

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069850.D
 Acq On : 8 Dec 2021 7:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 07:46:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1075533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1784682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1668390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	707939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	767754	46.233	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.460%		
35) Dibromofluoromethane	8.021	113	531948	47.585	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.180%		
50) Toluene-d8	10.440	98	2104860	46.893	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.780%		
62) 4-Bromofluorobenzene	12.731	95	761749	46.844	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	597491	47.630	ug/l	99
3) Chloromethane	2.303	50	722867	45.996	ug/l	98
4) Vinyl Chloride	2.451	62	690487	47.782	ug/l	98
5) Bromomethane	2.850	94	386924	49.284	ug/l	100
6) Chloroethane	3.019	64	416062	46.985	ug/l	99
7) Trichlorofluoromethane	3.379	101	894828	47.181	ug/l	98
8) Diethyl Ether	3.824	74	355896	48.722	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	514341	48.379	ug/l	96
10) Methyl Iodide	4.422	142	702784	48.388	ug/l	97
11) Tert butyl alcohol	5.377	59	577405	183.946	ug/l	98
12) 1,1-Dichloroethene	4.183	96	489339	47.764	ug/l	87
13) Acrolein	4.041	56	726040	271.607	ug/l	99
14) Allyl chloride	4.843	41	1086055	47.045	ug/l	94
15) Acrylonitrile	5.554	53	1868663	220.923	ug/l	99
16) Acetone	4.285	43	1700090	170.189	ug/l	97
17) Carbon Disulfide	4.532	76	1256022	47.455	ug/l	99
18) Methyl Acetate	4.854	43	1307808	43.373	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1928519	48.413	ug/l	95
20) Methylene Chloride	5.095	84	610726	45.989	ug/l #	84
21) trans-1,2-Dichloroethene	5.599	96	522667	46.971	ug/l	85
22) Diisopropyl ether	6.498	45	2300212	50.978	ug/l	94
23) Vinyl Acetate	6.433	43	9204692	250.745	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1161935	49.711	ug/l	98
25) 2-Butanone	7.335	43	2700209	198.944	ug/l	90
26) 2,2-Dichloropropane	7.327	77	728455	40.084	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	640997	47.679	ug/l	86
28) Bromochloromethane	7.659	49	586526	48.255	ug/l #	77
29) Tetrahydrofuran	7.683	42	1780047	215.981	ug/l	87
30) Chloroform	7.817	83	1158819	49.090	ug/l	99
31) Cyclohexane	8.096	56	1081591	46.802	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	986882	49.080	ug/l	95
36) 1,1-Dichloropropene	8.222	75	842055	49.563	ug/l	96
37) Ethyl Acetate	7.412	43	1107919	43.814	ug/l	95
38) Carbon Tetrachloride	8.206	117	827634	49.677	ug/l	99
39) Methylcyclohexane	9.459	83	1001711	49.568	ug/l	90
40) Benzene	8.458	78	2560207	49.300	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	566750	47.745	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1024076	48.851	ug/l	96
43) Isopropyl Acetate	8.560	43	1755286	46.907	ug/l #	94
44) Trichloroethene	9.215	130	610271	49.236	ug/l	93
45) 1,2-Dichloropropane	9.488	63	697457	50.014	ug/l	98
46) Dibromomethane	9.577	93	444830	48.638	ug/l	93
47) Bromodichloromethane	9.762	83	893428	51.595	ug/l	99
48) Methyl methacrylate	9.558	41	888462	50.876	ug/l #	83
49) 1,4-Dioxane	9.569	88	230684	736.201	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	5664344	233.334	ug/l	95
52) Toluene	10.505	92	1572050	49.584	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	928490	44.878	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	997281	45.794	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	632882	49.474	ug/l	98
56) Ethyl methacrylate	10.759	69	1061549	44.255	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1129184	50.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1086348	172.797	ug/l	91
59) 2-Hexanone	11.084	43	3926752	213.831	ug/l	93
60) Dibromochloromethane	11.237	129	639990	46.850	ug/l	100
61) 1,2-Dibromoethane	11.344	107	655659	49.485	ug/l	98
64) Tetrachloroethene	10.977	164	563677	49.826	ug/l	95
65) Chlorobenzene	11.771	112	1668818	49.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	620956	52.124	ug/l	98
67) Ethyl Benzene	11.843	91	3148905	51.217	ug/l	95
68) m/p-Xylenes	11.953	106	2281010	101.895	ug/l	92
69) o-Xylene	12.280	106	1142589	50.672	ug/l	92
70) Styrene	12.294	104	1868364	52.254	ug/l	96
71) Bromoform	12.457	173	458513	45.273	ug/l #	100
73) Isopropylbenzene	12.578	105	3016581	47.892	ug/l	98
74) N-amyl acetate	12.387	43	1248902	44.835	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	974145	44.725	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	928997m	45.759	ug/l	
77) Bromobenzene	12.859	156	691952	46.770	ug/l	80
78) n-propylbenzene	12.918	91	3408041	48.624	ug/l	96
79) 2-Chlorotoluene	13.007	91	2098091	47.374	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2476756	48.854	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	242552	39.987	ug/l	94
82) 4-Chlorotoluene	13.104	91	2001911	48.065	ug/l	92
83) tert-Butylbenzene	13.323	119	2153187	47.965	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2399931	49.707	ug/l	98
85) sec-Butylbenzene	13.500	105	2947856	48.413	ug/l	98
86) p-Isopropyltoluene	13.616	119	2340130	49.167	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1139637	46.888	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1096044	45.887	ug/l	97
89) n-Butylbenzene	13.940	91	1836430	47.565	ug/l	97
90) Hexachloroethane	14.211	117	414250	49.574	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1103158	46.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	166184	42.224	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	468820	40.918	ug/l	98
94) Hexachlorobutadiene	15.370	225	283942	45.241	ug/l	98
95) Naphthalene	15.507	128	1207192	36.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	454156	40.602	ug/l	99

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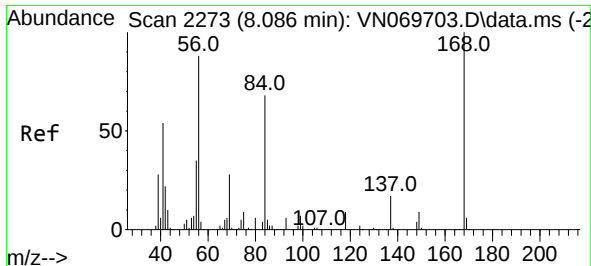
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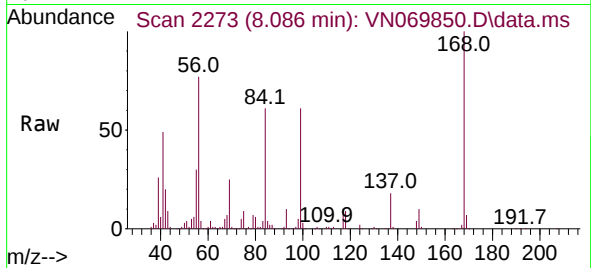
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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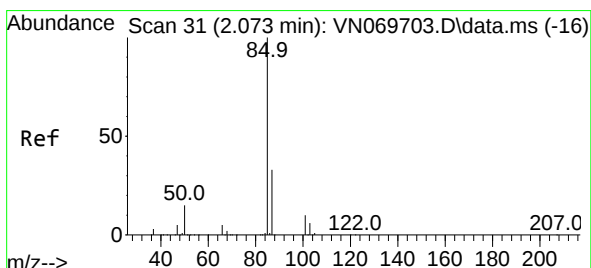
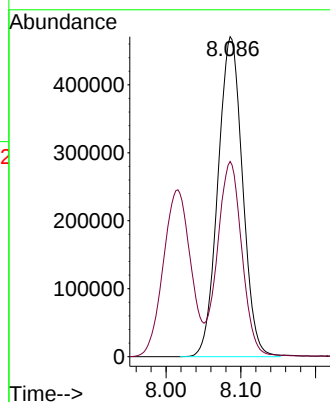
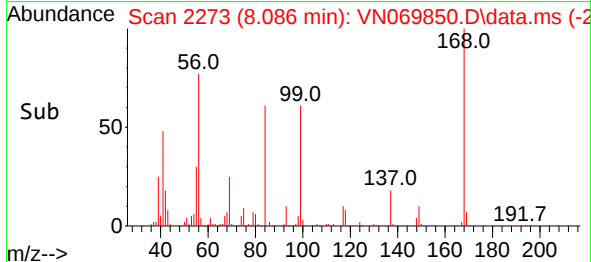
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Tgt Ion:168 Resp: 107553
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

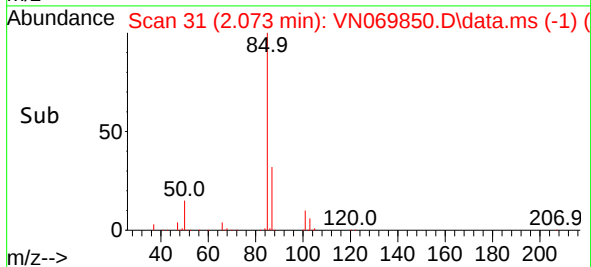
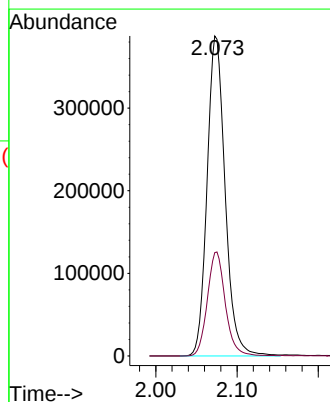
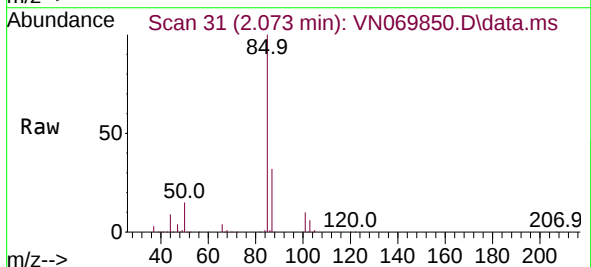
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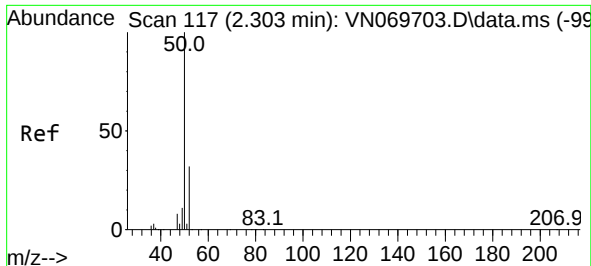
Reviewed By :John Carlone 12/08/2021
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#2
Dichlorodifluoromethane
Concen: 47.630 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

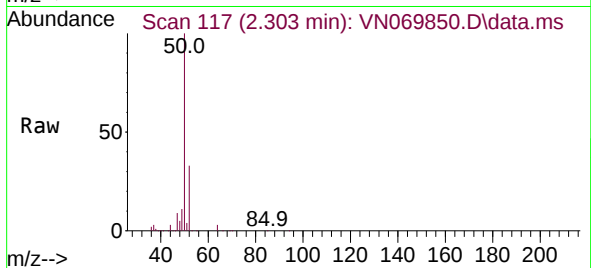
Tgt Ion: 85 Resp: 597491
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 45.996 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

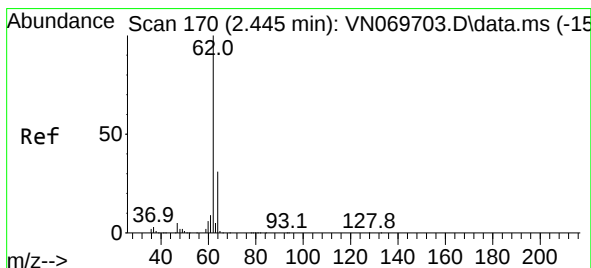
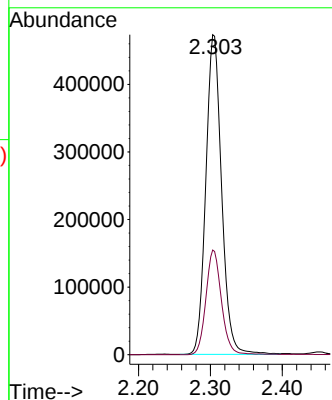
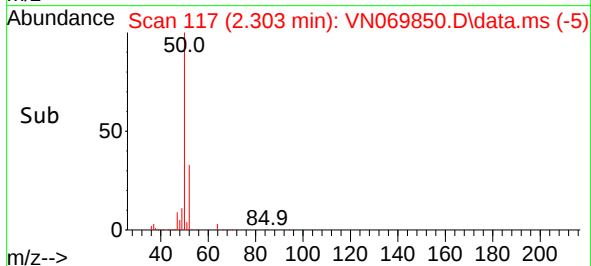
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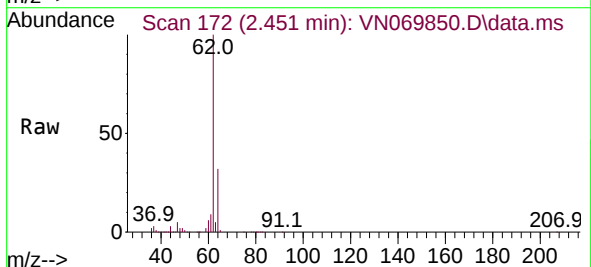
Tgt Ion: 50 Resp: 72286
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

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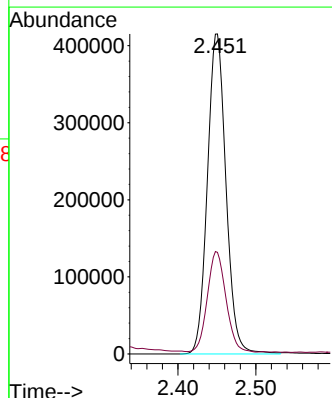
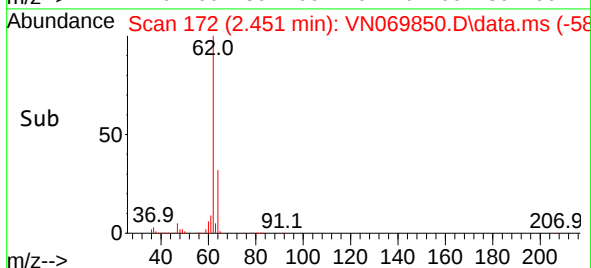
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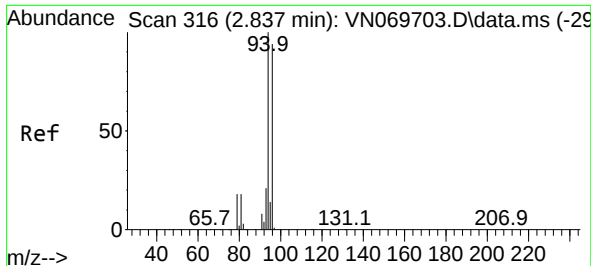


#4
Vinyl Chloride
Concen: 47.782 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



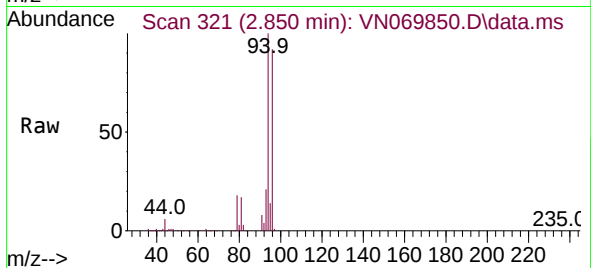
Tgt Ion: 62 Resp: 690487
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 49.284 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.013 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

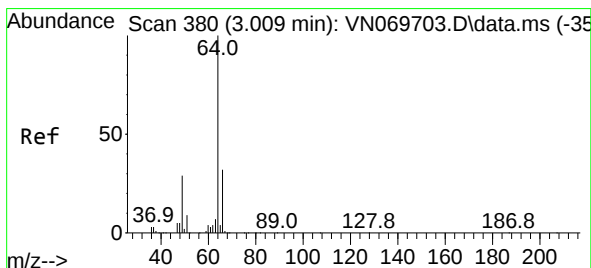
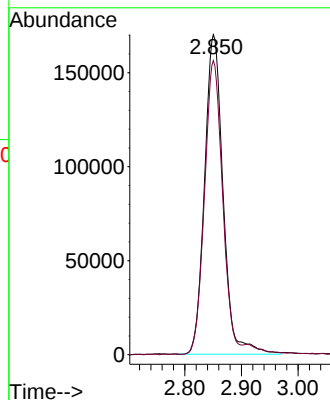
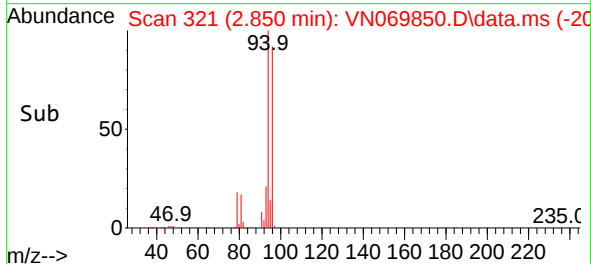
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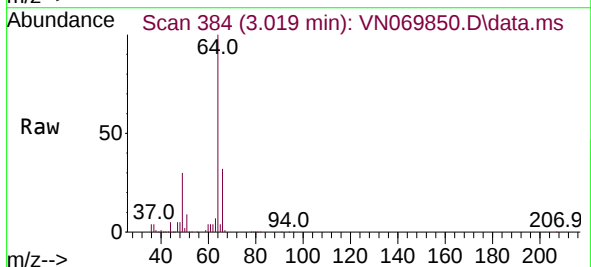
Tgt Ion: 94 Resp: 386924
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.8

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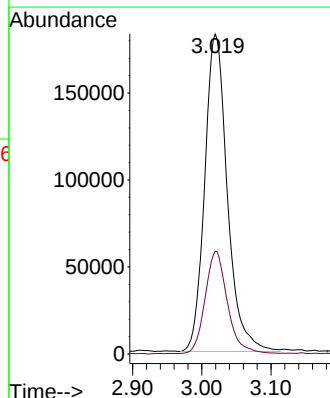
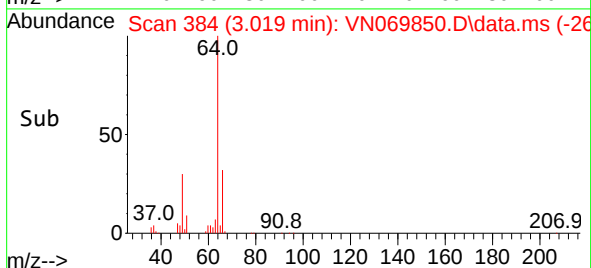
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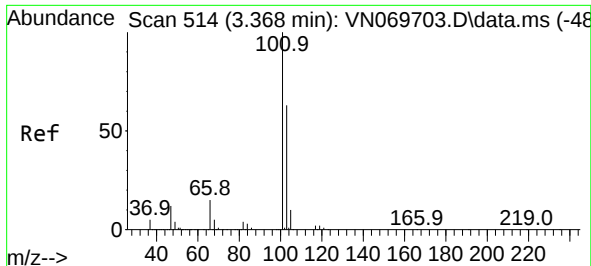


#6
Chloroethane
Concen: 46.985 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
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Tgt Ion: 64 Resp: 416062
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





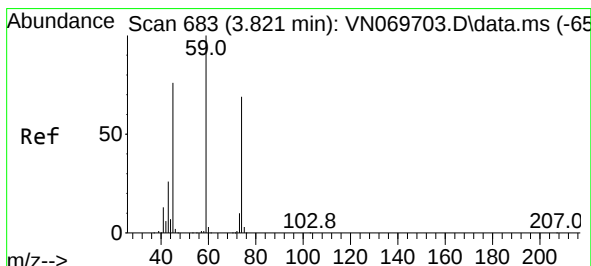
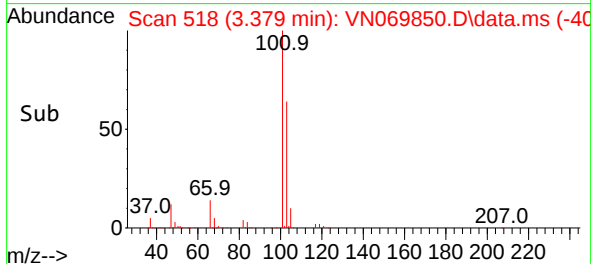
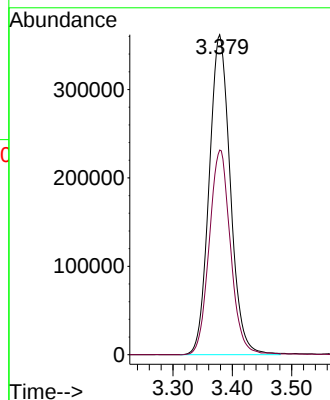
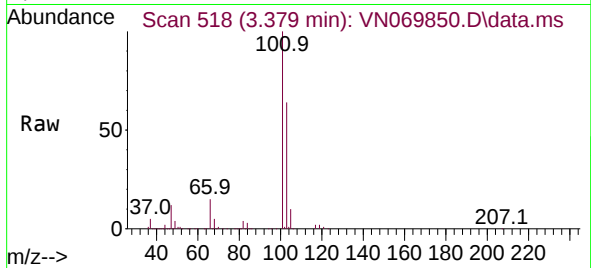
#7
Trichlorofluoromethane
Concen: 47.181 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

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Tgt Ion:101 Resp: 894828
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

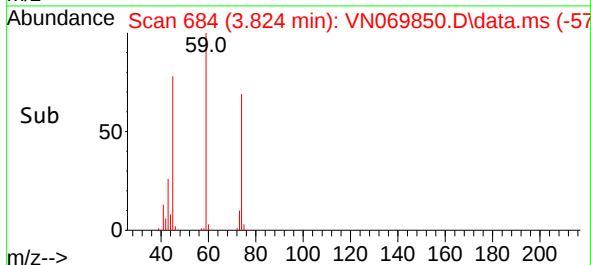
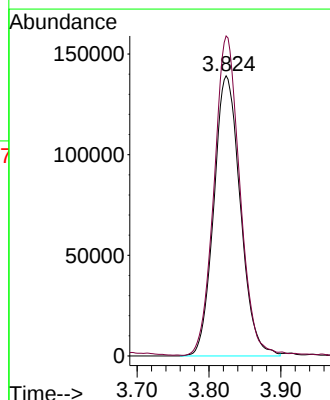
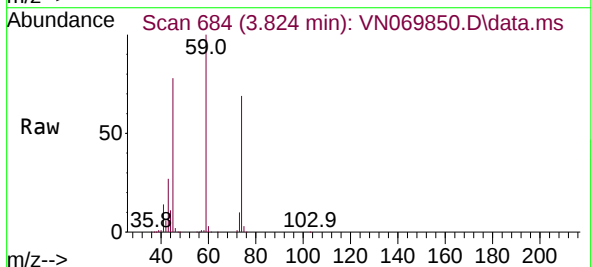
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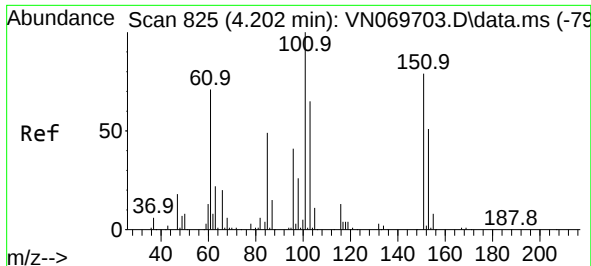
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#8
Diethyl Ether
Concen: 48.722 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069850.D
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Tgt Ion: 74 Resp: 355896
Ion Ratio Lower Upper
74 100
45 110.6 47.0 141.2





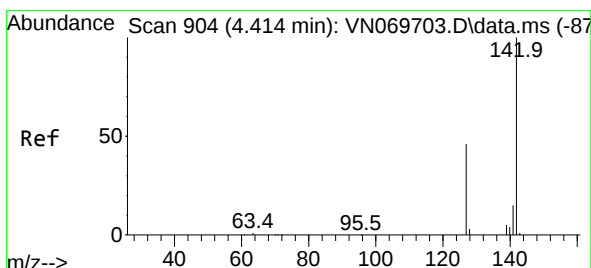
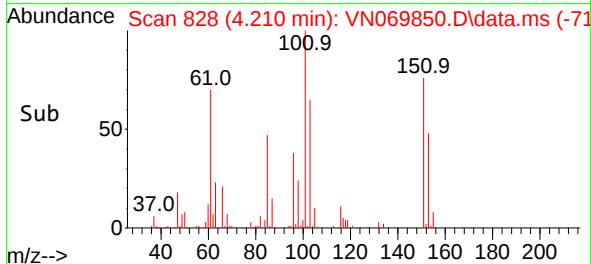
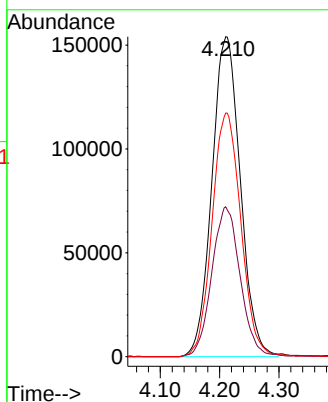
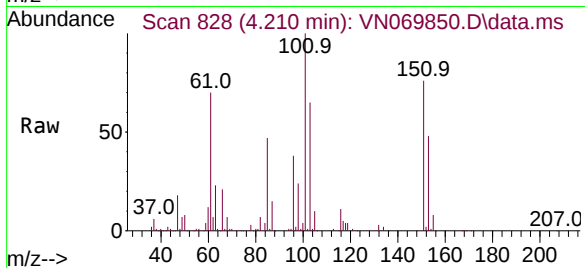
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.379 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 51434
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.9 65.9 98.9

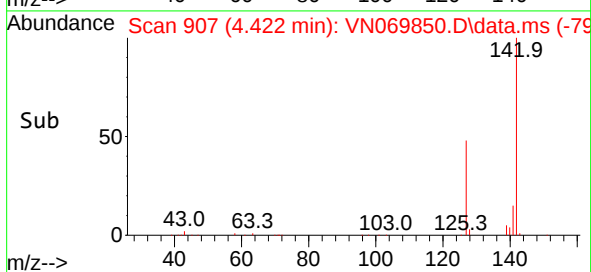
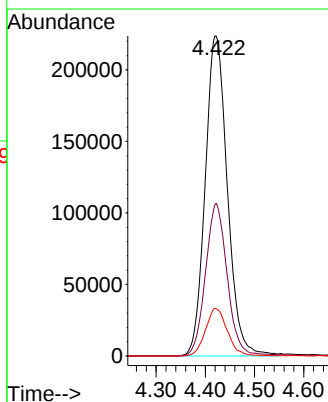
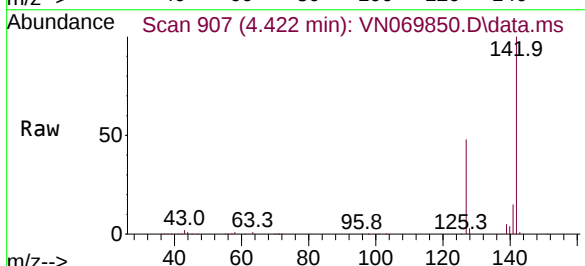
Manual Integrations
APPROVED

