

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069880.D
 Acq On : 9 Dec 2021 00:07
 Operator : JC/MD
 Sample : VN1208WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:51:14 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	1033665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1712375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1545606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	618018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	890306	55.784	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.560%			
35) Dibromofluoromethane	8.024	113	610262	56.896	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.800%			
50) Toluene-d8	10.440	98	2364909	54.911	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.820%			
62) 4-Bromofluorobenzene	12.731	95	804792	51.580	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	238696	19.799	ug/l	99
3) Chloromethane	2.306	50	290276	19.218	ug/l	97
4) Vinyl Chloride	2.451	62	273860	19.719	ug/l	99
5) Bromomethane	2.861	94	157670	20.897	ug/l	99
6) Chloroethane	3.025	64	166922	19.614	ug/l	98
7) Trichlorofluoromethane	3.381	101	357136	19.593	ug/l	99
8) Diethyl Ether	3.827	74	142737	20.332	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	205513	20.114	ug/l	96
10) Methyl Iodide	4.422	142	262814	18.828	ug/l	98
11) Tert butyl alcohol	5.374	59	230152	76.290	ug/l	99
12) 1,1-Dichloroethene	4.183	96	192911	19.593	ug/l	88
13) Acrolein	4.044	56	257768	100.335	ug/l	99
14) Allyl chloride	4.843	41	432572	19.497	ug/l #	93
15) Acrylonitrile	5.556	53	744692	91.607	ug/l	100
16) Acetone	4.288	43	707000	73.642	ug/l	96
17) Carbon Disulfide	4.532	76	475514	18.694	ug/l	98
18) Methyl Acetate	4.856	43	541733	18.694	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	763031	19.931	ug/l	97
20) Methylene Chloride	5.095	84	247993	19.431	ug/l #	85
21) trans-1,2-Dichloroethene	5.602	96	207477	19.401	ug/l #	85
22) Diisopropyl ether	6.498	45	915198	21.104	ug/l	94
23) Vinyl Acetate	6.433	43	3596893	101.952	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	464391	20.673	ug/l	98
25) 2-Butanone	7.335	43	1083524	83.065	ug/l	90
26) 2,2-Dichloropropane	7.327	77	317793	18.195	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	252934	19.576	ug/l	86
28) Bromochloromethane	7.656	49	237878	20.364	ug/l #	77
29) Tetrahydrofuran	7.686	42	710435	89.692	ug/l	87
30) Chloroform	7.817	83	465942	20.538	ug/l	99
31) Cyclohexane	8.096	56	442194	19.909	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	387960	20.076	ug/l	95
36) 1,1-Dichloropropene	8.222	75	327736	20.105	ug/l	95
37) Ethyl Acetate	7.415	43	434693	17.916	ug/l	95
38) Carbon Tetrachloride	8.206	117	318804	19.943	ug/l	99
39) Methylcyclohexane	9.459	83	379419	19.568	ug/l	90
40) Benzene	8.461	78	1015340	20.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	225401	19.790	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	408786	20.323	ug/l	96
43) Isopropyl Acetate	8.560	43	697251	19.420	ug/l #	93
44) Trichloroethene	9.217	130	238052	20.017	ug/l	90
45) 1,2-Dichloropropane	9.491	63	275797	20.612	ug/l	99
46) Dibromomethane	9.577	93	177928	20.276	ug/l	92
47) Bromodichloromethane	9.762	83	345871	20.817	ug/l	99
48) Methyl methacrylate	9.561	41	319623	19.075	ug/l	87
49) 1,4-Dioxane	9.569	88	92026	306.091	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2207641	94.780	ug/l	94
52) Toluene	10.505	92	613618	20.171	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	343368	19.014	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	380016	19.392	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	245177	19.976	ug/l	97
56) Ethyl methacrylate	10.762	69	391333	18.407	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	435174	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	435307	82.874	ug/l	91
59) 2-Hexanone	11.084	43	1510192	85.710	ug/l	91
60) Dibromochloromethane	11.237	129	232754	19.234	ug/l	100
61) 1,2-Dibromoethane	11.344	107	248773	19.569	ug/l	99
64) Tetrachloroethene	10.977	164	210110	20.048	ug/l	92
65) Chlorobenzene	11.771	112	637027	20.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	233648	21.171	ug/l	99
67) Ethyl Benzene	11.843	91	1177841	20.679	ug/l	96
68) m/p-Xylenes	11.953	106	844801	40.736	ug/l	90
69) o-Xylene	12.280	106	424460	20.319	ug/l	92
70) Styrene	12.294	104	672720	20.309	ug/l	95
71) Bromoform	12.457	173	160190	18.775	ug/l #	99
73) Isopropylbenzene	12.578	105	1115640	20.289	ug/l	98
74) N-amyl acetate	12.387	43	440892	18.131	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	377664	19.862	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	358844m	20.247	ug/l	
77) Bromobenzene	12.859	156	255827	19.808	ug/l	81
78) n-propylbenzene	12.921	91	1226067	20.038	ug/l	96
79) 2-Chlorotoluene	13.007	91	772209	19.973	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	910513	20.573	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	83614	18.247	ug/l	87
82) 4-Chlorotoluene	13.103	91	726687	19.986	ug/l	92
83) tert-Butylbenzene	13.323	119	790000	20.159	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	868232	20.599	ug/l	98
85) sec-Butylbenzene	13.500	105	1045409	19.667	ug/l	97
86) p-Isopropyltoluene	13.616	119	821597	19.774	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	417208	19.663	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	399279	19.149	ug/l	96
89) n-Butylbenzene	13.943	91	610604	18.116	ug/l	98
90) Hexachloroethane	14.211	117	143368	19.653	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	407446	19.708	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61044	17.767	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	156524	17.426	ug/l	97
94) Hexachlorobutadiene	15.370	225	108245	19.756	ug/l	100
95) Naphthalene	15.507	128	380684	15.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	153423	17.205	ug/l	99

