

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069829.D
 Acq On : 7 Dec 2021 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 04:41:00 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	1094600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1802386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1688848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	709418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803191	47.524	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.040%		
35) Dibromofluoromethane	8.021	113	552549	48.942	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.880%		
50) Toluene-d8	10.441	98	2194063	48.400	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.800%		
62) 4-Bromofluorobenzene	12.731	95	808372	49.222	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	635877	49.807	ug/l	100
3) Chloromethane	2.303	50	760802	47.566	ug/l	98
4) Vinyl Chloride	2.448	62	729902	49.630	ug/l	97
5) Bromomethane	2.842	94	430548	53.886	ug/l	100
6) Chloroethane	3.014	64	436960	48.485	ug/l	98
7) Trichlorofluoromethane	3.376	101	947323	49.078	ug/l	98
8) Diethyl Ether	3.824	74	378092	50.859	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	548375	50.682	ug/l	96
10) Methyl Iodide	4.419	142	736025	49.794	ug/l	97
11) Tert butyl alcohol	5.377	59	657121	205.695	ug/l	99
12) 1,1-Dichloroethene	4.178	96	519290	49.805	ug/l	86
13) Acrolein	4.039	56	910087	334.528	ug/l	100
14) Allyl chloride	4.838	41	1180505	50.246	ug/l	94
15) Acrylonitrile	5.554	53	2029024	235.703	ug/l	99
16) Acetone	4.285	43	1936314	190.460	ug/l	97
17) Carbon Disulfide	4.529	76	1335430	49.576	ug/l	99
18) Methyl Acetate	4.854	43	1417641	46.197	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	2053758	50.659	ug/l	95
20) Methylene Chloride	5.093	84	649260	48.039	ug/l #	86
21) trans-1,2-Dichloroethene	5.600	96	559434	49.399	ug/l	88
22) Diisopropyl ether	6.498	45	2415657	52.604	ug/l	94
23) Vinyl Acetate	6.434	43	9913127	265.340	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1225268	51.508	ug/l	98
25) 2-Butanone	7.335	43	3004664	217.519	ug/l	91
26) 2,2-Dichloropropane	7.324	77	905135	48.938	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	682577	49.887	ug/l	86
28) Bromochloromethane	7.657	49	611671	49.448	ug/l #	78
29) Tetrahydrofuran	7.683	42	1948741	232.331	ug/l	88
30) Chloroform	7.818	83	1226112	51.036	ug/l	99
31) Cyclohexane	8.096	56	1151970	48.979	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1051438	51.380	ug/l	96
36) 1,1-Dichloropropene	8.223	75	888711	51.795	ug/l	96
37) Ethyl Acetate	7.413	43	1191704	46.664	ug/l	95
38) Carbon Tetrachloride	8.206	117	877547	52.155	ug/l	99
39) Methylcyclohexane	9.459	83	1059824	51.929	ug/l	89
40) Benzene	8.459	78	2690013	51.291	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	610026	50.885	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1085427	51.269	ug/l	97
43) Isopropyl Acetate	8.560	43	1905784	50.429	ug/l #	94
44) Trichloroethene	9.215	130	643786	51.430	ug/l	90
45) 1,2-Dichloropropane	9.488	63	734105	52.125	ug/l	99
46) Dibromomethane	9.577	93	476994	51.642	ug/l	93
47) Bromodichloromethane	9.762	83	940455	53.777	ug/l	99
48) Methyl methacrylate	9.558	41	902191	51.155	ug/l	88
49) 1,4-Dioxane	9.569	88	268763	849.300	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	6217836	253.618	ug/l	95
52) Toluene	10.505	92	1675358	52.324	ug/l	100
53) t-1,3-Dichloropropene	10.717	75	1007471	48.009	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1100120	49.836	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	670923	51.933	ug/l	98
56) Ethyl methacrylate	10.760	69	1148562	47.249	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1200199	52.761	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1254983	195.014	ug/l	90
59) 2-Hexanone	11.084	43	4398535	237.169	ug/l	93
60) Dibromochloromethane	11.237	129	680196	49.180	ug/l	100
61) 1,2-Dibromoethane	11.344	107	692651	51.764	ug/l	99
64) Tetrachloroethene	10.977	164	592425	51.733	ug/l	96
65) Chlorobenzene	11.768	112	1783085	52.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	652112	54.077	ug/l	99
67) Ethyl Benzene	11.843	91	3344975	53.747	ug/l	96
68) m/p-Xylenes	11.953	106	2437675	107.574	ug/l	92
69) o-Xylene	12.280	106	1224991	53.668	ug/l	92
70) Styrene	12.294	104	1998440	55.215	ug/l	95
71) Bromoform	12.457	173	487886	47.450	ug/l #	98
73) Isopropylbenzene	12.578	105	3243338	51.385	ug/l	99
74) N-amyl acetate	12.388	43	1386514	49.672	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1052332	48.214	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	958930m	47.135	ug/l	
77) Bromobenzene	12.860	156	736868	49.702	ug/l	78
78) n-propylbenzene	12.919	91	3674117	52.310	ug/l	96
79) 2-Chlorotoluene	13.004	91	2272203	51.198	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2646491	52.093	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	287799	46.600	ug/l	95
82) 4-Chlorotoluene	13.104	91	2138034	51.226	ug/l	93
83) tert-Butylbenzene	13.321	119	2327492	51.740	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2601891	53.778	ug/l	97
85) sec-Butylbenzene	13.501	105	3190553	52.289	ug/l	97
86) p-Isopropyltoluene	13.613	119	2549986	53.465	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1235711	50.735	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1183404	49.442	ug/l	97
89) n-Butylbenzene	13.940	91	2036903	52.648	ug/l	98
90) Hexachloroethane	14.209	117	445692	53.225	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1199902	50.562	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	187900	47.642	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	531646	45.926	ug/l	98
94) Hexachlorobutadiene	15.370	225	309001	49.131	ug/l	99
95) Naphthalene	15.504	128	1409302	41.395	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	513576	45.505	ug/l	99

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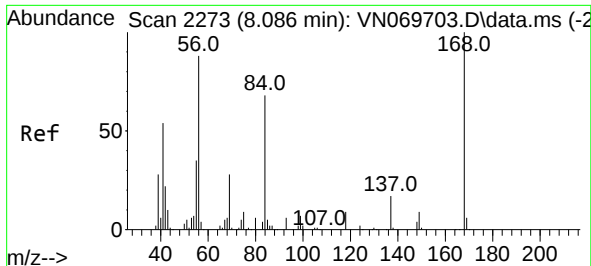
Manual Integrations
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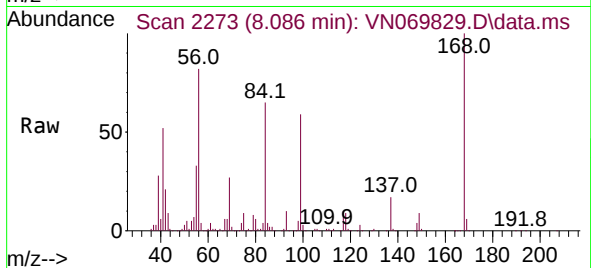
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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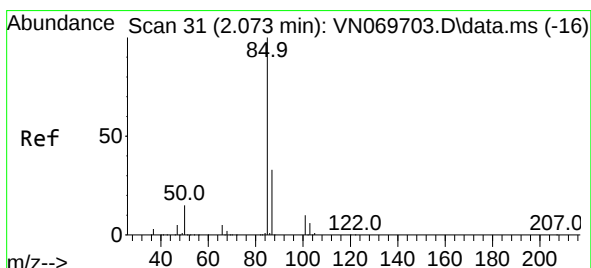
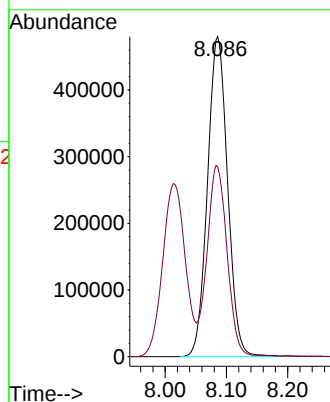
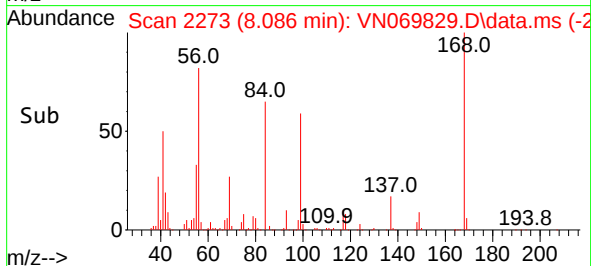
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MSVOA_N
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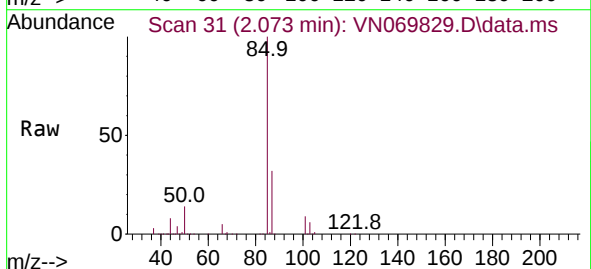
Tgt Ion:168 Resp: 1094600
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

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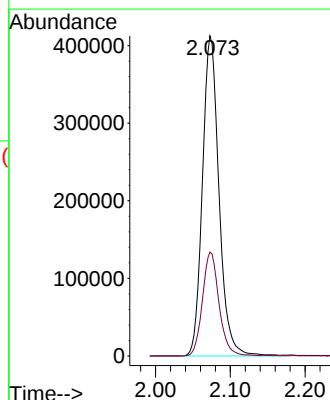
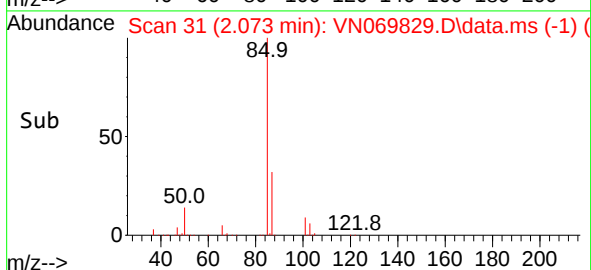
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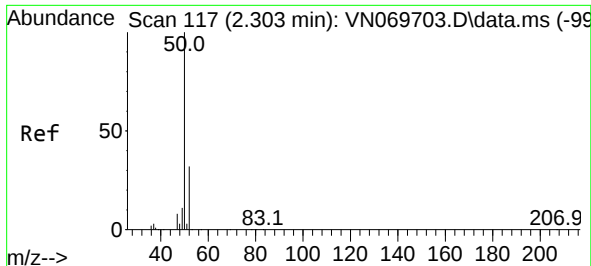


#2
Dichlorodifluoromethane
Concen: 49.807 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



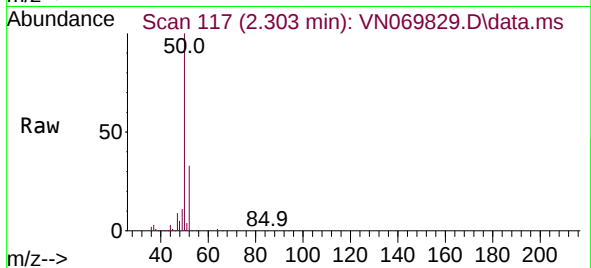
Tgt Ion: 85 Resp: 635877
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 47.566 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

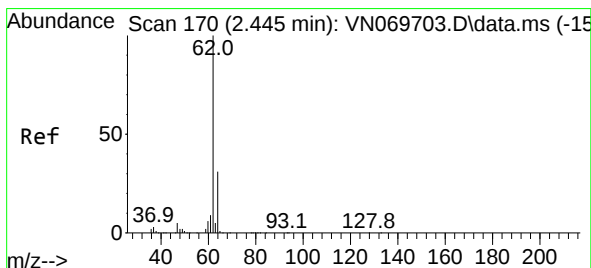
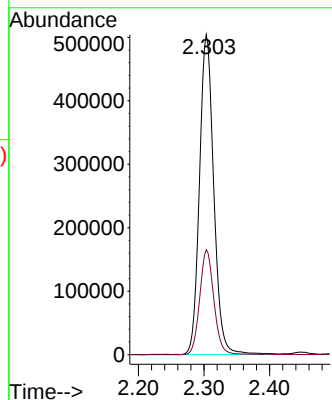
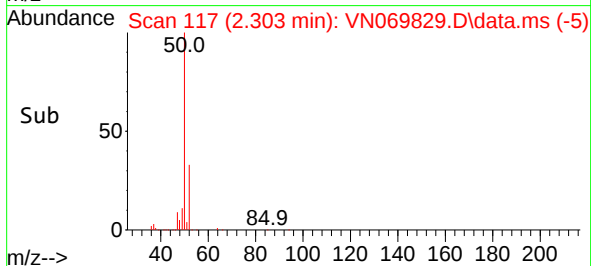
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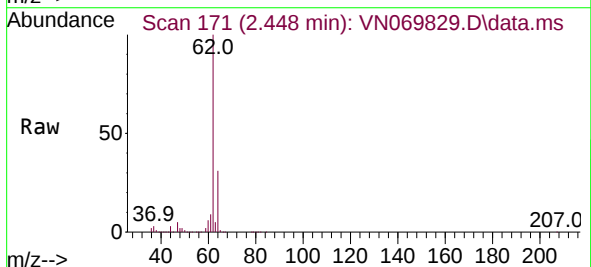
Tgt Ion: 50 Resp: 760802
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

Manual Integrations
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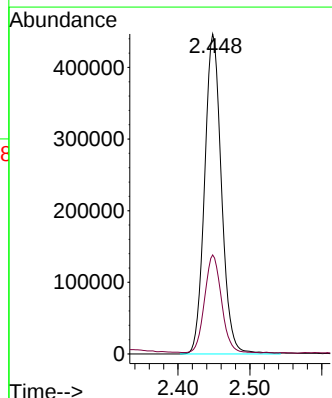
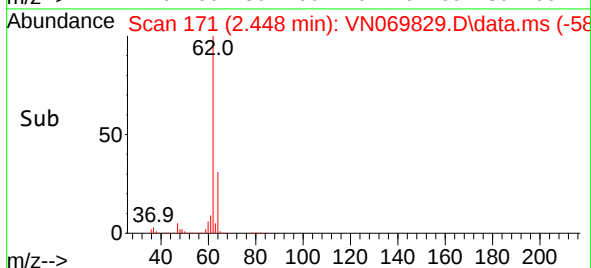
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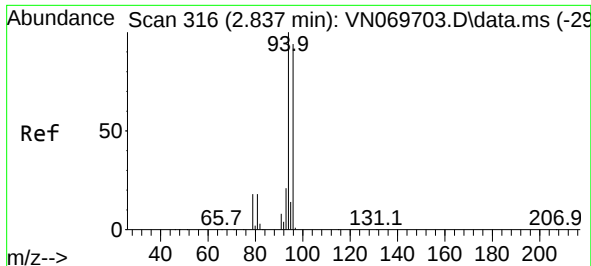


#4
Vinyl Chloride
Concen: 49.630 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



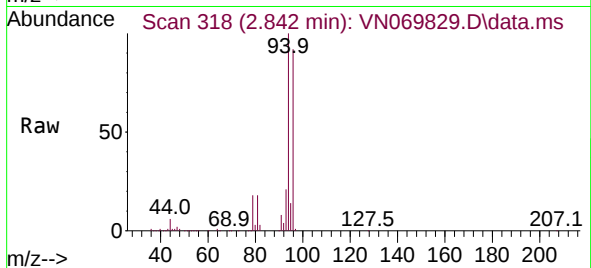
Tgt Ion: 62 Resp: 729902
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6





#5
Bromomethane
Concen: 53.886 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

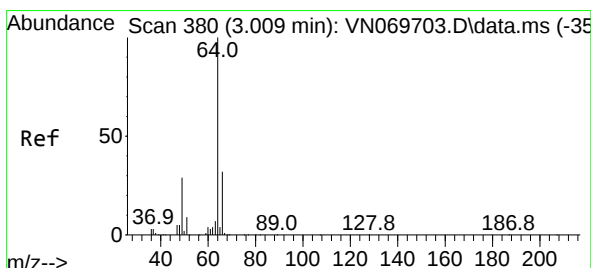
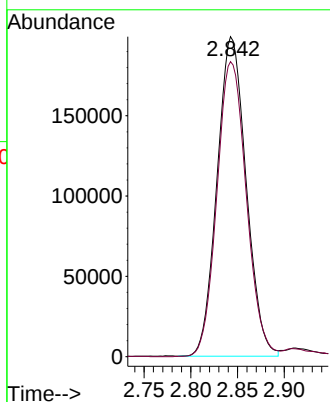
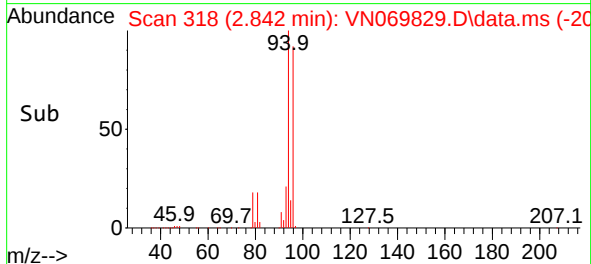
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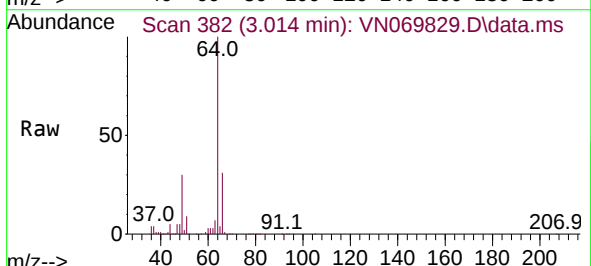
Tgt Ion: 94 Resp: 430548
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8

Manual Integrations
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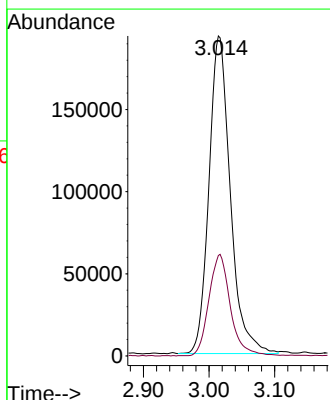
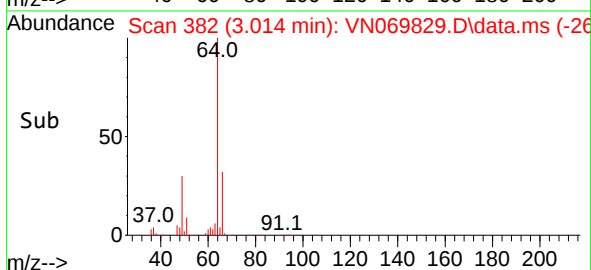
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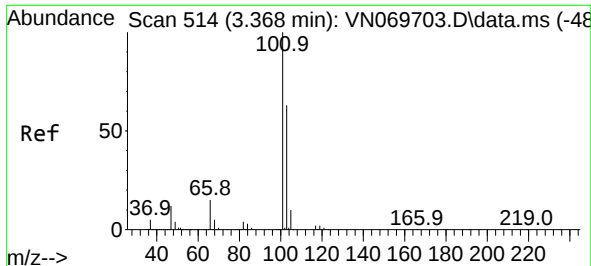


#6
Chloroethane
Concen: 48.485 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



Tgt Ion: 64 Resp: 436960
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





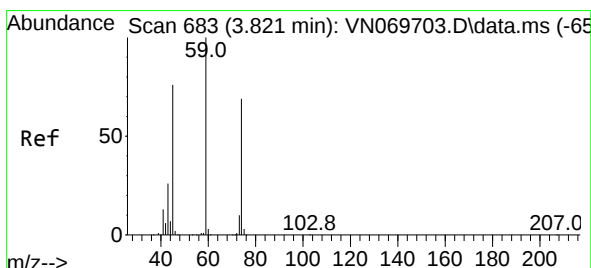
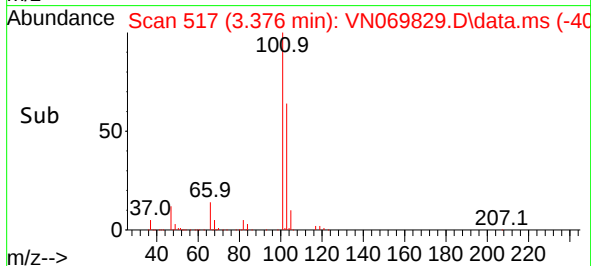
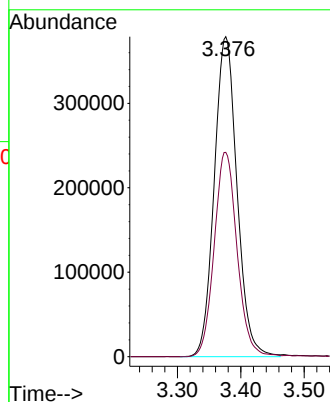
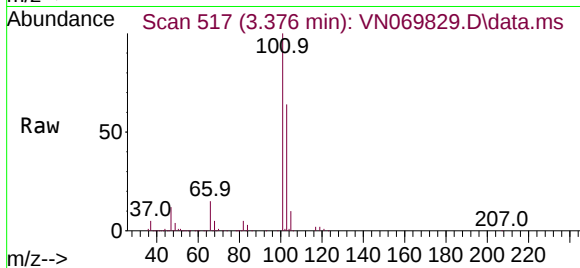
#7
Trichlorofluoromethane
Concen: 49.078 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 94732
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

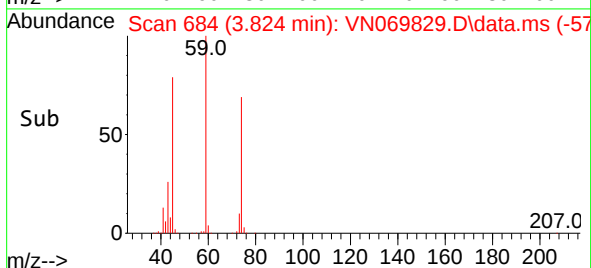
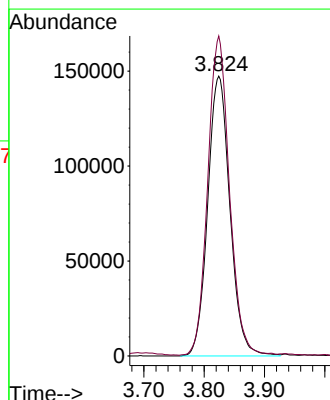
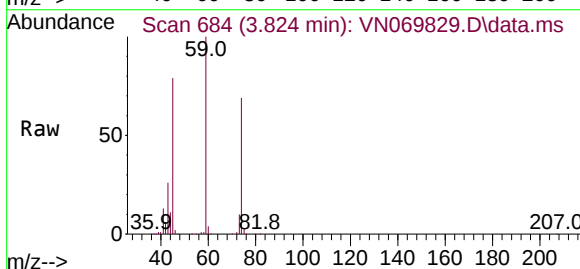
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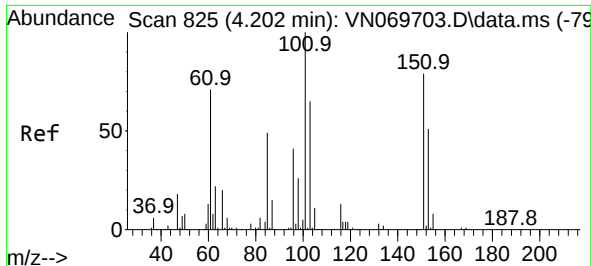
Reviewed By :John Carlone 12/08/2021
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#8
Diethyl Ether
Concen: 50.859 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 378092
Ion Ratio Lower Upper
74 100
45 110.8 47.0 141.2





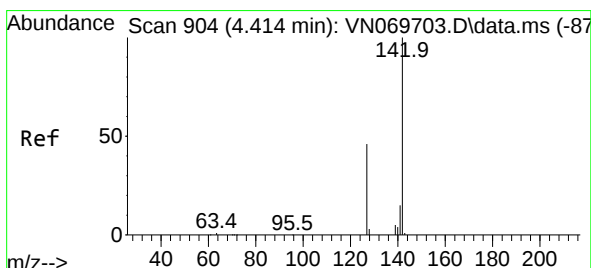
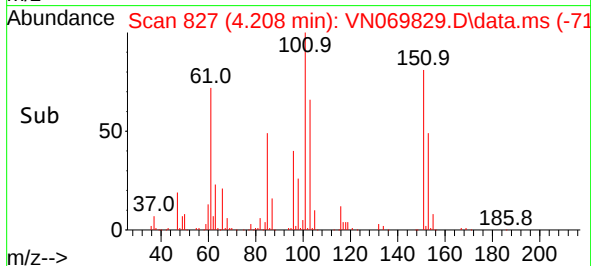
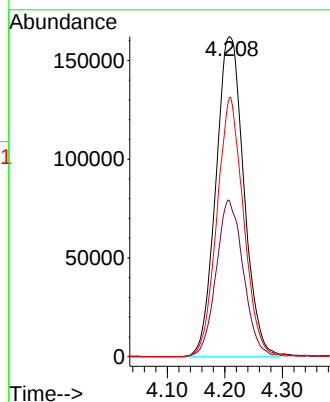
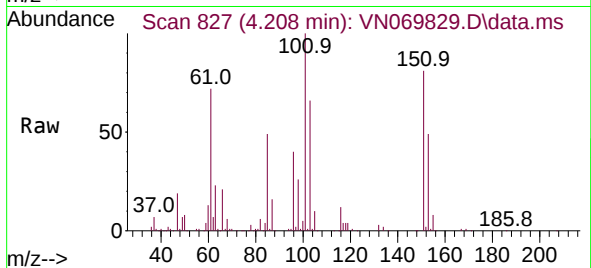
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.682 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 54837
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 77.2 65.9 98.9