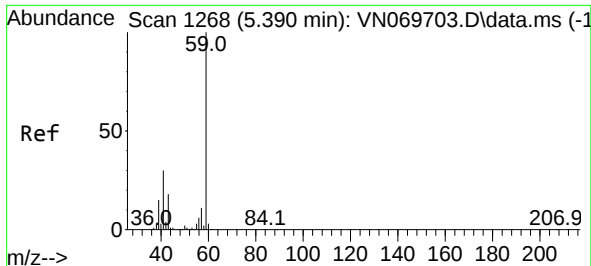
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 48.388 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

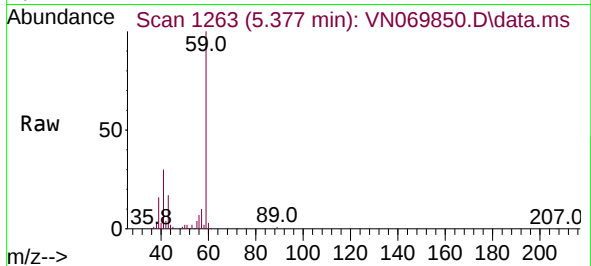
Tgt Ion:142 Resp: 702784
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 183.946 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

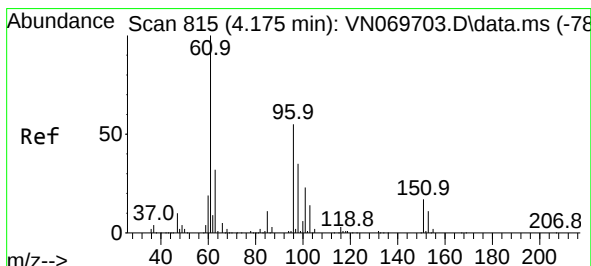
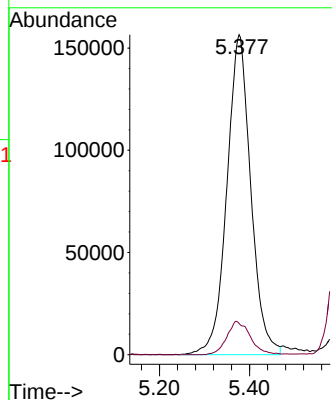
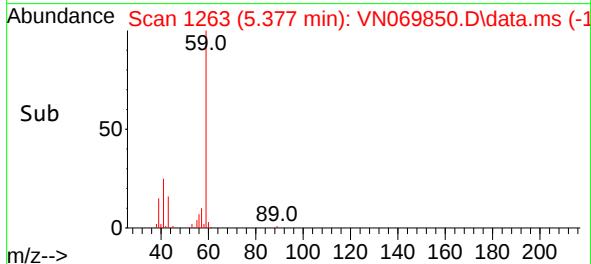
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



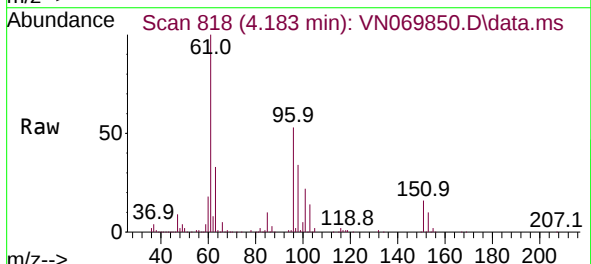
Tgt Ion: 59 Resp: 57740
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
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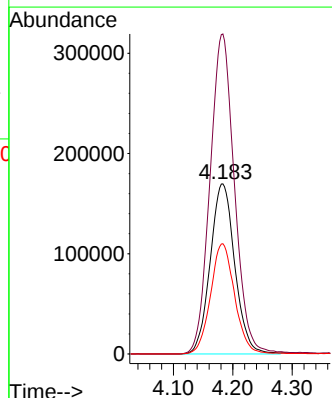
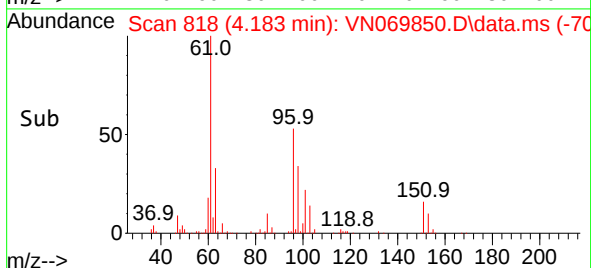
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

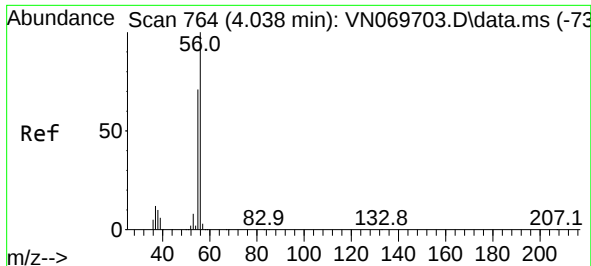


#12
1,1-Dichloroethene
Concen: 47.764 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



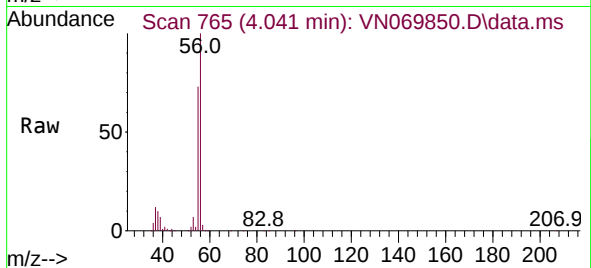
Tgt Ion: 96 Resp: 489339
Ion Ratio Lower Upper
96 100
61 188.1 131.0 196.6
98 64.8 52.4 78.6





#13
Acrolein
Concen: 271.607 ug/l
RT: 4.041 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

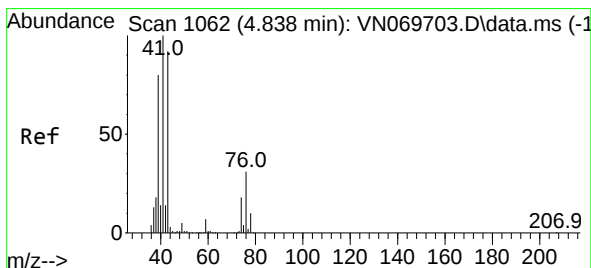
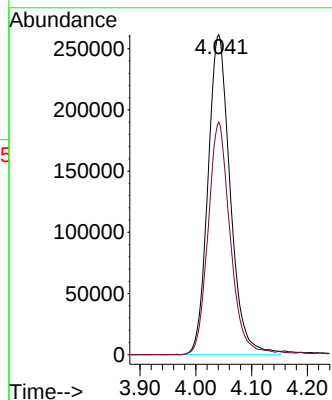
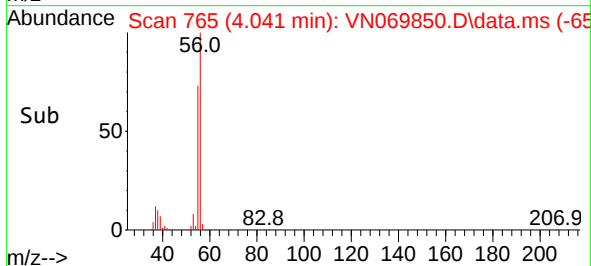
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 726040
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

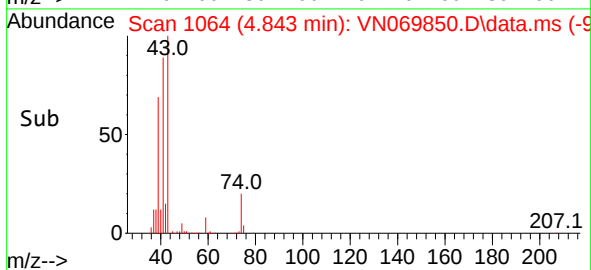
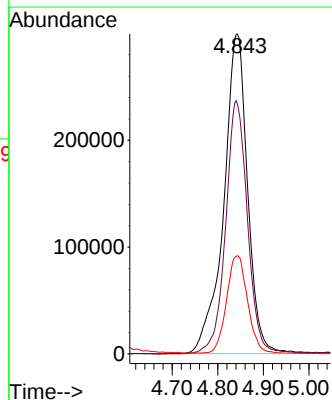
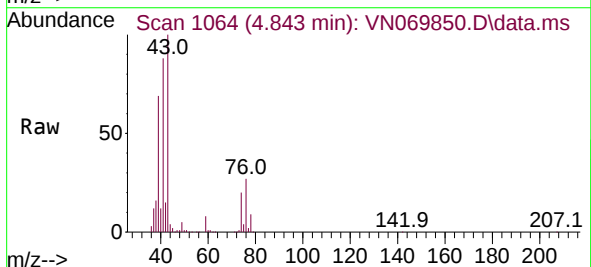
Manual Integrations
APPROVED

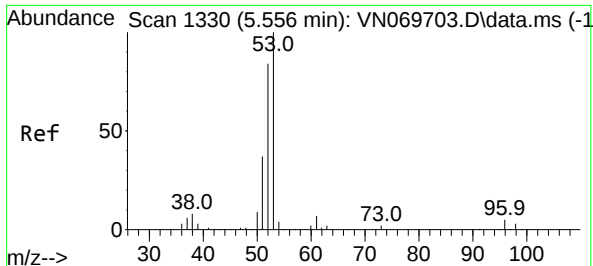
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#14
Allyl chloride
Concen: 47.045 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 41 Resp: 1086055
Ion Ratio Lower Upper
41 100
39 72.7 61.2 91.8
76 26.7 26.0 39.0





#15

Acrylonitrile

Concen: 220.923 ug/l

RT: 5.554 min Scan# 1329

Delta R.T. -0.003 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 186866

Ion Ratio Lower Upper

53 100

52 84.3 66.2 99.2

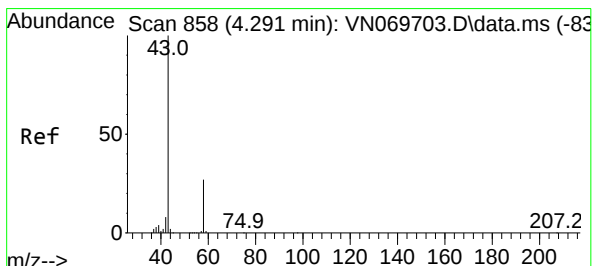
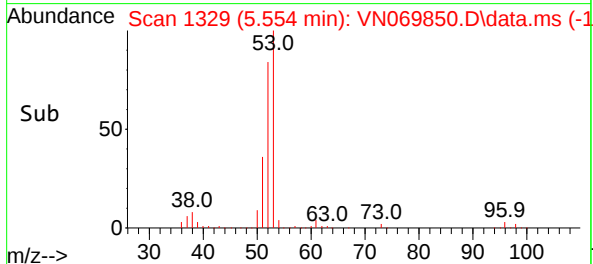
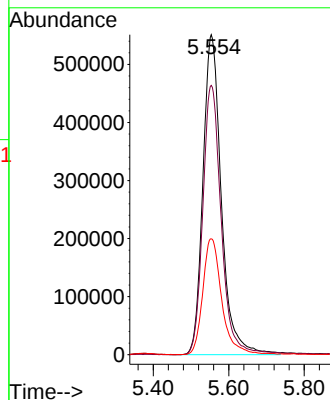
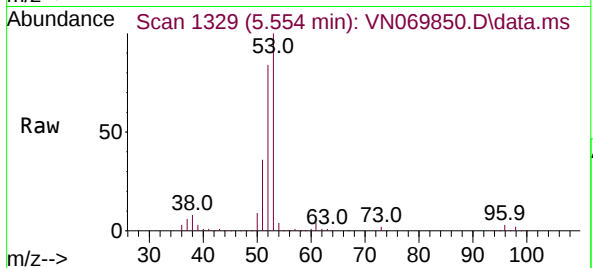
51 37.2 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#16

Acetone

Concen: 170.189 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN069850.D

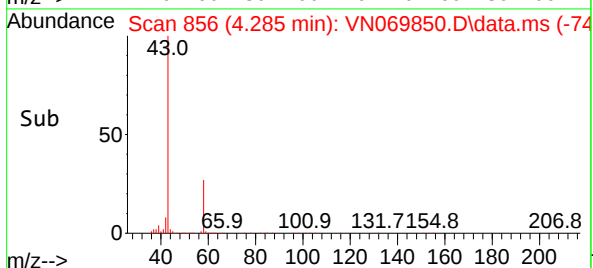
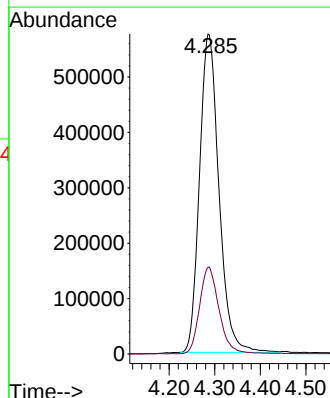
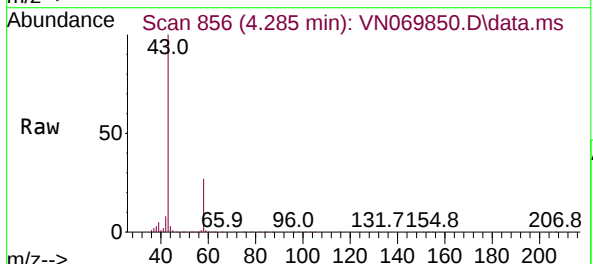
Acq: 8 Dec 2021 7:30

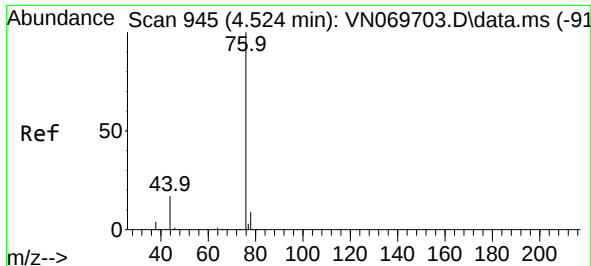
Tgt Ion: 43 Resp: 1700090

Ion Ratio Lower Upper

43 100

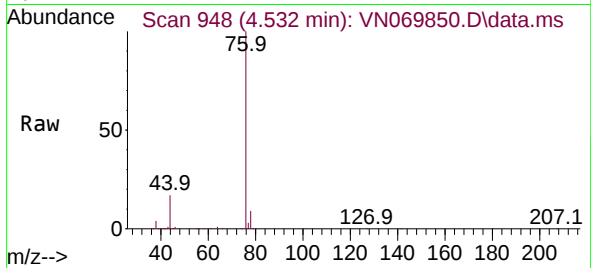
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 47.455 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

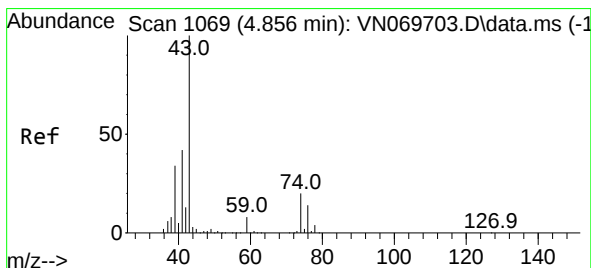
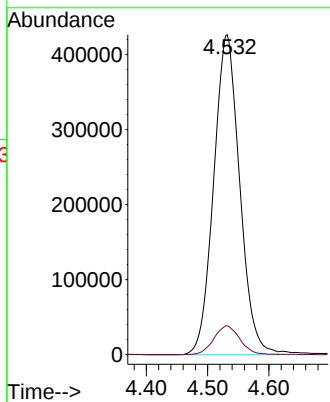
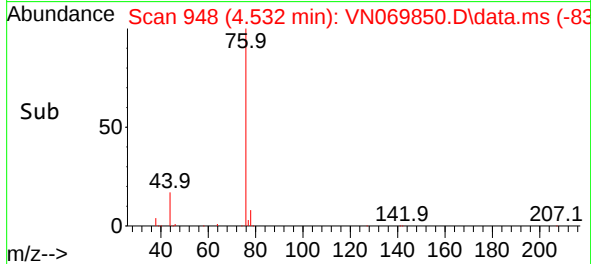
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 125602
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

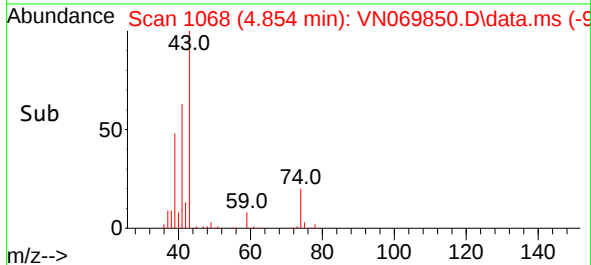
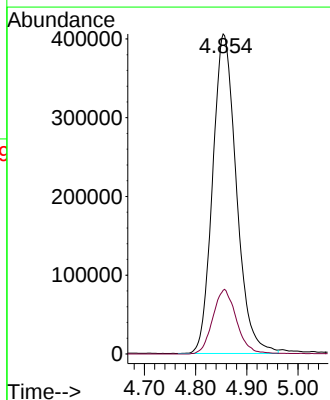
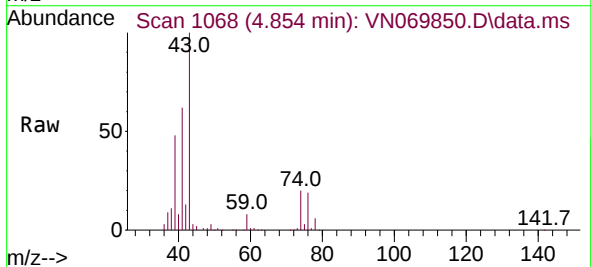
Manual Integrations
APPROVED

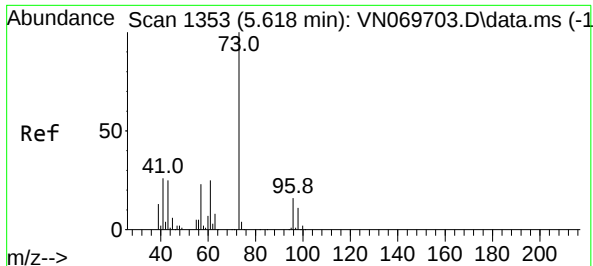
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#18
Methyl Acetate
Concen: 43.373 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

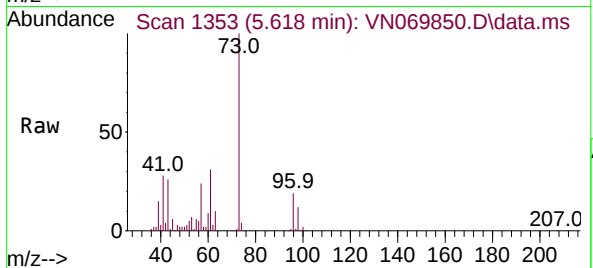
Tgt Ion: 43 Resp: 1307808
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 48.413 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

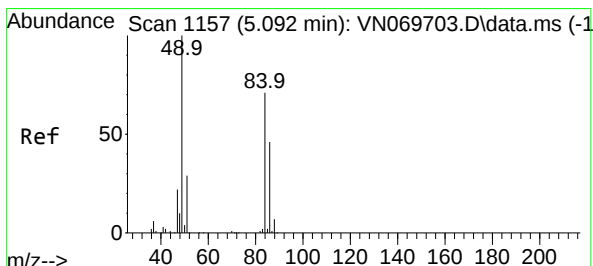
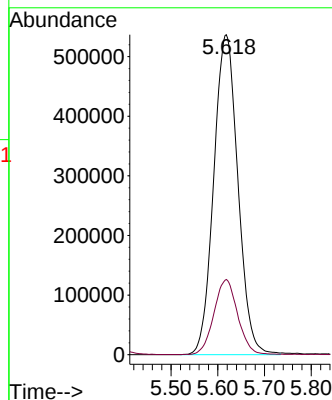
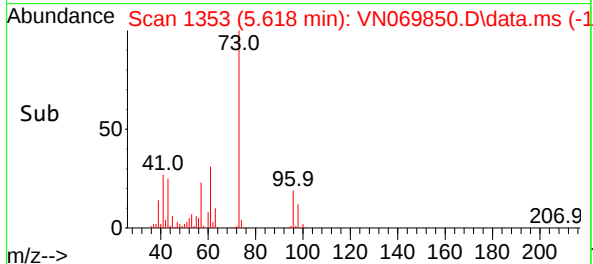
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



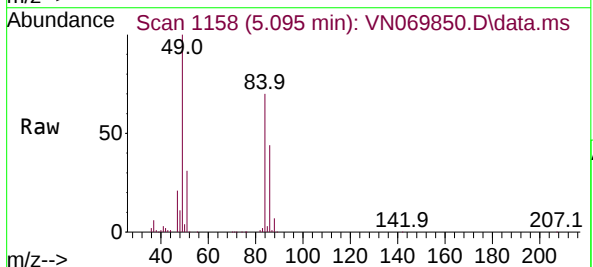
Tgt Ion: 73 Resp: 1928519
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

Manual Integrations
APPROVED

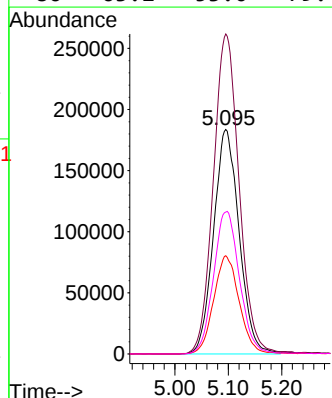
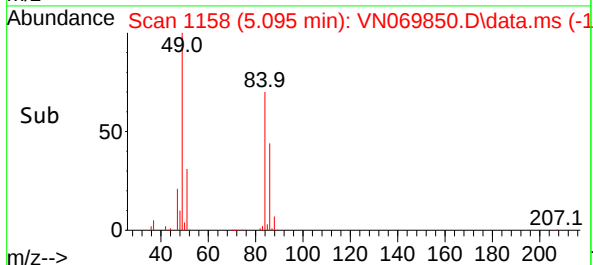
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

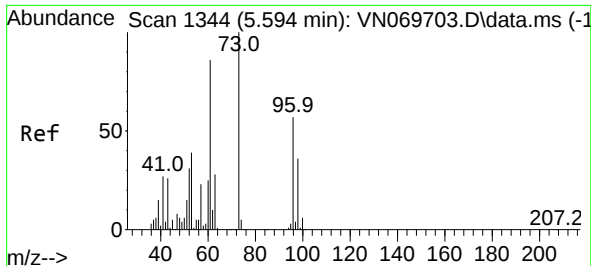


#20
Methylene Chloride
Concen: 45.989 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



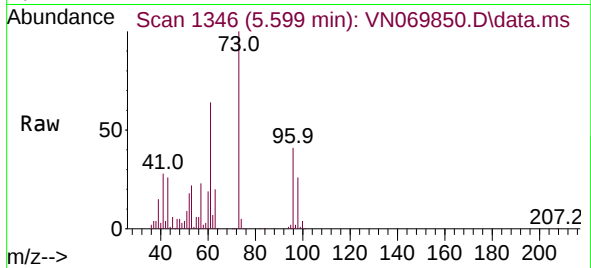
Tgt Ion: 84 Resp: 610726
Ion Ratio Lower Upper
84 100
49 142.5 93.5 140.3#
51 43.7 29.4 44.2
86 63.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.971 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

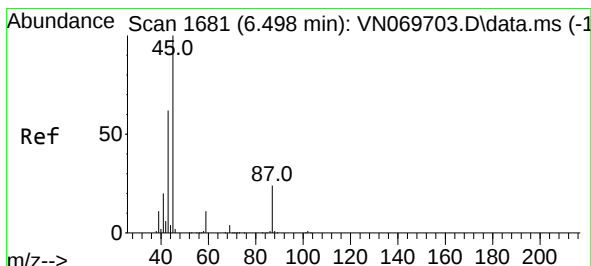
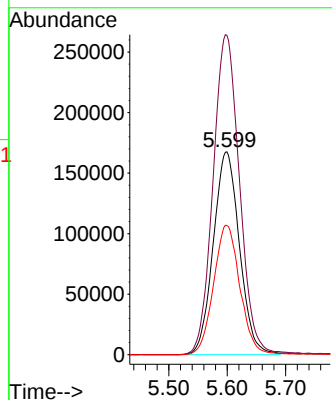
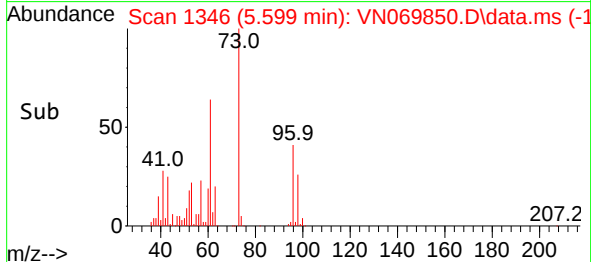
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 52266
Ion Ratio Lower Upper
96 100
61 157.3 105.8 158.6
98 63.6 52.0 78.0

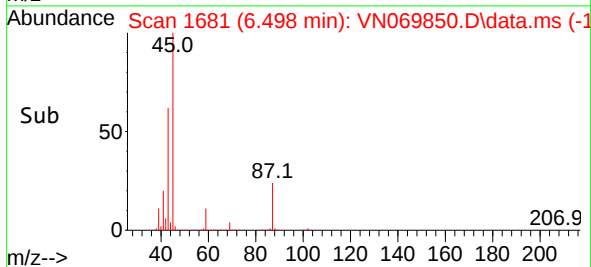
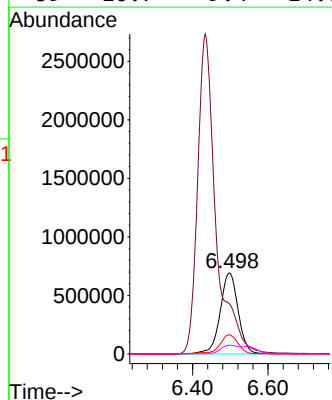
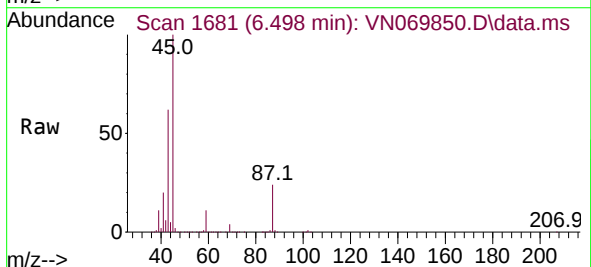
Manual Integrations
APPROVED