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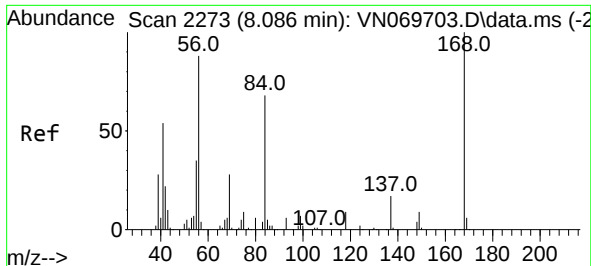
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



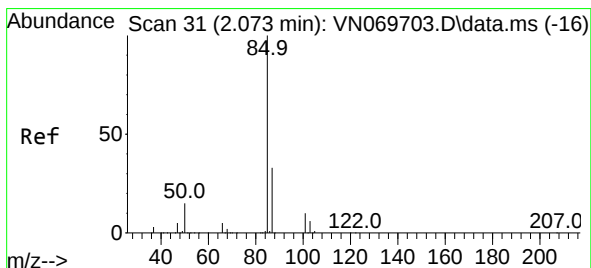
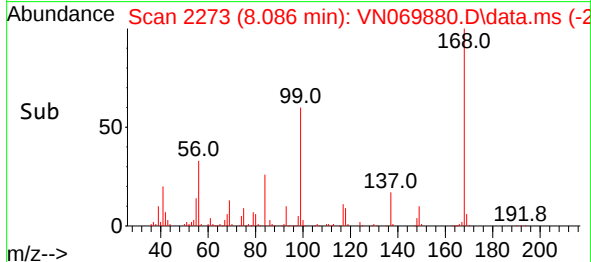
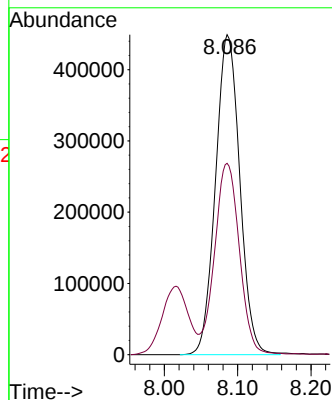
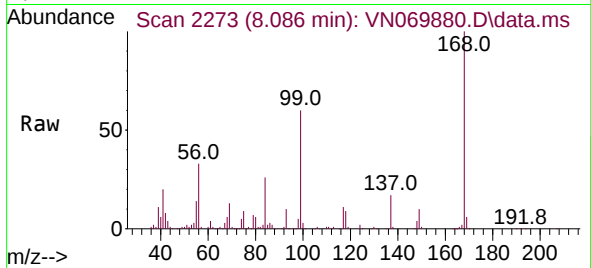
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069880.D
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Tgt Ion:168 Resp: 103366
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