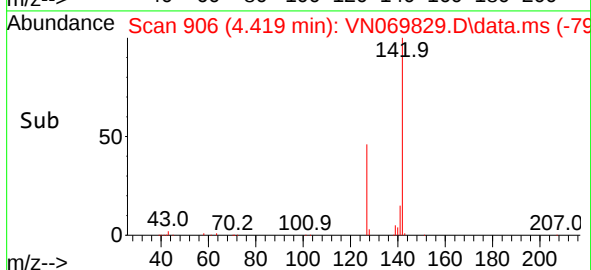
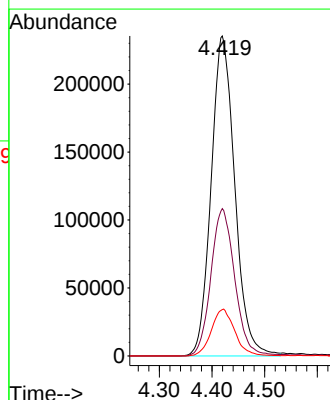
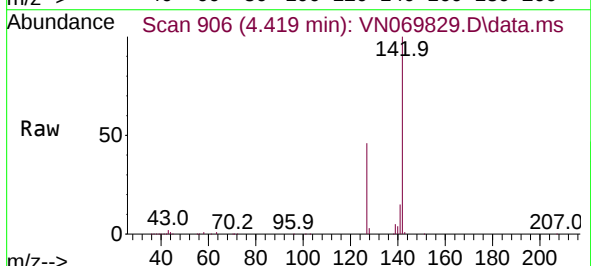
Manual Integrations
APPROVED

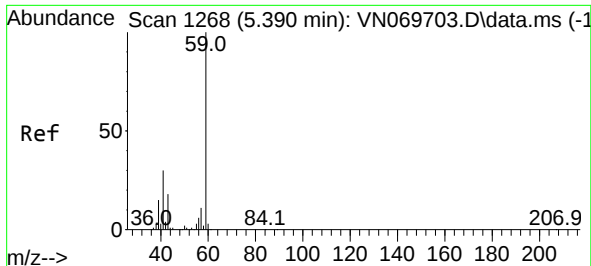
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 49.794 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

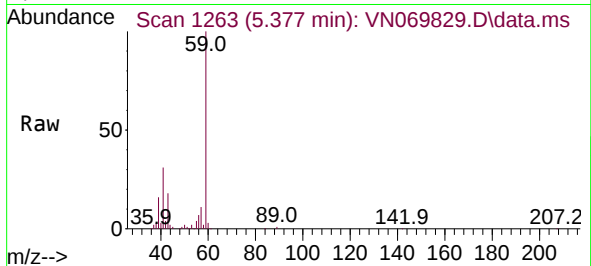
Tgt Ion:142 Resp: 736025
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 205.695 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

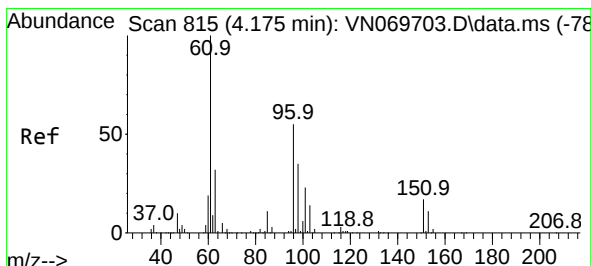
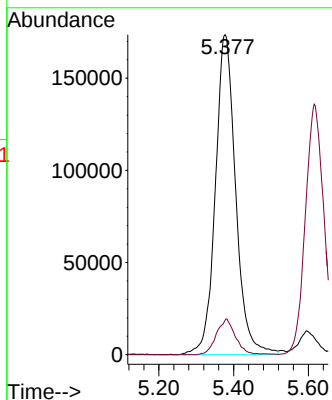
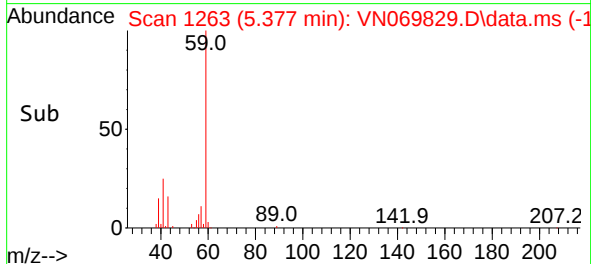
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



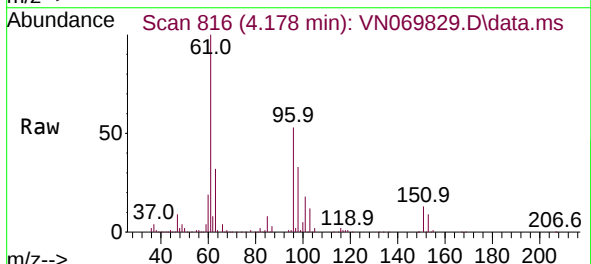
Tgt Ion: 59 Resp: 65712
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

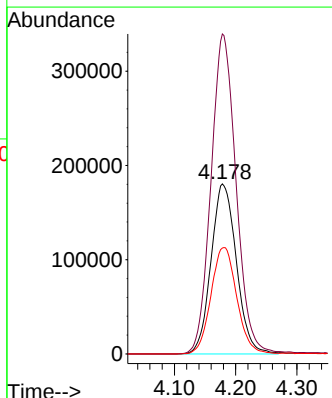
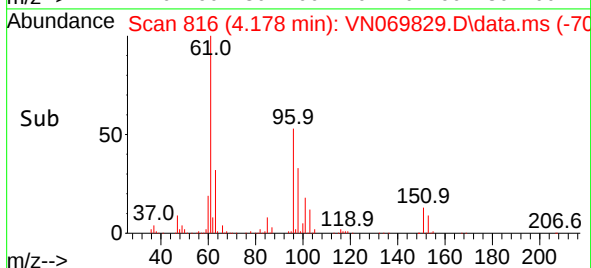
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 49.805 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



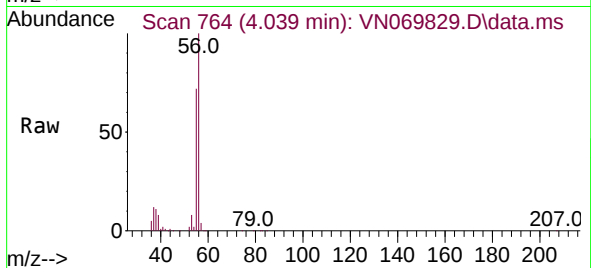
Tgt Ion: 96 Resp: 519290
Ion Ratio Lower Upper
96 100
61 188.0 131.0 196.6
98 62.3 52.4 78.6





#13
Acrolein
Concen: 334.528 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

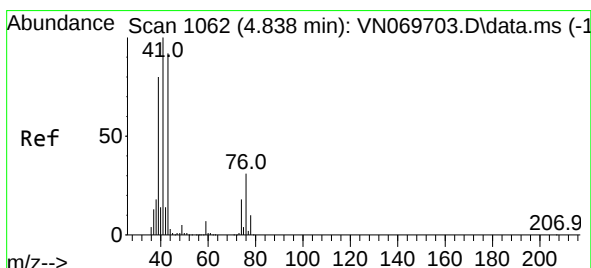
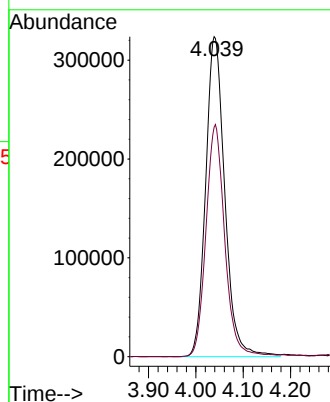
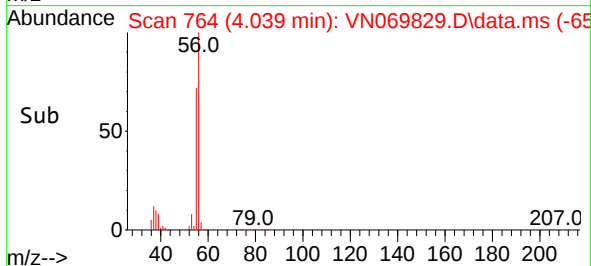
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



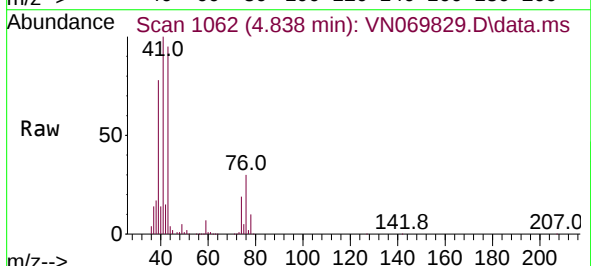
Tgt Ion: 56 Resp: 910085
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

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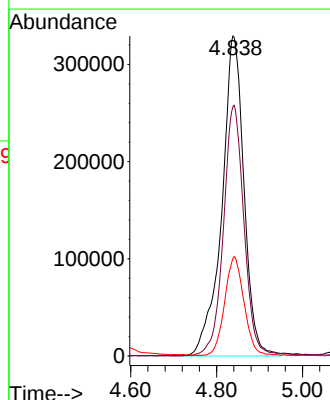
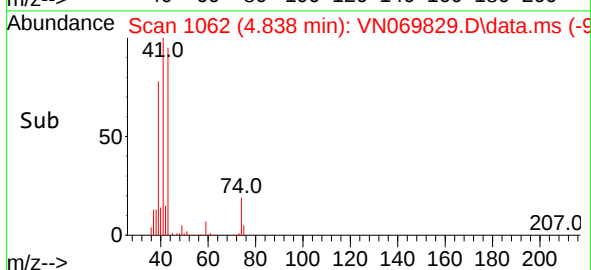
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

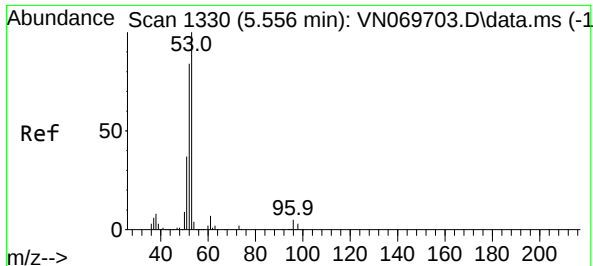


#14
Allyl chloride
Concen: 50.246 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



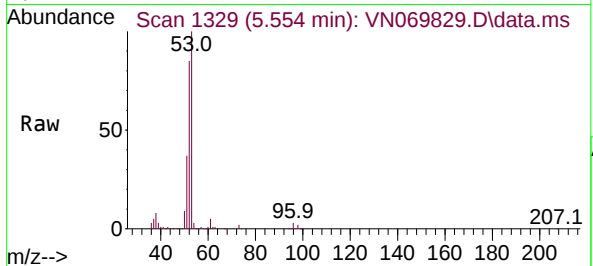
Tgt Ion: 41 Resp: 1180505
Ion Ratio Lower Upper
41 100
39 72.3 61.2 91.8
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 235.703 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

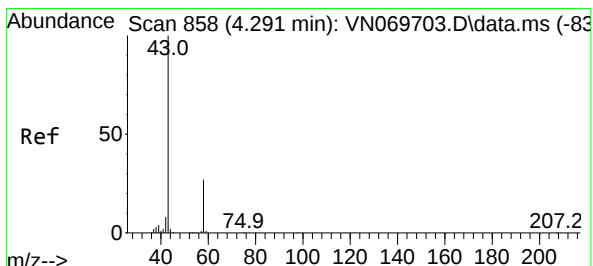
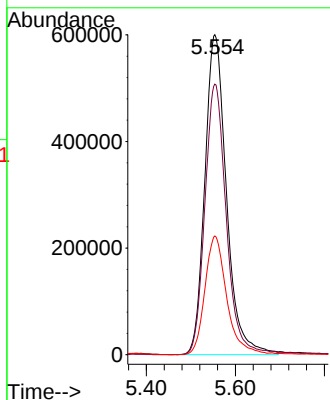
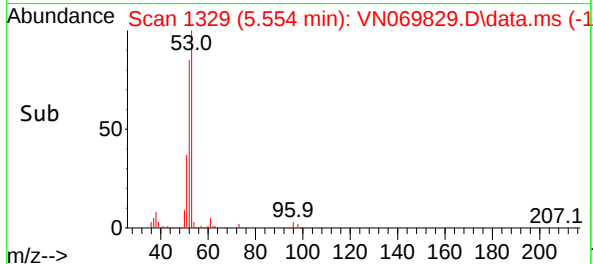
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



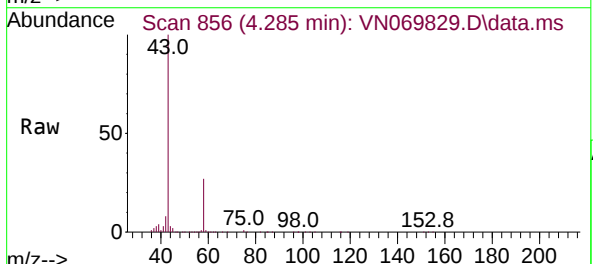
Tgt Ion: 53 Resp: 2029024
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 37.3 29.6 44.4

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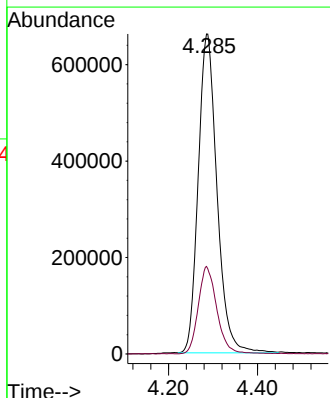
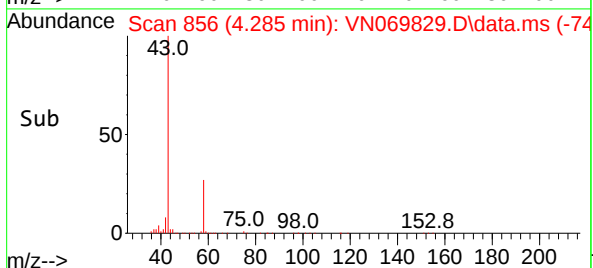
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

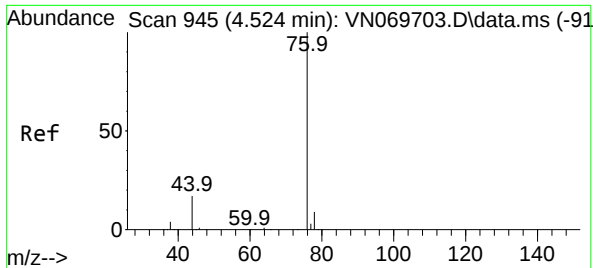


#16
Acetone
Concen: 190.460 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



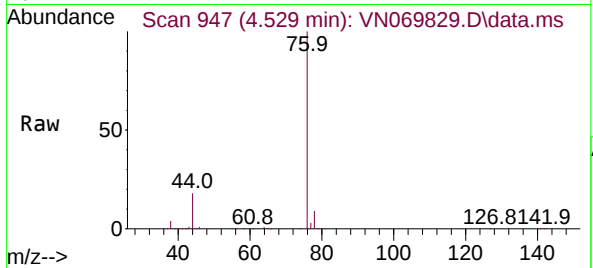
Tgt Ion: 43 Resp: 1936314
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 49.576 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

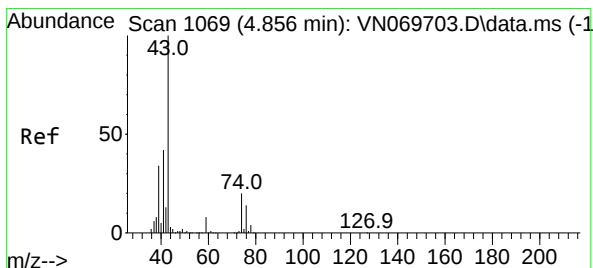
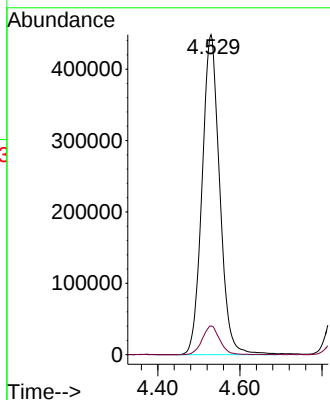
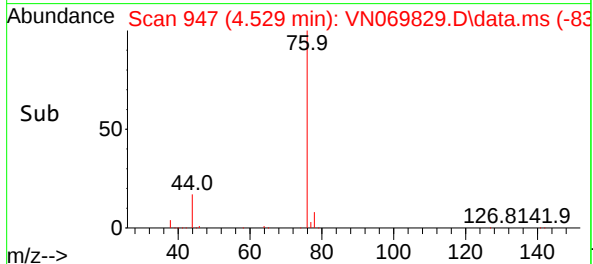
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 1335430
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

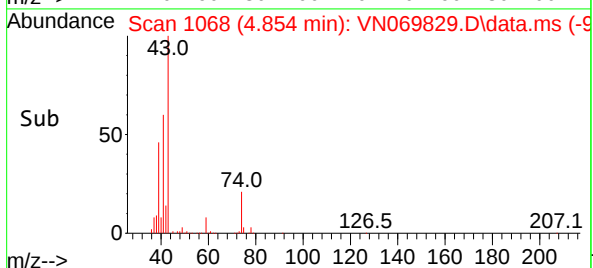
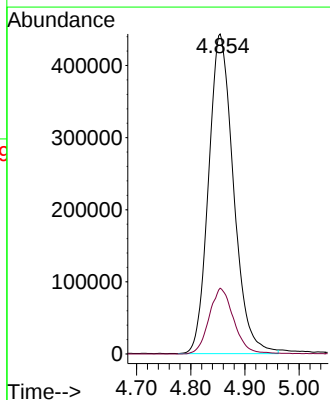
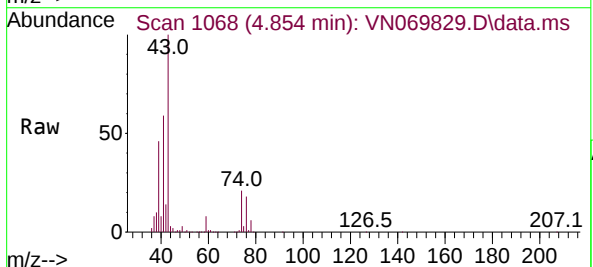
Manual Integrations
APPROVED

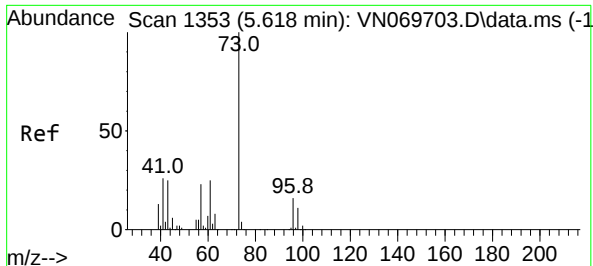
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#18
Methyl Acetate
Concen: 46.197 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

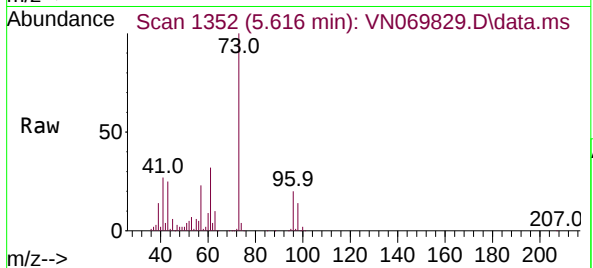
Tgt Ion: 43 Resp: 1417641
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.659 ug/l
RT: 5.616 min Scan# 1135
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

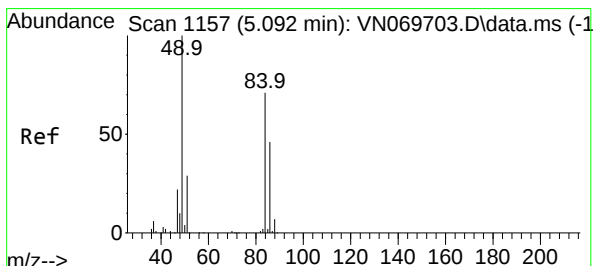
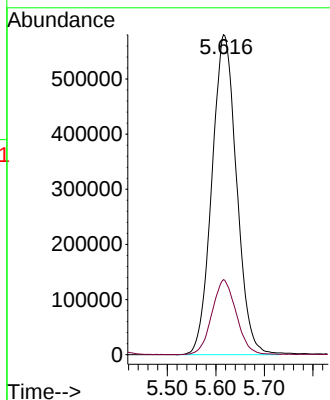
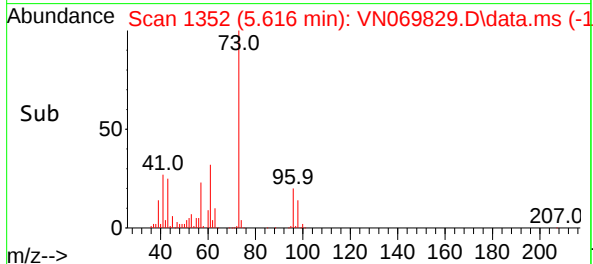
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 205375
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

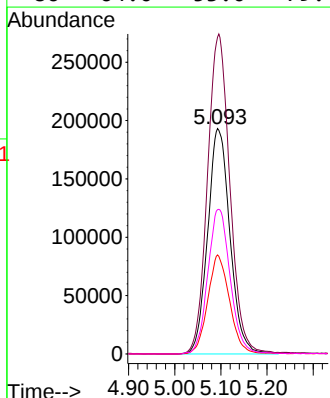
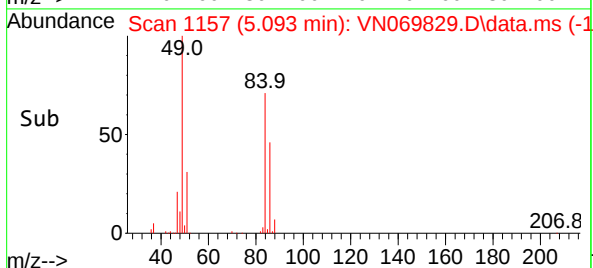
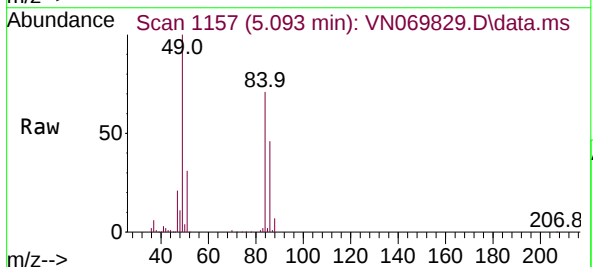
Manual Integrations
APPROVED

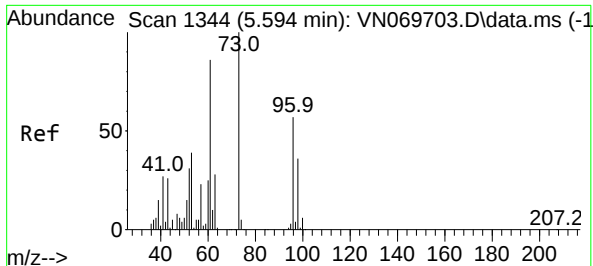
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 48.039 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

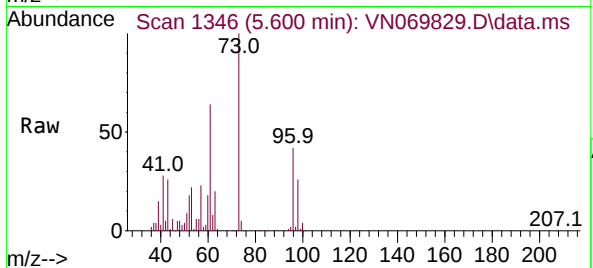
Tgt Ion: 84 Resp: 649260
Ion Ratio Lower Upper
84 100
49 140.5 93.5 140.3#
51 43.9 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.399 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

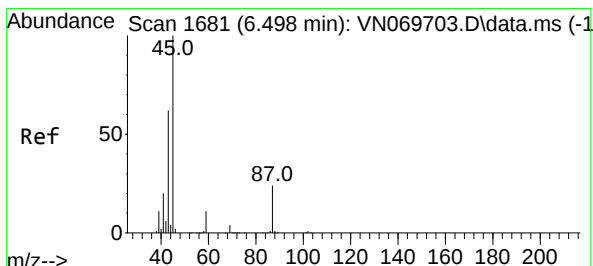
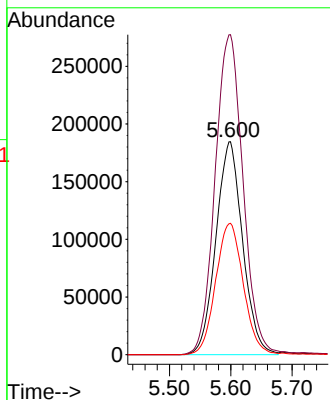
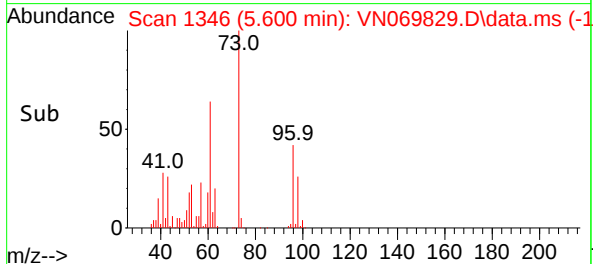
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 559434
Ion Ratio Lower Upper
96 100
61 150.3 105.8 158.6
98 61.7 52.0 78.0

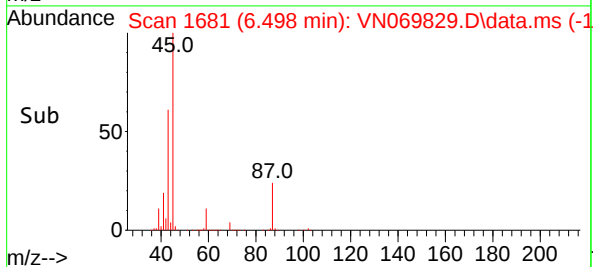
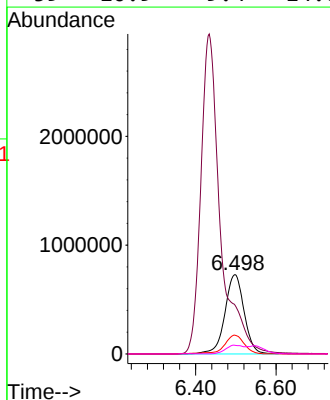
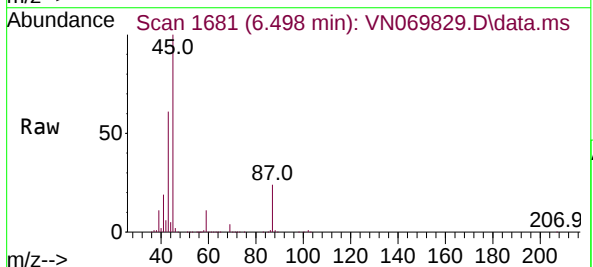
Manual Integrations
APPROVED