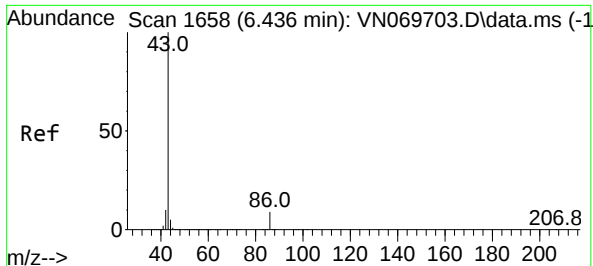
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 50.978 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 45 Resp: 2300212
Ion Ratio Lower Upper
45 100
43 61.4 51.7 77.5
87 23.6 23.2 34.8
59 10.7 9.4 14.0





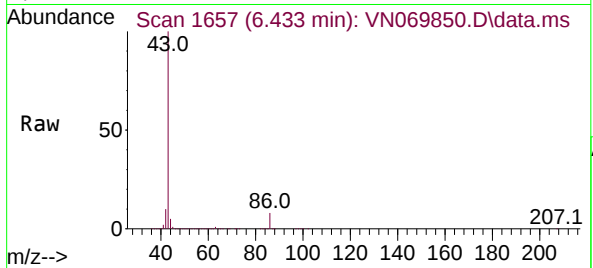
#23
 Vinyl Acetate
 Concen: 250.745 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

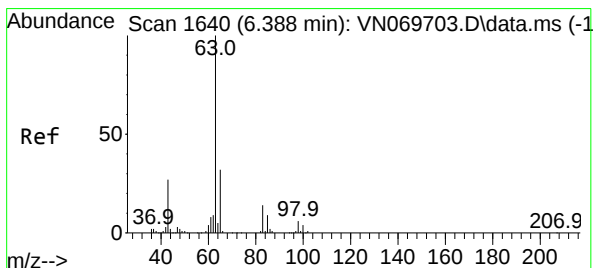
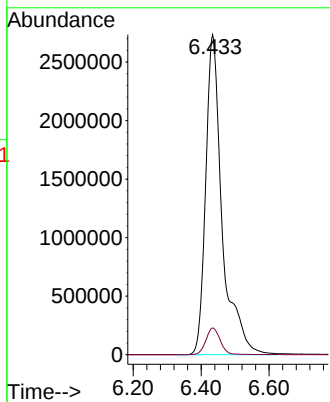
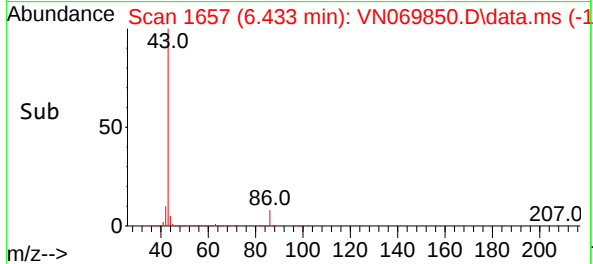


Tgt Ion: 43 Resp: 920469
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

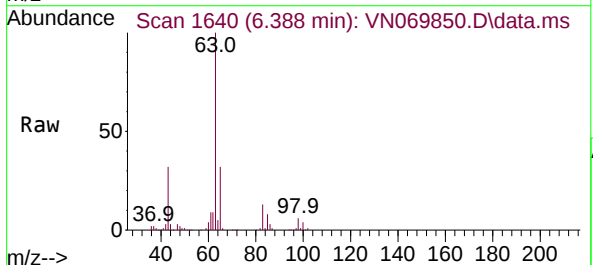
Manual Integrations

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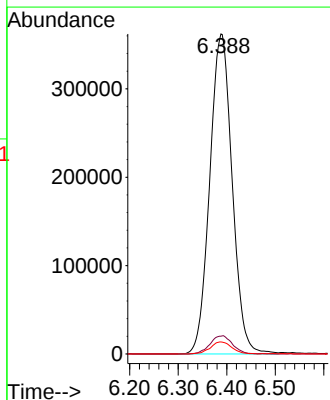
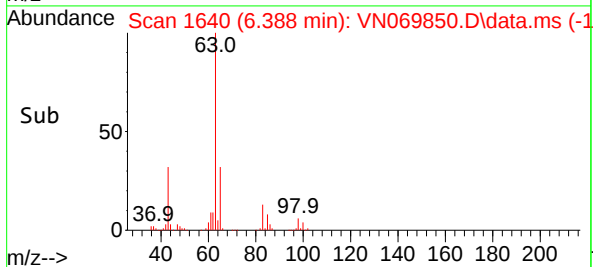
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

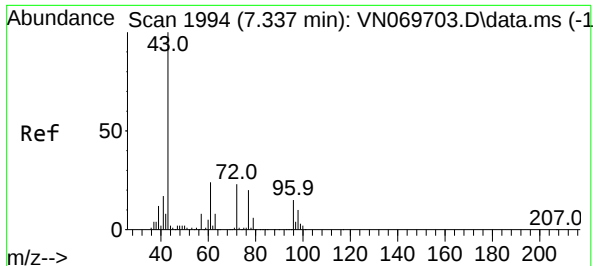


#24
 1,1-Dichloroethane
 Concen: 49.711 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30



Tgt Ion: 63 Resp: 1161935
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.7 2.1 6.5





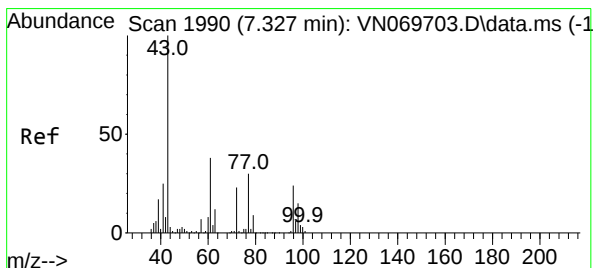
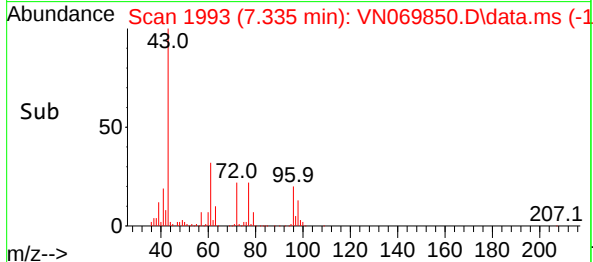
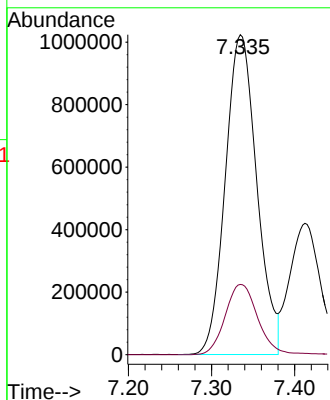
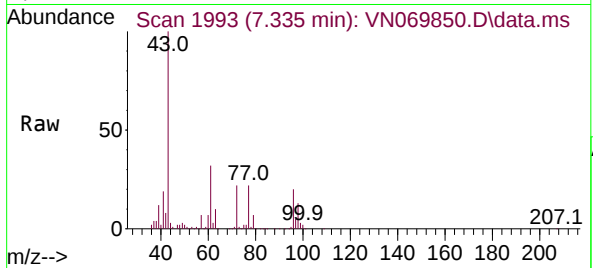
#25
2-Butanone
Concen: 198.944 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2700209
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5

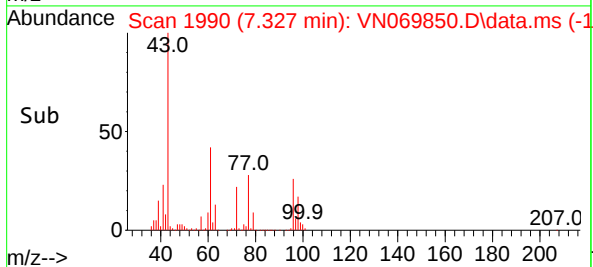
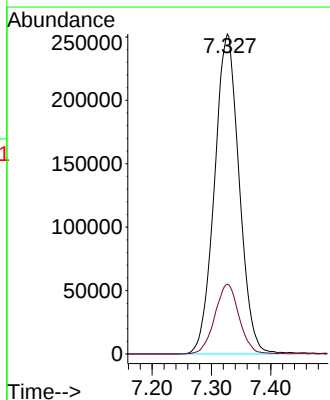
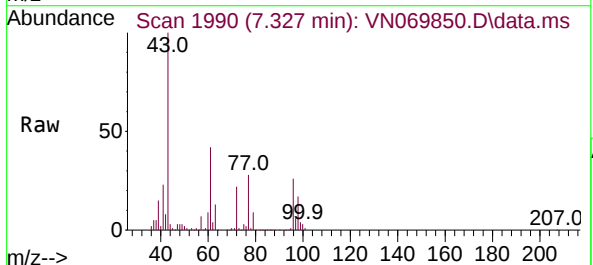
Manual Integrations
APPROVED

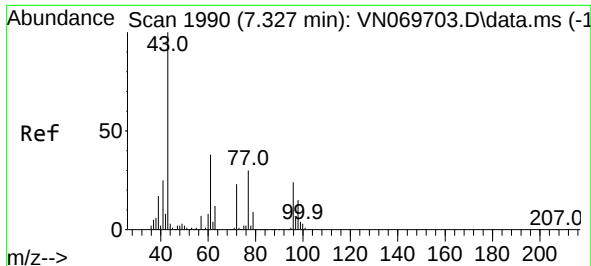
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 40.084 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

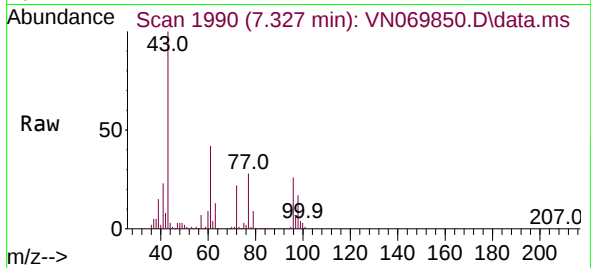
Tgt Ion: 77 Resp: 728455
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 47.679 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30

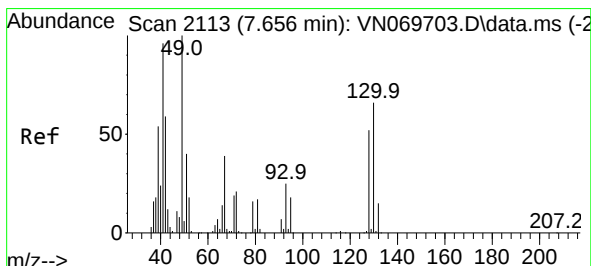
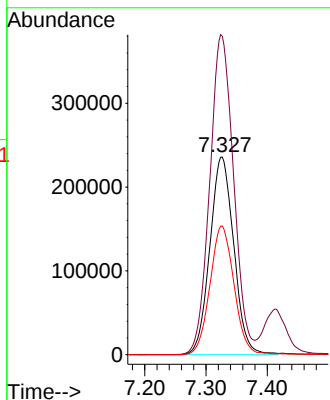
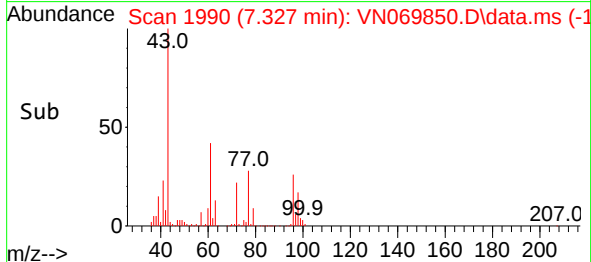
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 64099
 Ion Ratio Lower Upper
 96 100
 61 161.2 0.0 275.0
 98 65.2 0.0 129.6

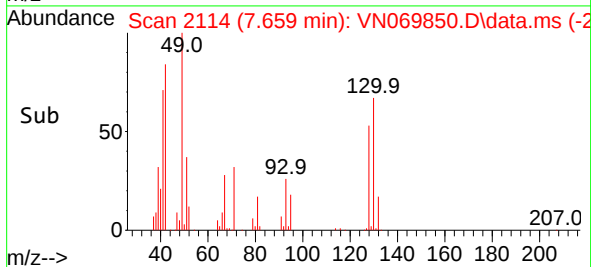
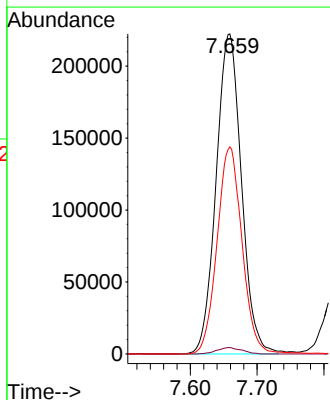
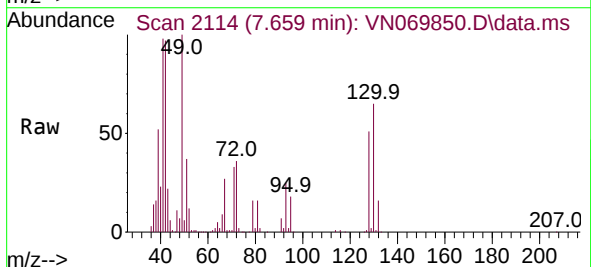
Manual Integrations
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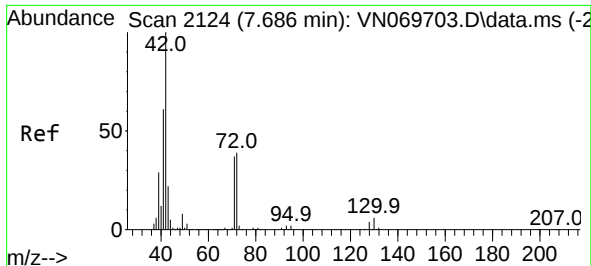
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#28
 Bromochloromethane
 Concen: 48.255 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30

Tgt Ion: 49 Resp: 586526
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 63.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 215.981 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 178004

Ion Ratio Lower Upper

42 100

72 36.9 36.3 54.5

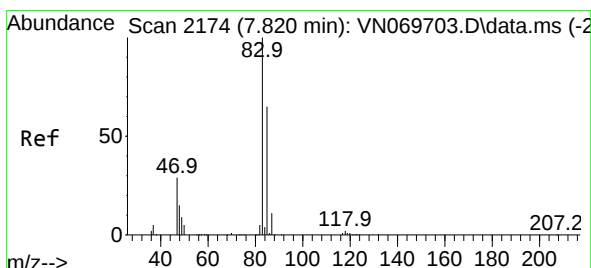
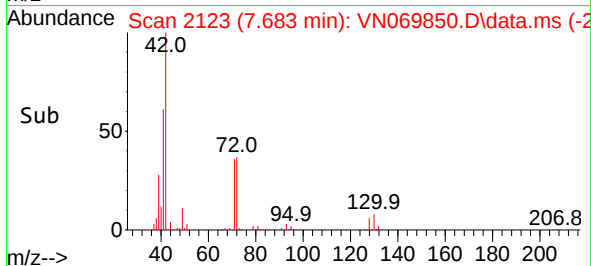
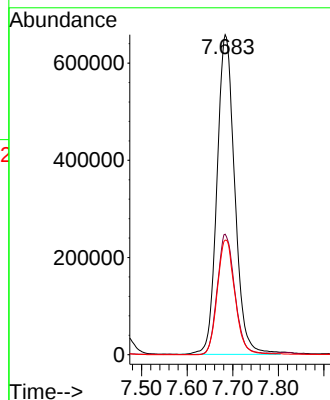
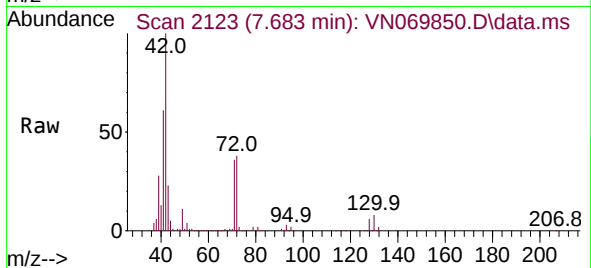
71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 49.090 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069850.D

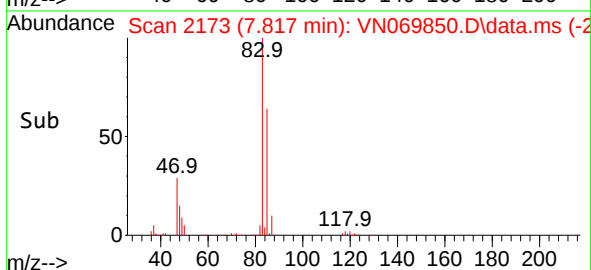
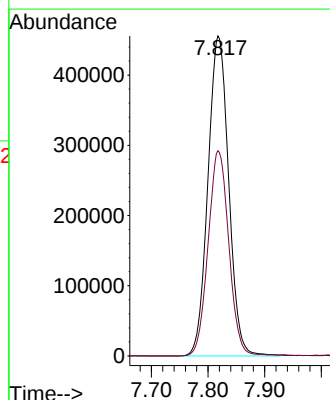
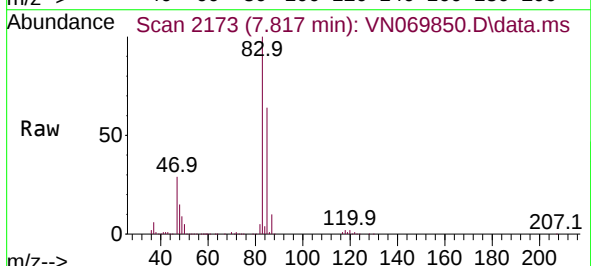
Acq: 8 Dec 2021 7:30

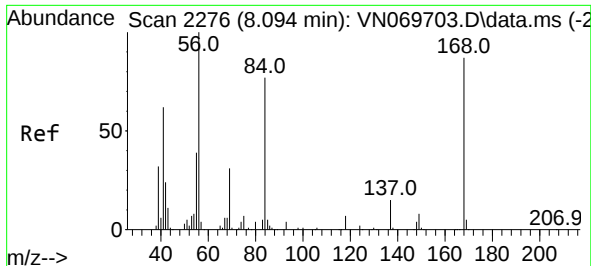
Tgt Ion: 83 Resp: 1158819

Ion Ratio Lower Upper

83 100

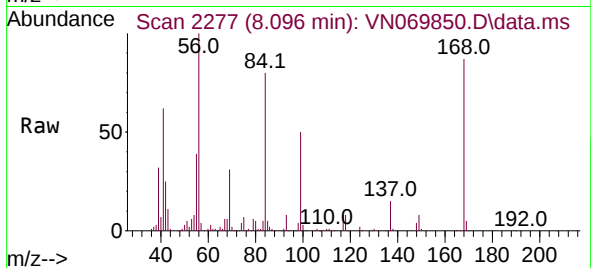
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 46.802 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

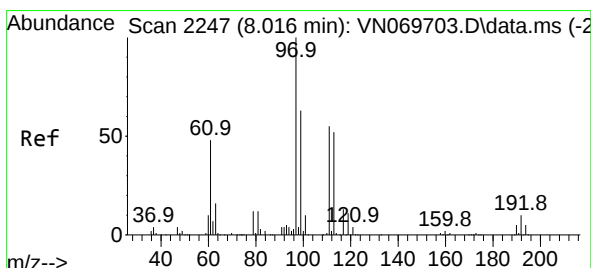
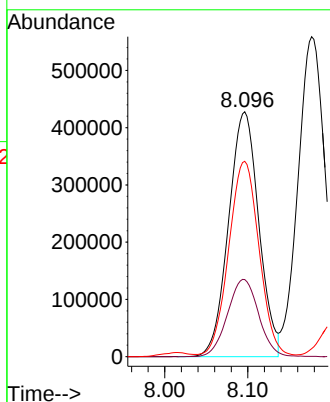
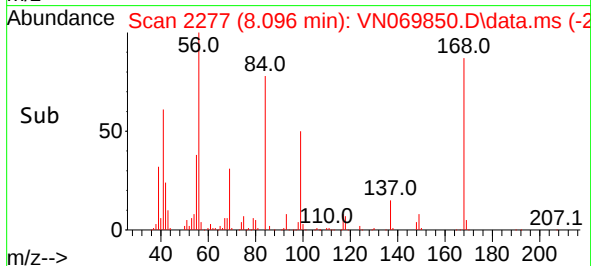
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108159
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 78.0 73.4 110.0

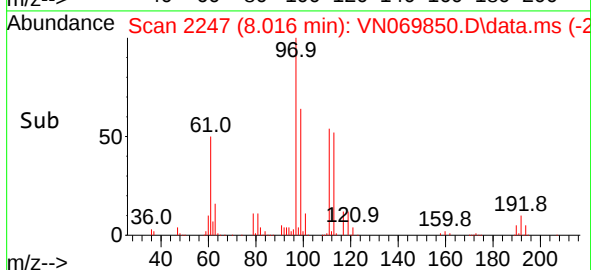
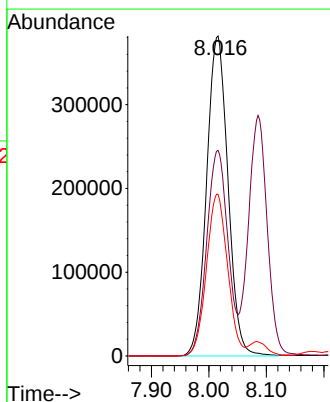
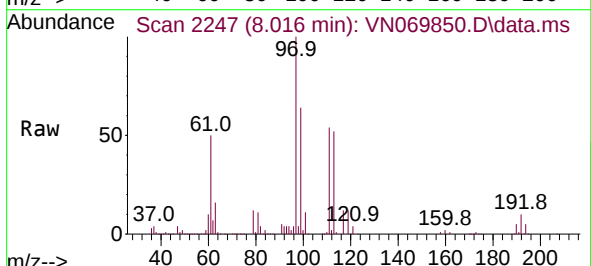
Manual Integrations
APPROVED

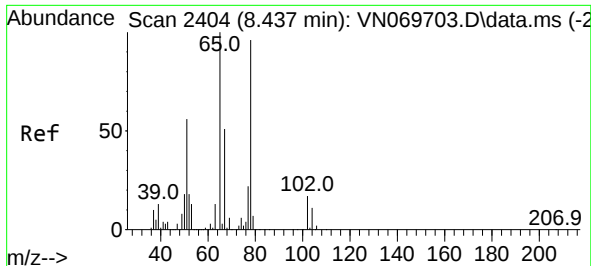
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 49.080 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 97 Resp: 986882
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 50.0 35.2 52.8





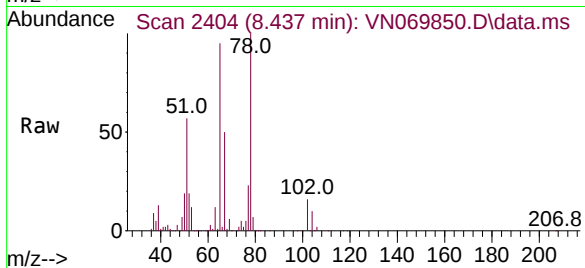
#33
 1,2-Dichloroethane-d4
 Concen: 46.233 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

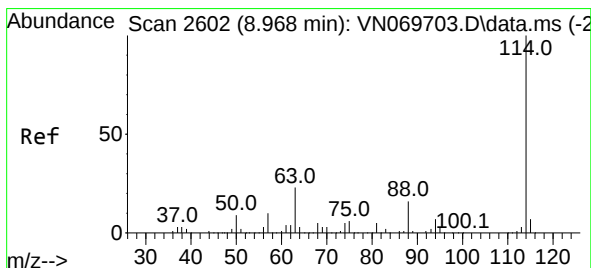
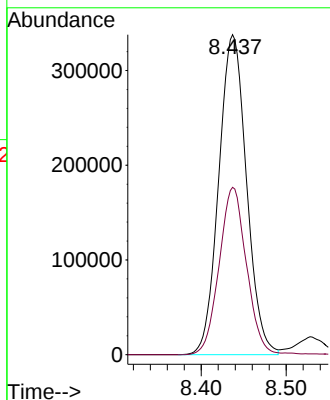
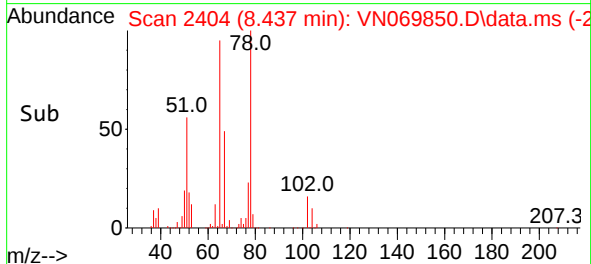


Tgt Ion: 65 Resp: 767754
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0

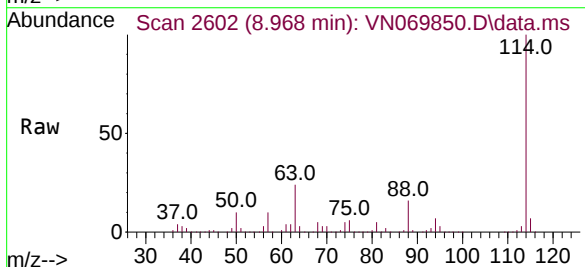
Manual Integrations

APPROVED

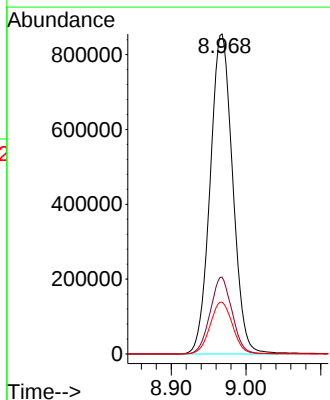
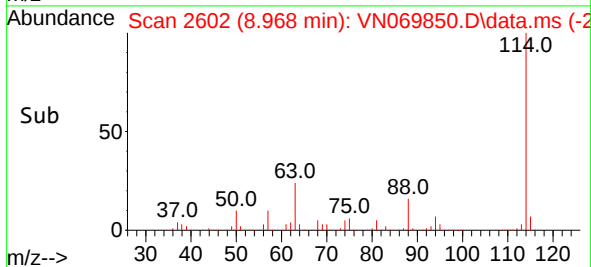
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

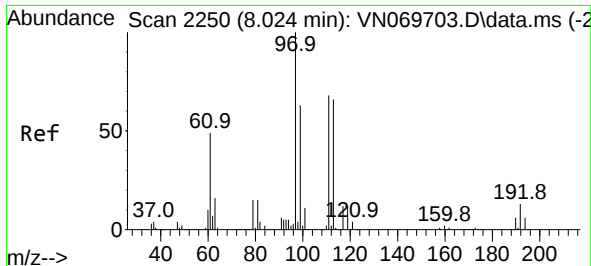


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30



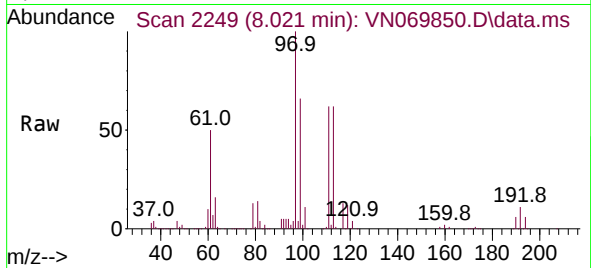
Tgt Ion:114 Resp: 1784682
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 37.8
 88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.585 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

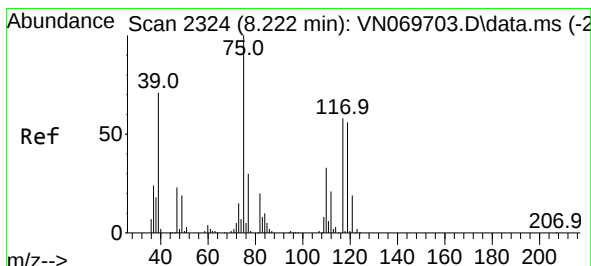
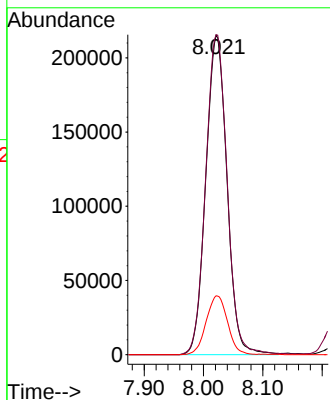
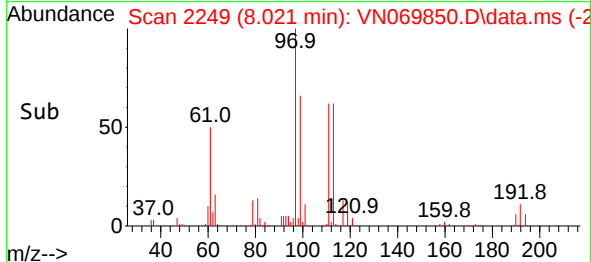
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 53194
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 18.6 16.9 25.3

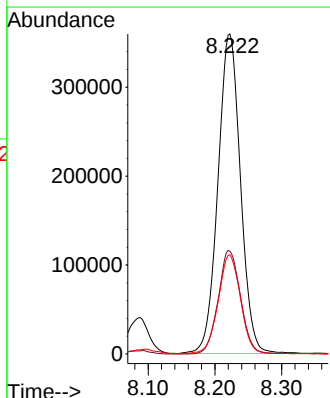
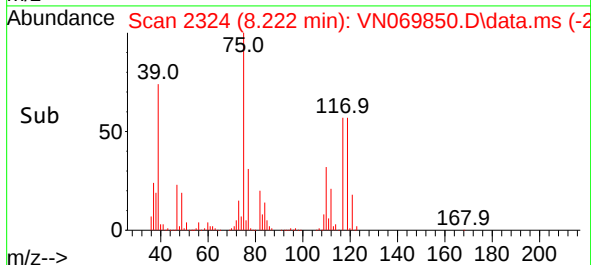
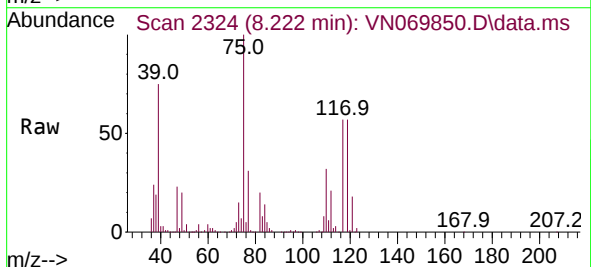
Manual Integrations
APPROVED

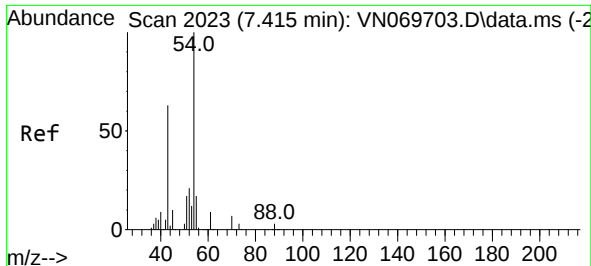
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#36
1,1-Dichloropropene
Concen: 49.563 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 75 Resp: 842055
Ion Ratio Lower Upper
75 100
110 32.2 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 43.814 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1107919

Ion Ratio Lower Upper

43 100

61 12.1 11.5 17.3

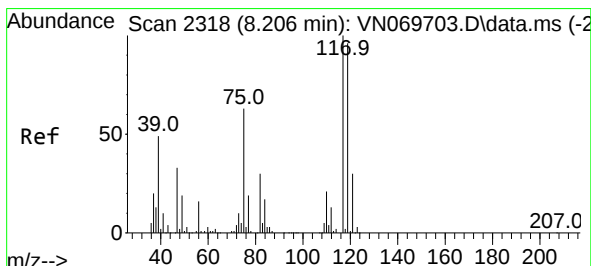
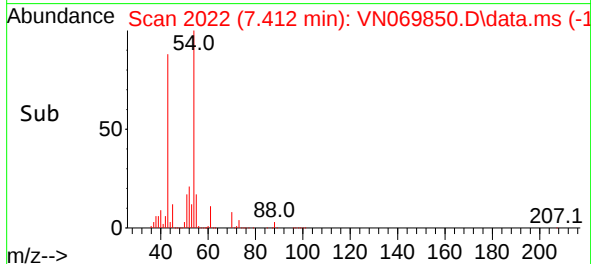
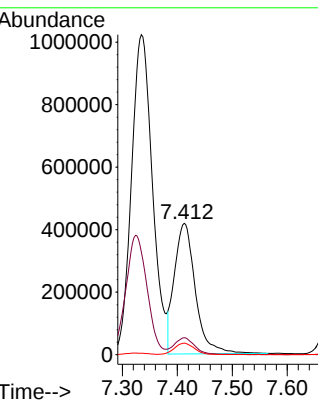
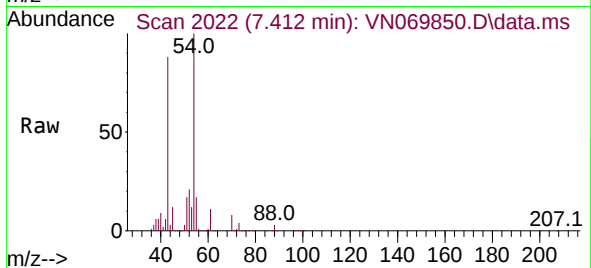
70 8.2 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#38

Carbon Tetrachloride

Concen: 49.677 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

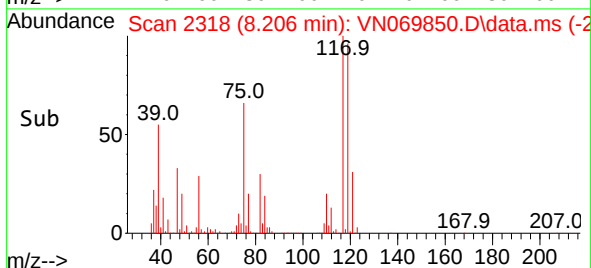
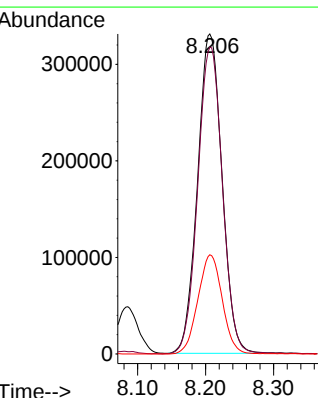
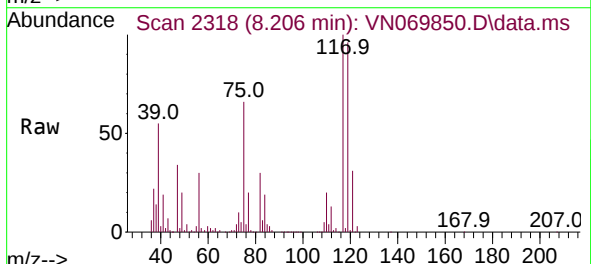
Tgt Ion:117 Resp: 827634

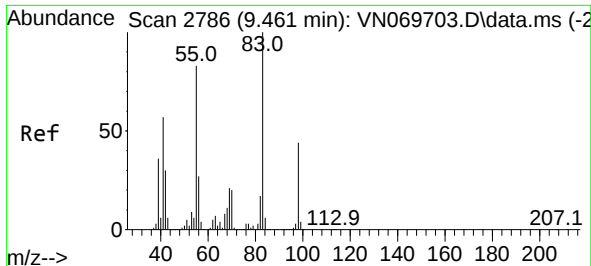
Ion Ratio Lower Upper

117 100

119 96.0 76.1 114.1

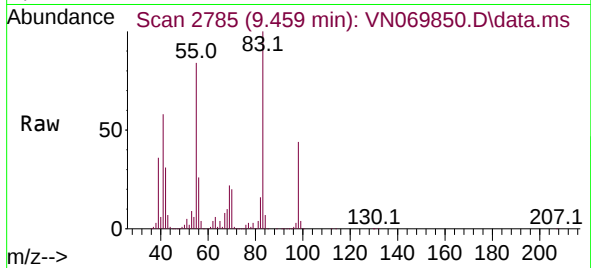
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 49.568 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

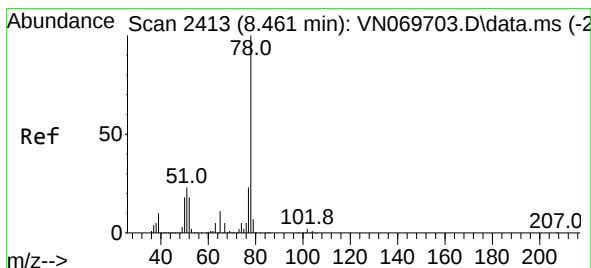
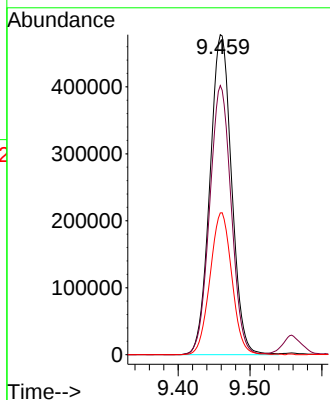
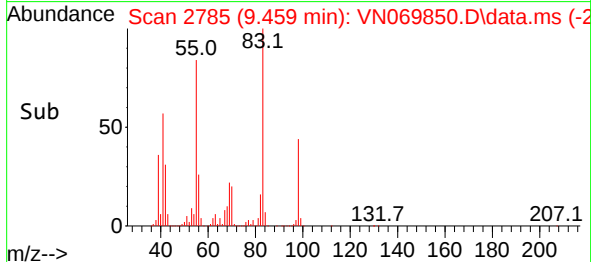
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



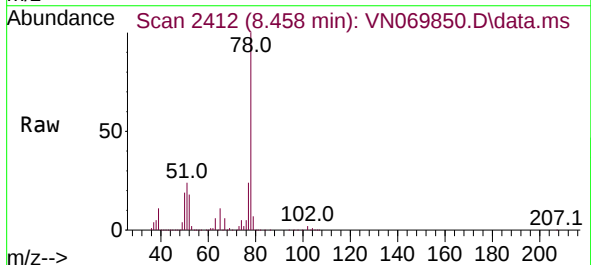
Tgt Ion: 83 Resp: 100171
Ion Ratio Lower Upper
83 100
55 84.0 58.1 87.1
98 44.3 38.4 57.6

Manual Integrations
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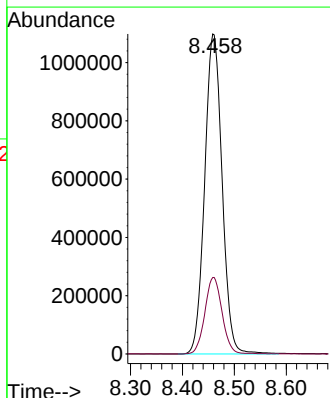
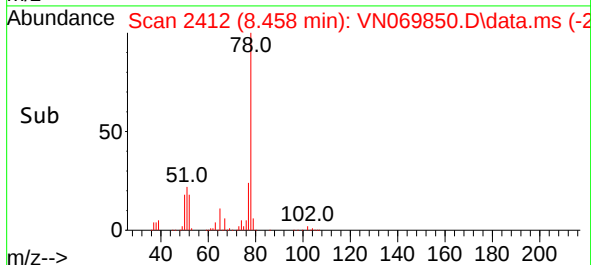
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

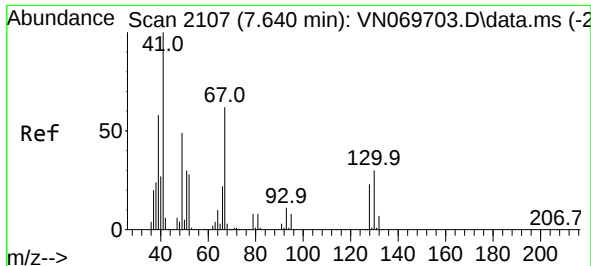


#40
Benzene
Concen: 49.300 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



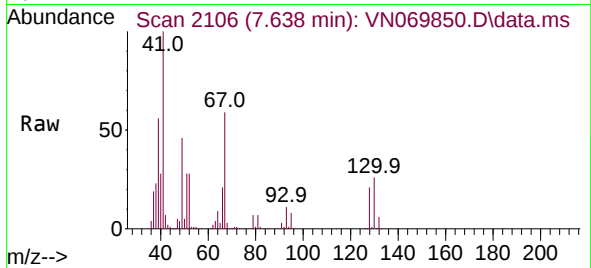
Tgt Ion: 78 Resp: 2560207
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 47.745 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

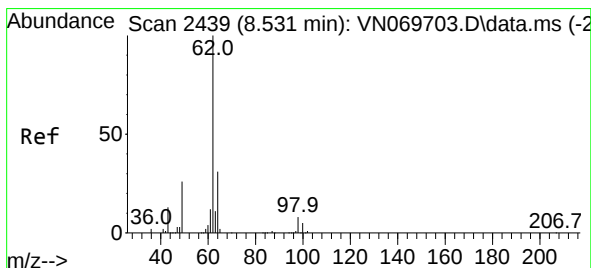
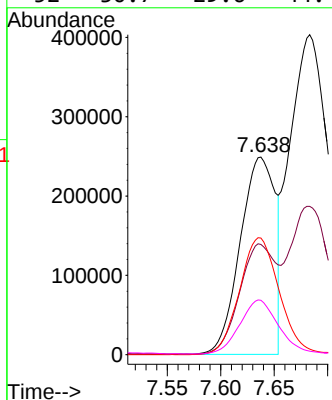
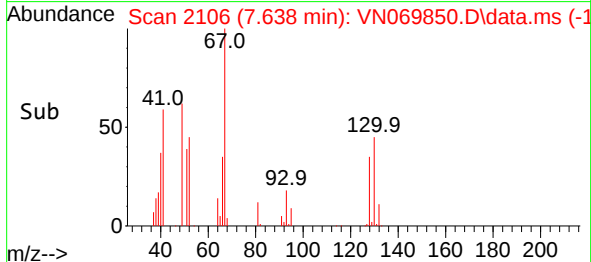
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 566750
Ion Ratio Lower Upper
41 100
39 59.8 48.1 72.1
67 68.3 68.3 102.5
52 30.7 29.6 44.4

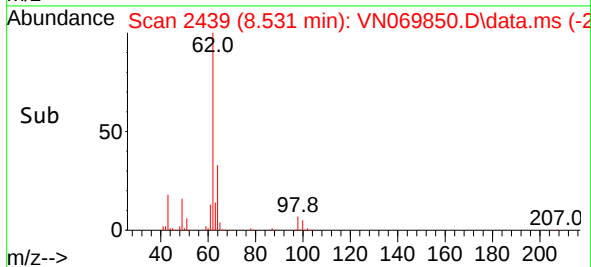
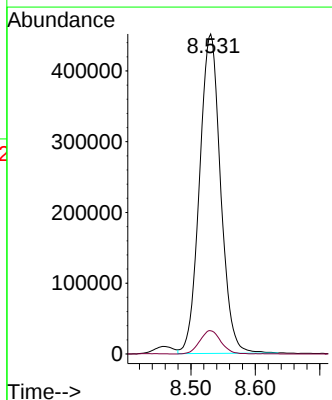
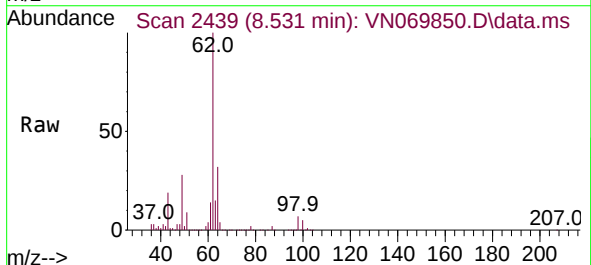
Manual Integrations
APPROVED

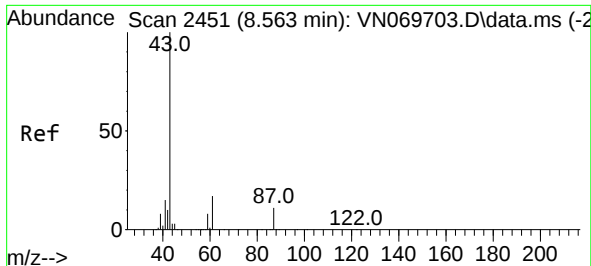
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 48.851 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 62 Resp: 1024076
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





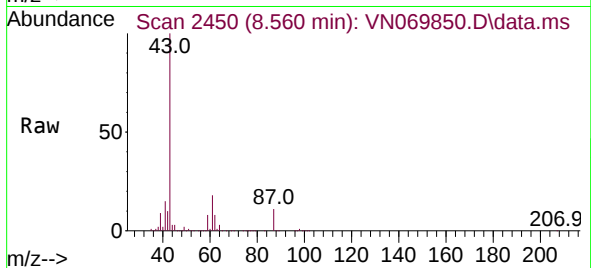
#43
Isopropyl Acetate
Concen: 46.907 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

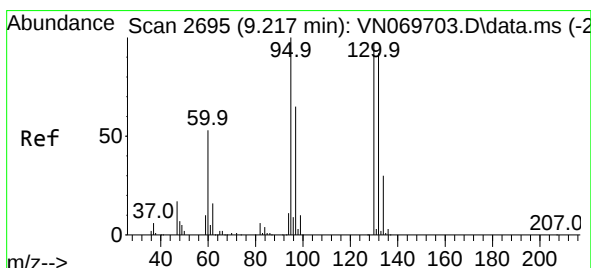
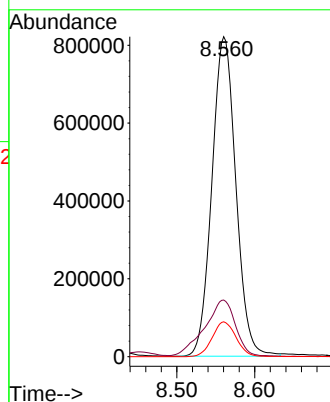
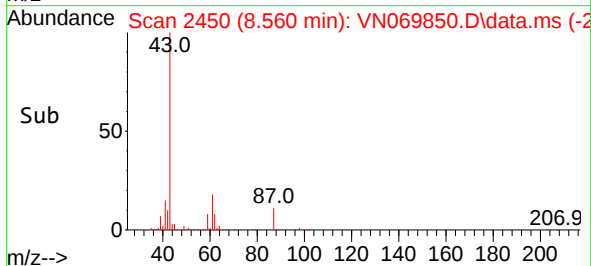


Tgt Ion: 43 Resp: 1755280
Ion Ratio Lower Upper
43 100
61 23.0 20.4 30.6
87 10.9 11.2 16.8

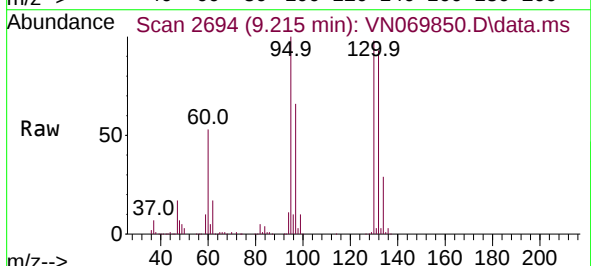
Manual Integrations

APPROVED

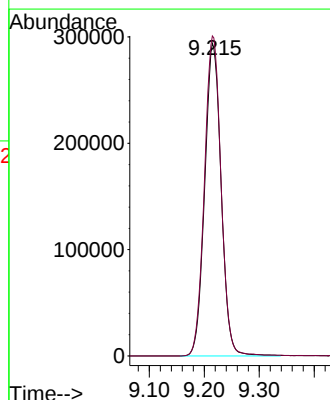
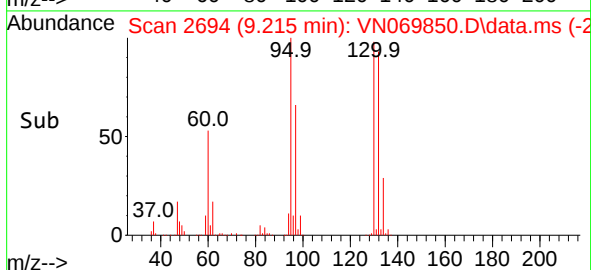
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

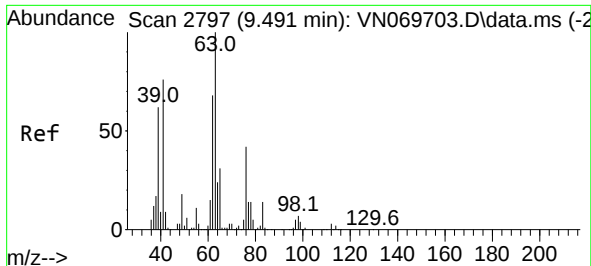


#44
Trichloroethene
Concen: 49.236 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



Tgt Ion:130 Resp: 610271
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.014 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 69745

Ion Ratio Lower Upper

63 100

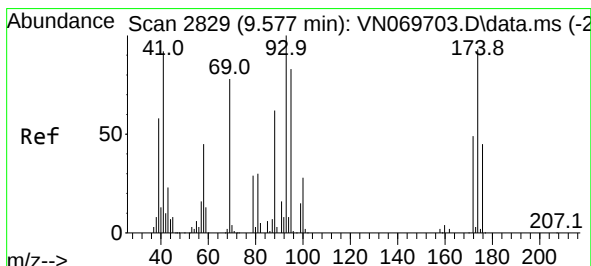
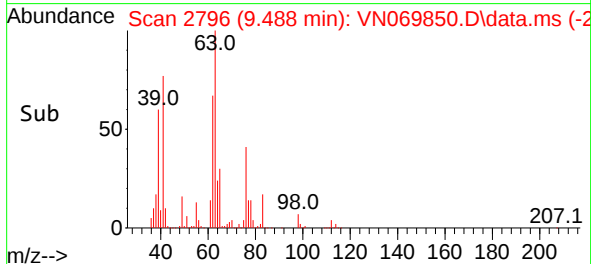
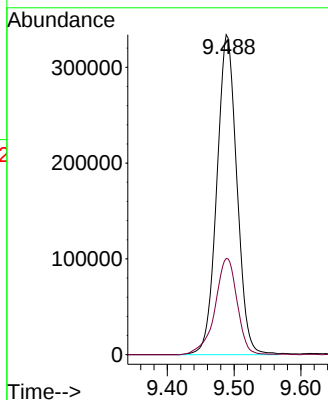
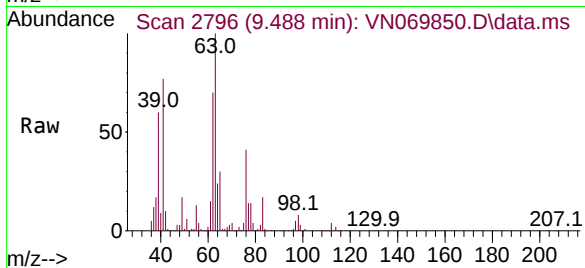
65 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 48.638 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

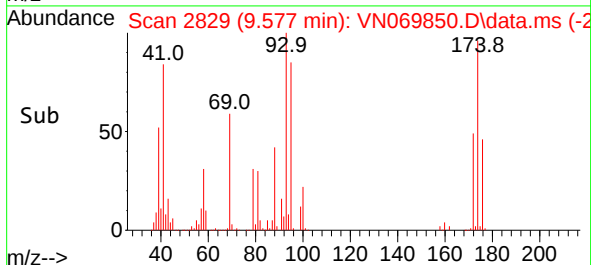
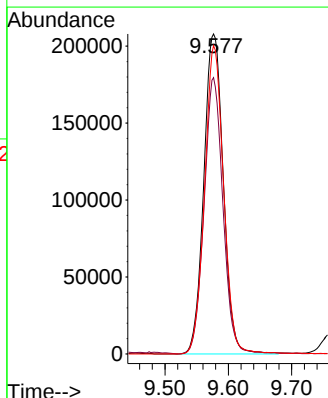
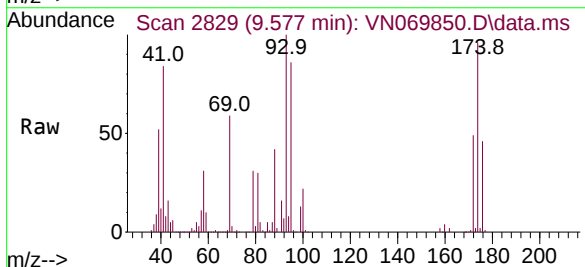
Tgt Ion: 93 Resp: 444830

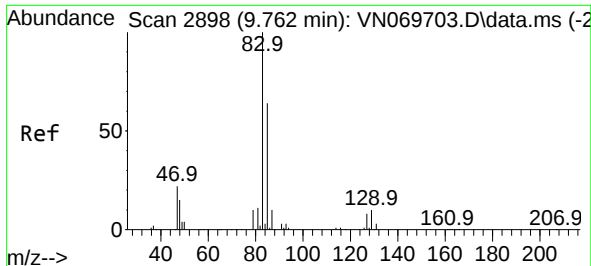
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

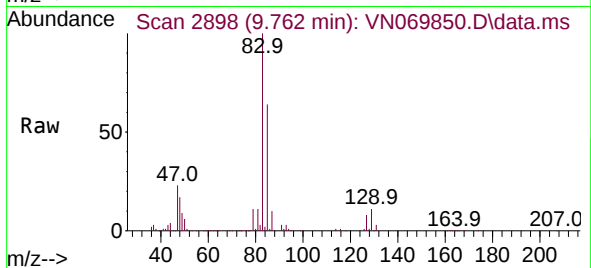
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 51.595 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