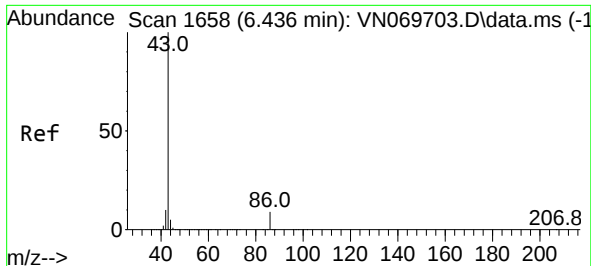
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 52.604 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

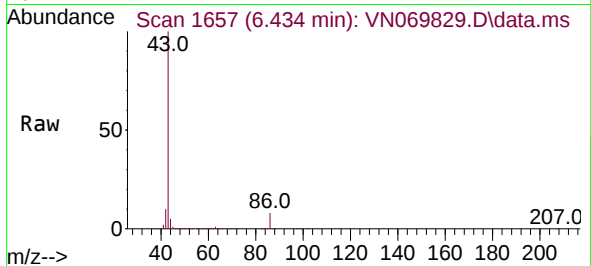
Tgt Ion: 45 Resp: 2415657
Ion Ratio Lower Upper
45 100
43 61.4 51.7 77.5
87 23.5 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 265.340 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069829.D
 Acq: 7 Dec 2021 21:46

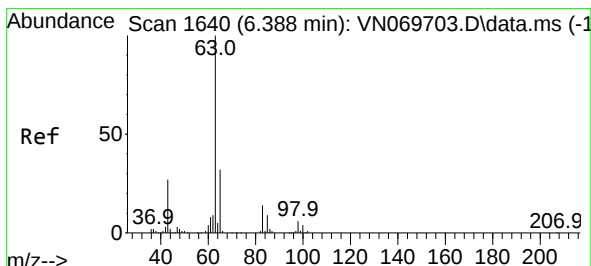
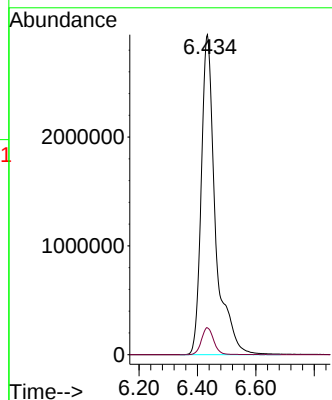
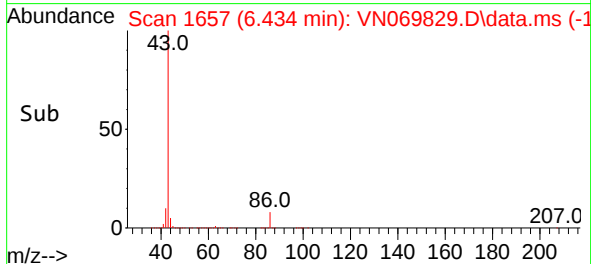
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



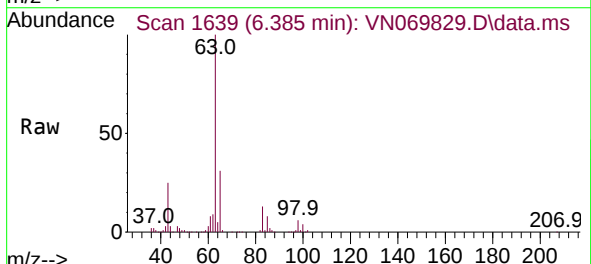
Tgt Ion: 43 Resp: 991312
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

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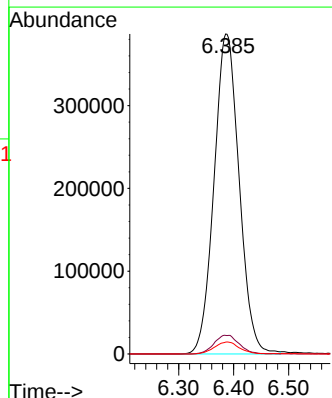
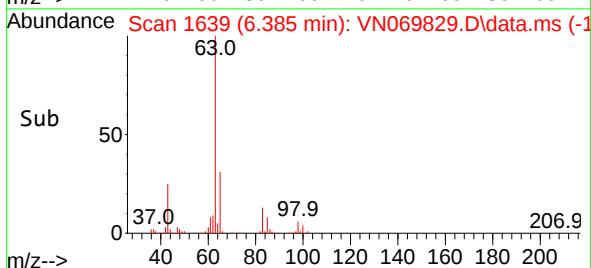
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

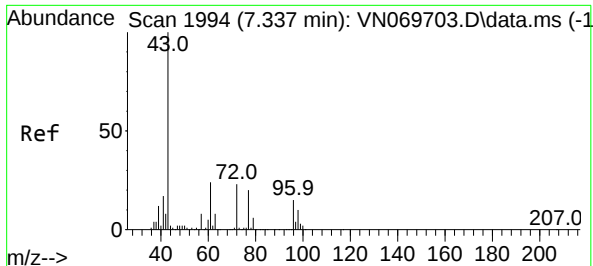


#24
 1,1-Dichloroethane
 Concen: 51.508 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.002 min
 Lab File: VN069829.D
 Acq: 7 Dec 2021 21:46



Tgt Ion: 63 Resp: 1225268
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 217.519 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 300466

Ion Ratio Lower Upper

43 100

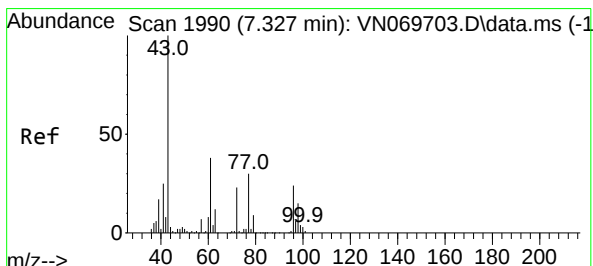
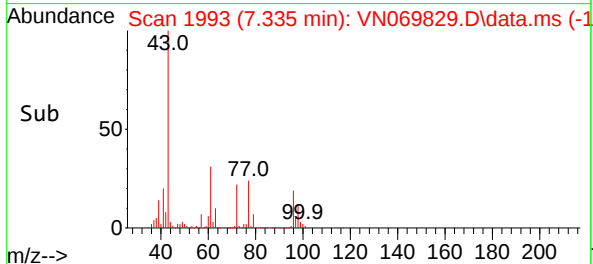
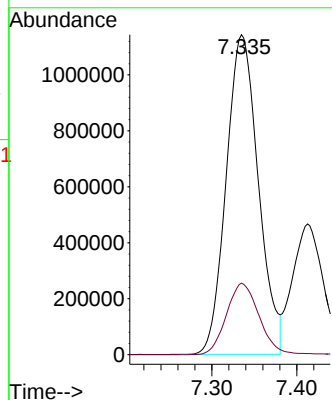
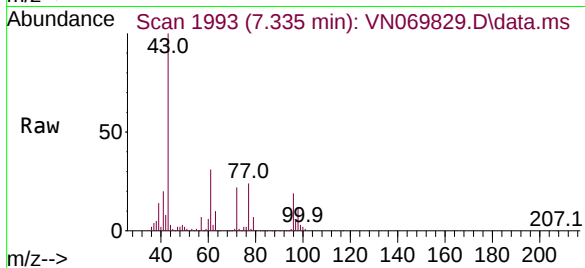
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#26

2,2-Dichloropropane

Concen: 48.938 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN069829.D

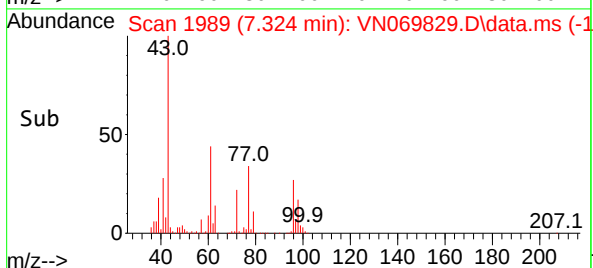
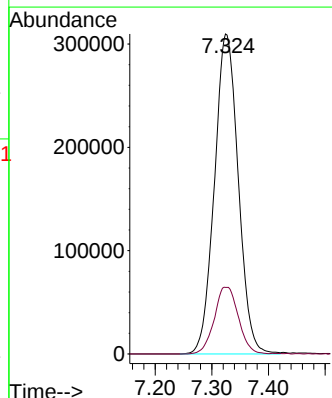
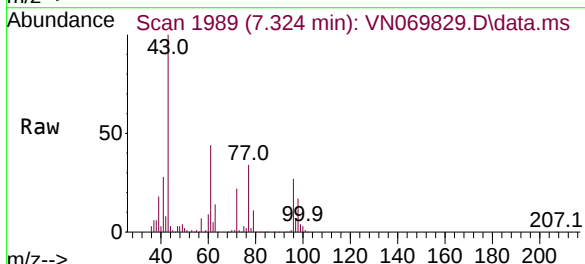
Acq: 7 Dec 2021 21:46

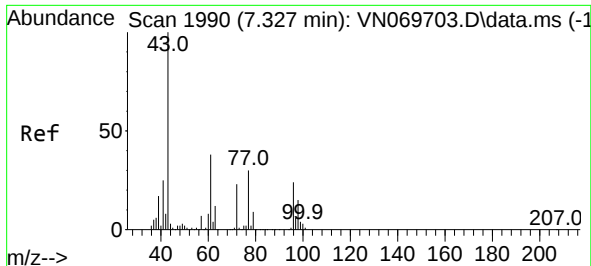
Tgt Ion: 77 Resp: 905135

Ion Ratio Lower Upper

77 100

97 21.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.887 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

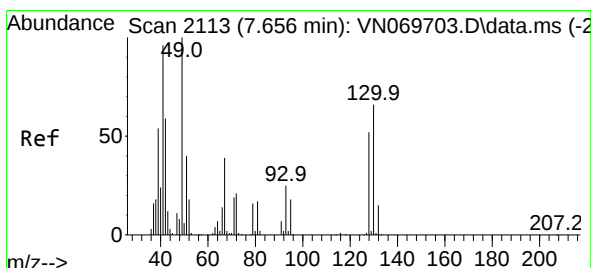
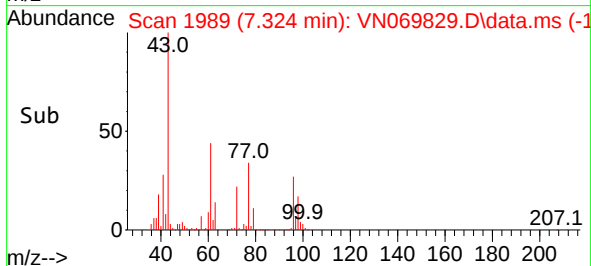
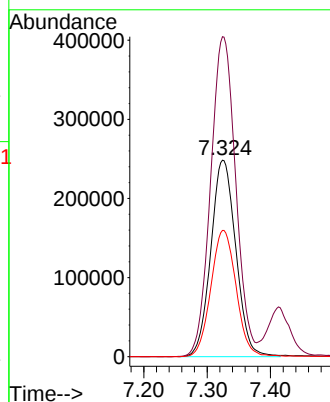
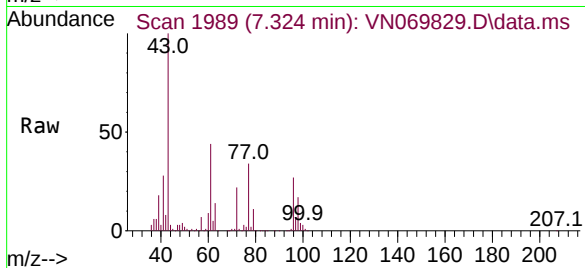
Tgt Ion:	96	Resp:	68257
Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	275.0
98	64.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#28

Bromochloromethane

Concen: 49.448 ug/l

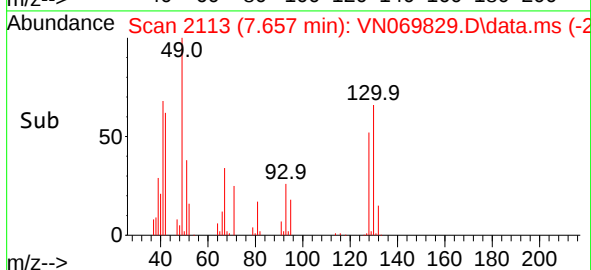
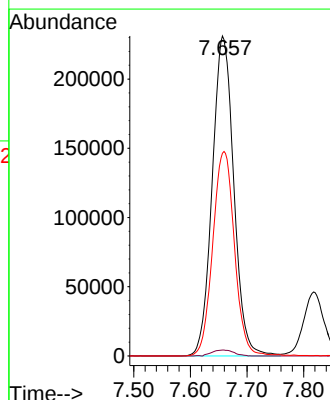
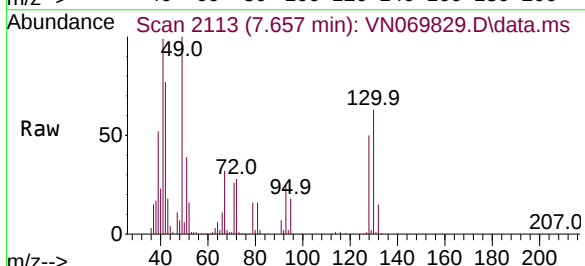
RT: 7.657 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Tgt Ion:	49	Resp:	611671
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	64.2	67.8	101.8





#29

Tetrahydrofuran

Concen: 232.331 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 194874

Ion Ratio Lower Upper

42 100

72 37.4 36.3 54.5

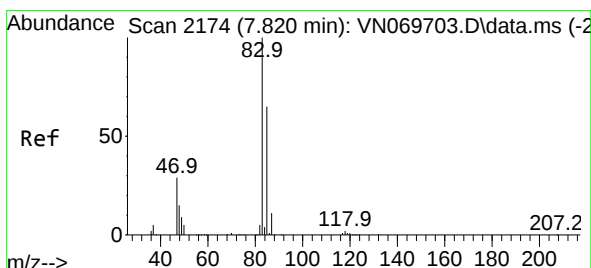
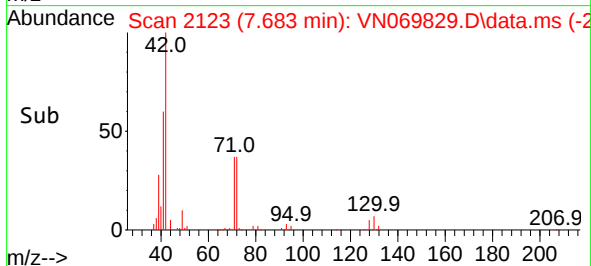
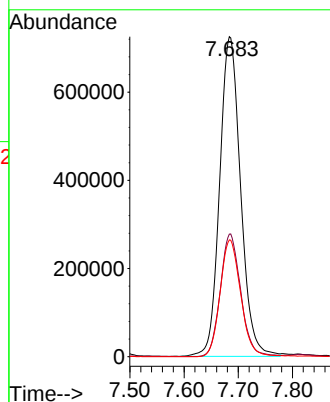
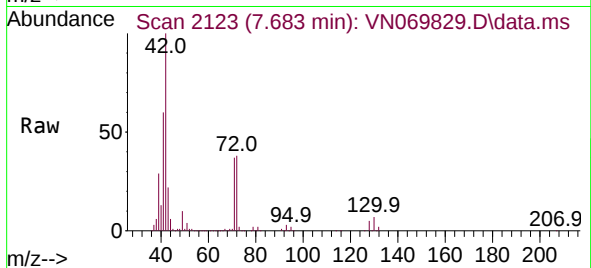
71 36.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 51.036 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069829.D

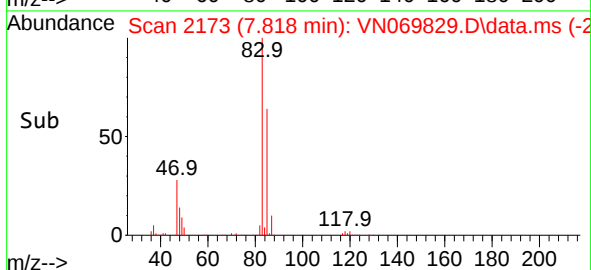
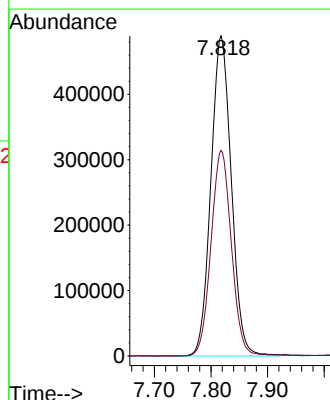
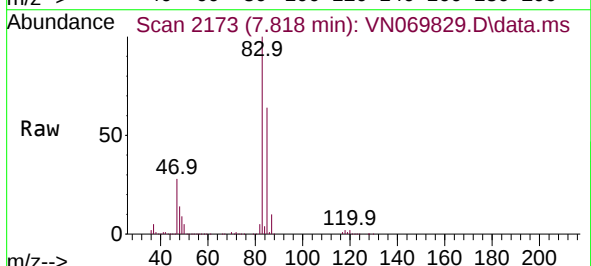
Acq: 7 Dec 2021 21:46

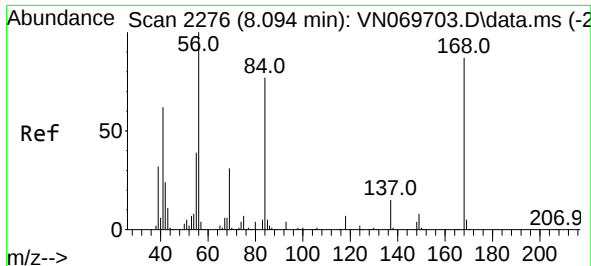
Tgt Ion: 83 Resp: 1226112

Ion Ratio Lower Upper

83 100

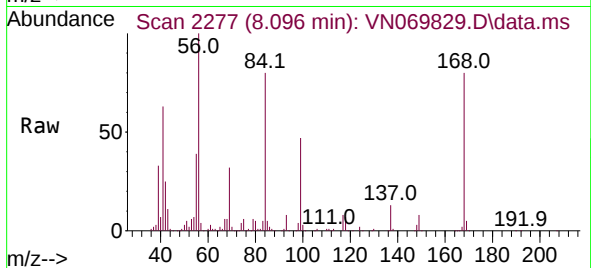
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 48.979 ug/l
RT: 8.096 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

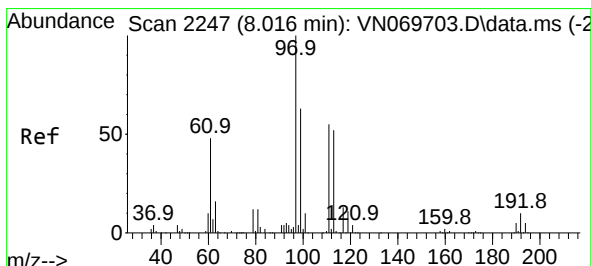
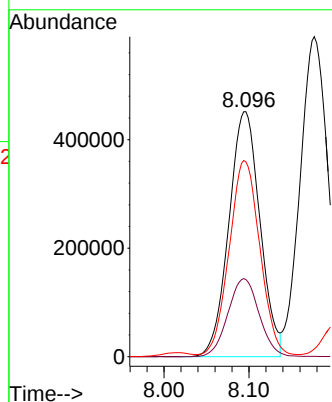
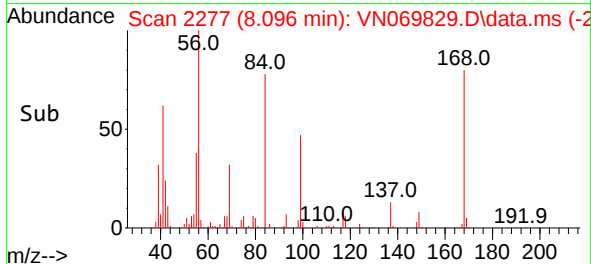
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



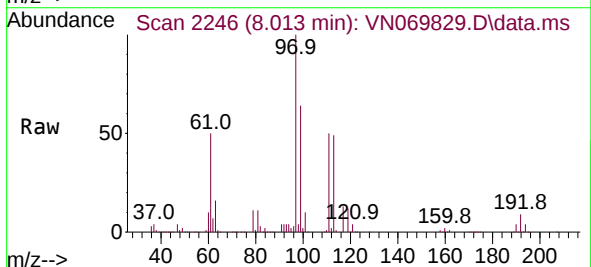
Tgt Ion: 56 Resp: 1151970
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 77.9 73.4 110.0

Manual Integrations
APPROVED

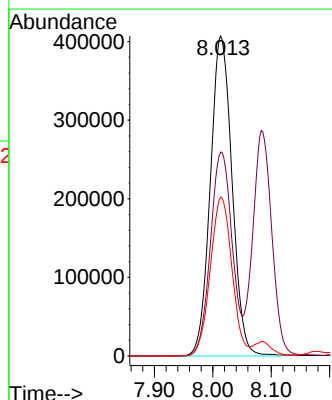
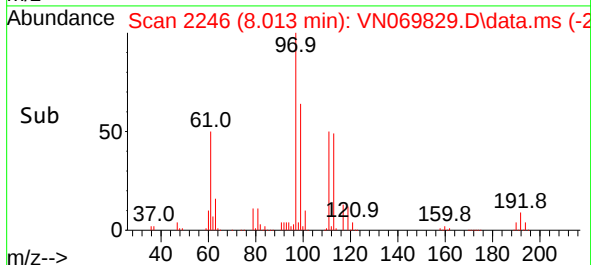
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 51.380 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



Tgt Ion: 97 Resp: 1051438
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 49.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.524 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80319

Ion Ratio Lower Upper

65 100

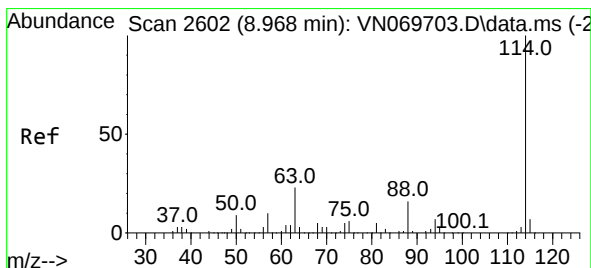
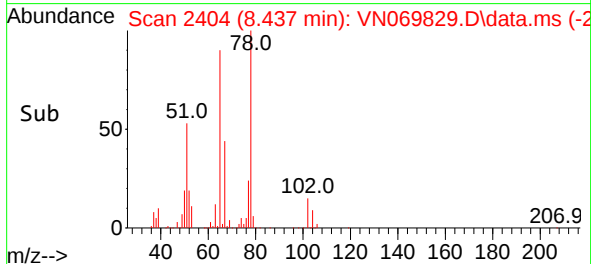
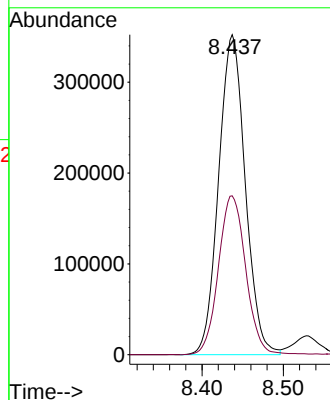
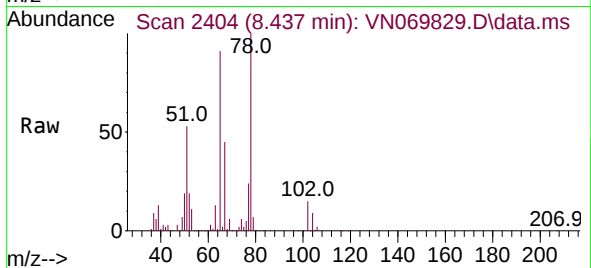
67 51.0 0.0 103.0

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: VN069829.D

Acq: 7 Dec 2021 21:46

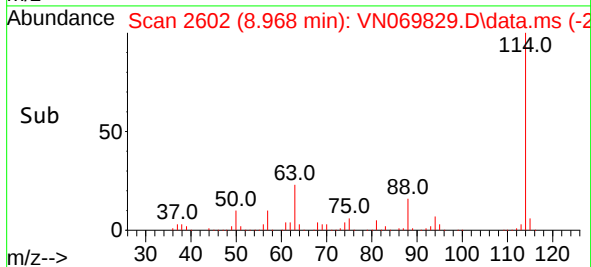
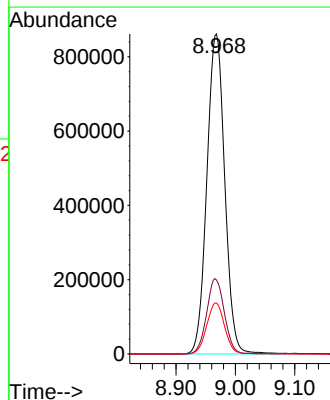
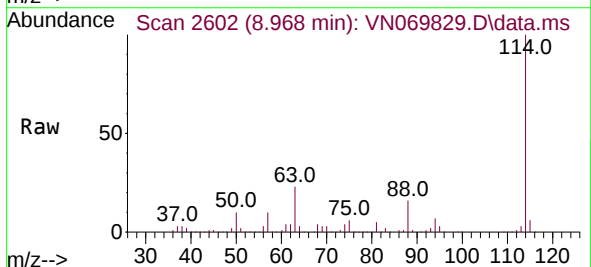
Tgt Ion:114 Resp: 1802386