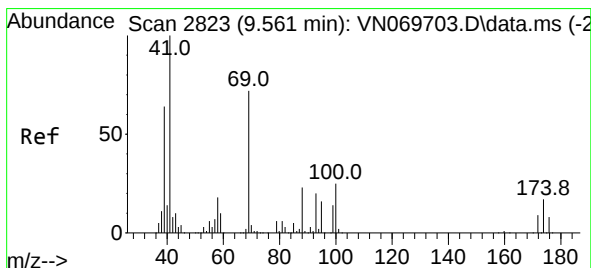
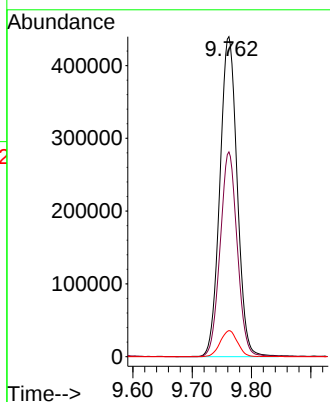
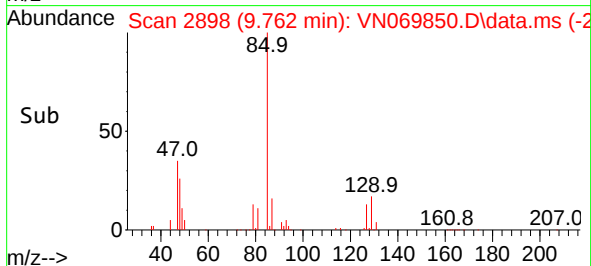
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 893428
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.1 7.1 10.7

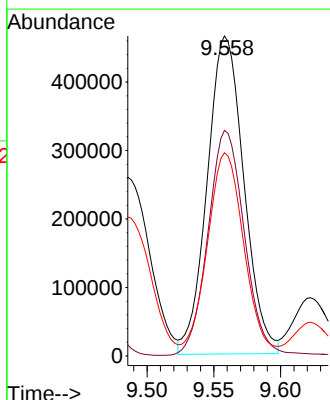
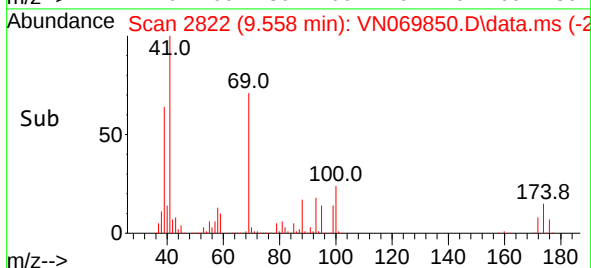
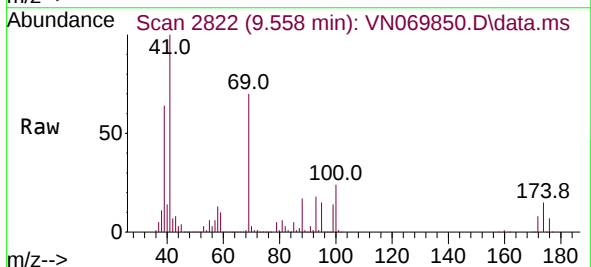
Manual Integrations
APPROVED

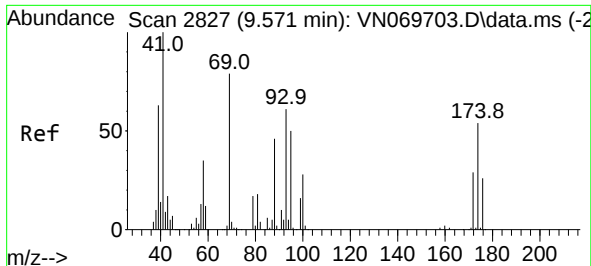
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 50.876 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

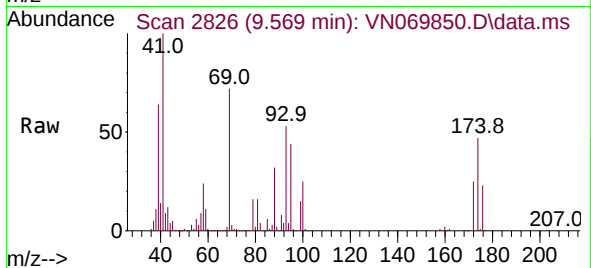
Tgt Ion: 41 Resp: 888462
Ion Ratio Lower Upper
41 100
69 70.6 72.4 108.6#
39 63.6 58.4 87.6





#49
1,4-Dioxane
Concen: 736.201 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

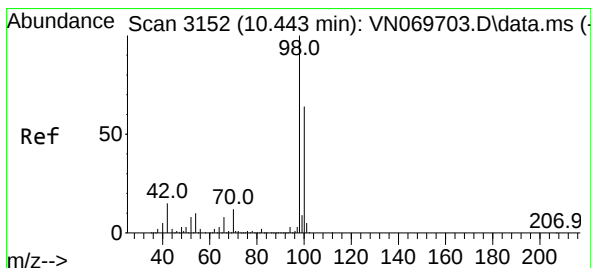
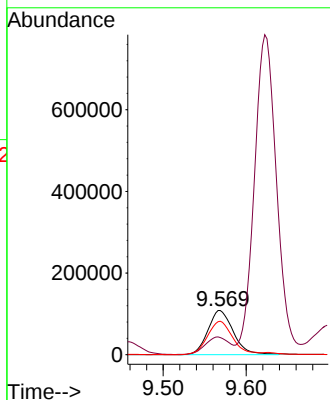
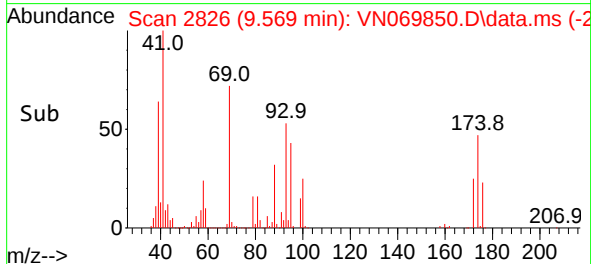
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 230684
Ion Ratio Lower Upper
88 100
43 36.7 23.4 35.2
58 75.1 50.6 75.8

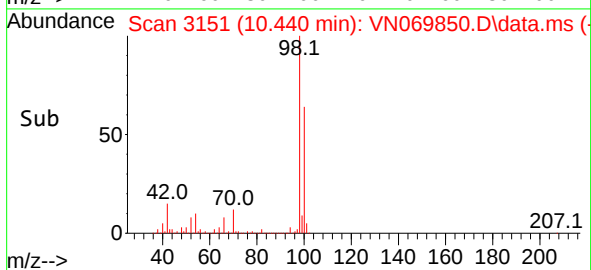
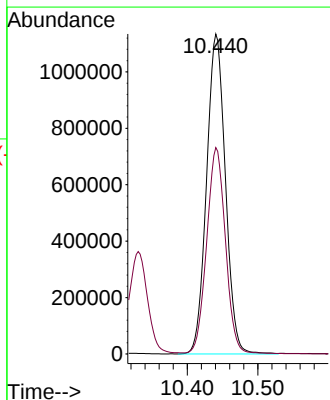
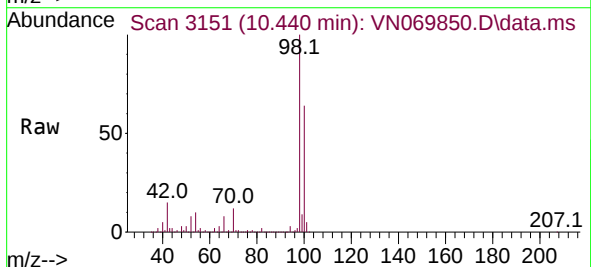
Manual Integrations
APPROVED

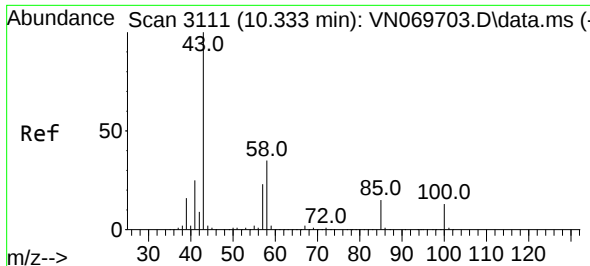
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 46.893 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

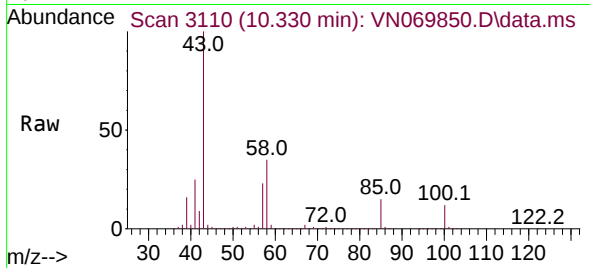
Tgt Ion: 98 Resp: 2104860
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 233.334 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

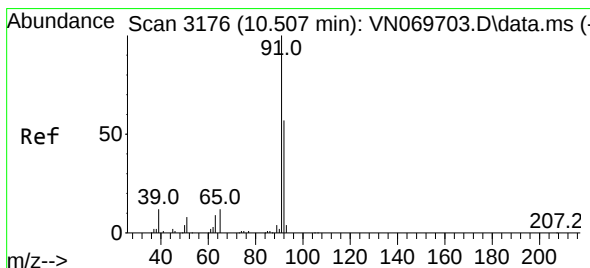
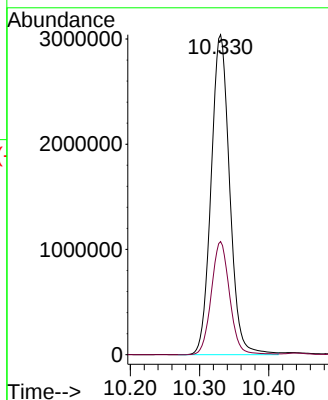
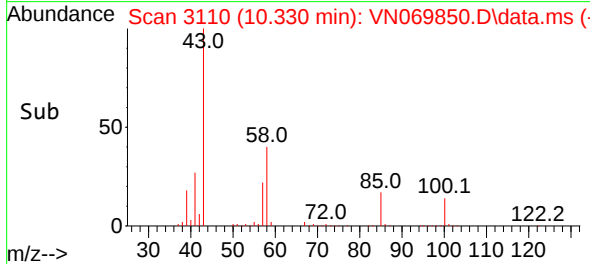
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



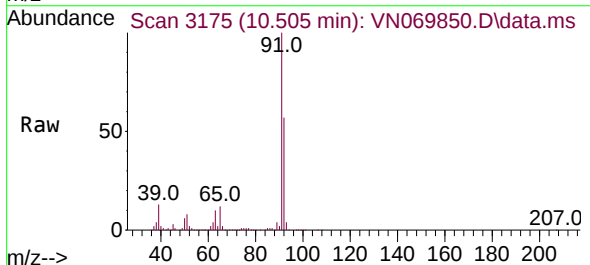
Tgt Ion: 43 Resp: 566434
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

Manual Integrations
APPROVED

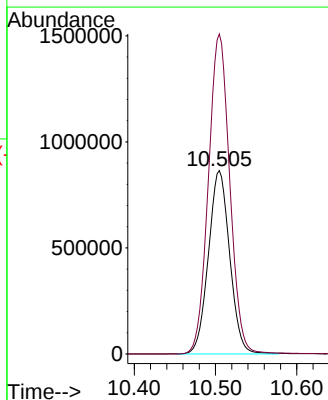
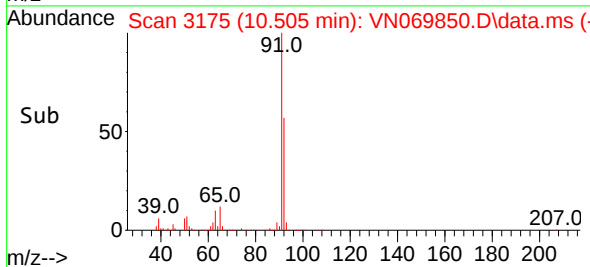
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

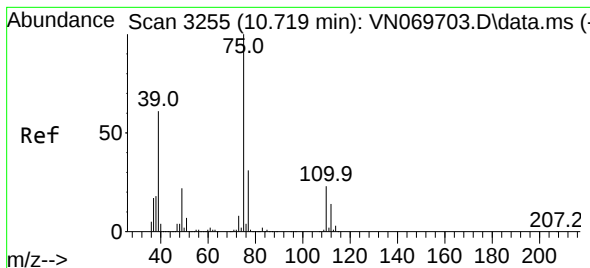


#52
Toluene
Concen: 49.584 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



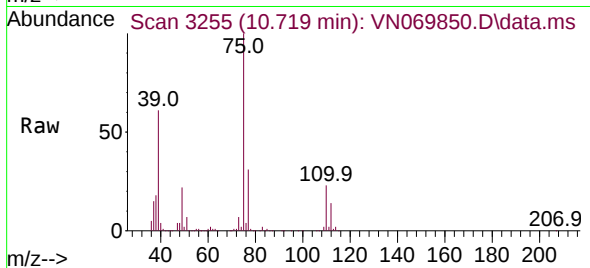
Tgt Ion: 92 Resp: 1572050
Ion Ratio Lower Upper
92 100
91 175.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 44.878 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

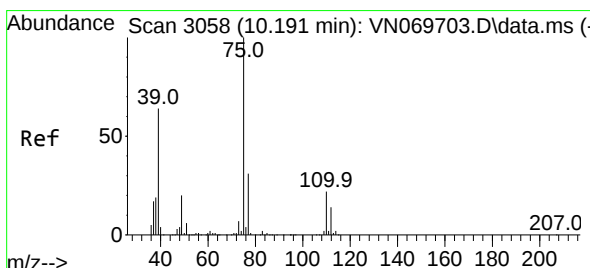
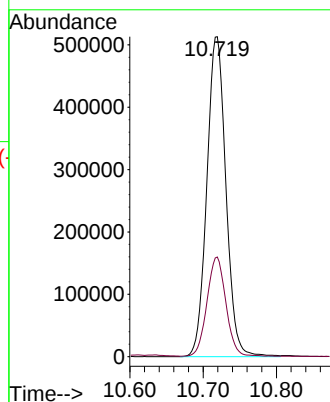
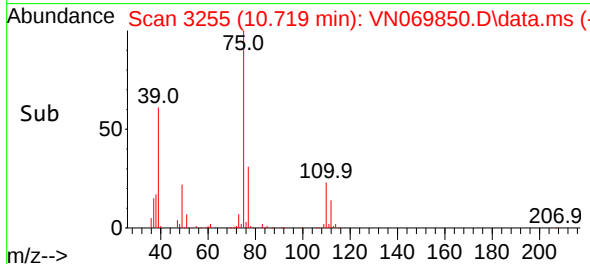
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



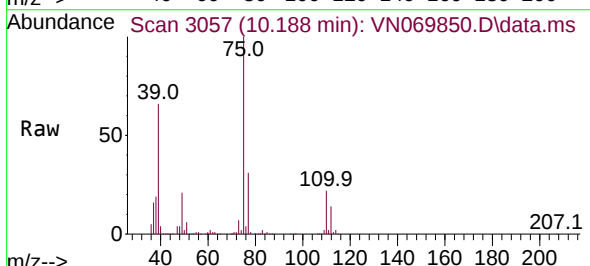
Tgt Ion: 75 Resp: 928490
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

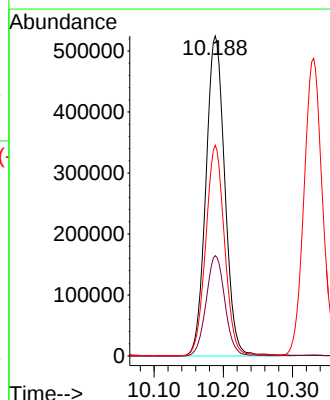
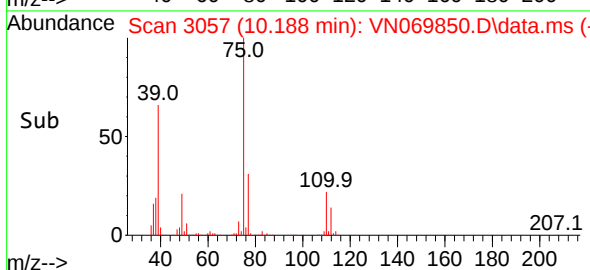
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

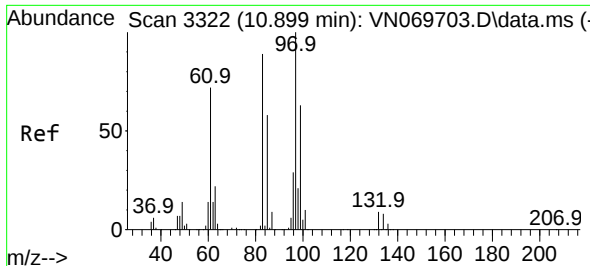


#54
cis-1,3-Dichloropropene
Concen: 45.794 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



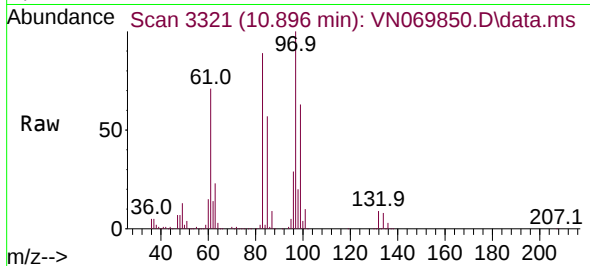
Tgt Ion: 75 Resp: 997281
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 65.7 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.474 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

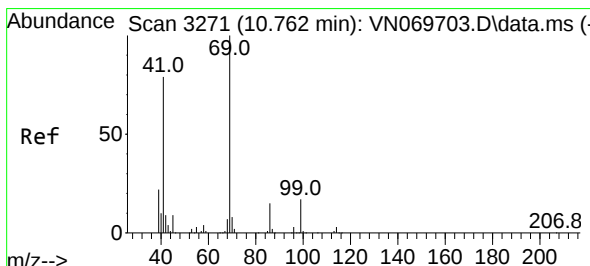
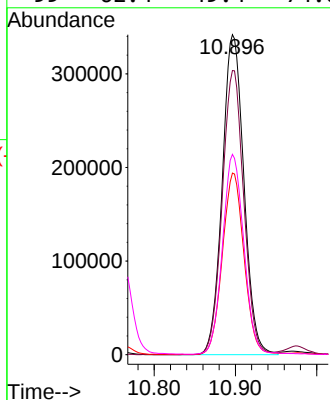
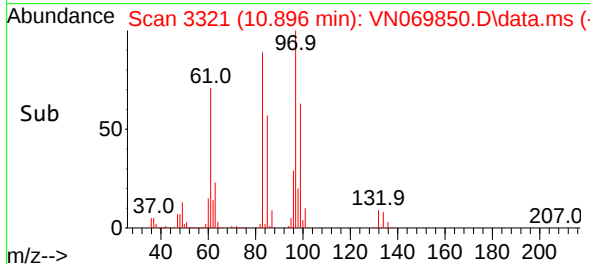
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 63288
Ion Ratio Lower Upper
97 100
83 88.8 67.8 101.6
85 56.7 45.4 68.2
99 62.4 49.4 74.0

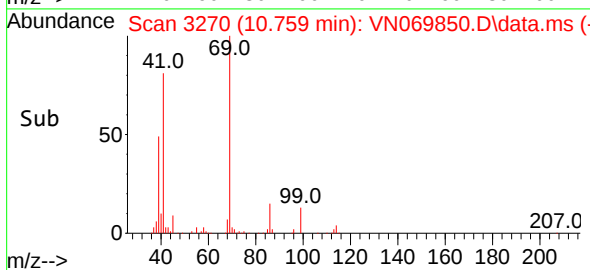
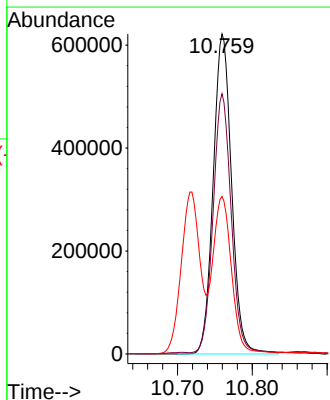
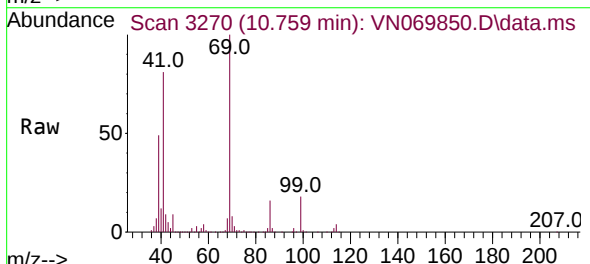
Manual Integrations
APPROVED

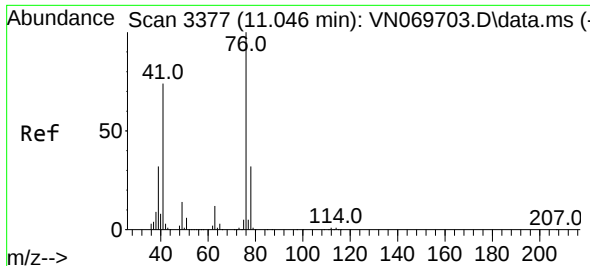
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#56
Ethyl methacrylate
Concen: 44.255 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 69 Resp: 1061549
Ion Ratio Lower Upper
69 100
41 79.4 51.4 77.0#
39 47.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 50.132 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069850.D

Acq: 8 Dec 2021 7:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1129184

Ion Ratio Lower Upper

76 100

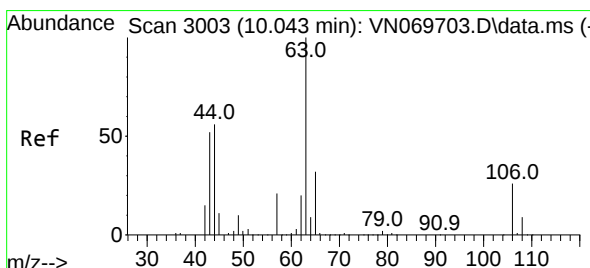
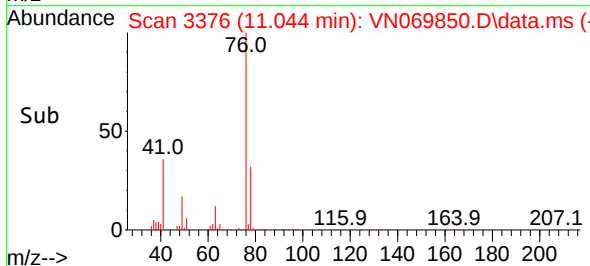
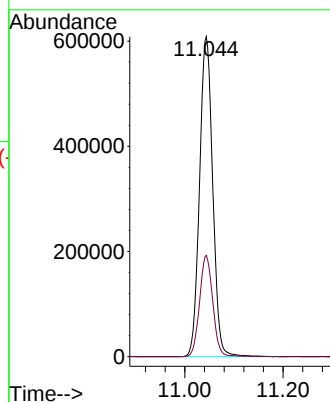
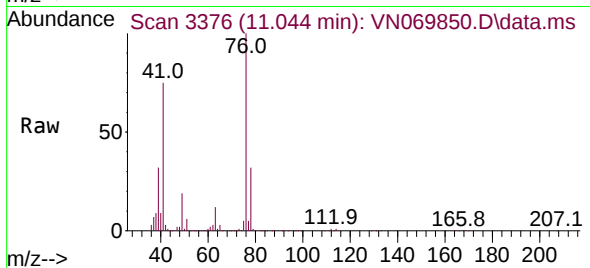
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 172.797 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069850.D

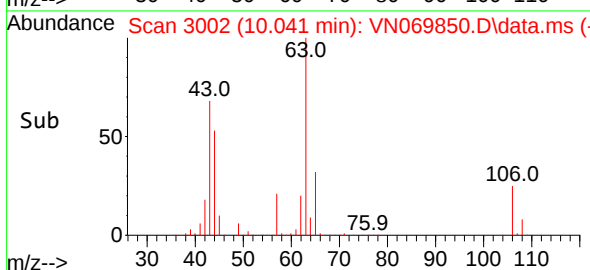
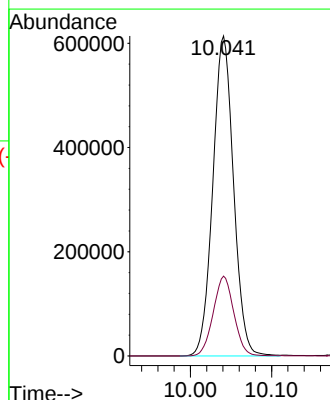
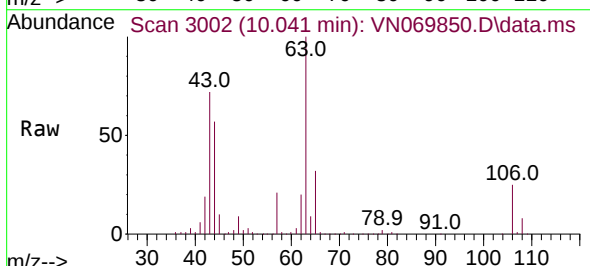
Acq: 8 Dec 2021 7:30

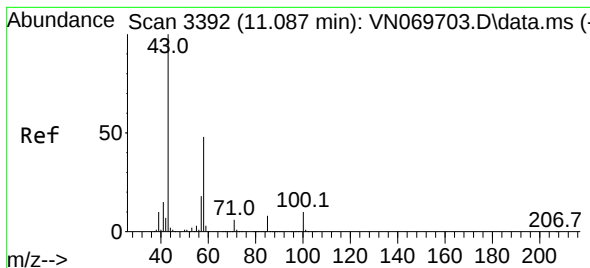
Tgt Ion: 63 Resp: 1086348

Ion Ratio Lower Upper

63 100

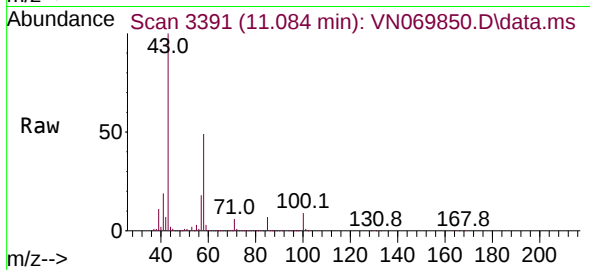
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 213.831 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

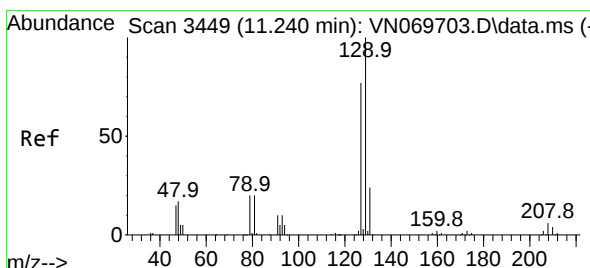
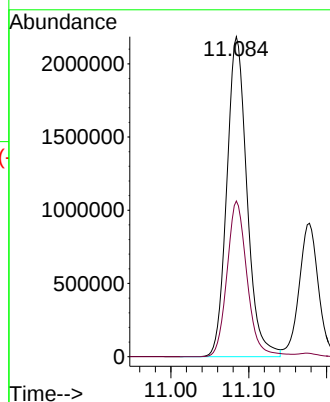
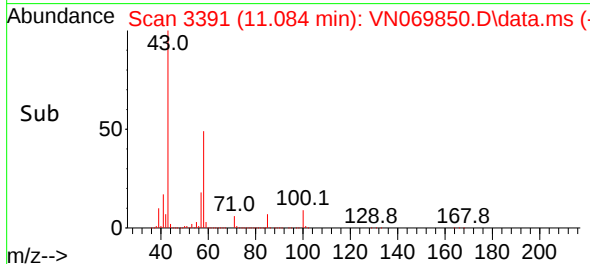
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3926752
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

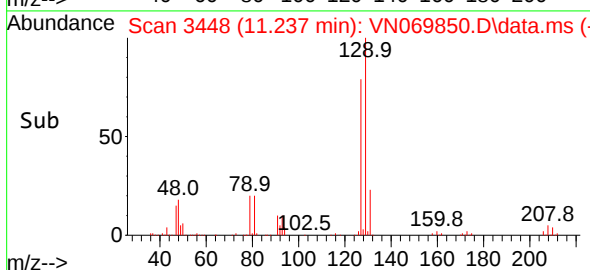
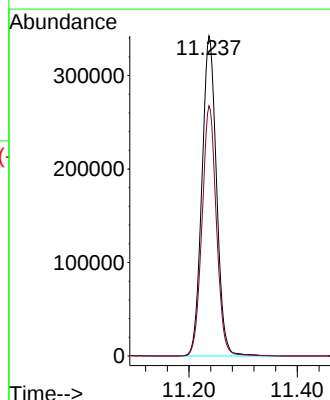
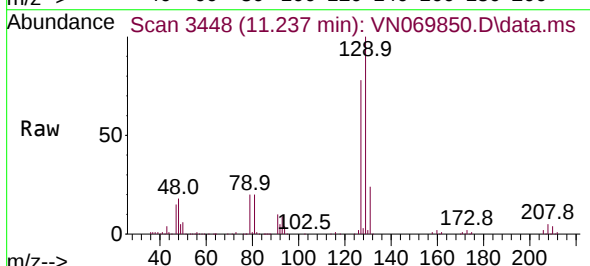
Manual Integrations
APPROVED

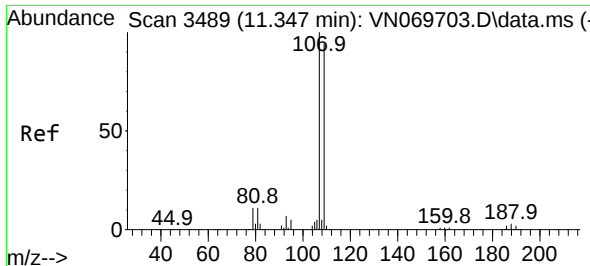
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 46.850 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

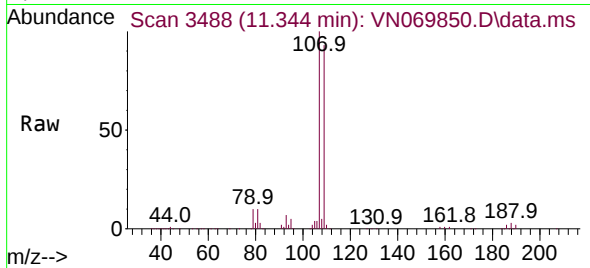
Tgt Ion:129 Resp: 639990
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.485 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

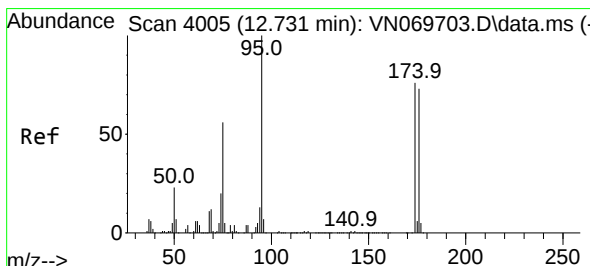
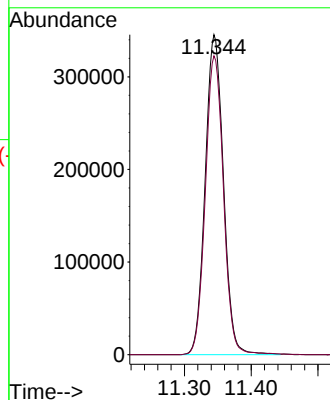
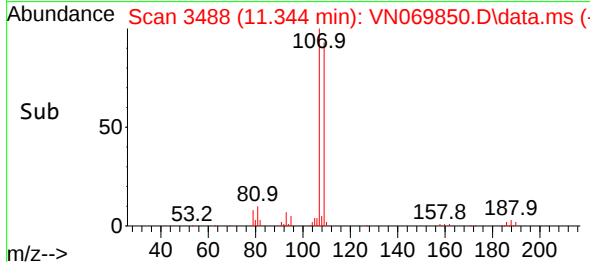
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 655659
Ion Ratio Lower Upper
107 100
109 92.7 75.7 113.5

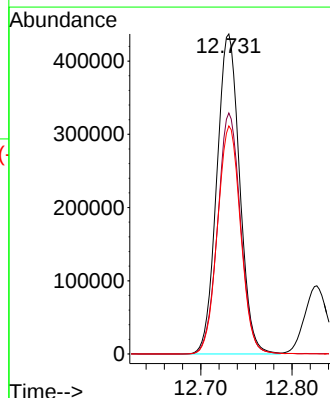
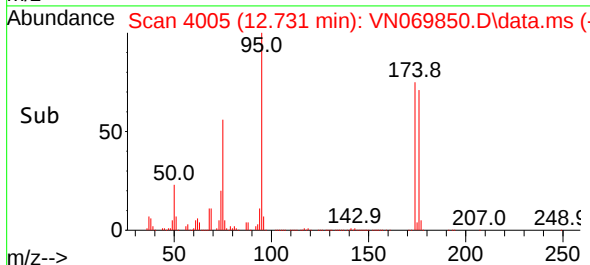
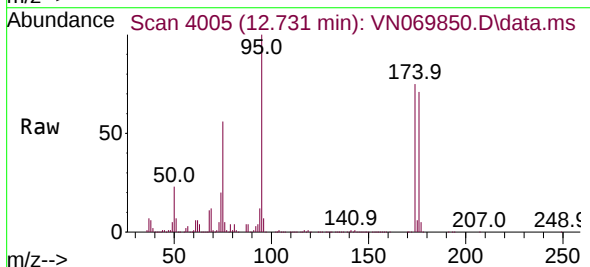
Manual Integrations
APPROVED

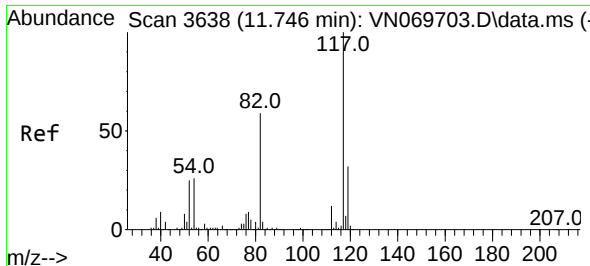
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 46.844 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

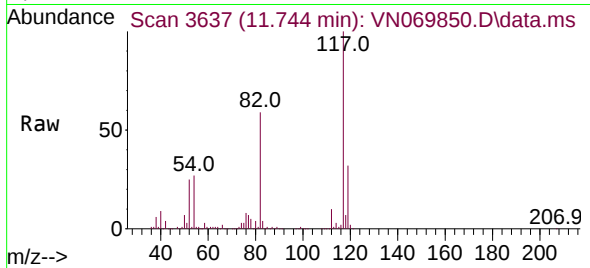
Tgt Ion: 95 Resp: 761749
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

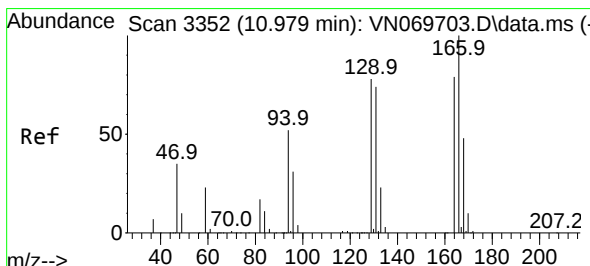
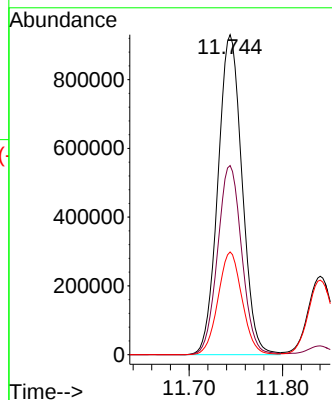
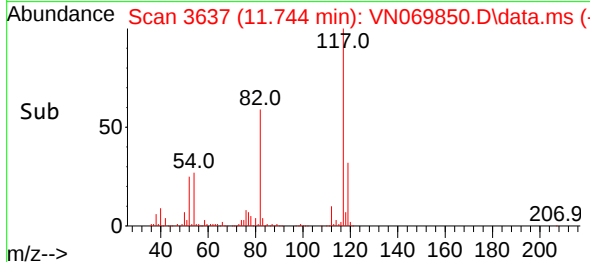
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1668390
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.1 25.4 38.2

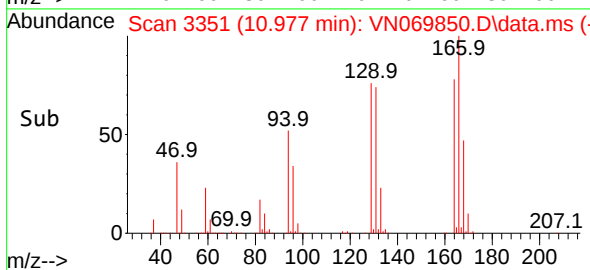
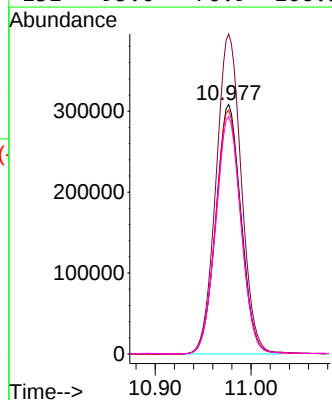
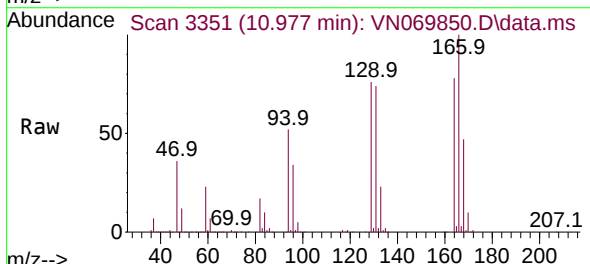
Manual Integrations
APPROVED

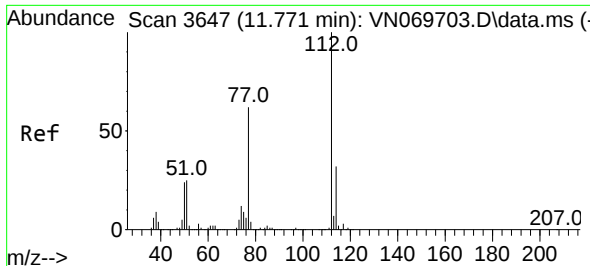
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 49.826 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

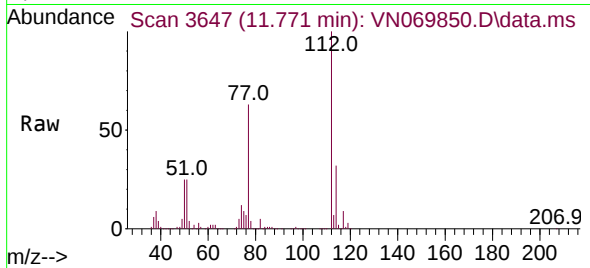
Tgt Ion:164 Resp: 563677
Ion Ratio Lower Upper
164 100
166 128.2 101.9 152.9
129 97.7 72.0 108.0
131 95.0 70.9 106.3





#65
Chlorobenzene
Concen: 49.305 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

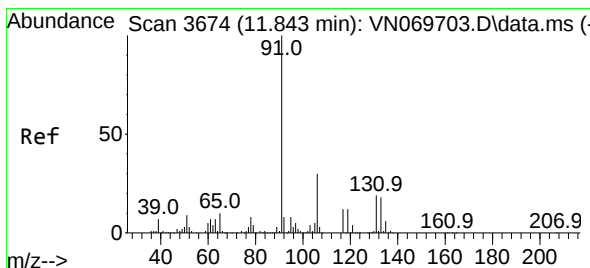
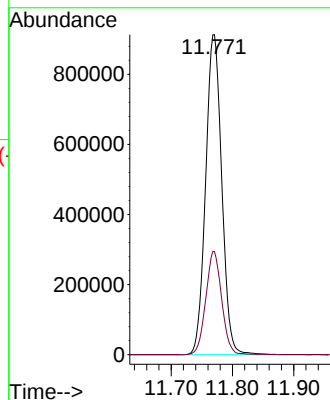
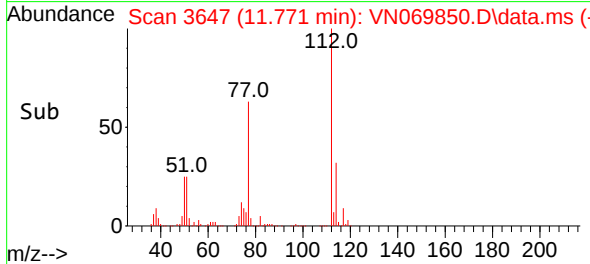
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



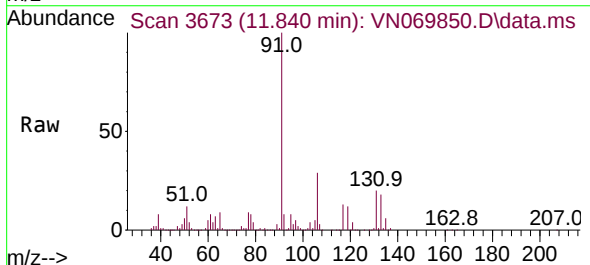
Tgt Ion:112 Resp: 1668818
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

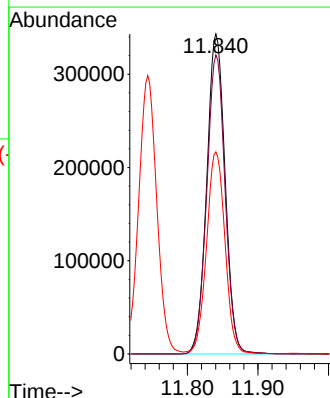
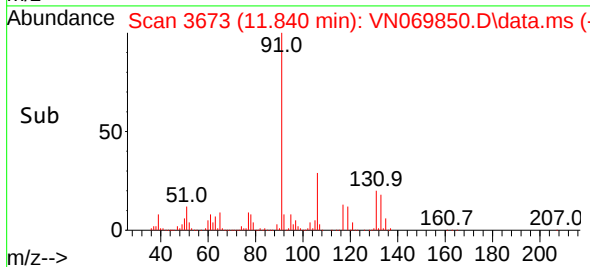
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

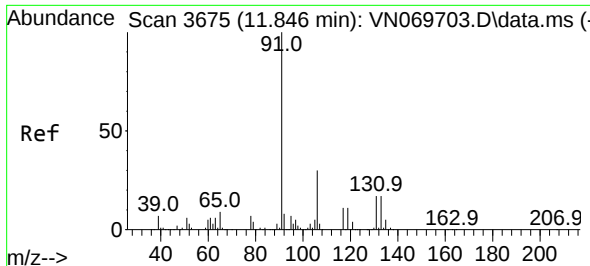


#66
1,1,1,2-Tetrachloroethane
Concen: 52.124 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



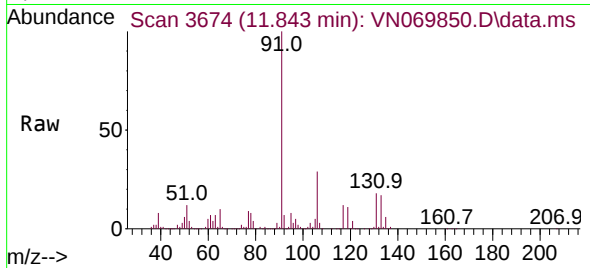
Tgt Ion:131 Resp: 620956
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 63.4 32.1 96.5





#67
Ethyl Benzene
Concen: 51.217 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

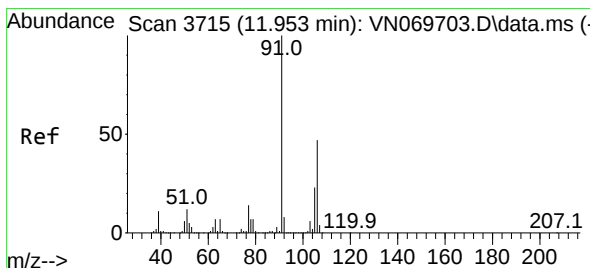
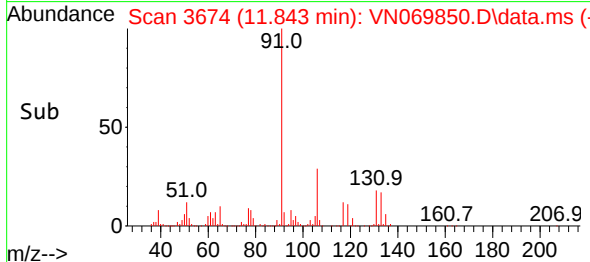
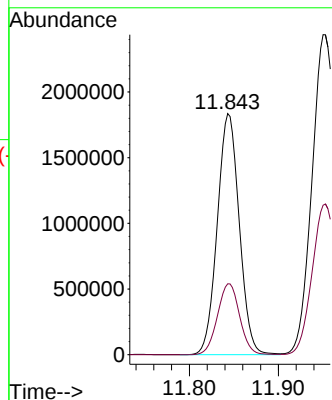
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 314890
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

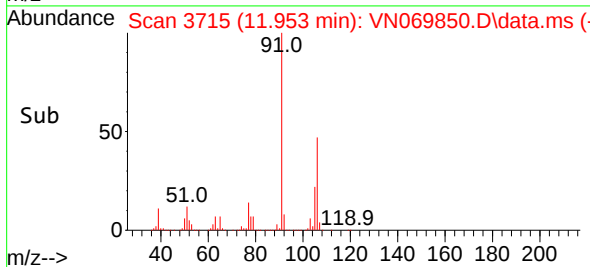
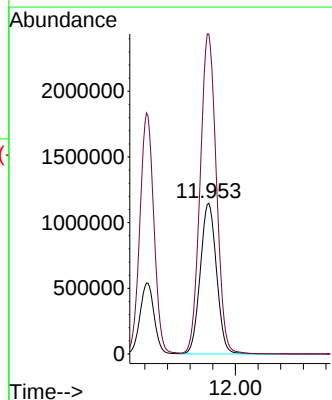
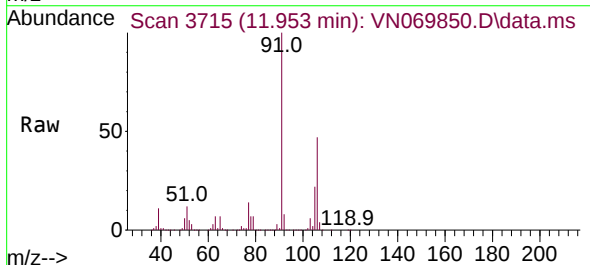
Manual Integrations
APPROVED

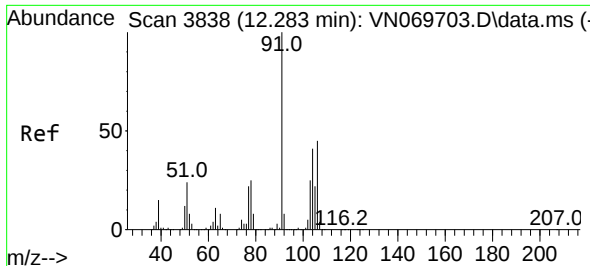
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 101.895 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion:106 Resp: 2281010
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8





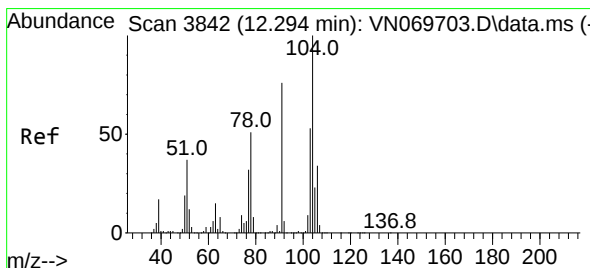
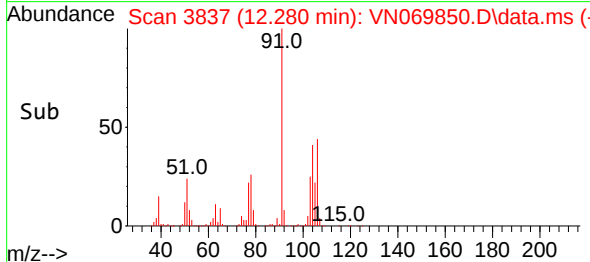
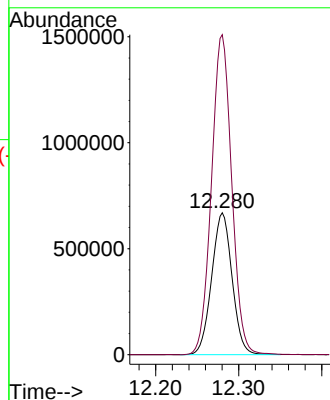
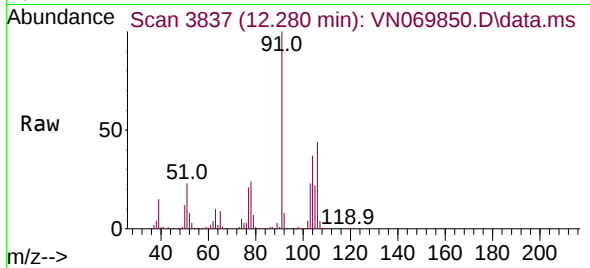
#69
o-Xylene
Concen: 50.672 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1142589
Ion Ratio Lower Upper
106 100
91 223.5 105.8 317.3

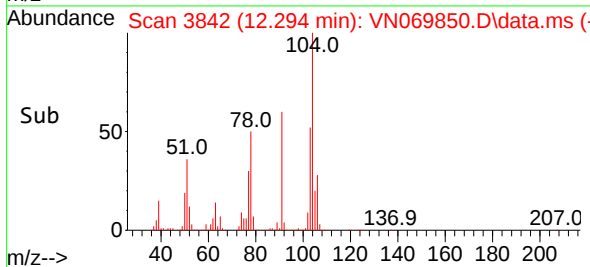
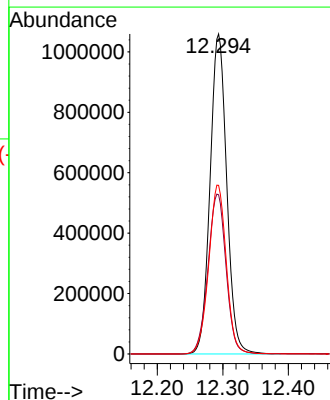
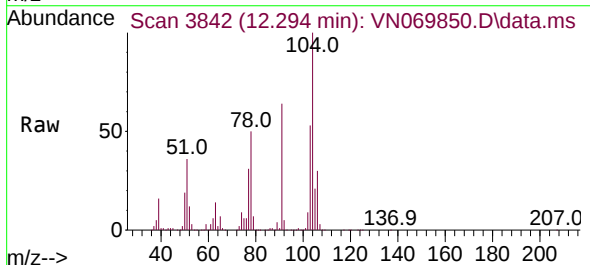
Manual Integrations
APPROVED

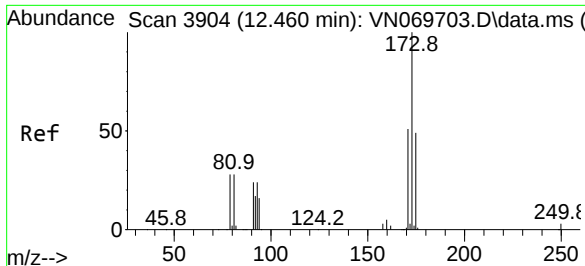
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 52.254 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

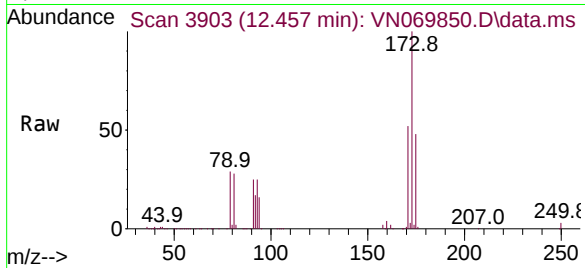
Tgt Ion:104 Resp: 1868364
Ion Ratio Lower Upper
104 100
78 54.3 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 45.273 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

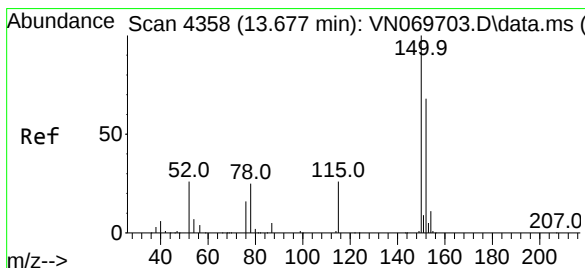
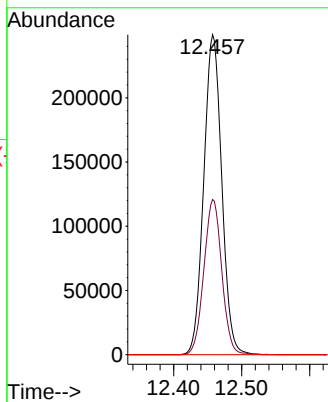
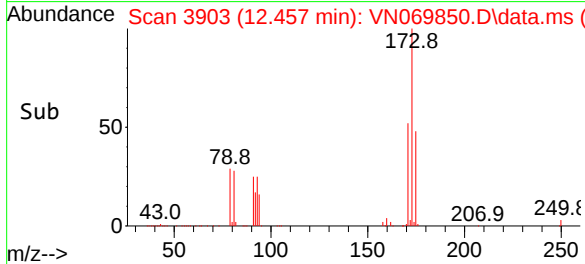
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