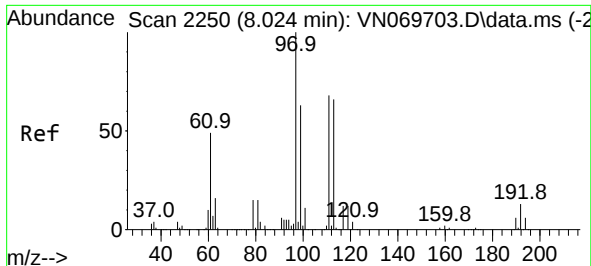
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 15.9 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 8.021 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 552549

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

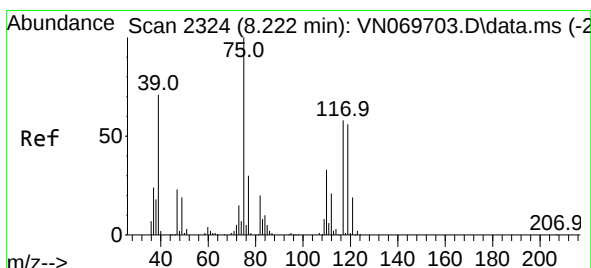
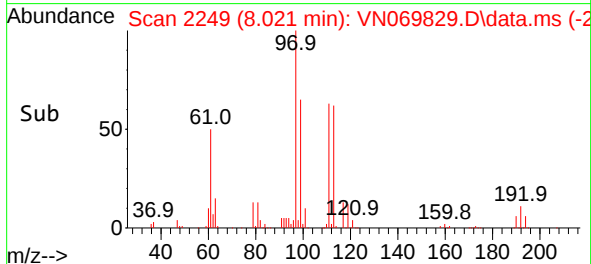
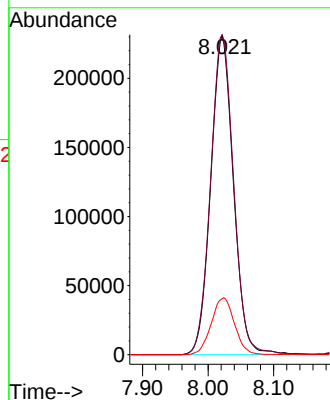
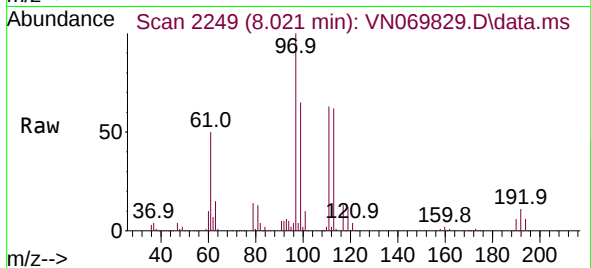
192 18.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#36

1,1-Dichloropropene

Concen: 51.795 ug/l

RT: 8.223 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

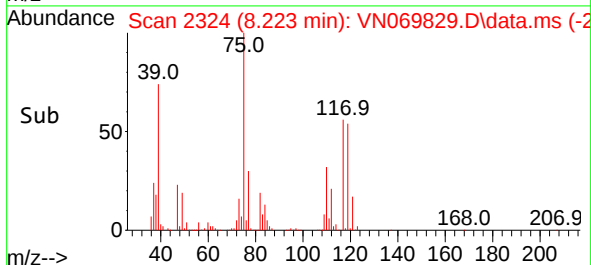
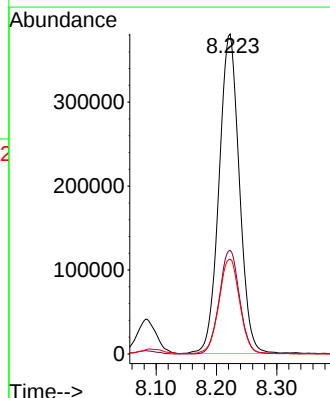
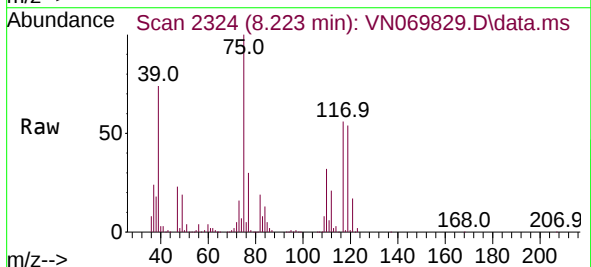
Tgt Ion: 75 Resp: 888711

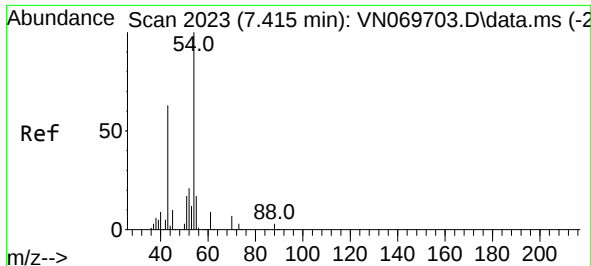
Ion Ratio Lower Upper

75 100

110 32.5 18.4 55.2

77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 46.664 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

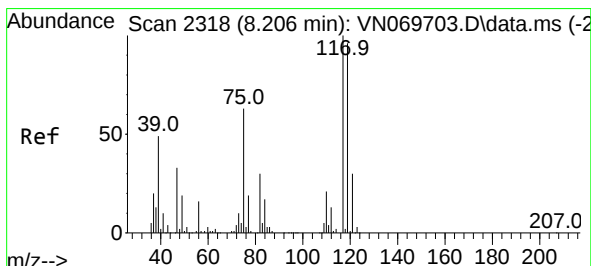
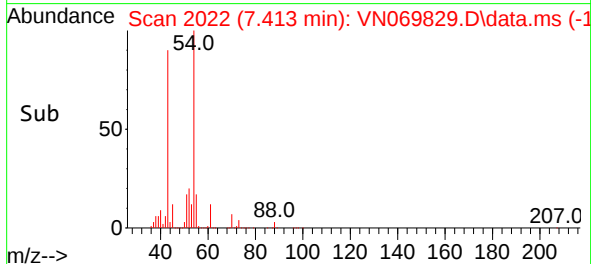
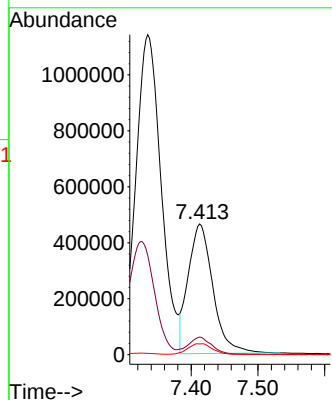
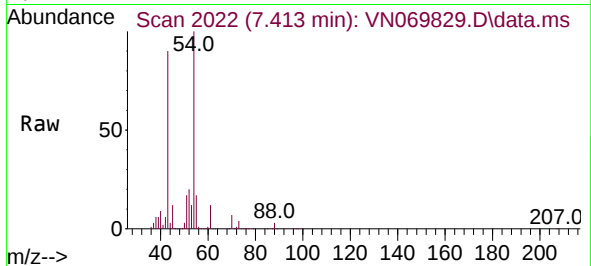
VSTDCCC050

Tgt Ion: 43 Resp: 1191704
Ion Ratio Lower Upper
43 100
61 12.0 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations

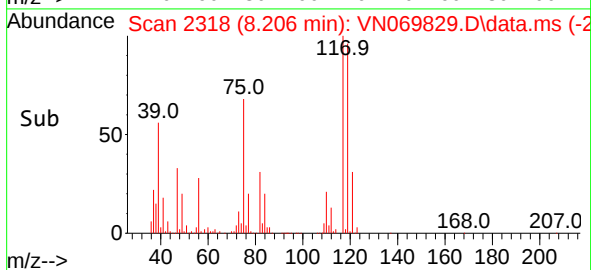
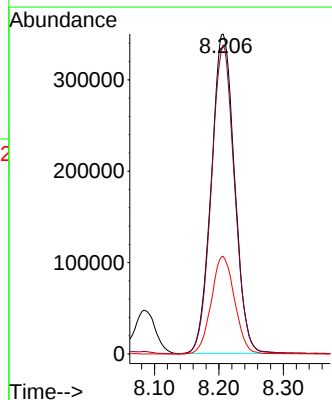
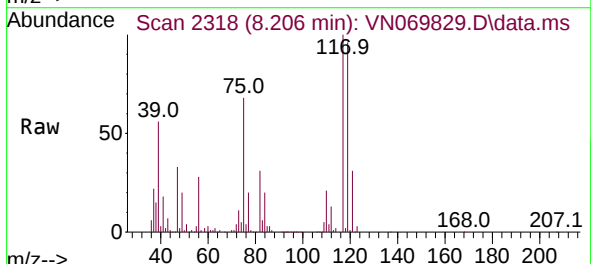
APPROVED

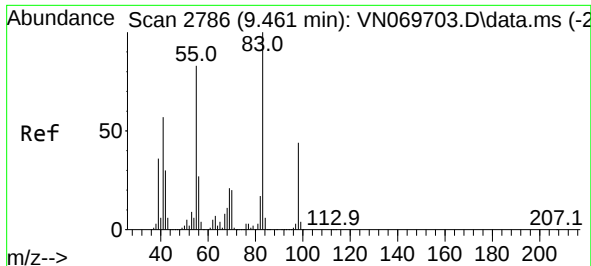
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 52.155 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

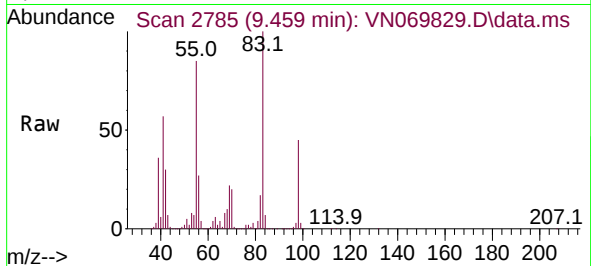
Tgt Ion:117 Resp: 877547
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 51.929 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

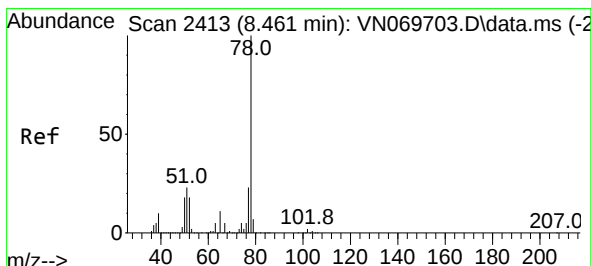
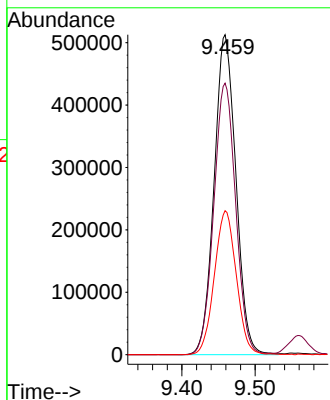
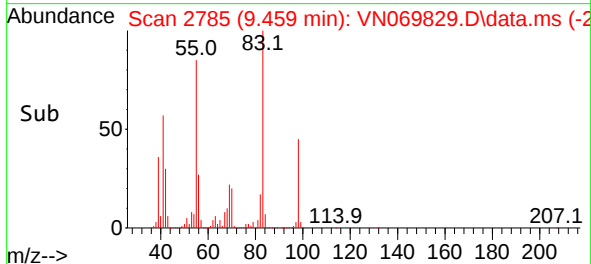
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 1059824
Ion Ratio Lower Upper
83 100
55 84.9 58.1 87.1
98 45.0 38.4 57.6

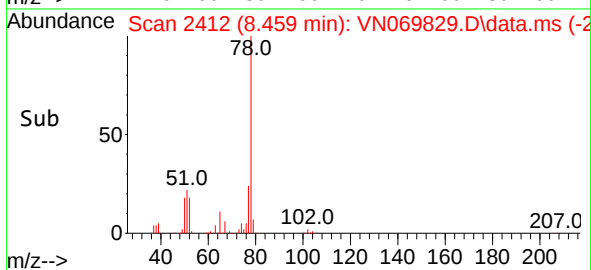
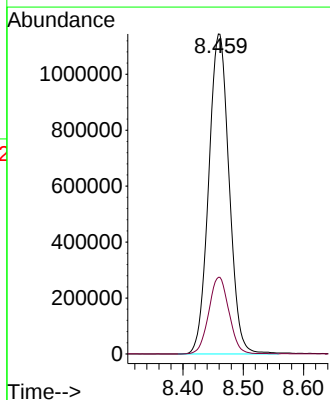
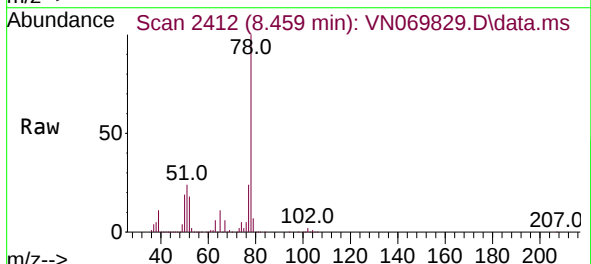
Manual Integrations
APPROVED

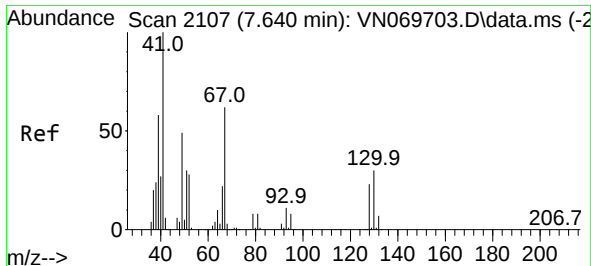
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#40
Benzene
Concen: 51.291 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion: 78 Resp: 2690013
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





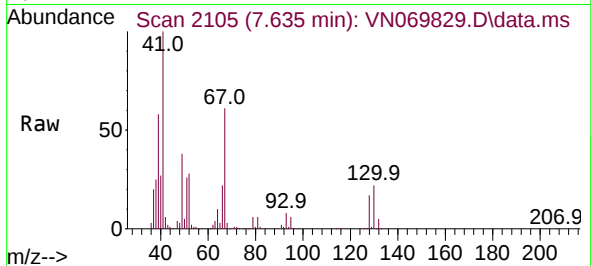
#41
Methacrylonitrile
Concen: 50.885 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

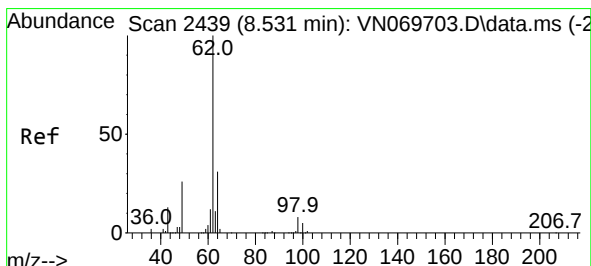
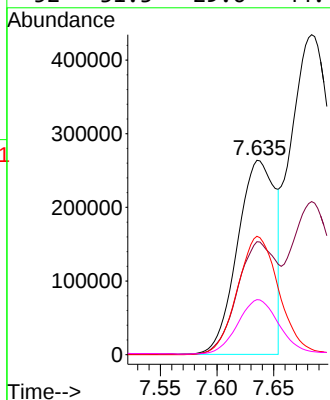
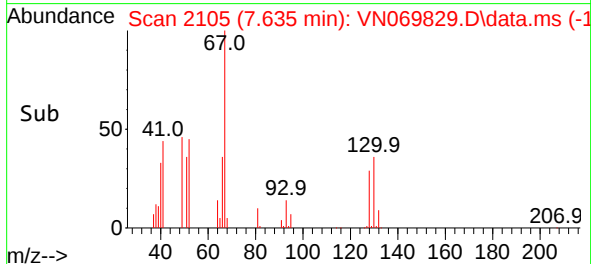
VSTDCCC050



Tgt Ion: 41 Resp: 610020
Ion Ratio Lower Upper
41 100
39 60.8 48.1 72.1
67 68.1 68.3 102.5
52 31.3 29.6 44.4

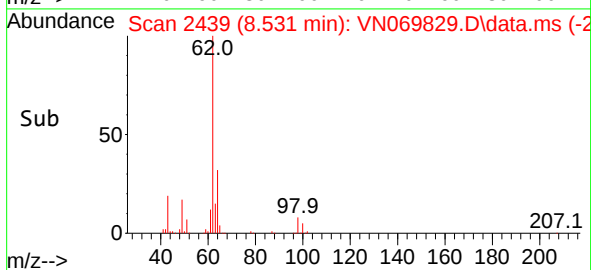
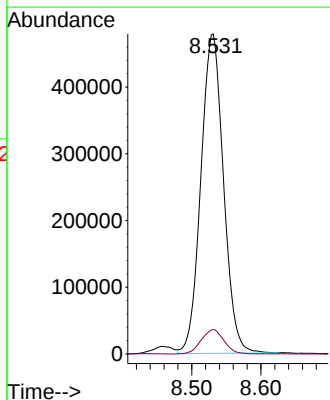
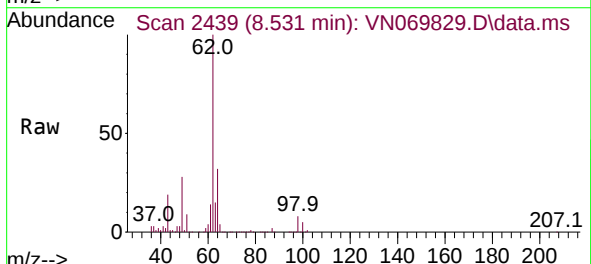
Manual Integrations
APPROVED

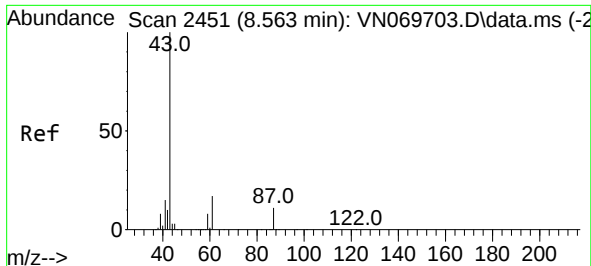
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 51.269 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion: 62 Resp: 1085427
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





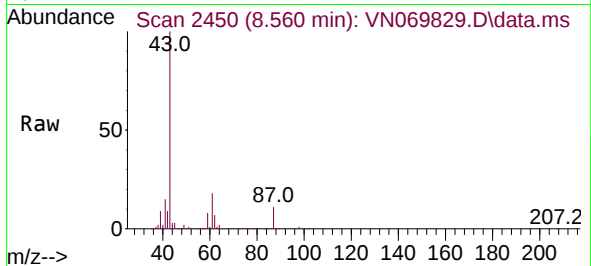
#43
Isopropyl Acetate
Concen: 50.429 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

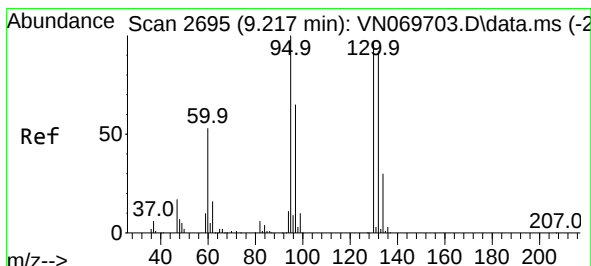
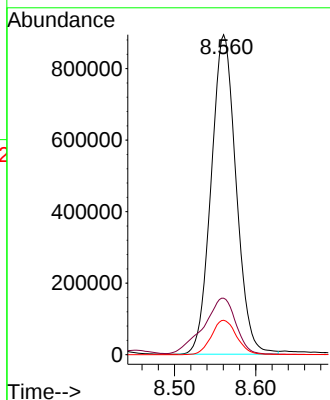
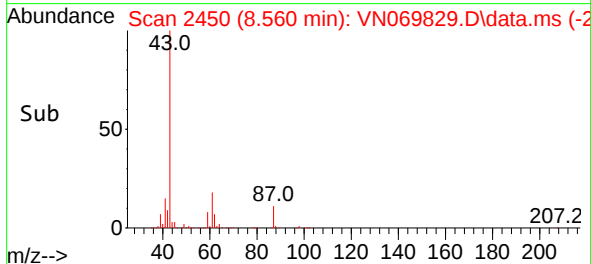
VSTDCCC050



Tgt Ion: 43 Resp: 1905784
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 10.9 11.2 16.8

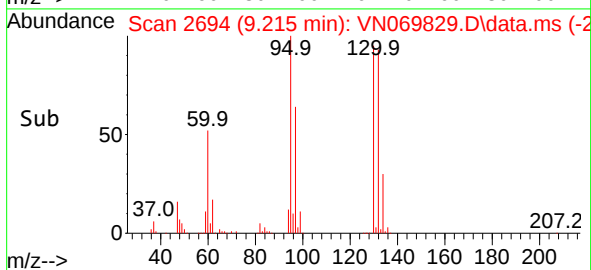
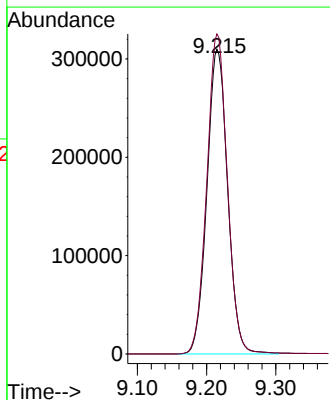
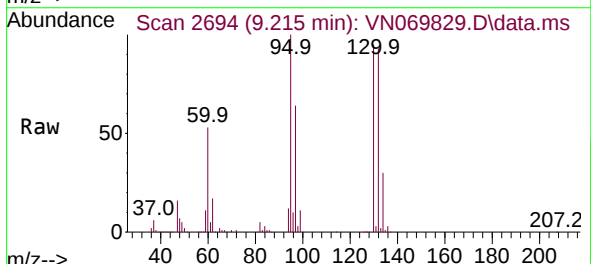
Manual Integrations
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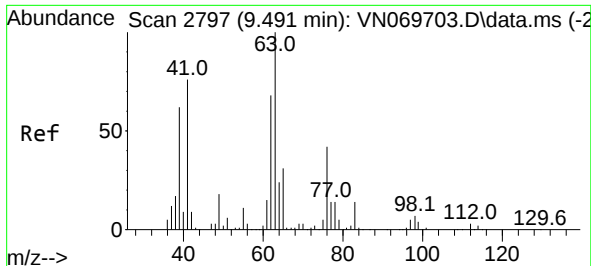
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 51.430 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

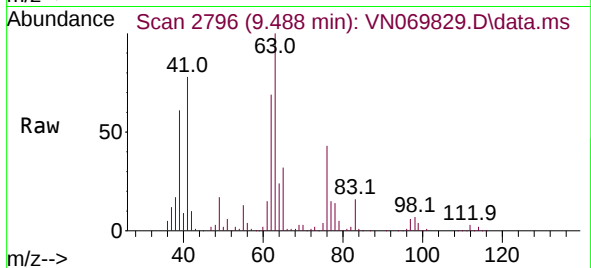
Tgt Ion:130 Resp: 643786
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 52.125 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

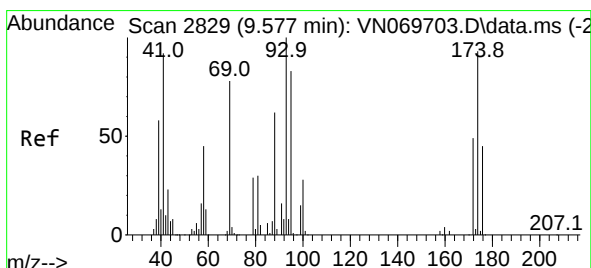
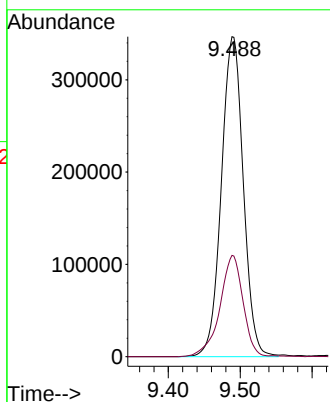
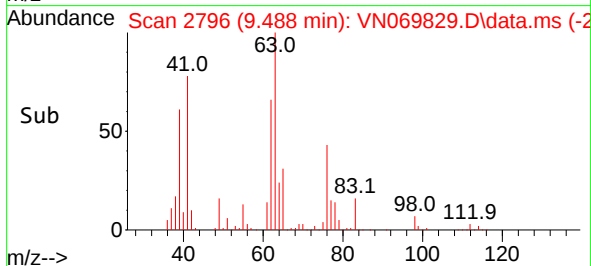
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



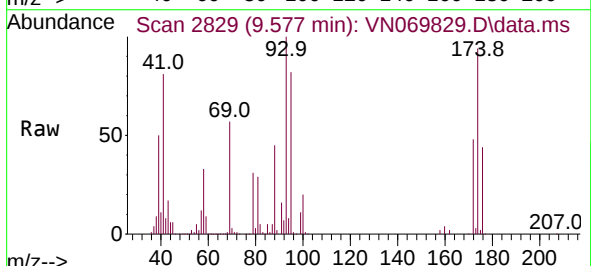
Tgt Ion: 63 Resp: 73410
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

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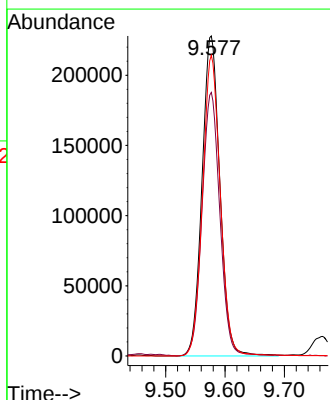
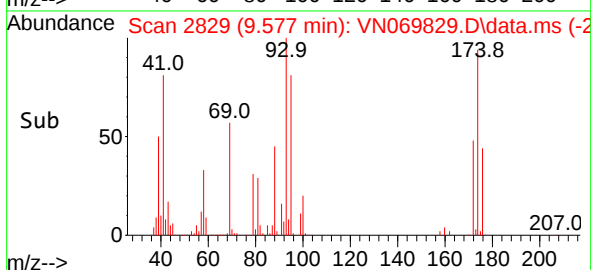
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

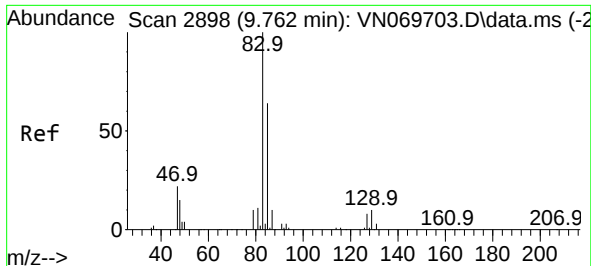


#46
Dibromomethane
Concen: 51.642 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



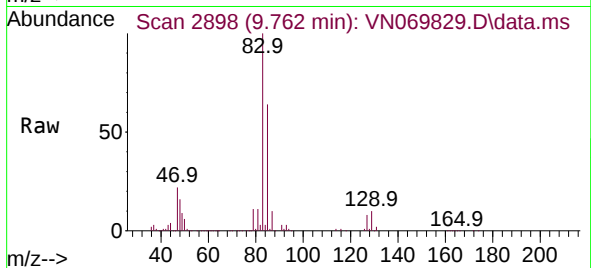
Tgt Ion: 93 Resp: 476994
Ion Ratio Lower Upper
93 100
95 82.1 65.9 98.9
174 92.8 84.6 127.0





#47
Bromodichloromethane
Concen: 53.777 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

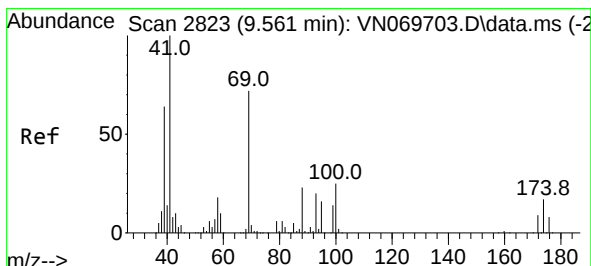
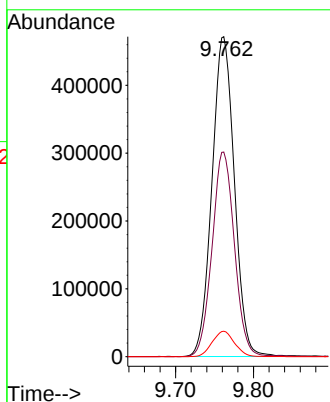
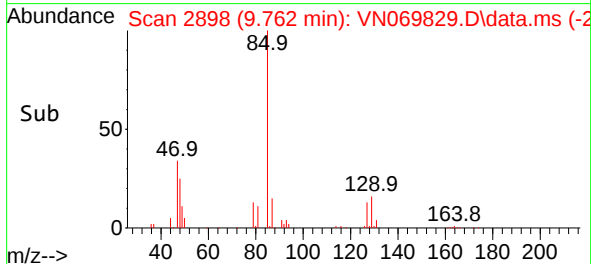
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 940458
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.0 7.1 10.7

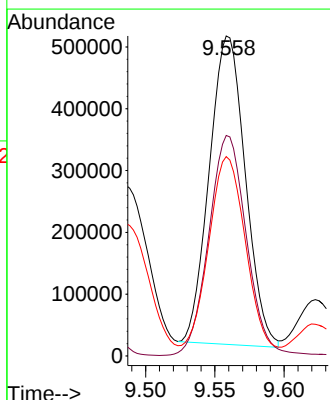
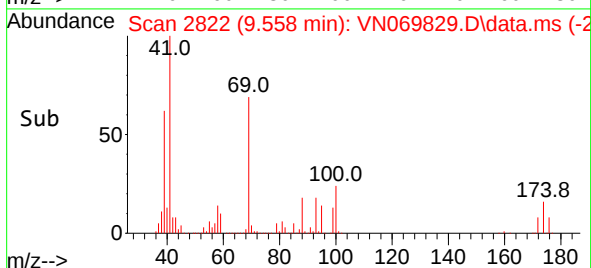
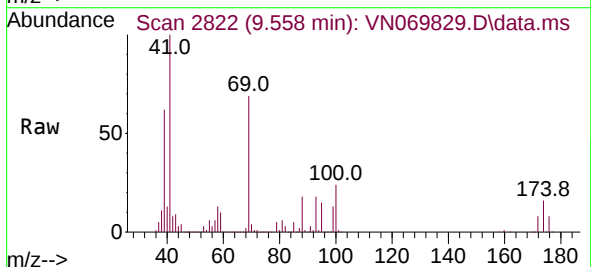
Manual Integrations
APPROVED

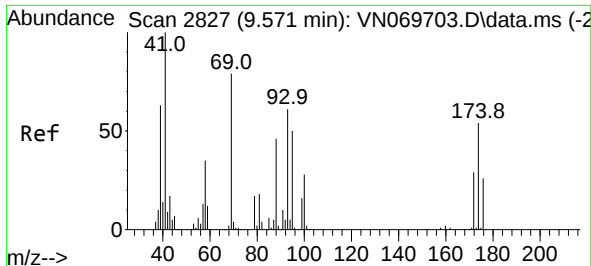
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 51.155 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion: 41 Resp: 902191
Ion Ratio Lower Upper
41 100
69 75.1 72.4 108.6
39 67.1 58.4 87.6





#49

1,4-Dioxane

Concen: 849.300 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 26876

Ion Ratio Lower Upper

88 100

43 36.7 23.4 35.2

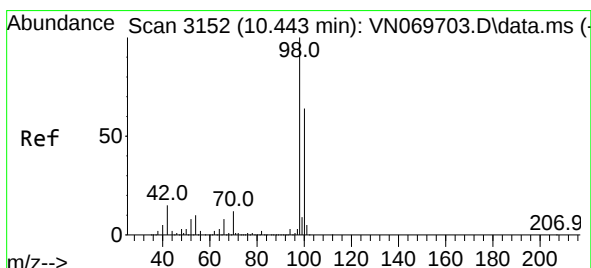
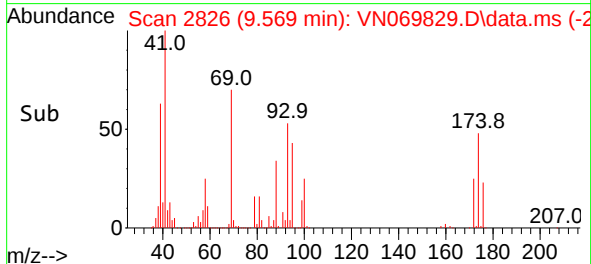
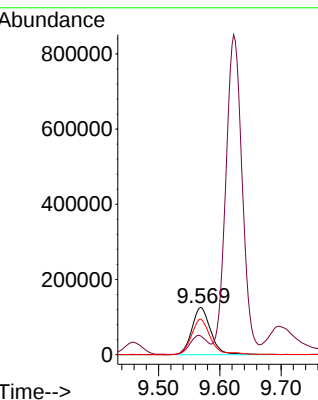
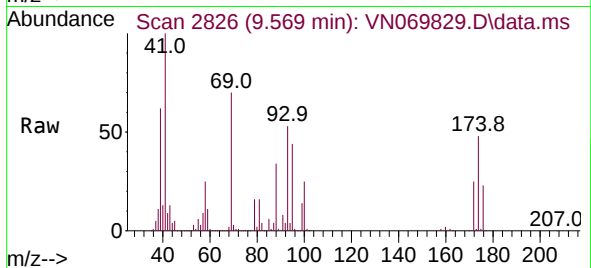
58 73.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#50

Toluene-d8

Concen: 48.400 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069829.D

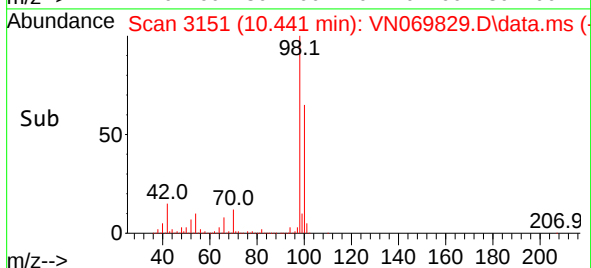
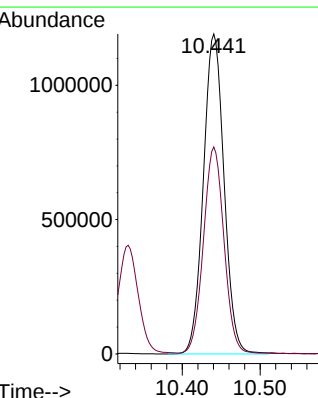
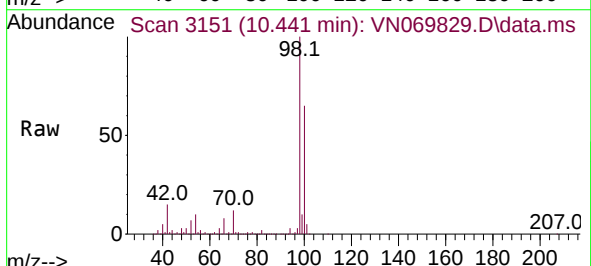
Acq: 7 Dec 2021 21:46

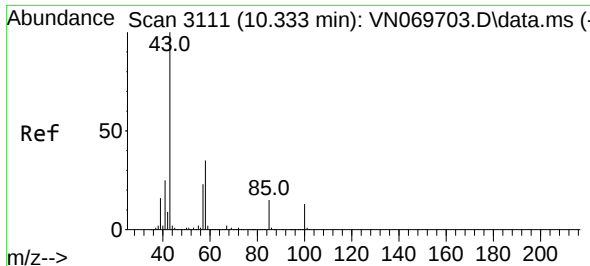
Tgt Ion: 98 Resp: 2194063

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6





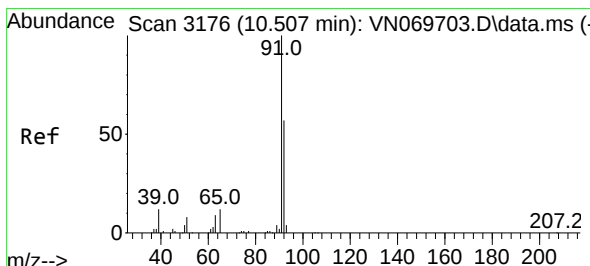
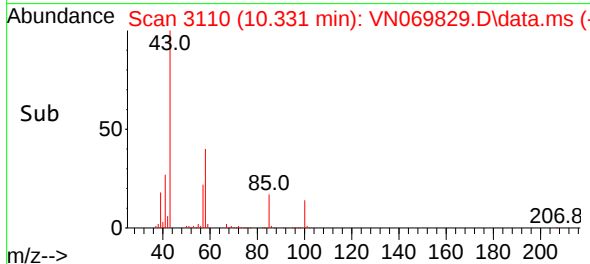
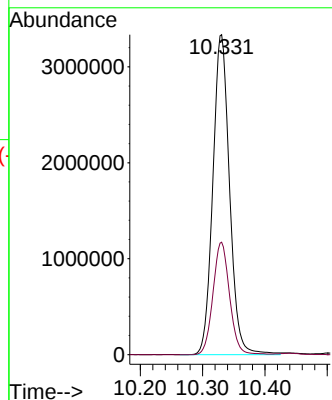
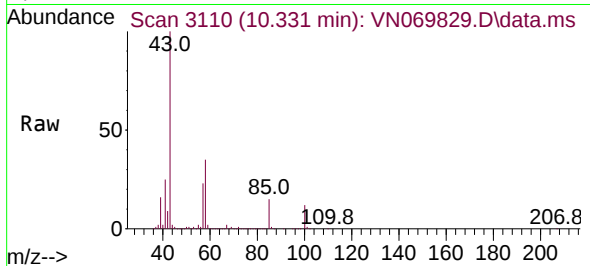
#51
4-Methyl-2-Pentanone
Concen: 253.618 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 6217830
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

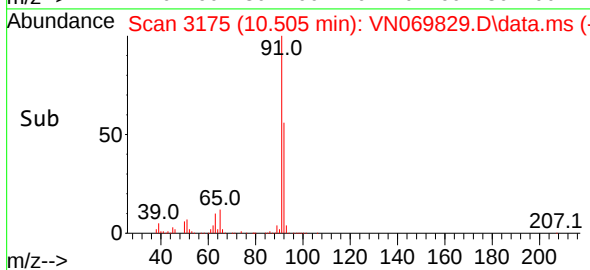
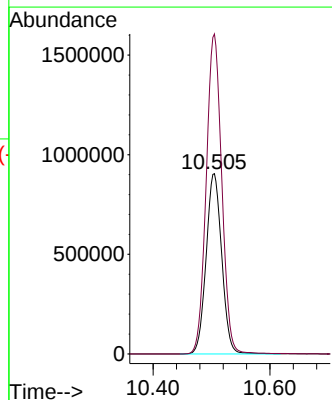
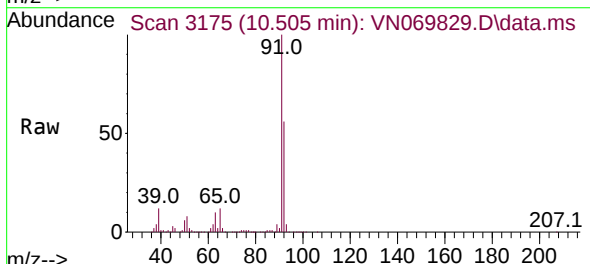
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 52.324 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

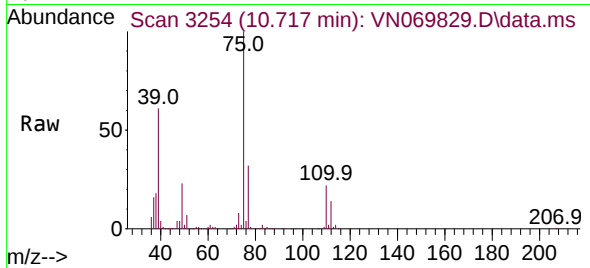
Tgt Ion: 92 Resp: 1675358
Ion Ratio Lower Upper
92 100
91 177.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 48.009 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

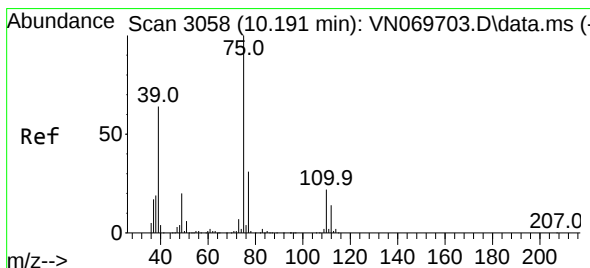
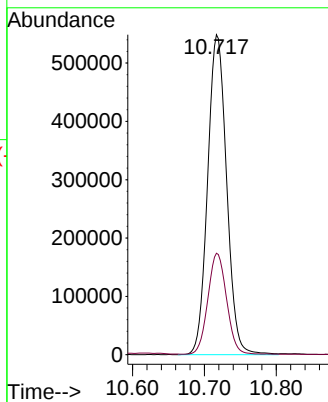
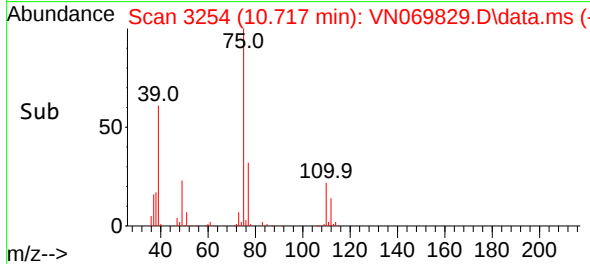
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



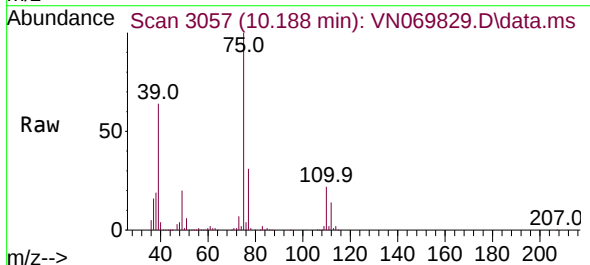
Tgt Ion: 75 Resp: 100747
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

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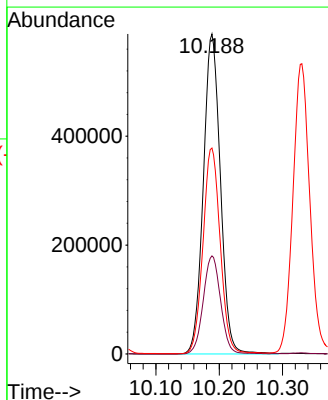
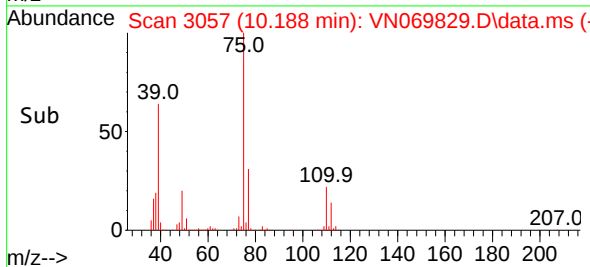
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

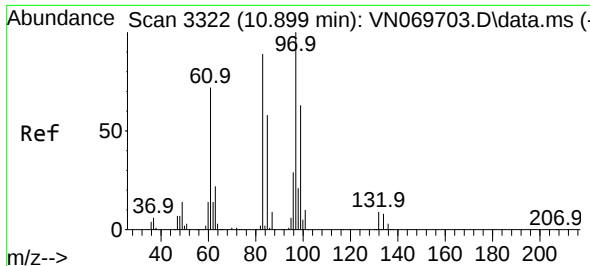


#54
cis-1,3-Dichloropropene
Concen: 49.836 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



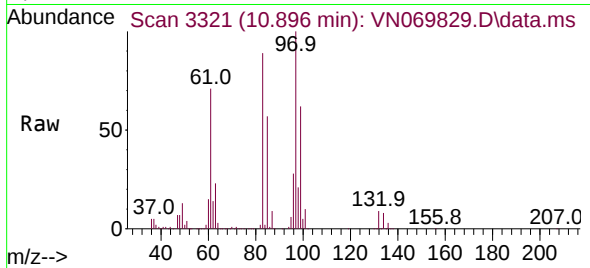
Tgt Ion: 75 Resp: 1100120
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 64.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 51.933 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

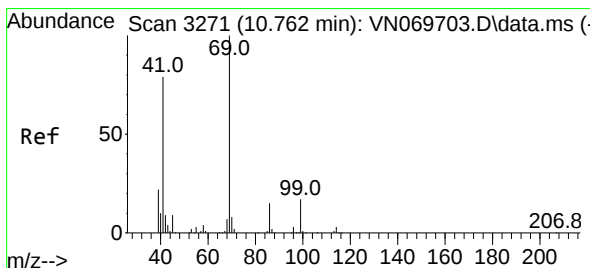
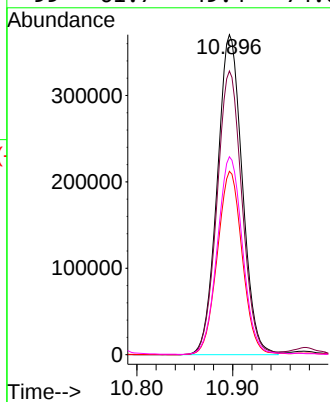
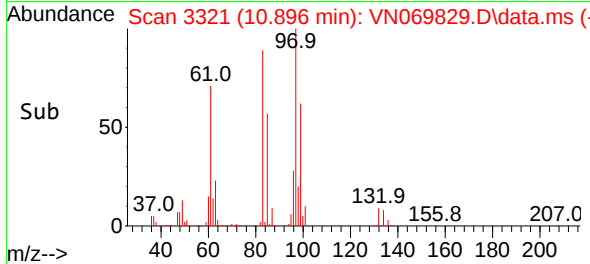
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 670923
Ion Ratio Lower Upper
97 100
83 88.6 67.8 101.6
85 57.3 45.4 68.2
99 61.7 49.4 74.0

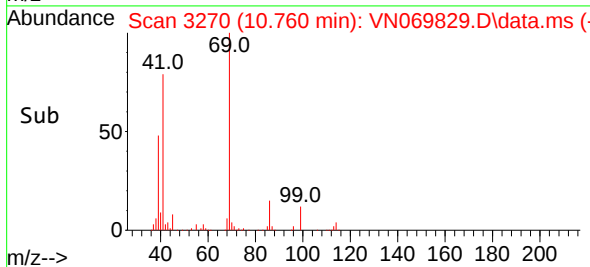
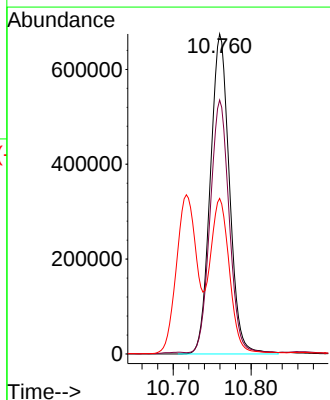
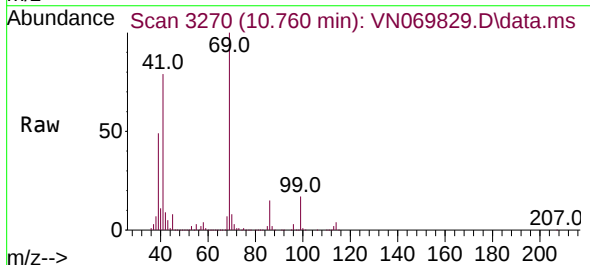
Manual Integrations
APPROVED

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



#56
Ethyl methacrylate
Concen: 47.249 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion: 69 Resp: 1148562
Ion Ratio Lower Upper
69 100
41 78.5 51.4 77.0#
39 47.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.761 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1200199

Ion Ratio Lower Upper

76 100

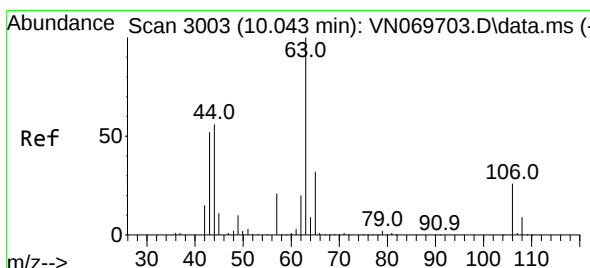
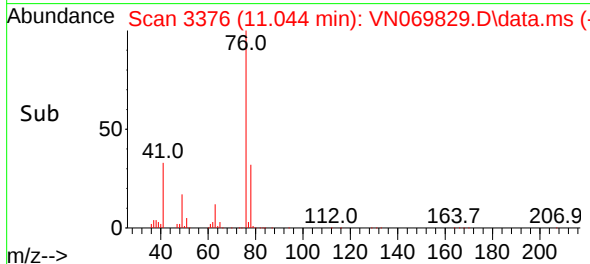
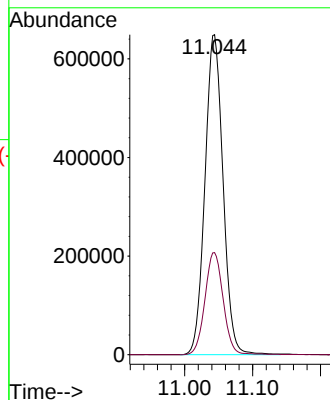
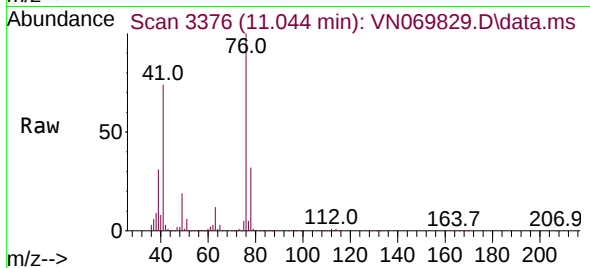
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 195.014 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069829.D

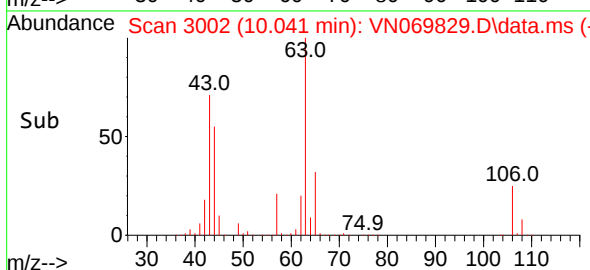
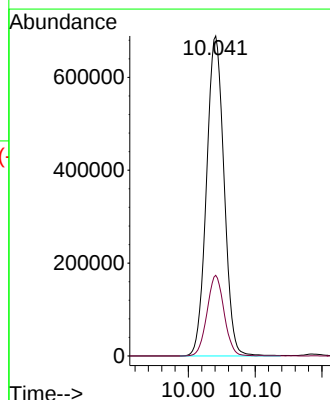
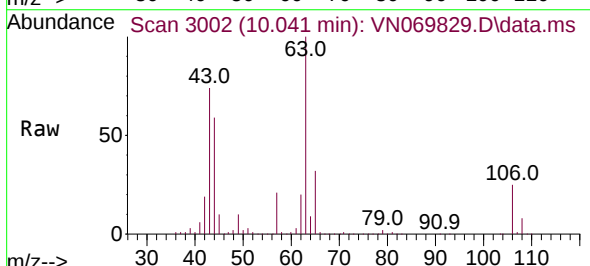
Acq: 7 Dec 2021 21:46

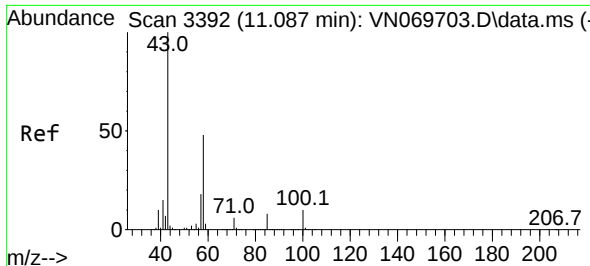
Tgt Ion: 63 Resp: 1254983

Ion Ratio Lower Upper

63 100

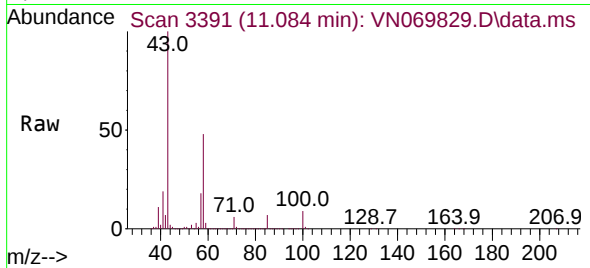
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 237.169 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