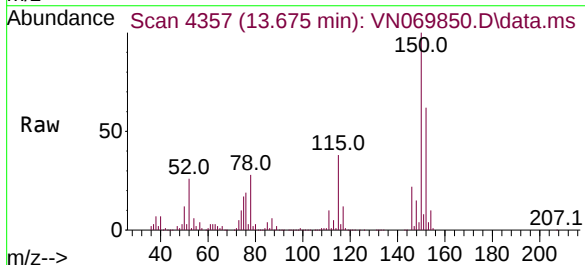
Tgt Ion:173 Resp: 458511
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

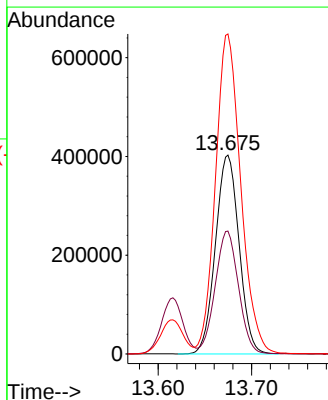
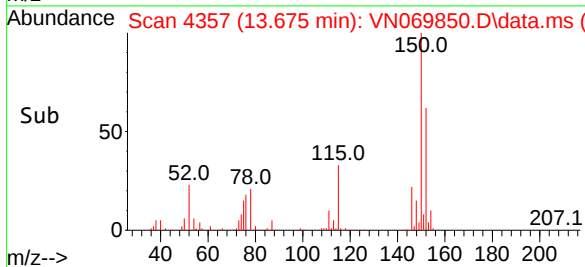
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

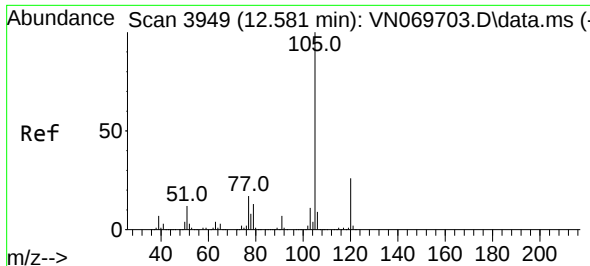


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



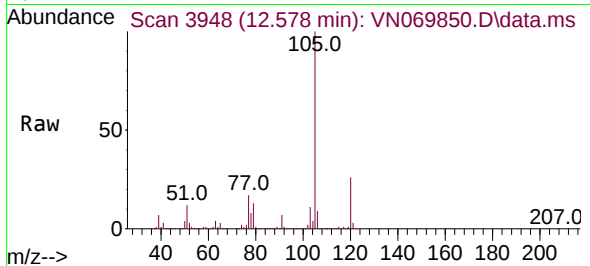
Tgt Ion:152 Resp: 707939
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 172.8 0.0 344.4





#73
Isopropylbenzene
Concen: 47.892 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

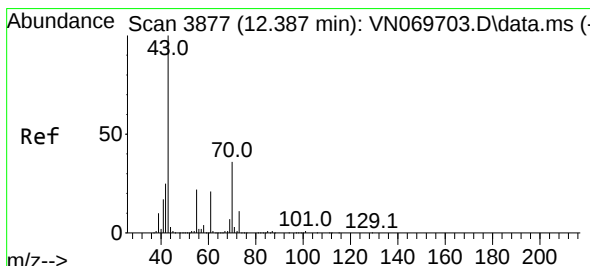
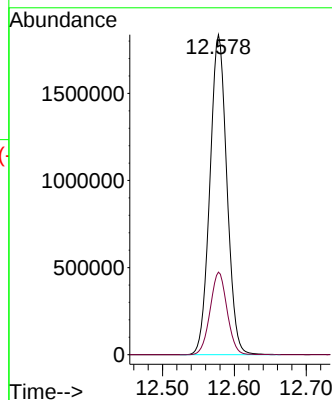
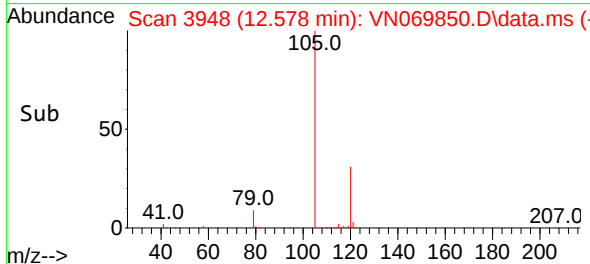
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 301658
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

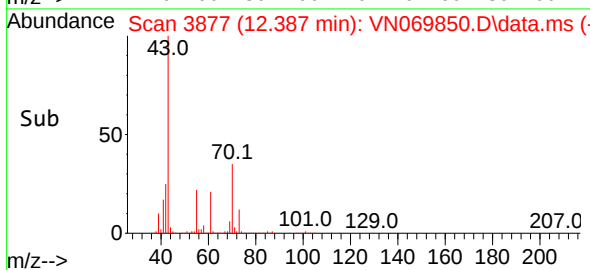
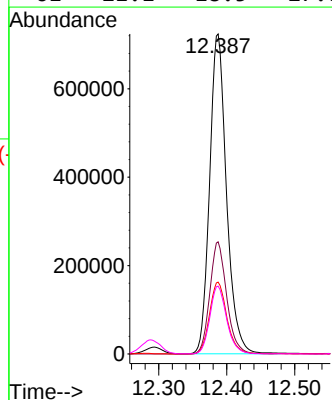
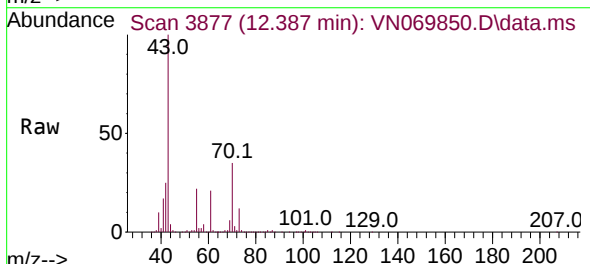
Manual Integrations
APPROVED

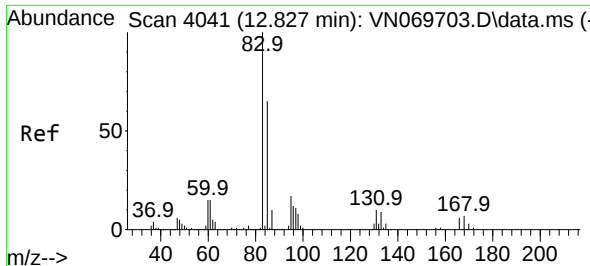
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-aryl acetate
Concen: 44.835 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

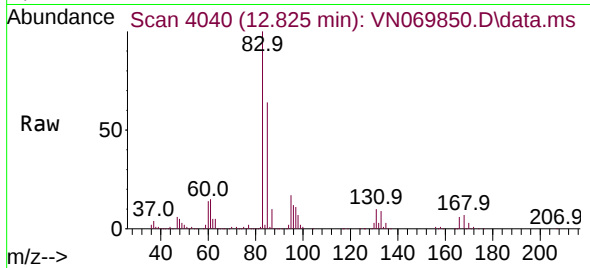
Tgt Ion: 43 Resp: 1248902
Ion Ratio Lower Upper
43 100
70 35.1 33.4 50.0
55 23.2 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.725 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

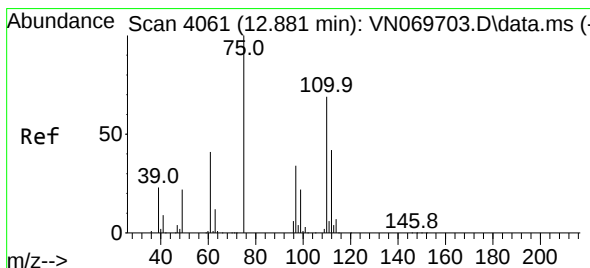
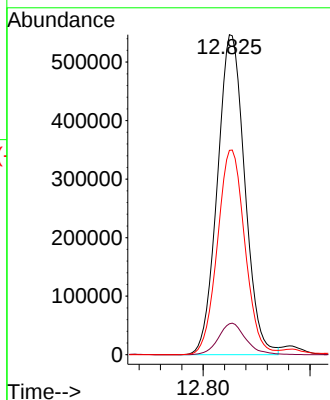
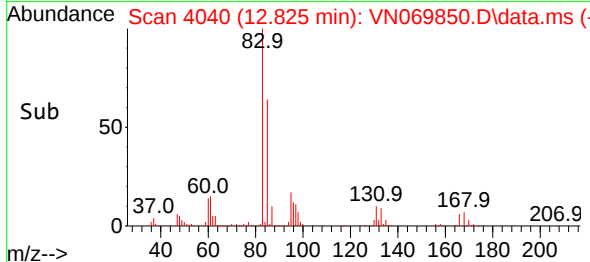
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



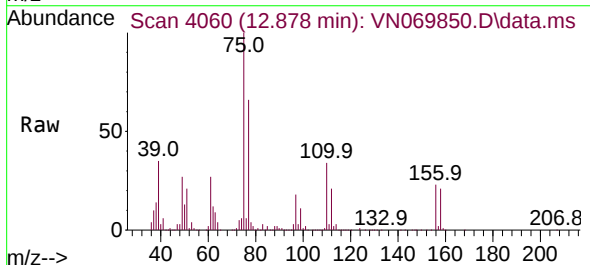
Tgt Ion: 83 Resp: 974145
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
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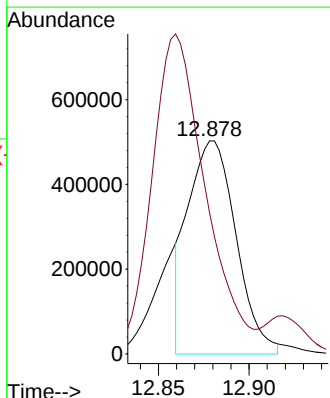
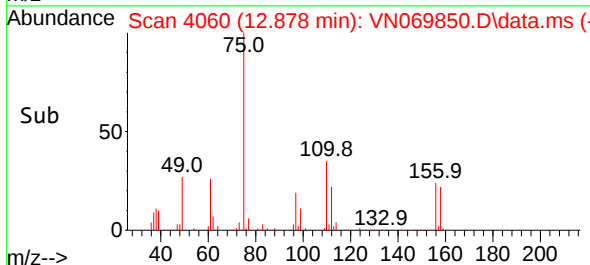
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

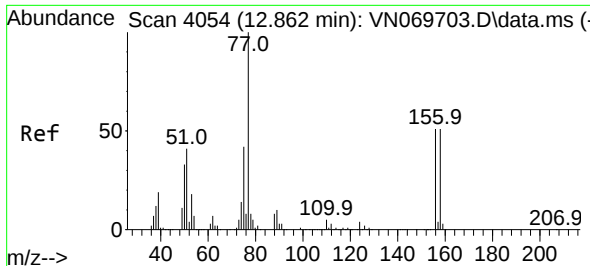


#76
1,2,3-Trichloropropane
Concen: 45.759 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



Tgt Ion: 75 Resp: 928997
Ion Ratio Lower Upper
75 100
77 166.6 82.6 247.8





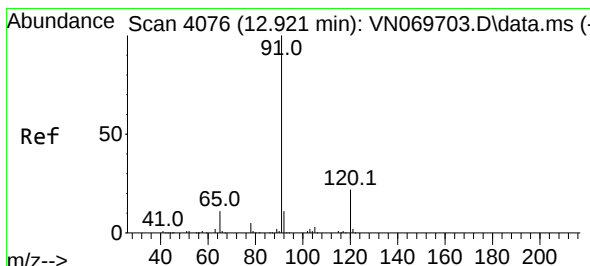
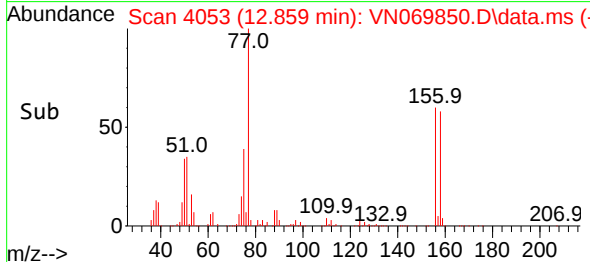
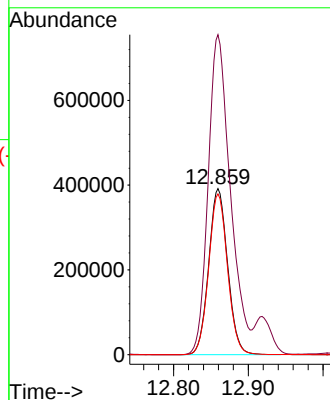
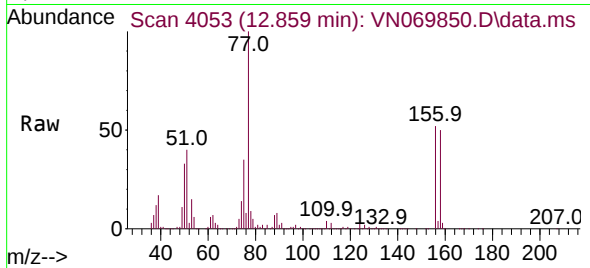
#77
Bromobenzene
Concen: 46.770 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 691952
Ion Ratio Lower Upper
156 100
77 223.6 90.6 271.8
158 96.3 48.9 146.7

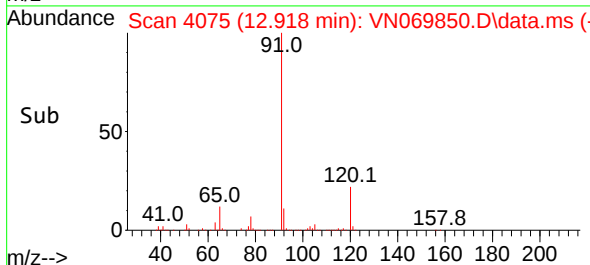
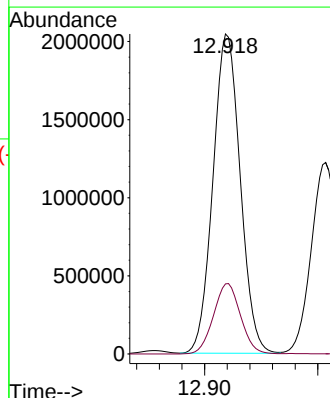
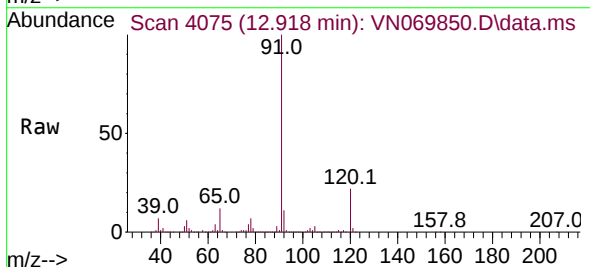
Manual Integrations
APPROVED

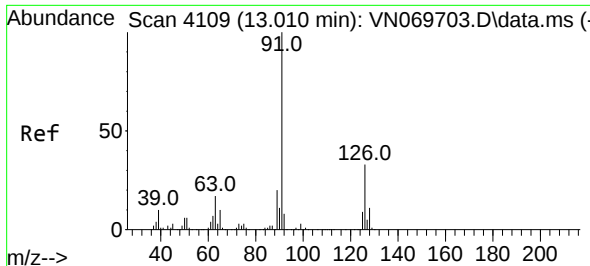
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#78
n-propylbenzene
Concen: 48.624 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Tgt Ion: 91 Resp: 3408041
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





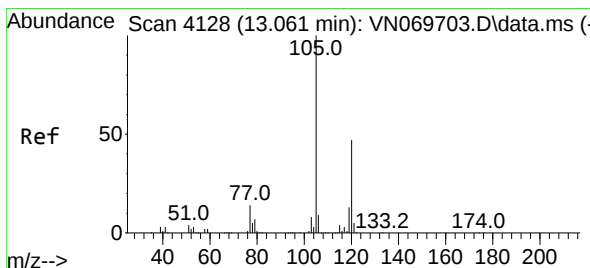
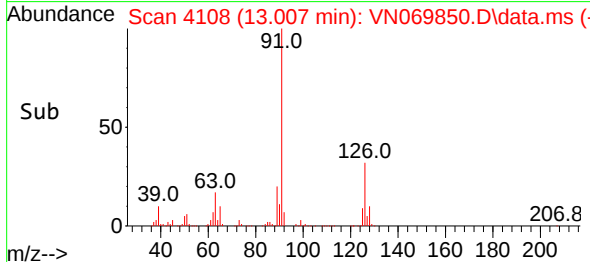
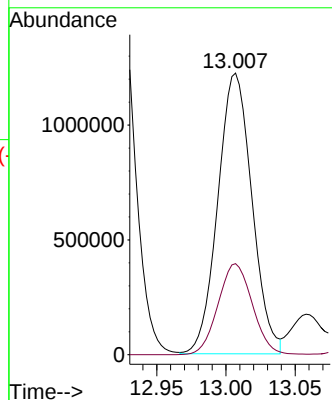
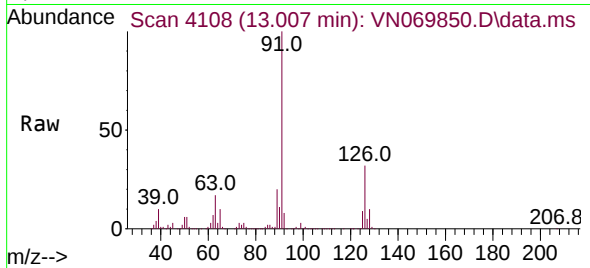
#79
2-Chlorotoluene
Concen: 47.374 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 209809
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

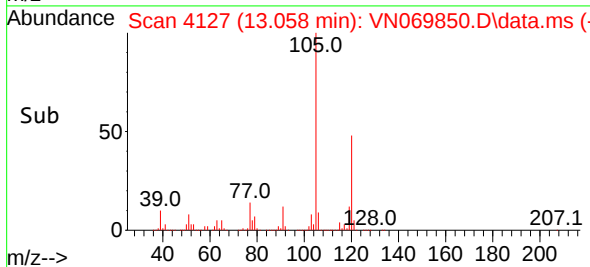
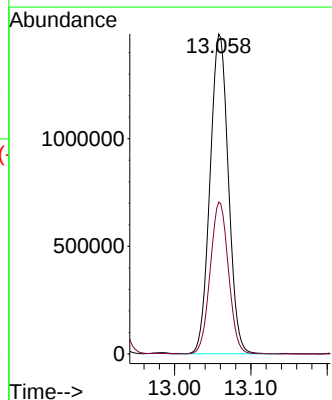
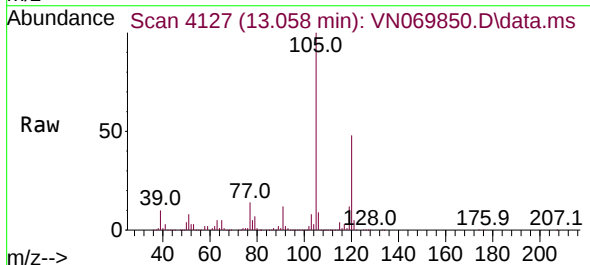
Manual Integrations
APPROVED

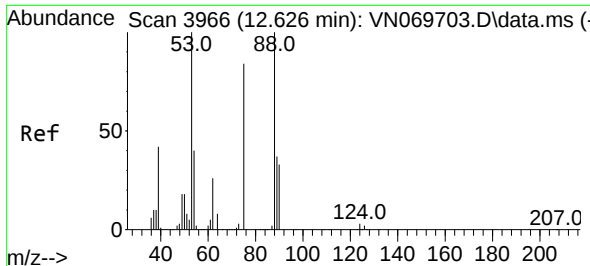
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 48.854 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

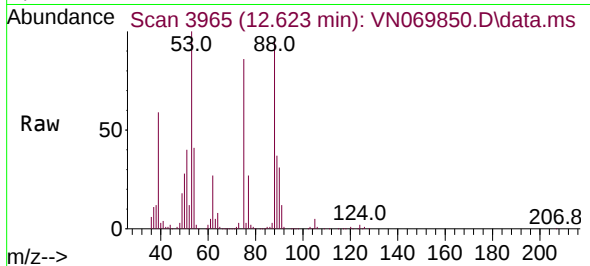
Tgt Ion:105 Resp: 2476756
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.987 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

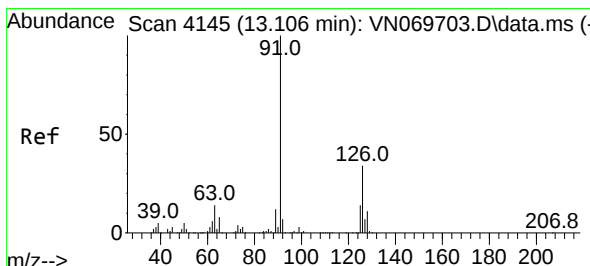
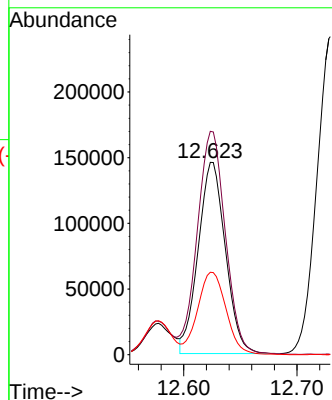
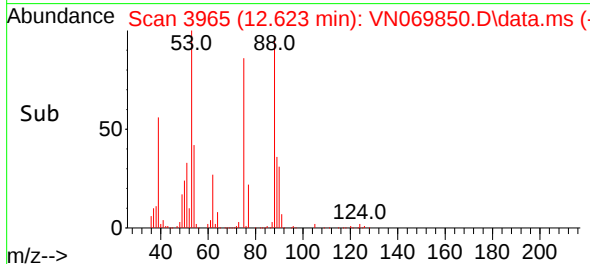
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 242552
Ion Ratio Lower Upper
75 100
53 121.5 90.5 135.7
89 45.5 38.2 57.4

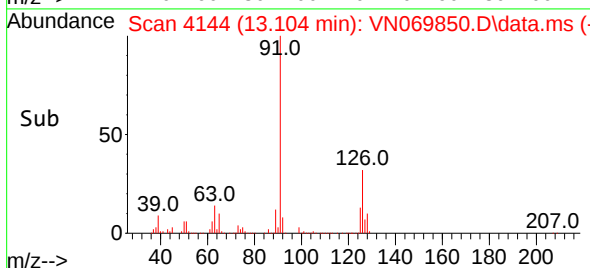
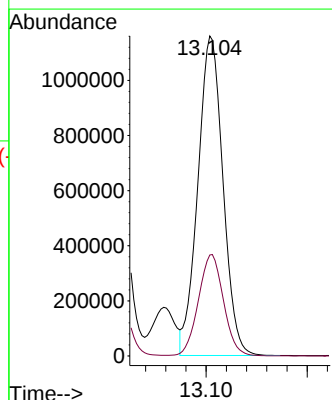
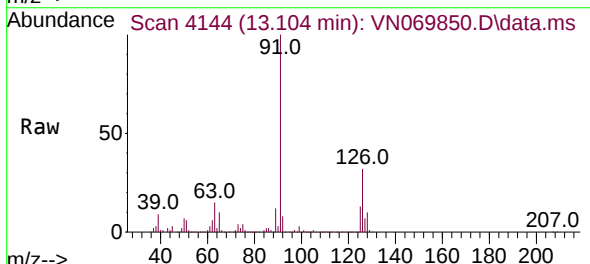
Manual Integrations
APPROVED

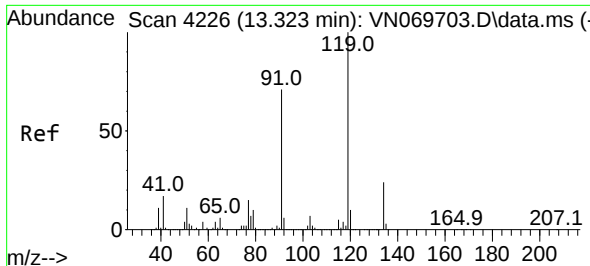
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 48.065 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

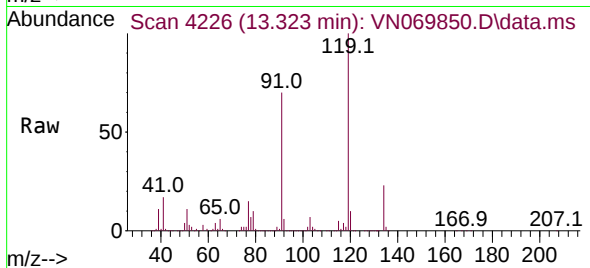
Tgt Ion: 91 Resp: 2001911
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.965 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

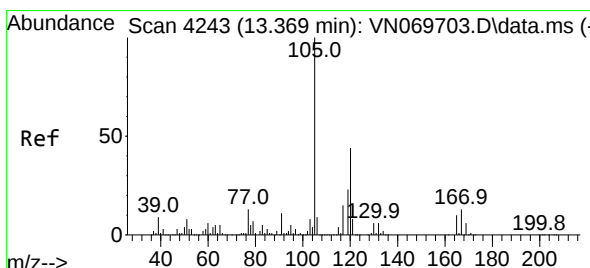
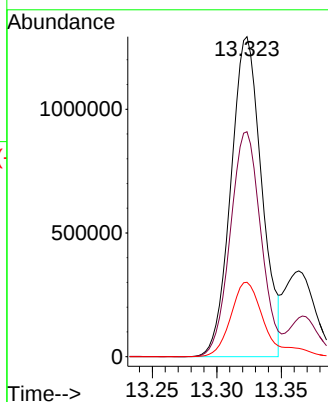
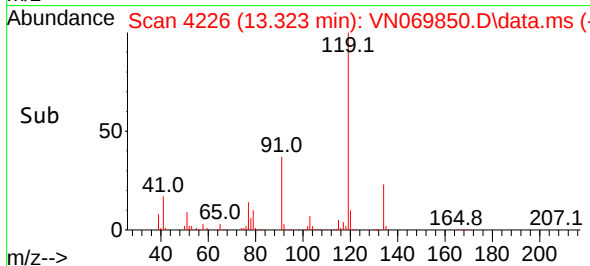
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