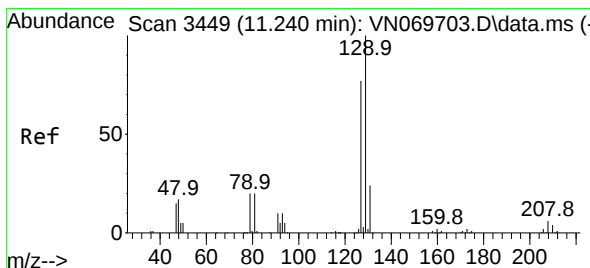
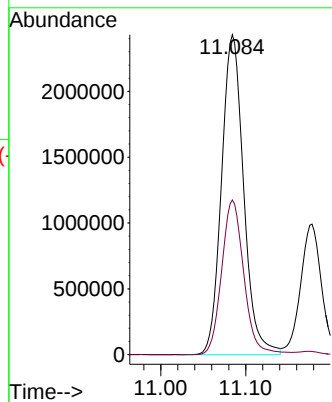
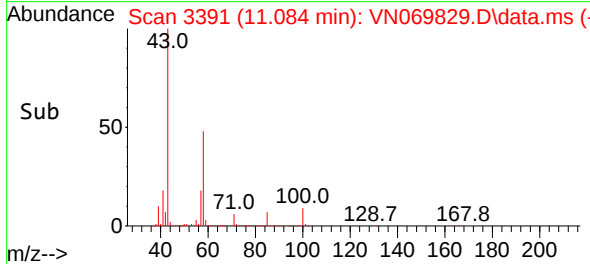
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 439853
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

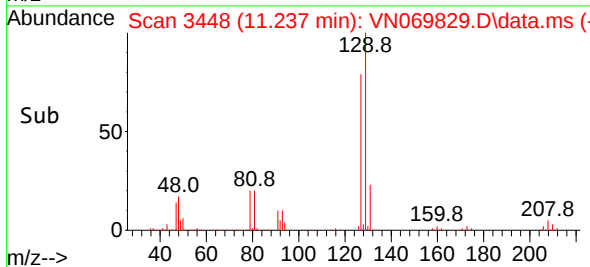
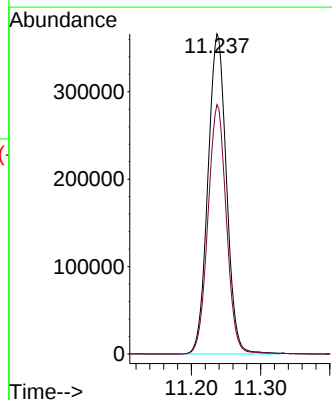
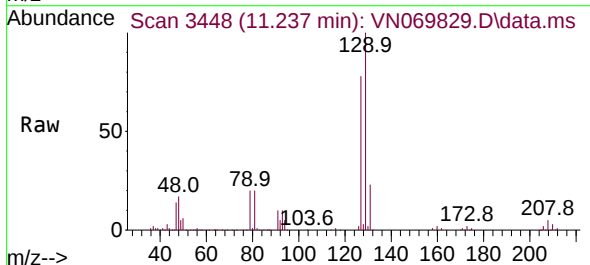
Manual Integrations
APPROVED

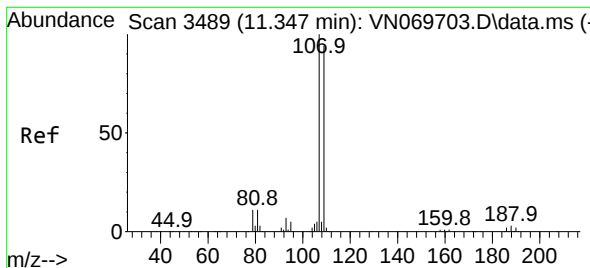
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 49.180 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

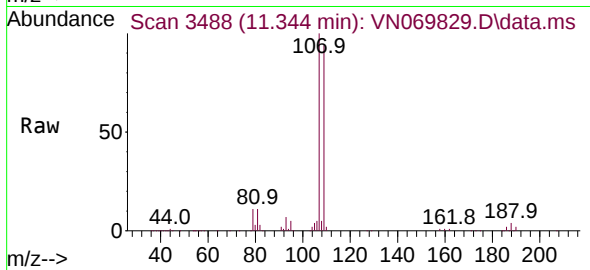
Tgt Ion:129 Resp: 680196
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.764 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

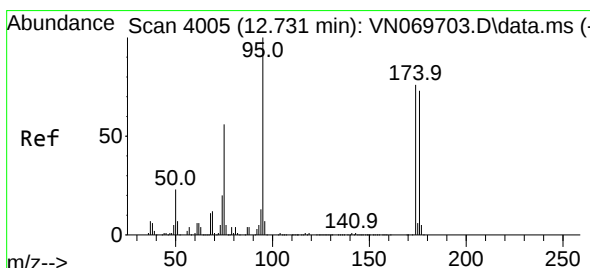
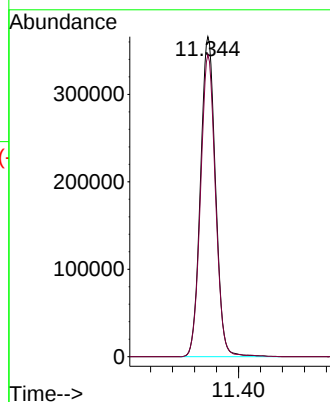
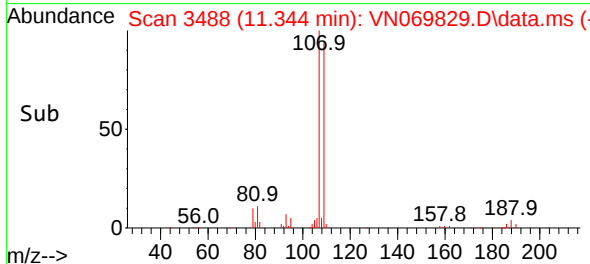
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 69265
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

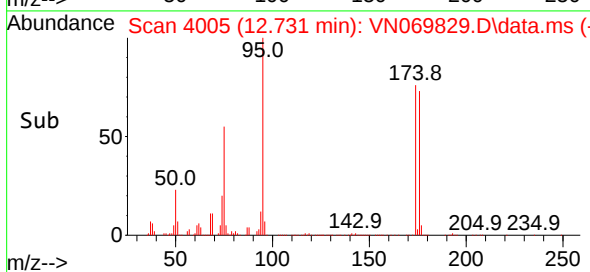
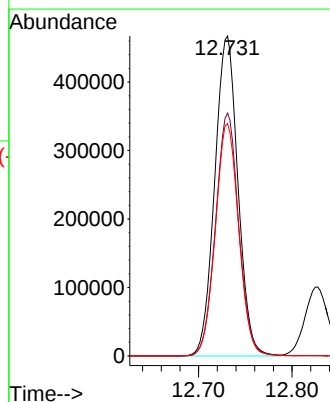
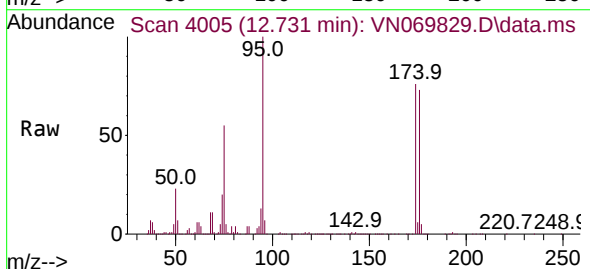
Manual Integrations
APPROVED

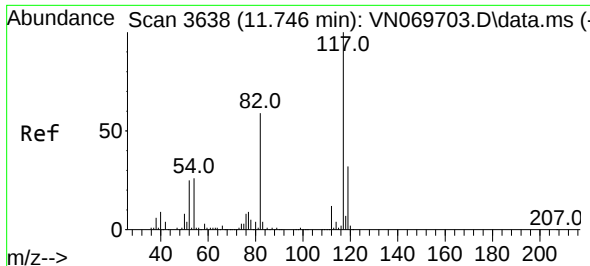
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 49.222 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

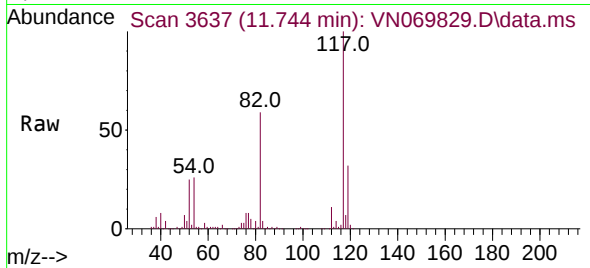
Tgt Ion: 95 Resp: 808372
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

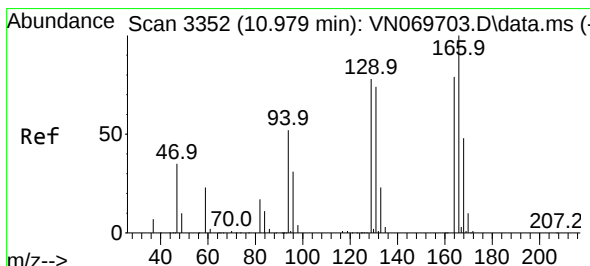
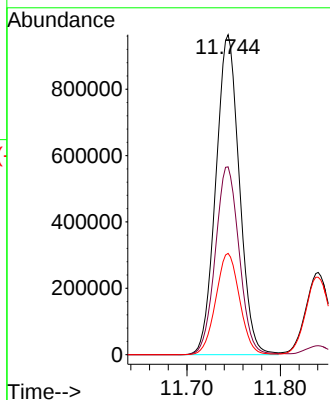
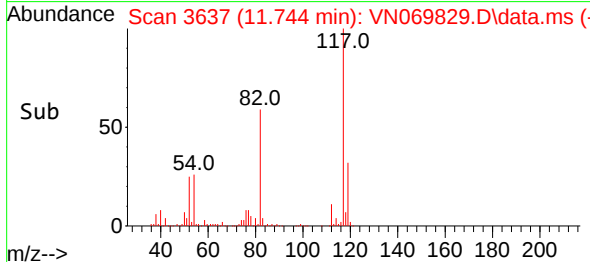
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 168884
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.7 25.4 38.2

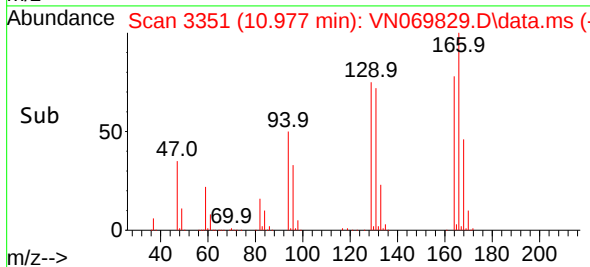
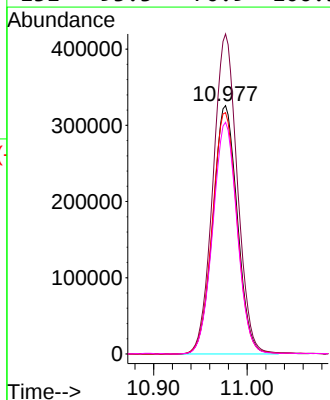
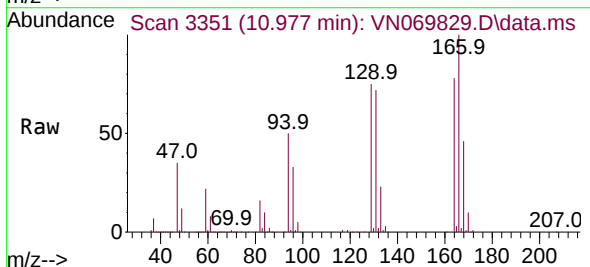
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 51.733 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

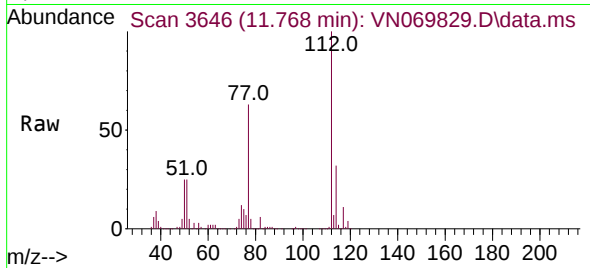
Tgt Ion:164 Resp: 592425
Ion Ratio Lower Upper
164 100
166 128.9 101.9 152.9
129 97.2 72.0 108.0
131 93.3 70.9 106.3





#65
Chlorobenzene
Concen: 52.043 ug/l
RT: 11.768 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

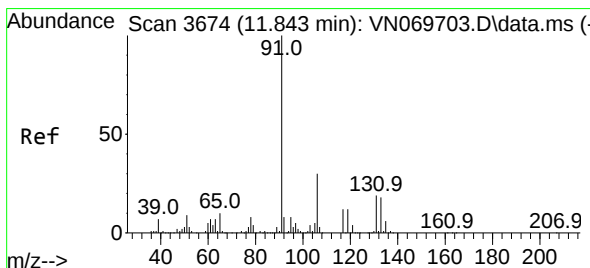
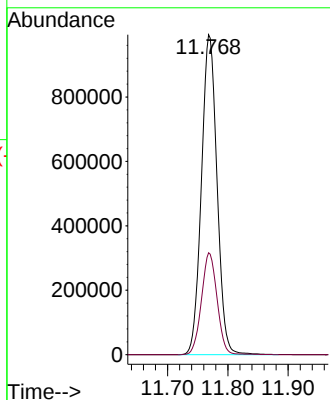
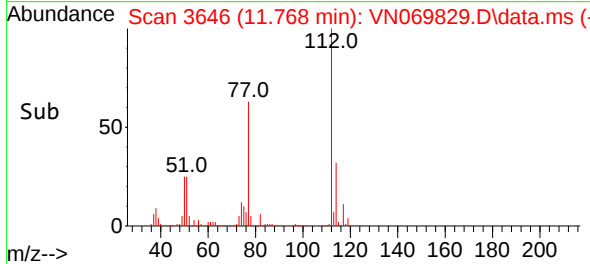
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



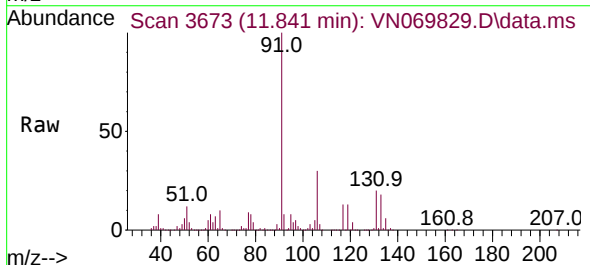
Tgt Ion:112 Resp: 178308
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

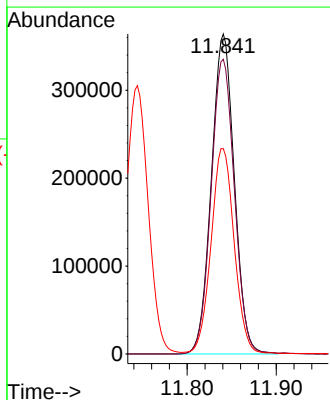
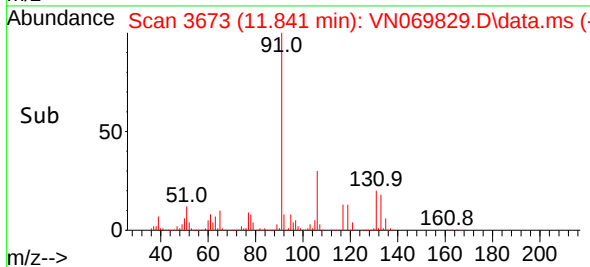
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 54.077 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



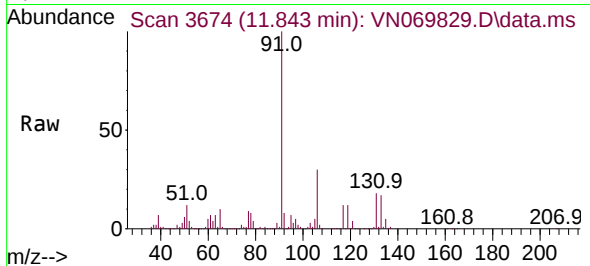
Tgt Ion:131 Resp: 652112
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 64.8 32.1 96.5





#67
Ethyl Benzene
Concen: 53.747 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

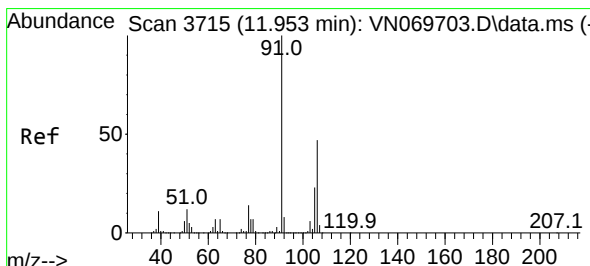
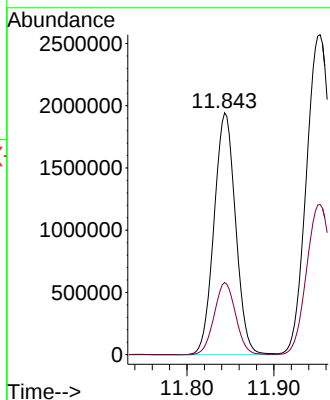
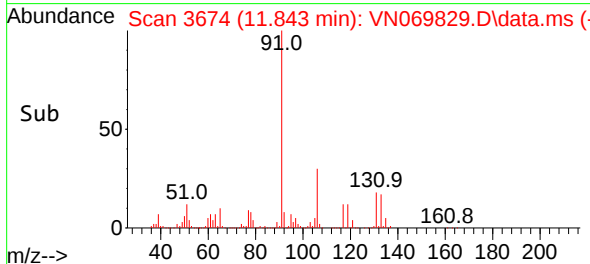
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 3344975
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

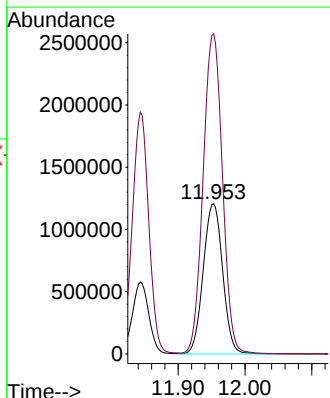
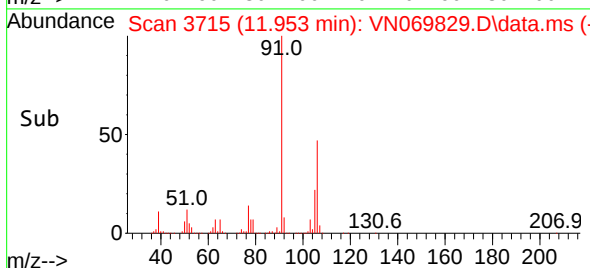
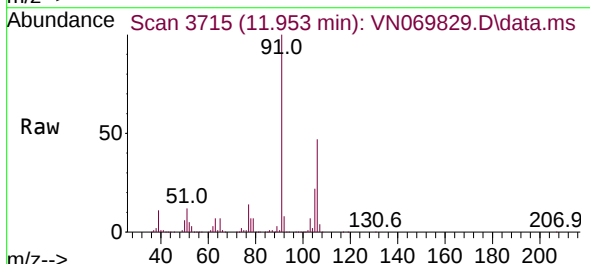
Manual Integrations
APPROVED

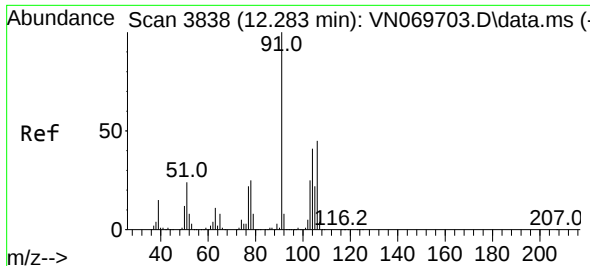
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 107.574 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion:106 Resp: 2437675
Ion Ratio Lower Upper
106 100
91 212.9 160.6 240.8





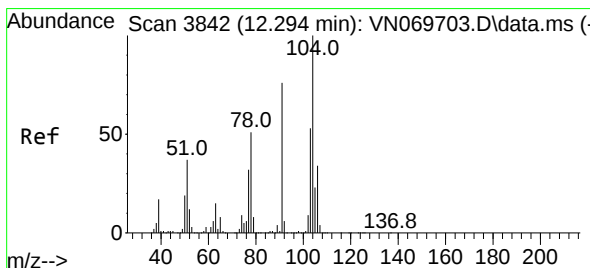
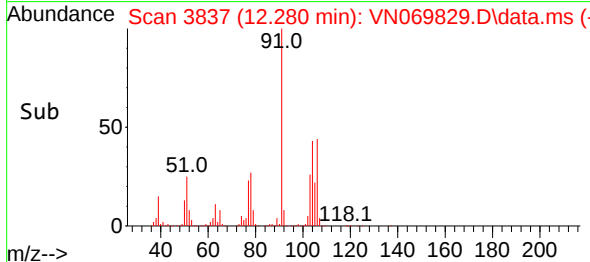
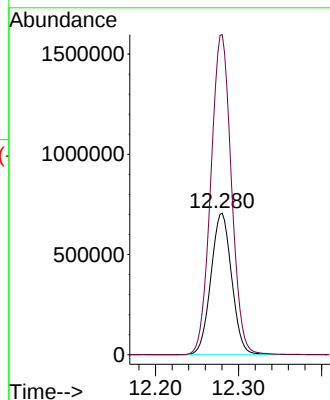
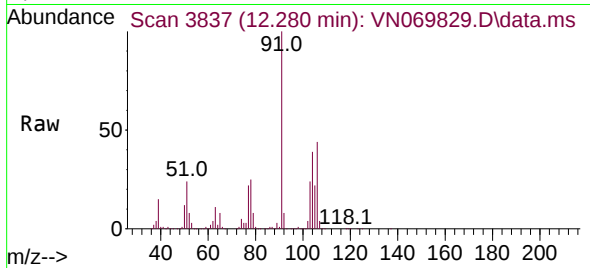
#69
o-Xylene
Concen: 53.668 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 122499
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

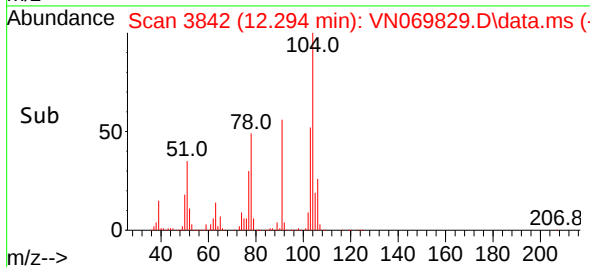
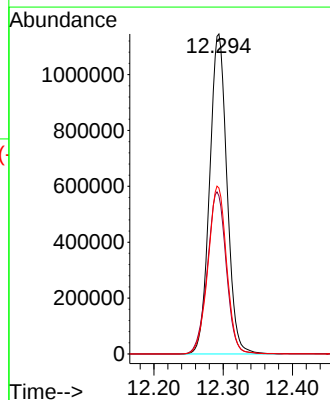
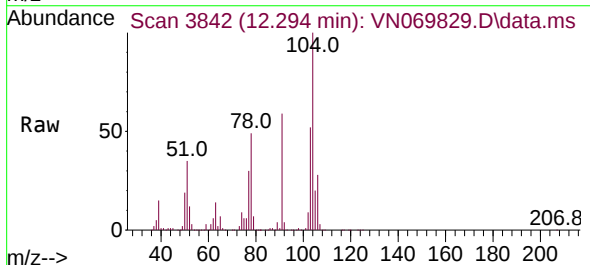
Manual Integrations
APPROVED

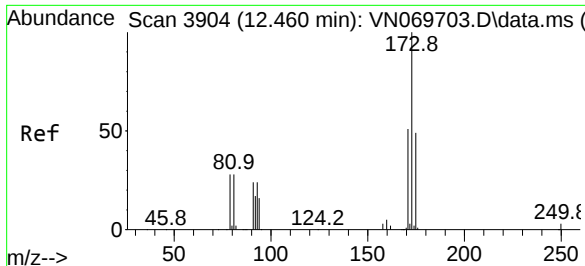
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 55.215 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

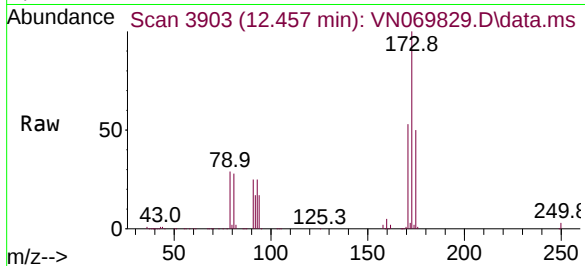
Tgt Ion:104 Resp: 1998440
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 47.450 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

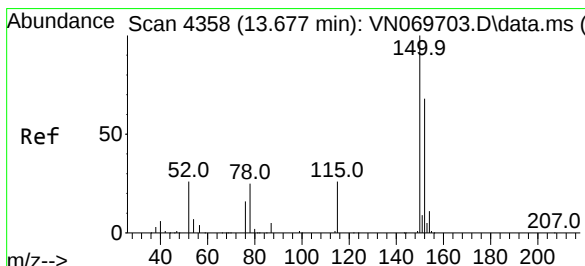
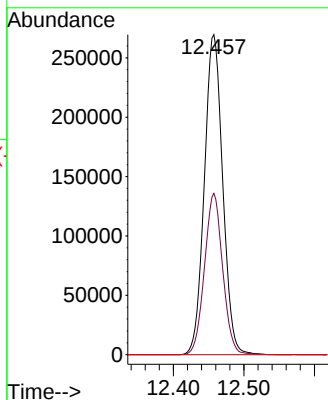
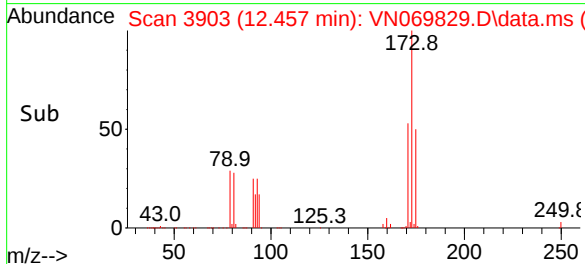
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



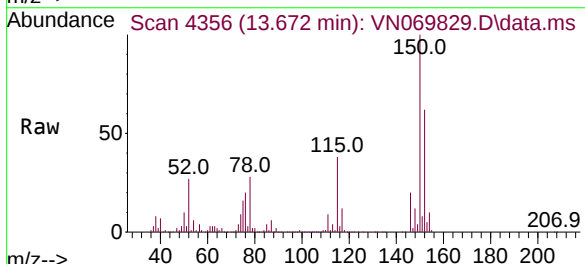
Tgt Ion:173 Resp: 487880
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

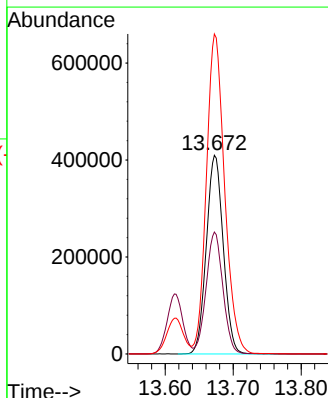
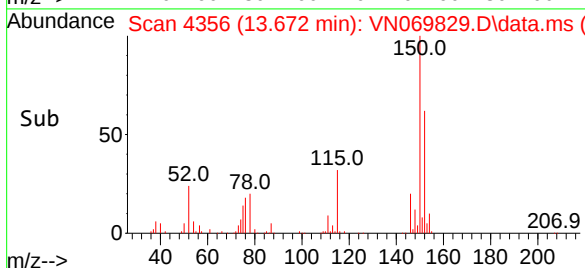
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

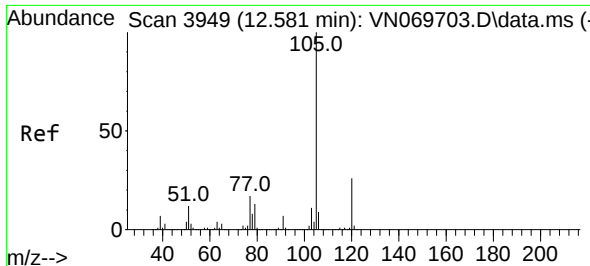


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46



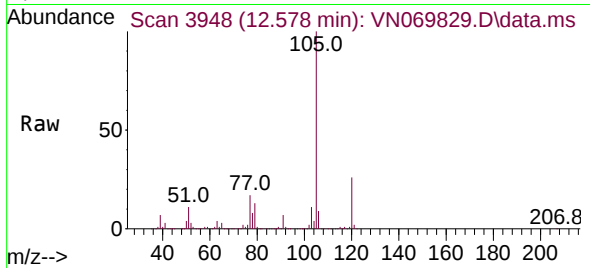
Tgt Ion:152 Resp: 709418
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 173.3 0.0 344.4





#73
Isopropylbenzene
Concen: 51.385 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

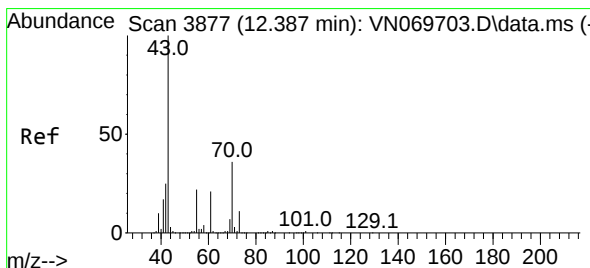
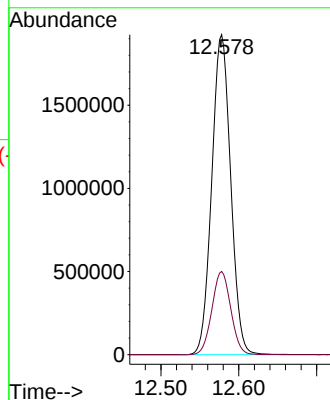
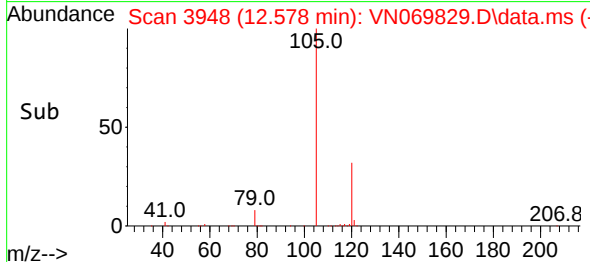
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 3243338
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

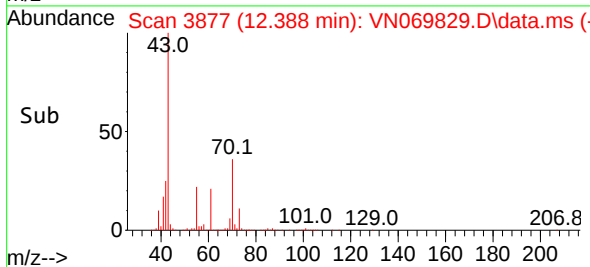
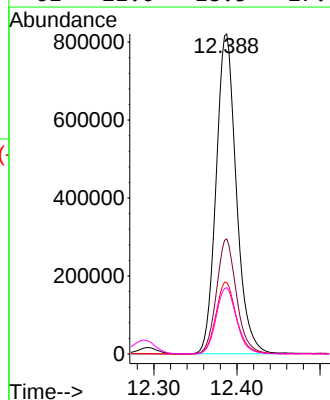
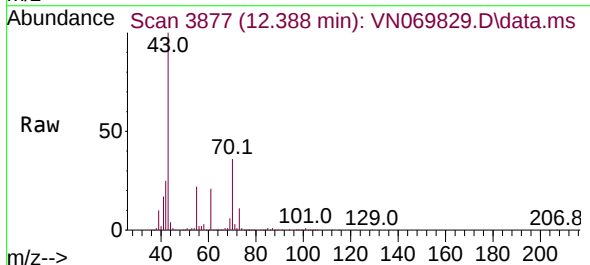
Manual Integrations
APPROVED

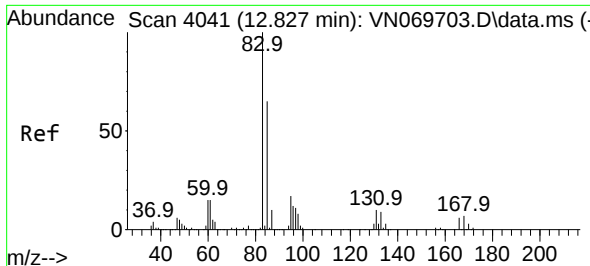
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 49.672 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

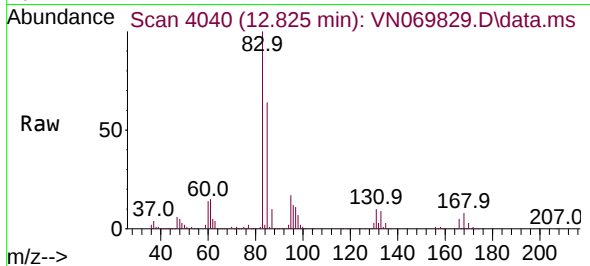
Tgt Ion: 43 Resp: 1386514
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 22.9 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.214 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

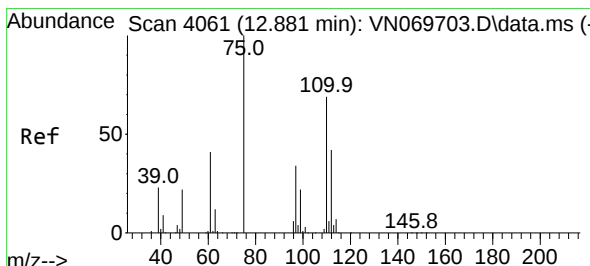
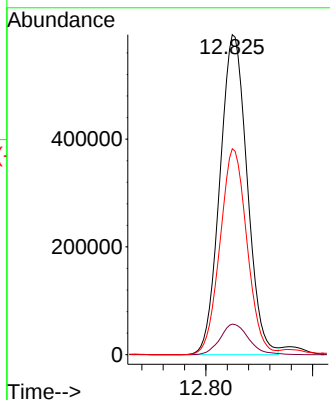
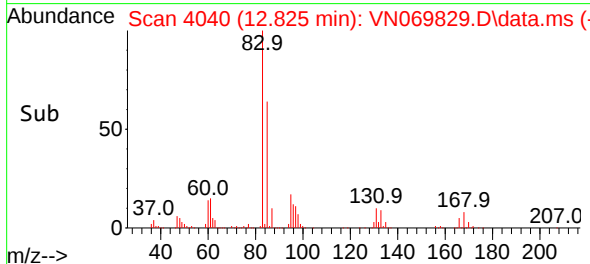
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 105233
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.6 32.4 97.2

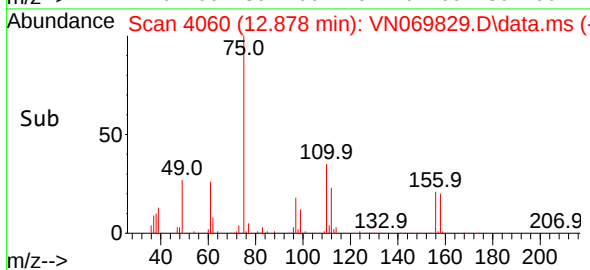
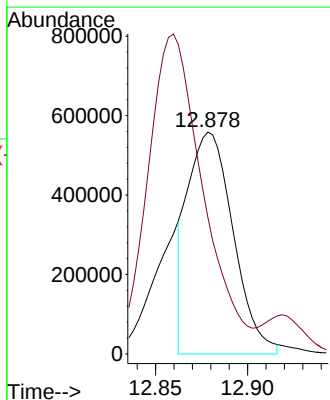
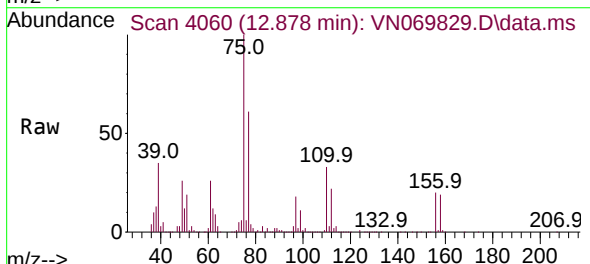
Manual Integrations
APPROVED

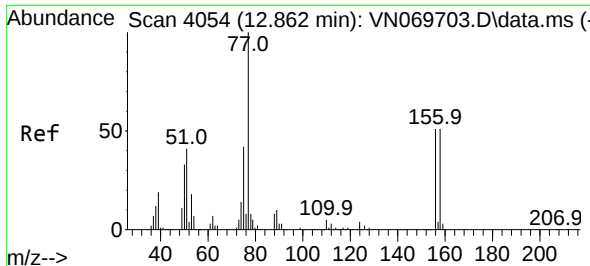
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#76
1,2,3-Trichloropropane
Concen: 47.135 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

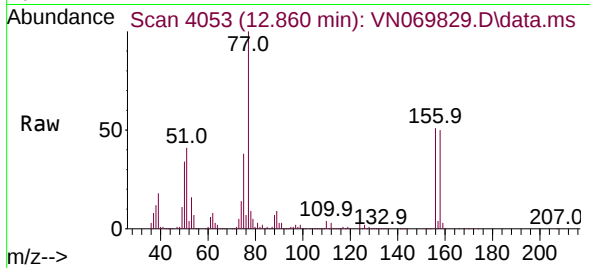
Tgt Ion: 75 Resp: 958930
Ion Ratio Lower Upper
75 100
77 175.5 82.6 247.8





#77
Bromobenzene
Concen: 49.702 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

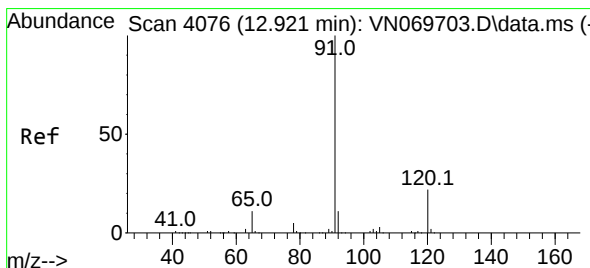
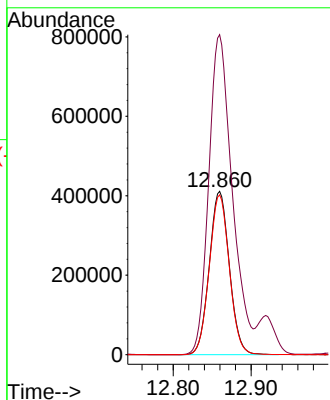
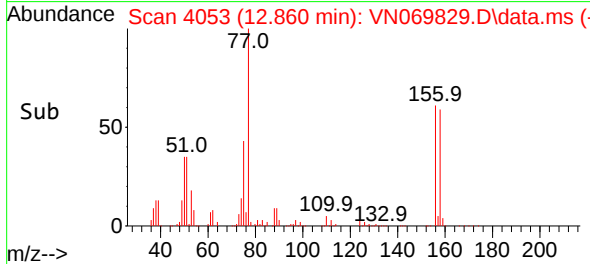
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 736868
Ion Ratio Lower Upper
156 100
77 228.4 90.6 271.8
158 97.6 48.9 146.7

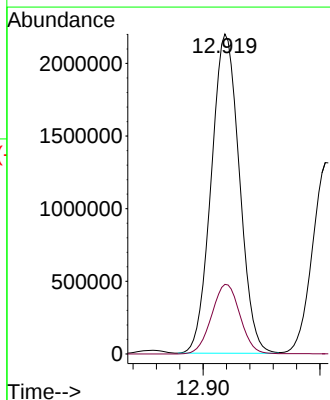
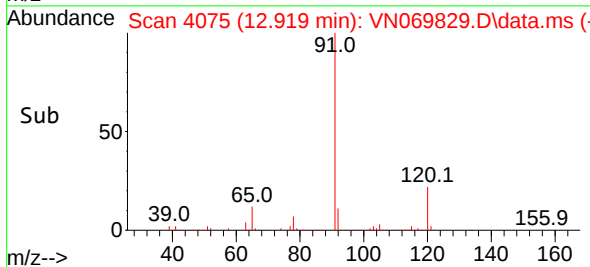
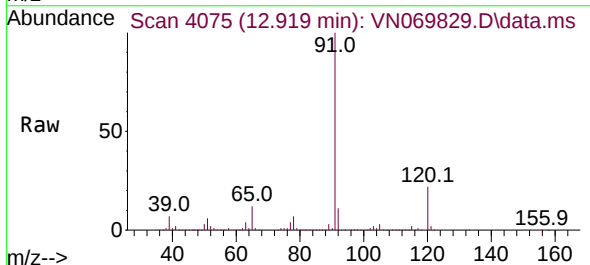
Manual Integrations
APPROVED

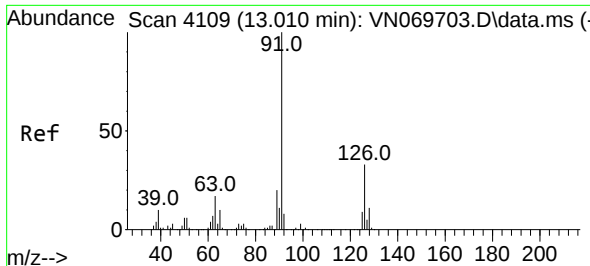
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#78
n-propylbenzene
Concen: 52.310 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion: 91 Resp: 3674117
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





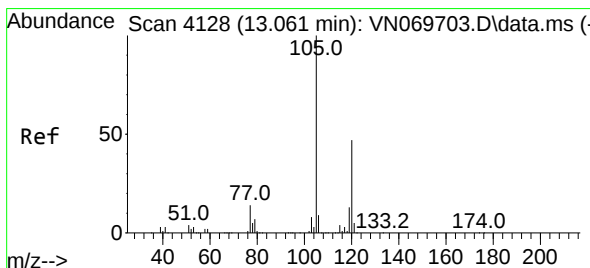
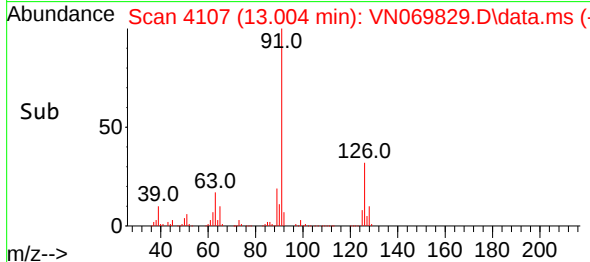
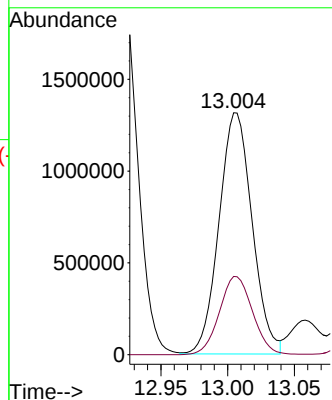
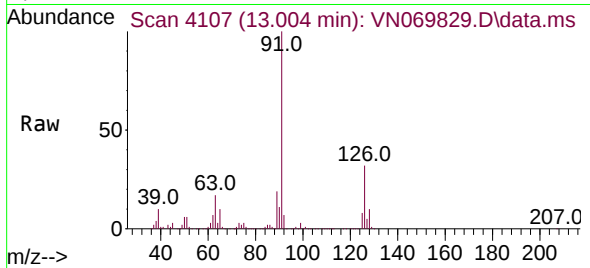
#79
2-Chlorotoluene
Concen: 51.198 ug/l
RT: 13.004 min Scan# 4109
Delta R.T. -0.005 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 227220
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

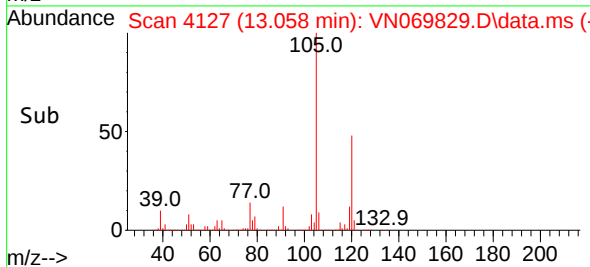
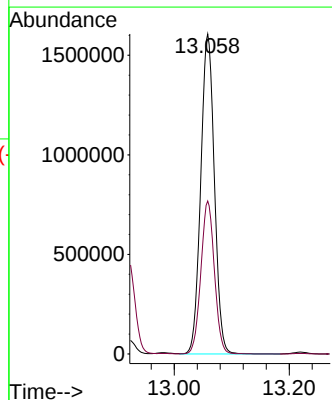
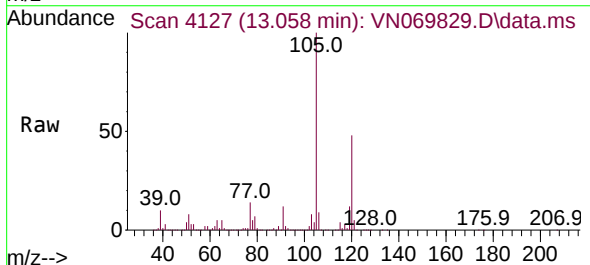
Manual Integrations
APPROVED

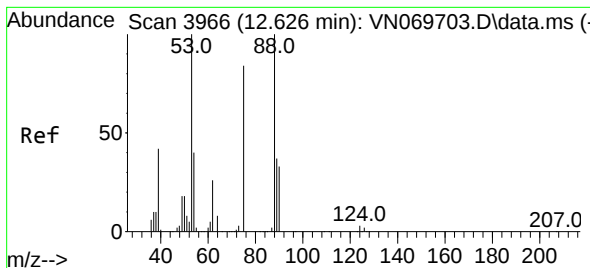
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.093 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

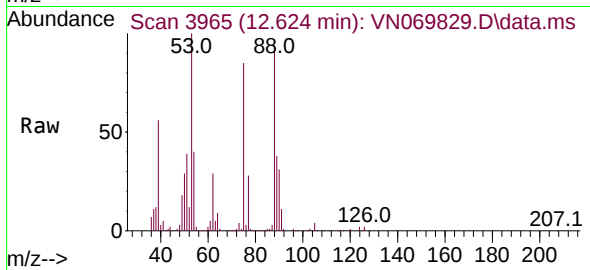
Tgt Ion:105 Resp: 2646491
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.600 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

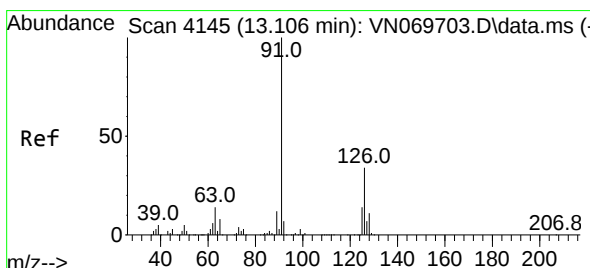
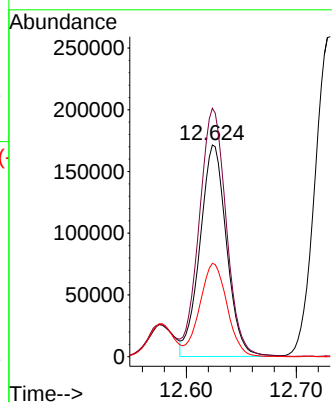
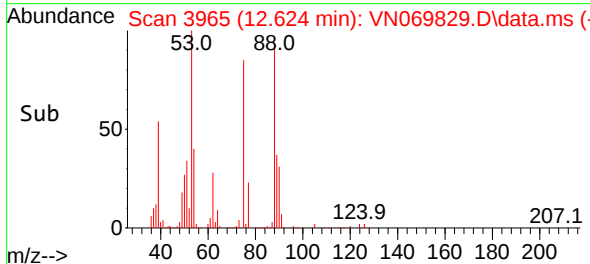
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 287799
Ion Ratio Lower Upper
75 100
53 119.3 90.5 135.7
89 45.4 38.2 57.4

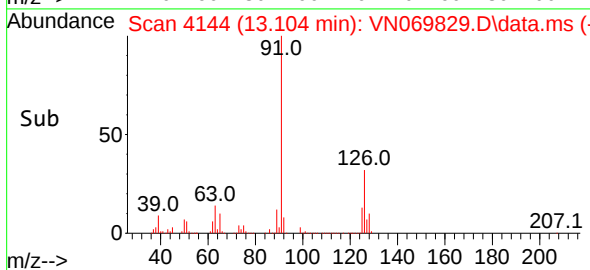
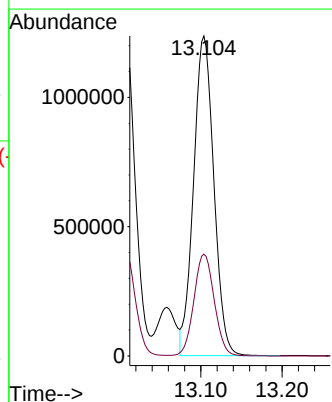
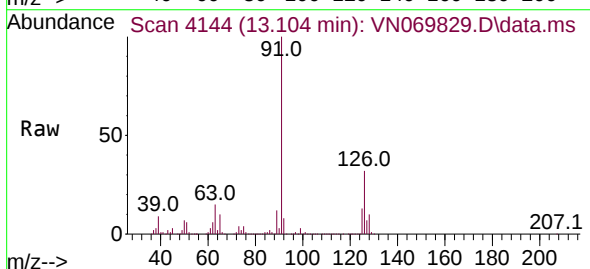
Manual Integrations
APPROVED

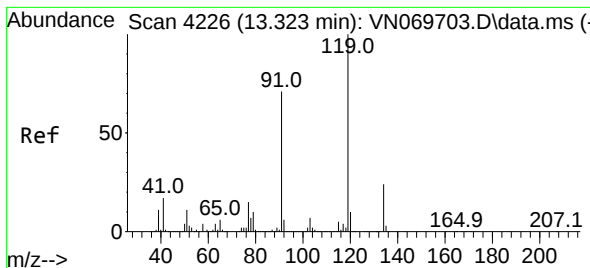
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 51.226 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion: 91 Resp: 2138034
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83

tert-Butylbenzene

Concen: 51.740 ug/l

RT: 13.321 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN069829.D

Acq: 7 Dec 2021 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 232749

Ion Ratio Lower Upper

119 100

91 69.7 31.5 94.5

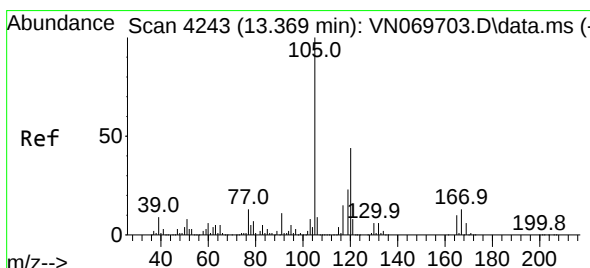
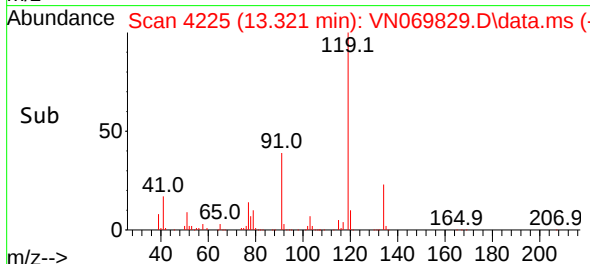
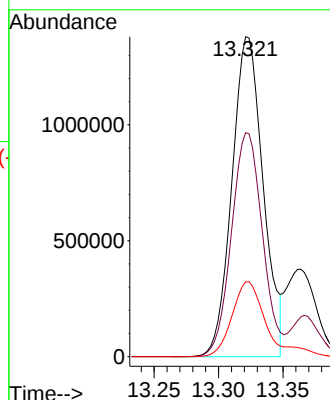
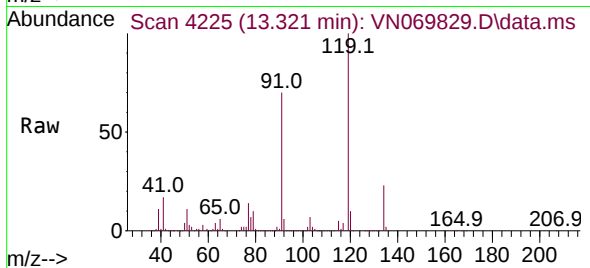
134 25.9 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#84