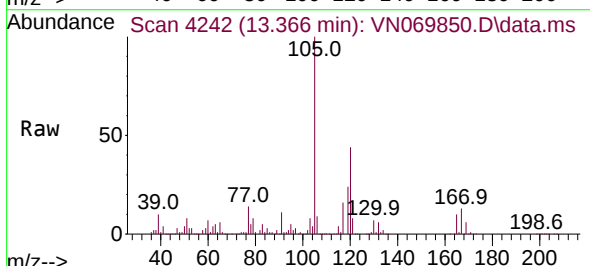
Tgt Ion:119 Resp: 215318
Ion Ratio Lower Upper
119 100
91 70.3 31.5 94.5
134 25.9 12.4 37.4

Manual Integrations
APPROVED

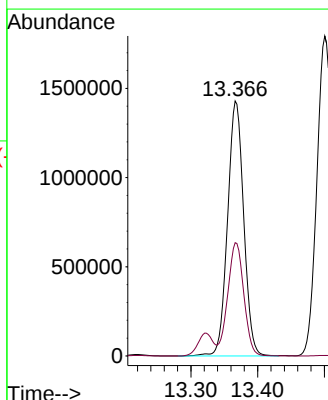
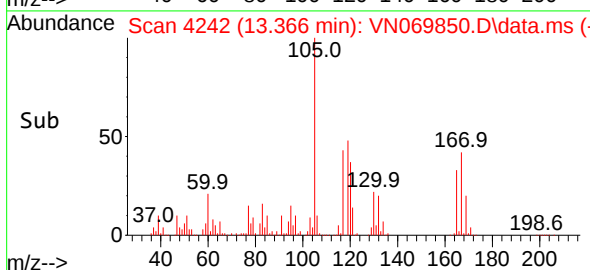
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

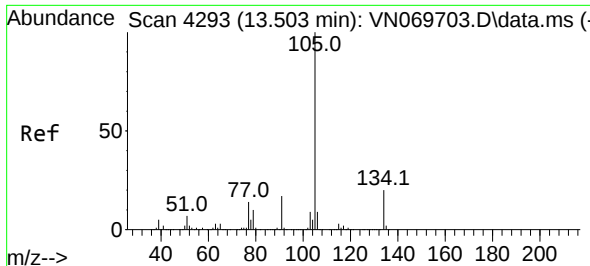


#84
1,2,4-Trimethylbenzene
Concen: 49.707 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



Tgt Ion:105 Resp: 2399931
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





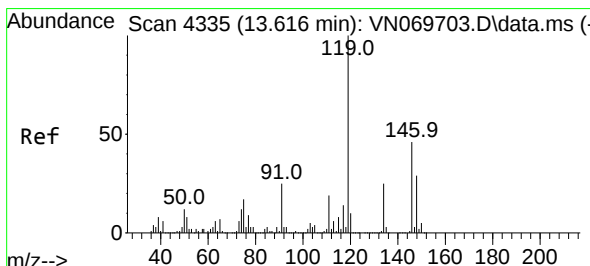
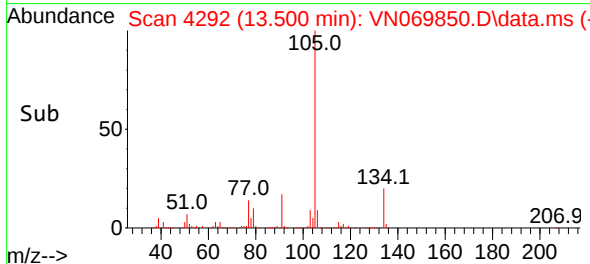
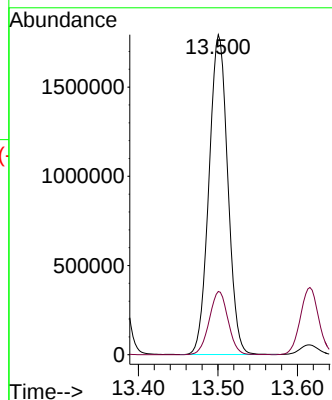
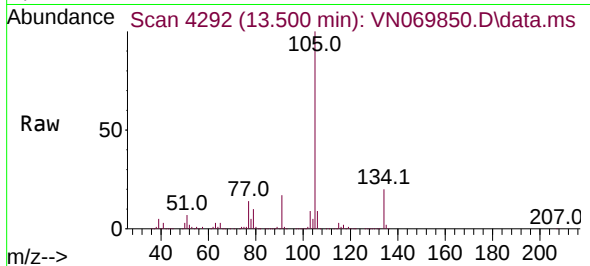
#85
 sec-Butylbenzene
 Concen: 48.413 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2947850
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

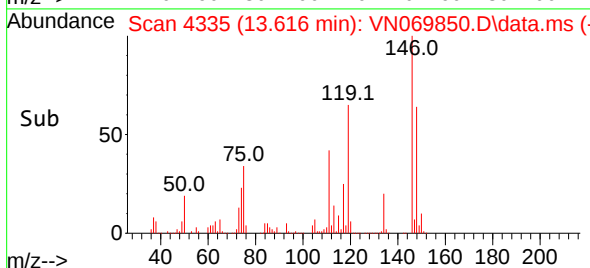
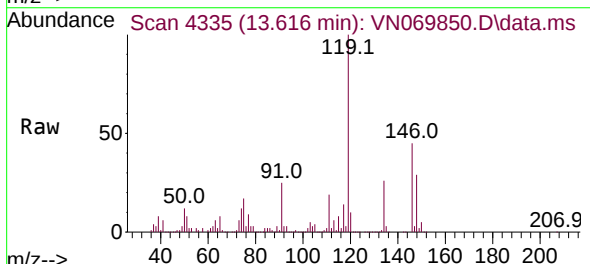
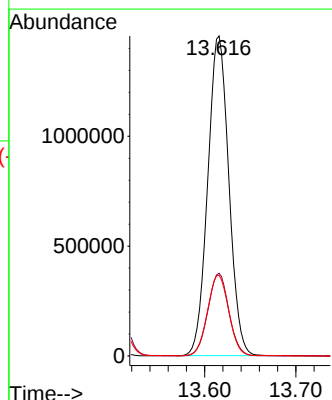
Manual Integrations
 APPROVED

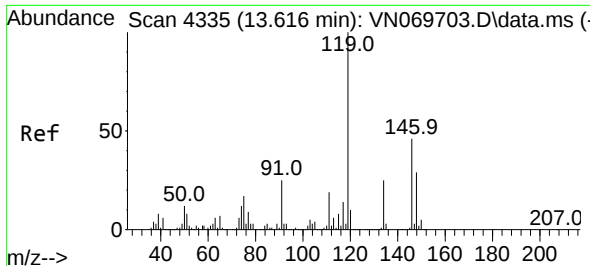
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 49.167 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069850.D
 Acq: 8 Dec 2021 7:30

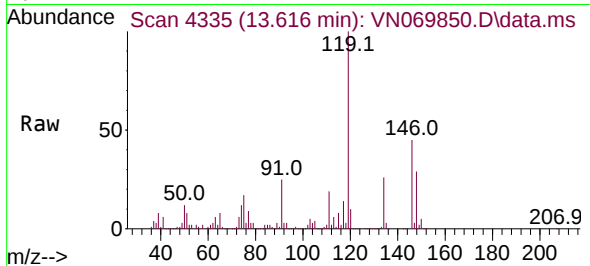
Tgt Ion:119 Resp: 2340130
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.888 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

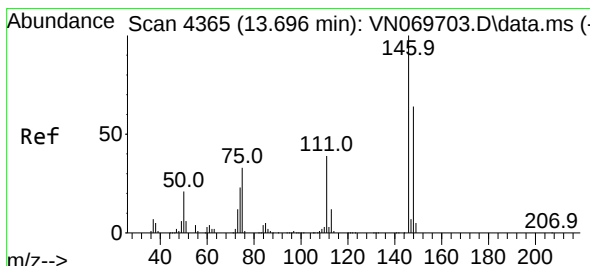
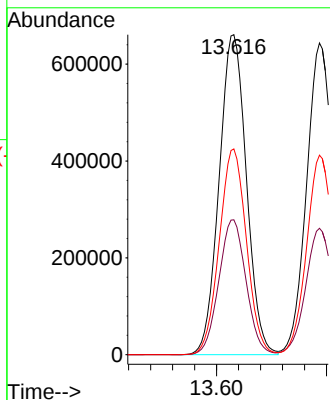
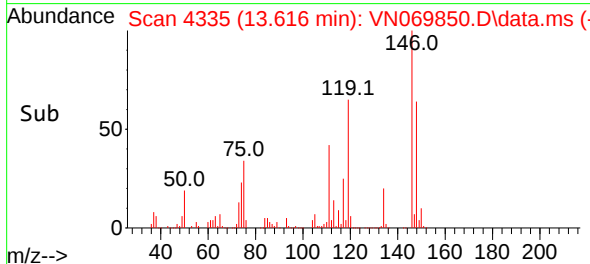
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



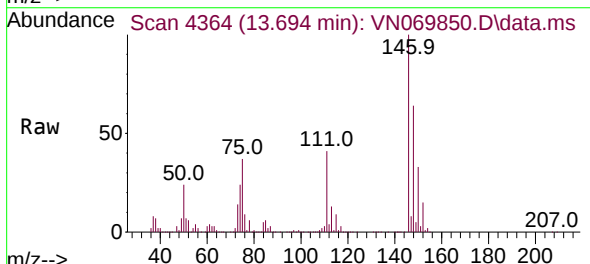
Tgt Ion:146 Resp: 113963
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
APPROVED

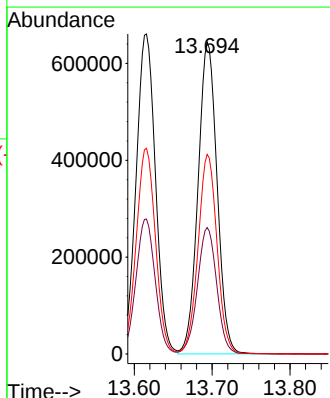
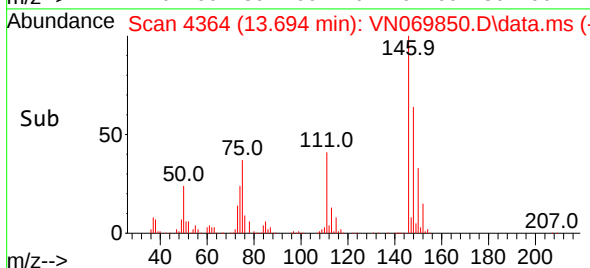
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

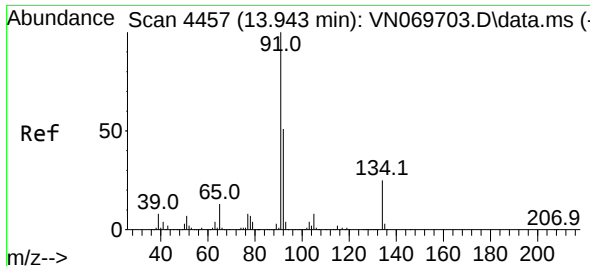


#88
1,4-Dichlorobenzene
Concen: 45.887 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



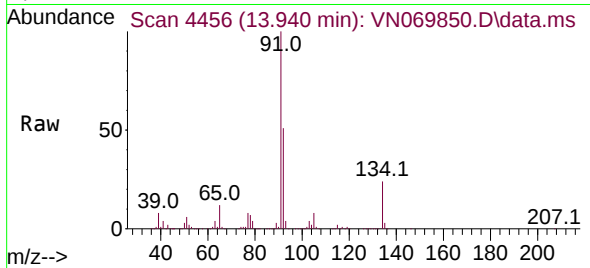
Tgt Ion:146 Resp: 1096044
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 47.565 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

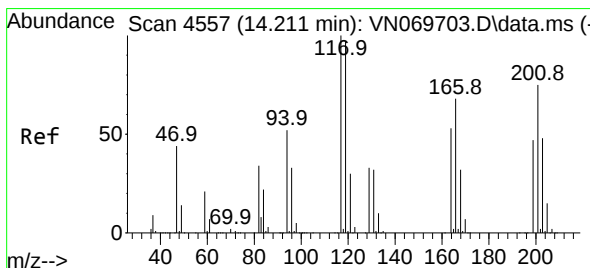
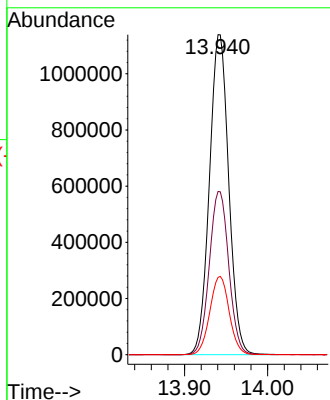
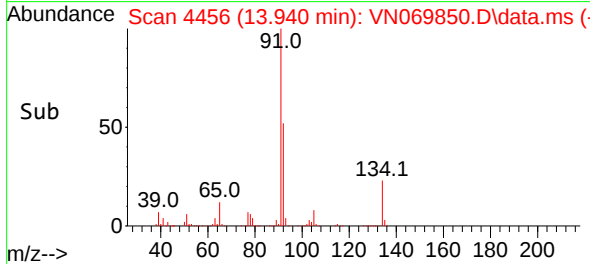
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1836430
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.6 13.6 40.8

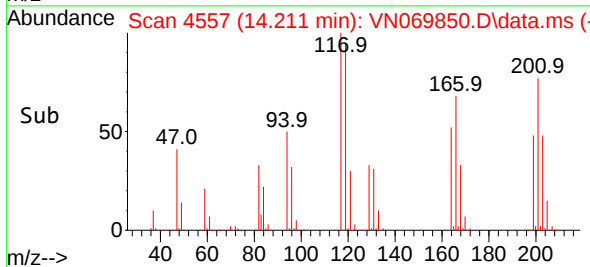
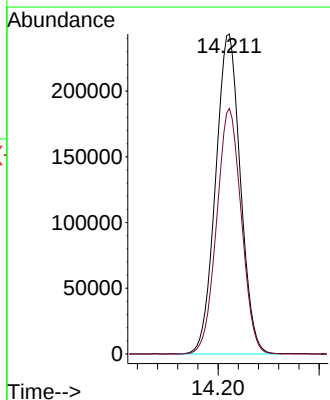
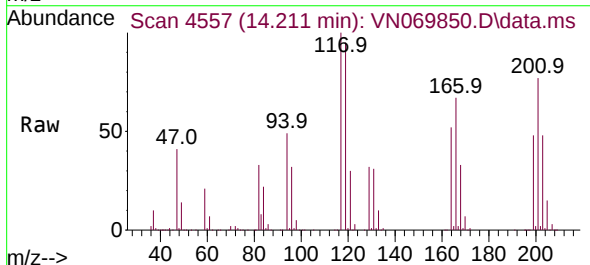
Manual Integrations
APPROVED

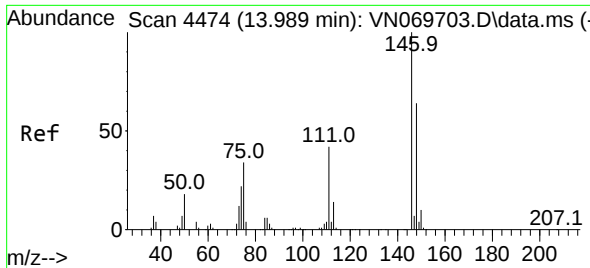
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 49.574 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

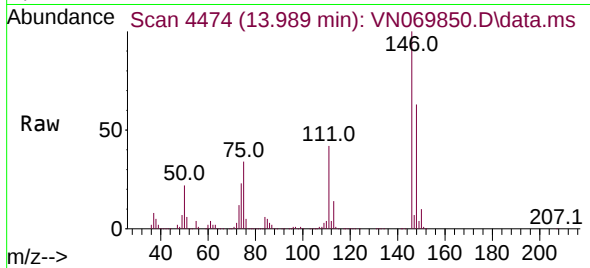
Tgt Ion:117 Resp: 414250
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.582 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

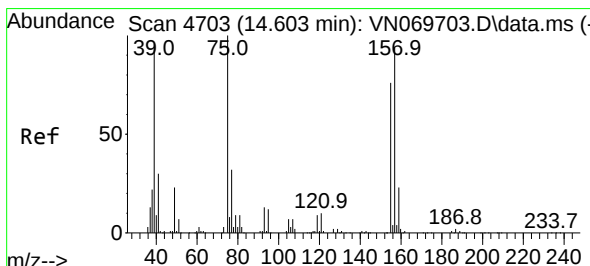
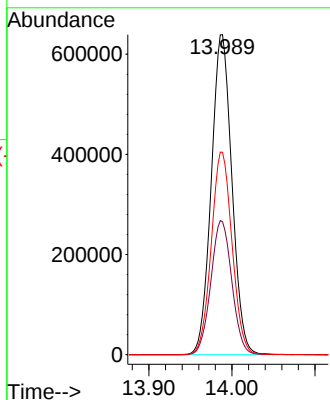
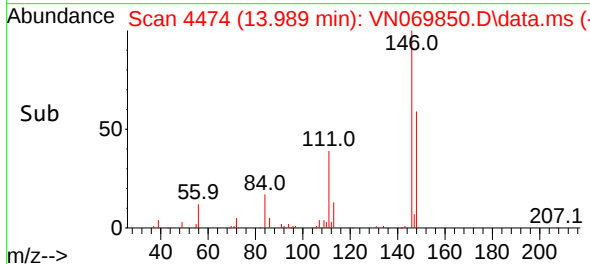
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



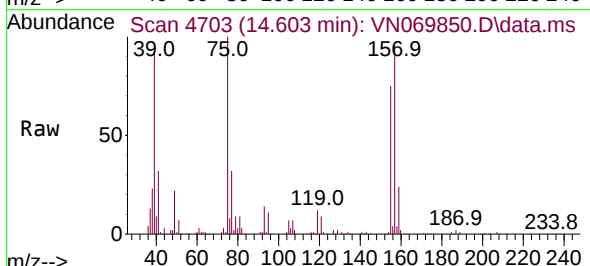
Tgt Ion:146 Resp: 1103158
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.0 32.1 96.3

Manual Integrations
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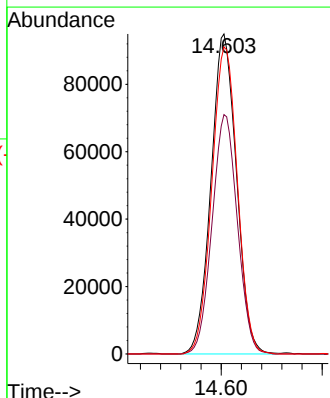
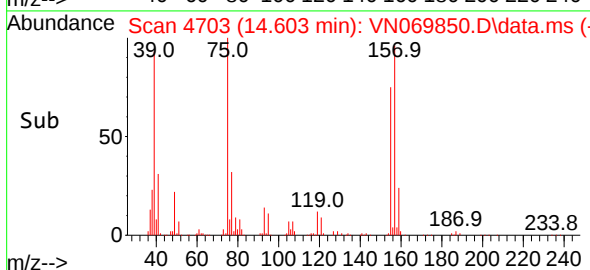
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

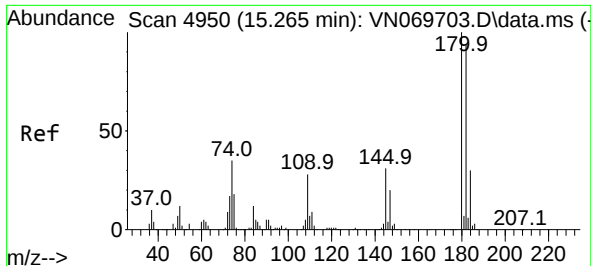


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.224 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



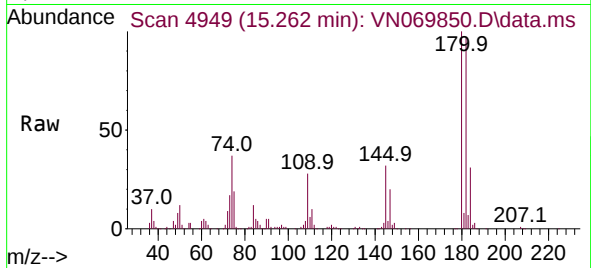
Tgt Ion: 75 Resp: 166184
Ion Ratio Lower Upper
75 100
155 74.2 46.9 140.7
157 96.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 40.918 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

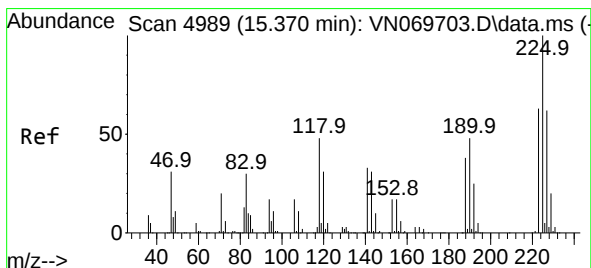
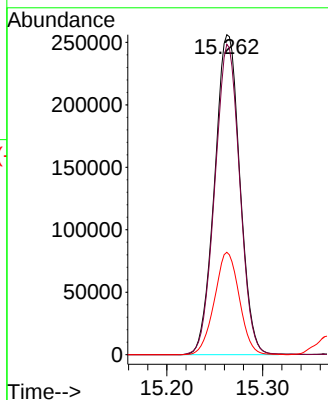
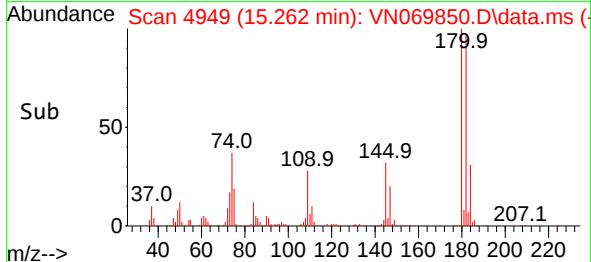
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



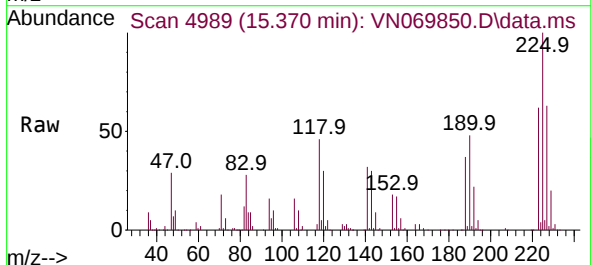
Tgt Ion:180 Resp: 468820
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 31.5 14.5 43.5

Manual Integrations
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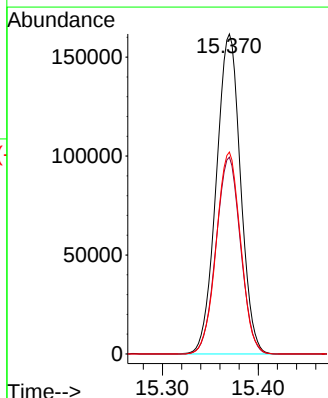
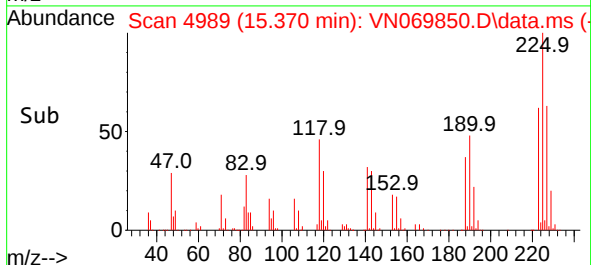
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

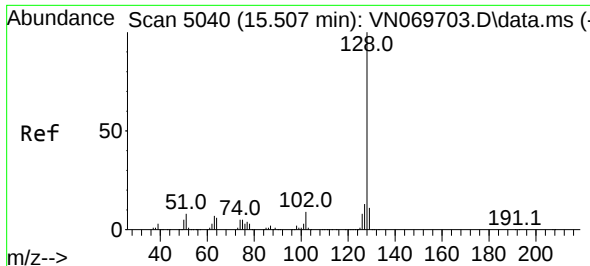


#94
Hexachlorobutadiene
Concen: 45.241 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



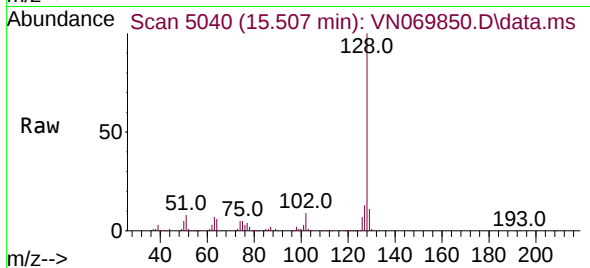
Tgt Ion:225 Resp: 283942
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 63.3 32.1 96.3





#95
Naphthalene
Concen: 36.097 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30

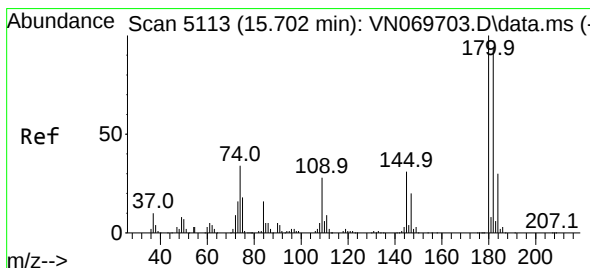
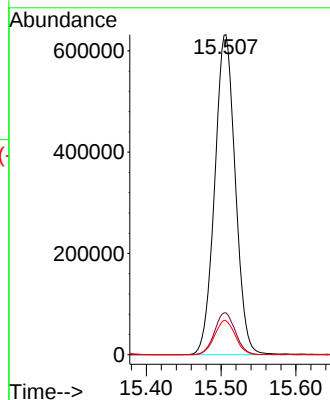
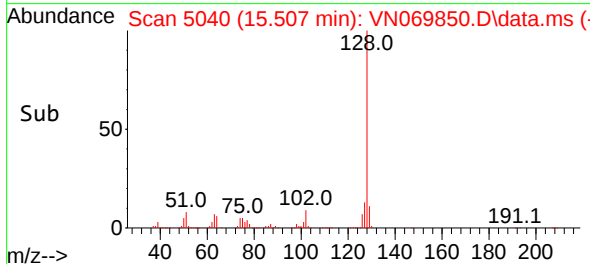
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



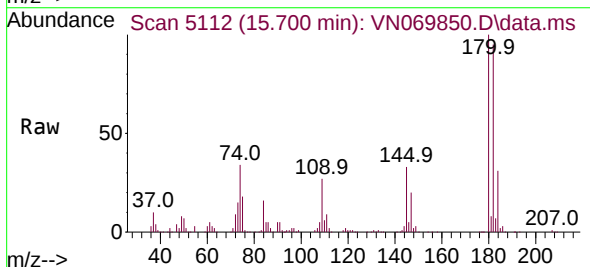
Tgt Ion:128 Resp: 1207192
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 40.602 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069850.D
Acq: 8 Dec 2021 7:30



Tgt Ion:180 Resp: 454156
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 32.6 15.0 45.1