1,2,4-Trimethylbenzene

Concen: 53.778 ug/l

RT: 13.367 min Scan# 4242

Delta R.T. -0.002 min

Lab File: VN069829.D

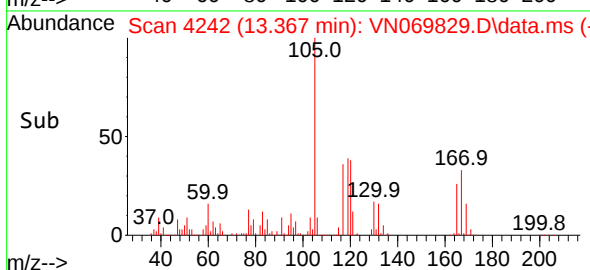
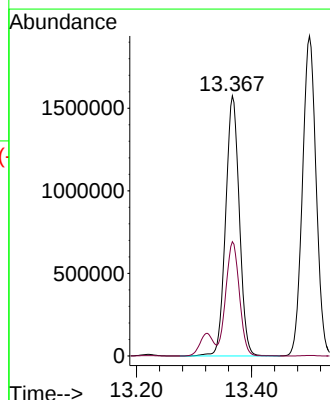
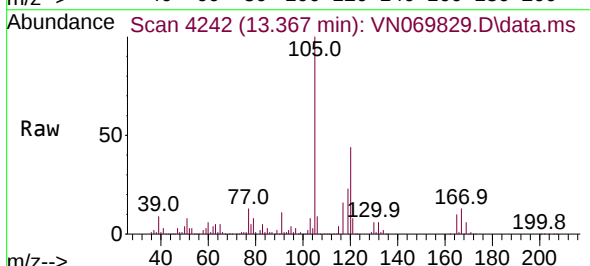
Acq: 7 Dec 2021 21:46

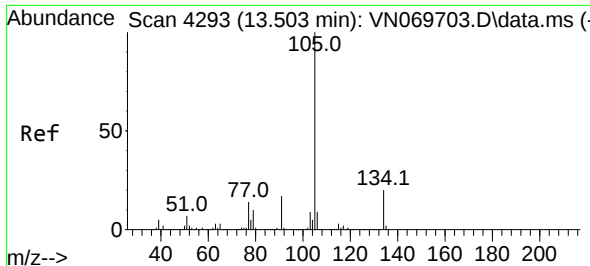
Tgt Ion:105 Resp: 2601891

Ion Ratio Lower Upper

105 100

120 43.6 22.8 68.4





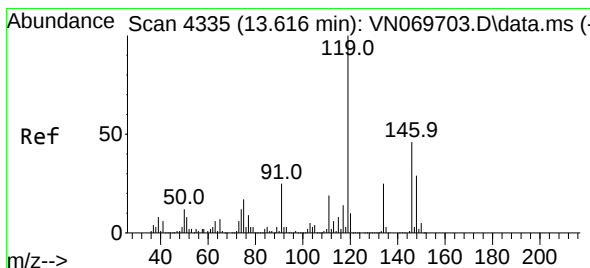
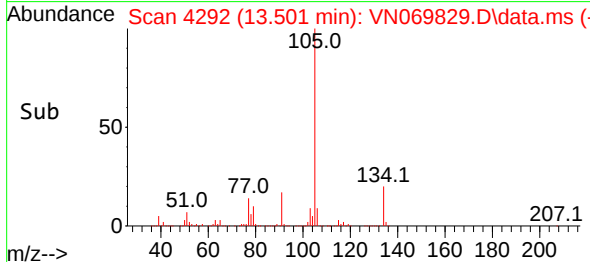
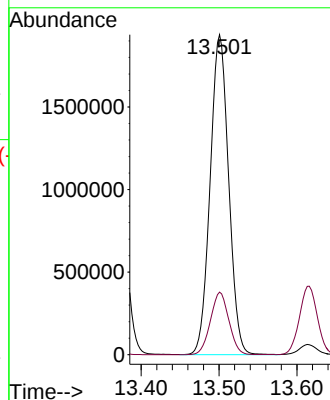
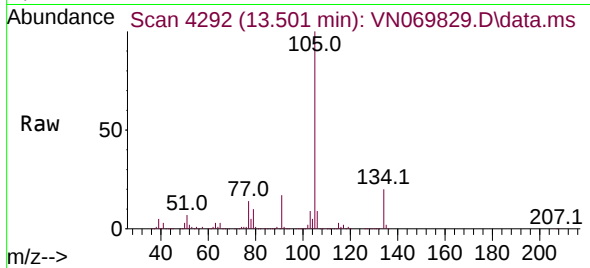
#85
 sec-Butylbenzene
 Concen: 52.289 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069829.D
 Acq: 7 Dec 2021 21:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 319055
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

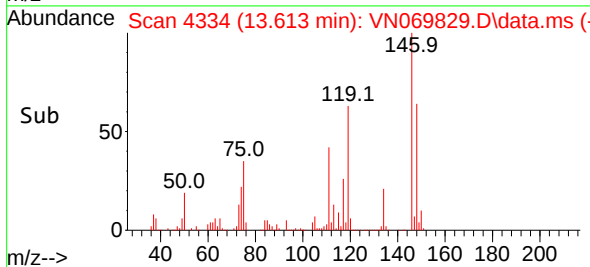
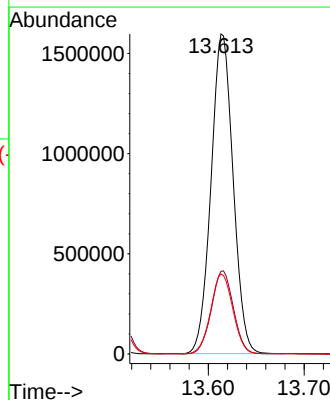
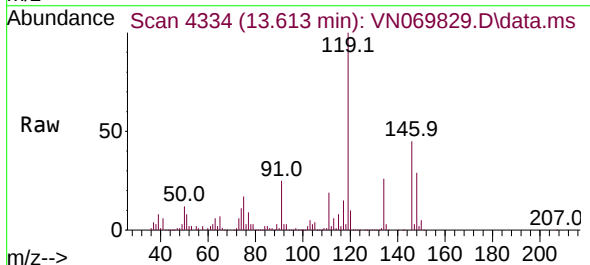
Manual Integrations
 APPROVED

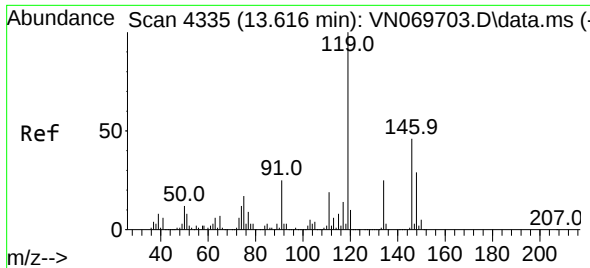
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 53.465 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN069829.D
 Acq: 7 Dec 2021 21:46

Tgt Ion:119 Resp: 2549986
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.1 11.4 34.1





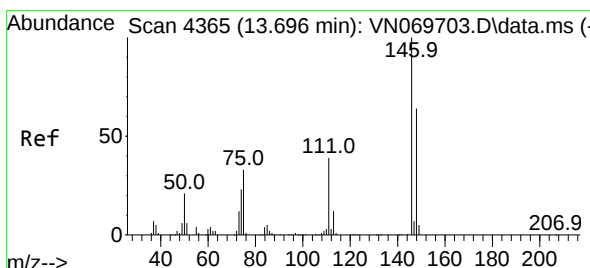
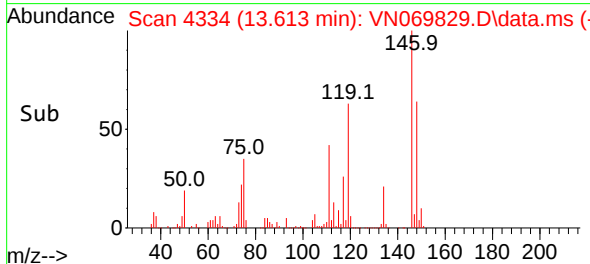
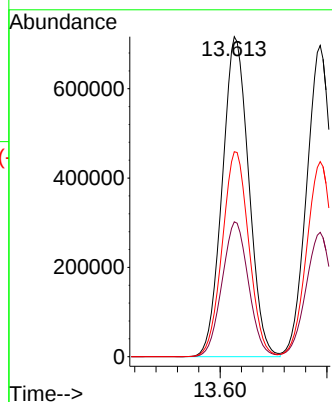
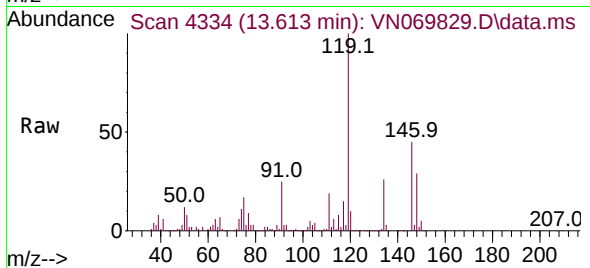
#87
1,3-Dichlorobenzene
Concen: 50.735 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 123571
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.1 31.6 95.0

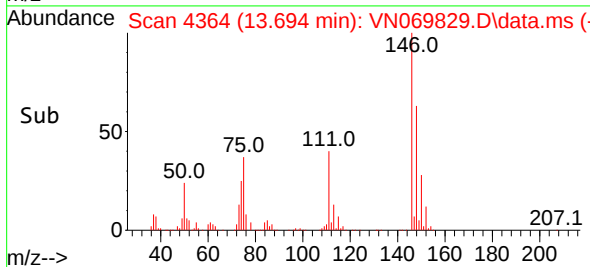
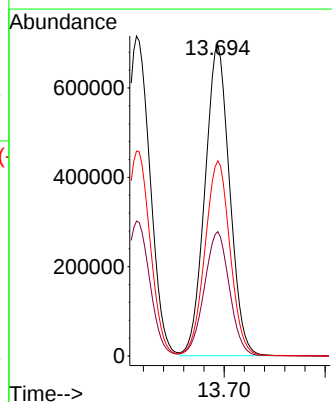
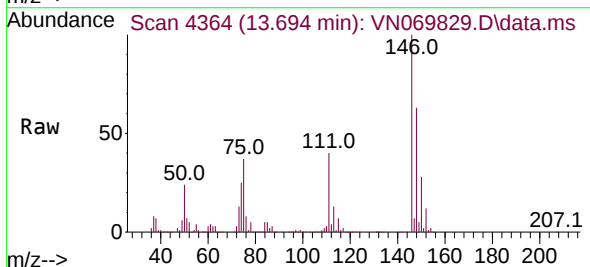
Manual Integrations
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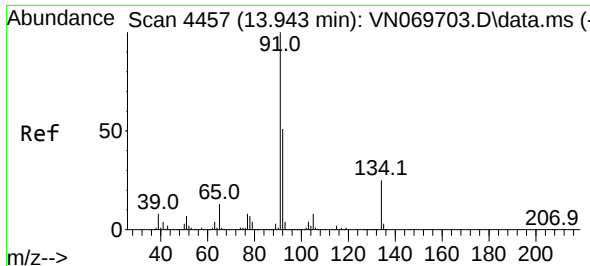
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 49.442 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion:146 Resp: 1183404
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.2 31.8 95.4





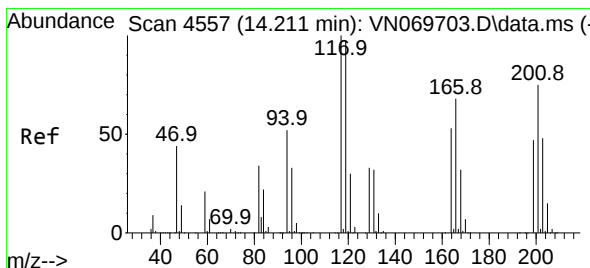
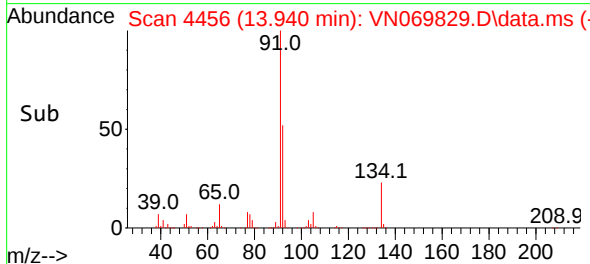
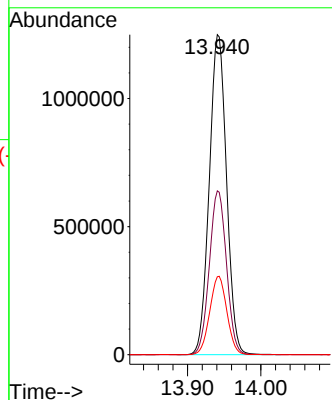
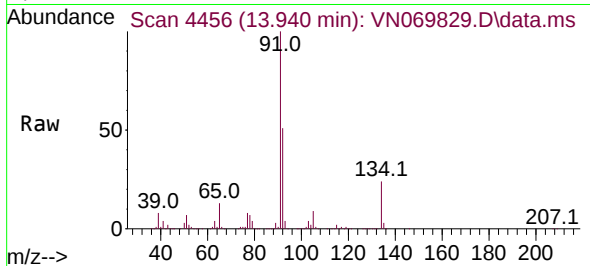
#89
n-Butylbenzene
Concen: 52.648 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 203690
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.4 13.6 40.8

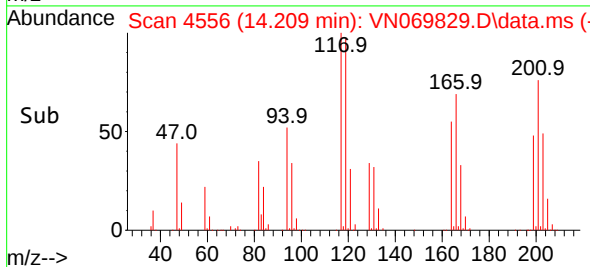
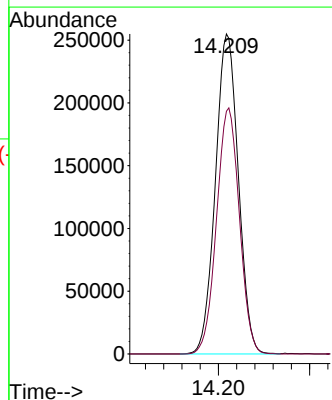
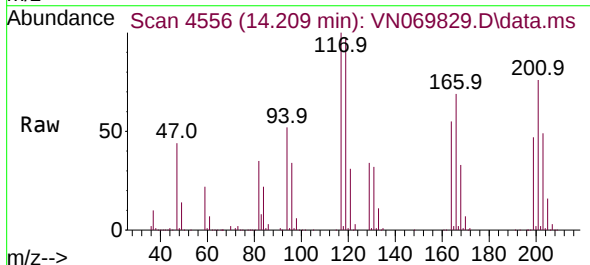
Manual Integrations
APPROVED

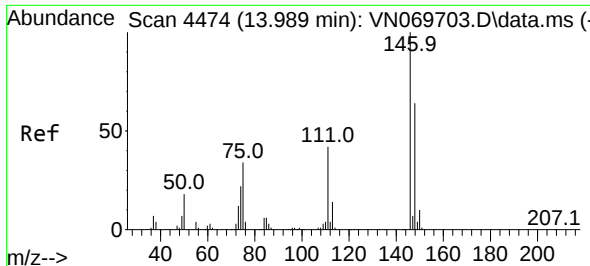
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 53.225 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

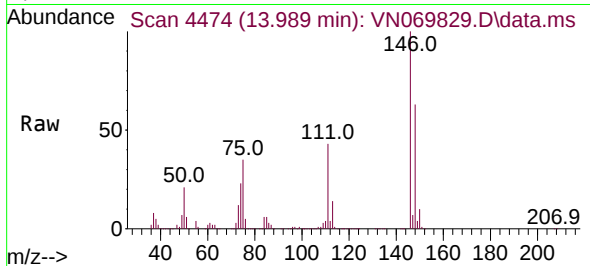
Tgt Ion:117 Resp: 445692
Ion Ratio Lower Upper
117 100
201 76.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.562 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

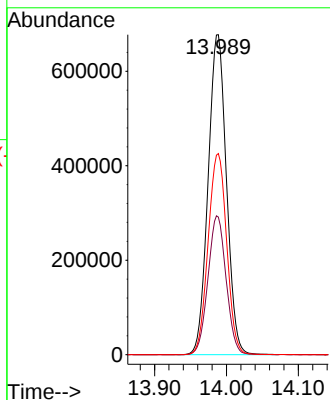
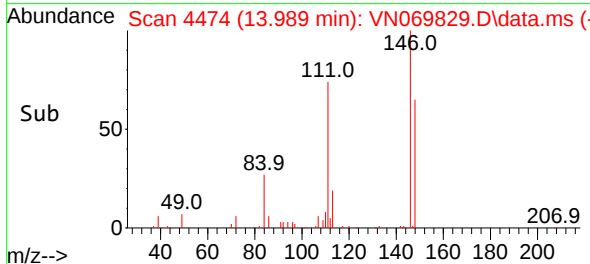
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 119990
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.7 32.1 96.3

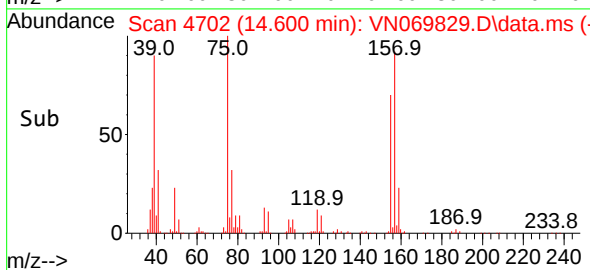
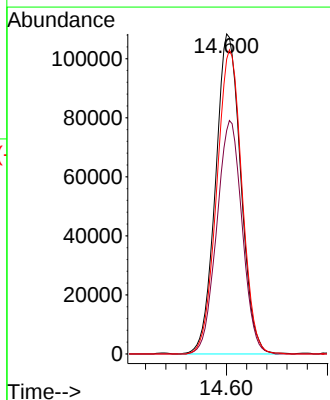
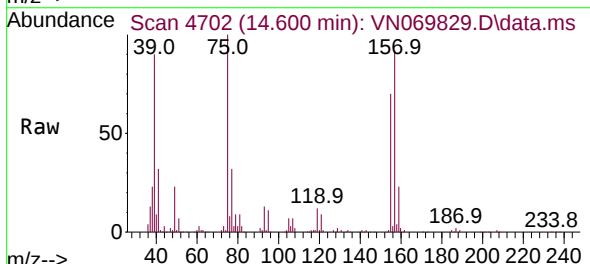
Manual Integrations
APPROVED

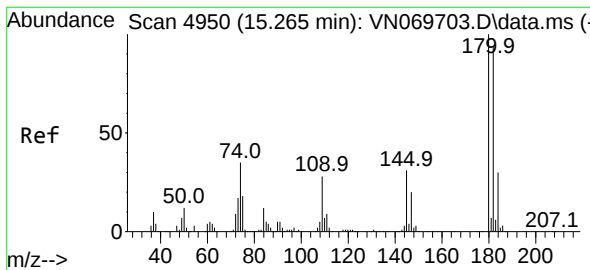
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.642 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

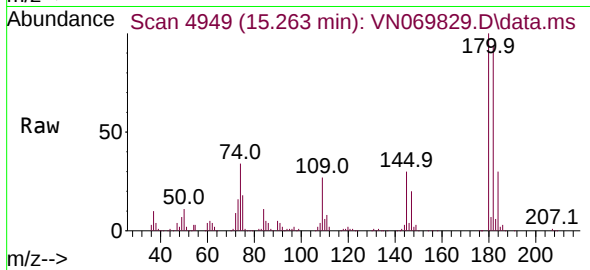
Tgt Ion: 75 Resp: 187900
Ion Ratio Lower Upper
75 100
155 73.2 46.9 140.7
157 94.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.926 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

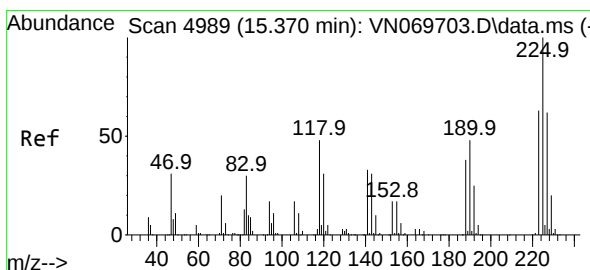
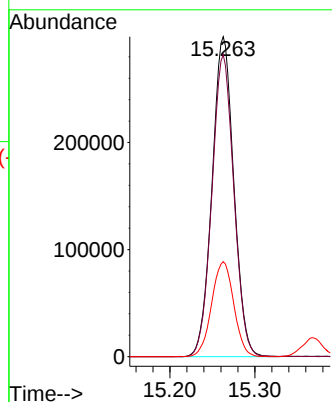
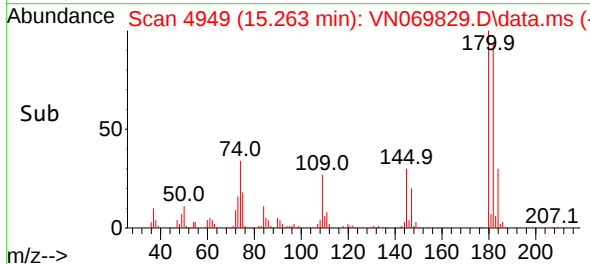
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 531640
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 30.2 14.5 43.5

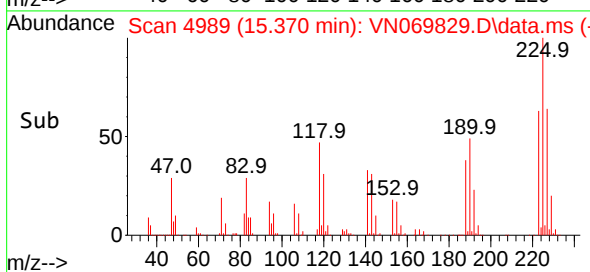
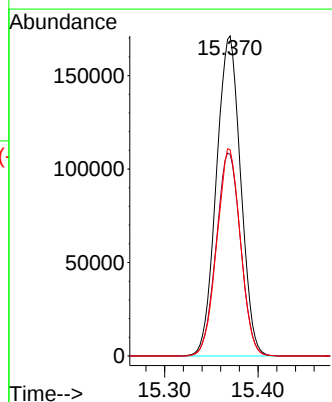
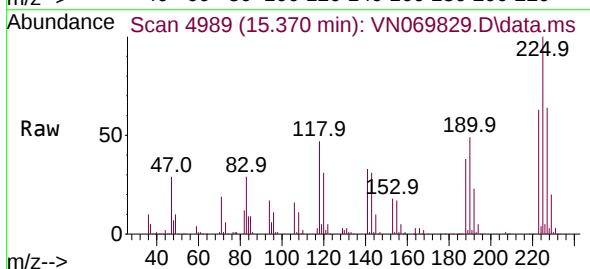
Manual Integrations
APPROVED

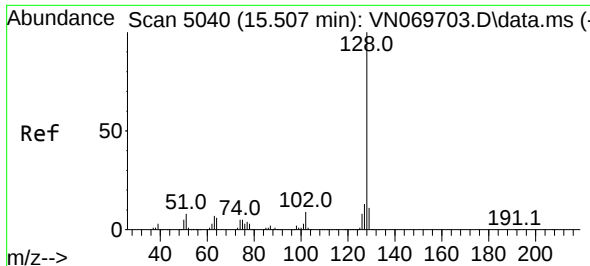
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#94
Hexachlorobutadiene
Concen: 49.131 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion:225 Resp: 309001
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 63.0 32.1 96.3





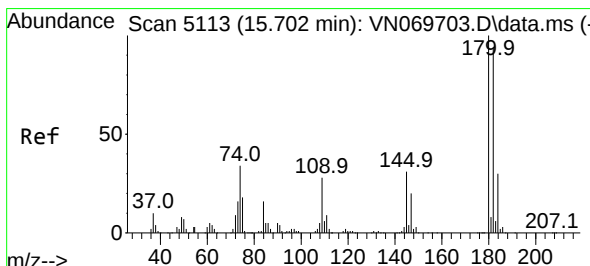
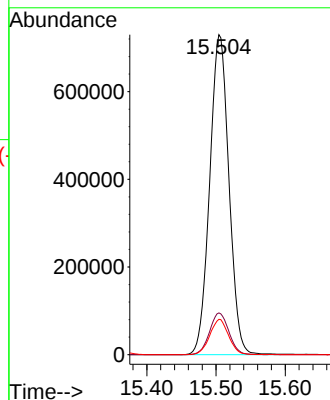
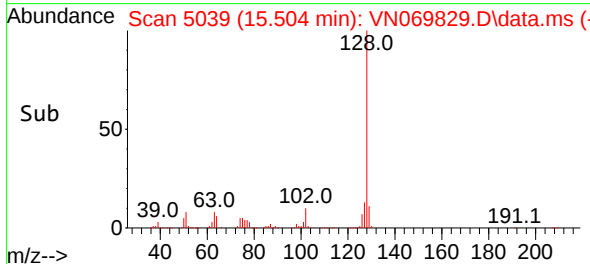
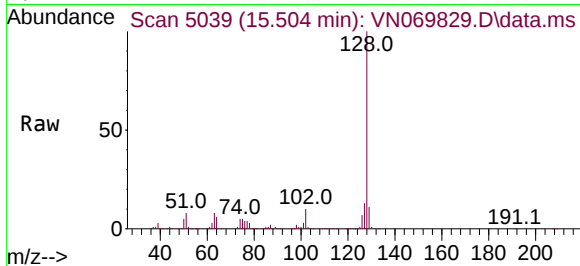
#95
Naphthalene
Concen: 41.395 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1409302
Ion Ratio Lower Upper
128 100
127 13.1 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: 45.505 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069829.D
Acq: 7 Dec 2021 21:46

Tgt Ion:180 Resp: 513576
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 32.6 15.0 45.1