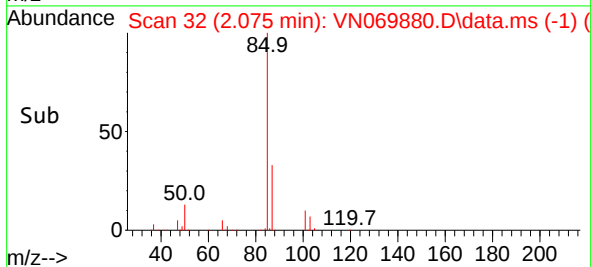
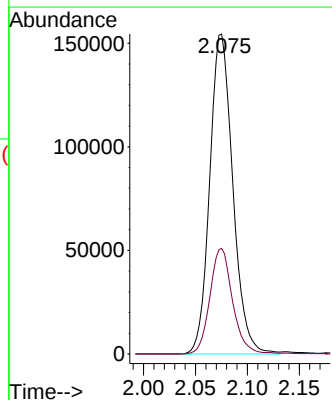
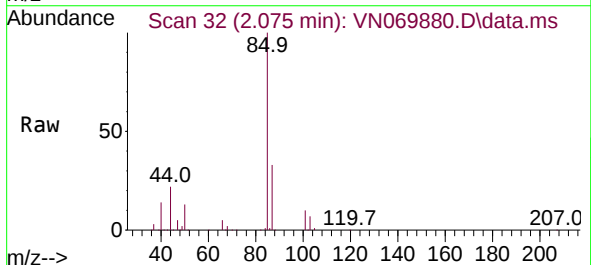
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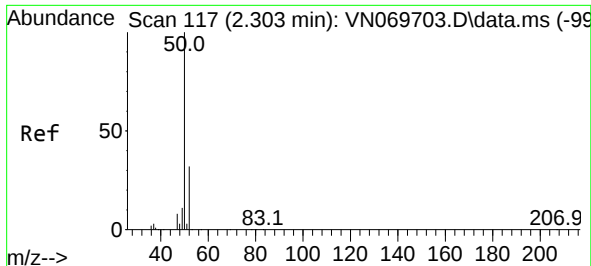
Reviewed By :John Carlone 12/10/2021
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#2
Dichlorodifluoromethane
Concen: 19.799 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

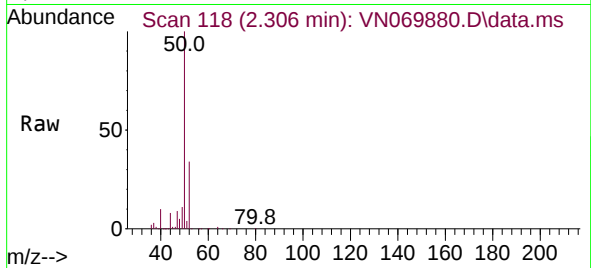
Tgt Ion: 85 Resp: 238696
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9





#3
Chloromethane
Concen: 19.218 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

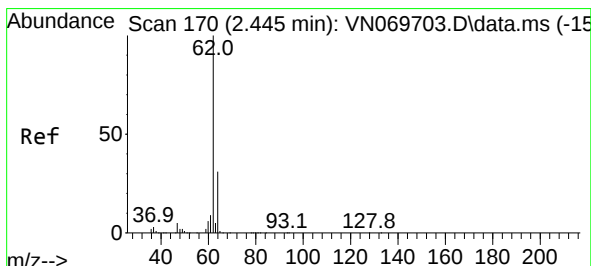
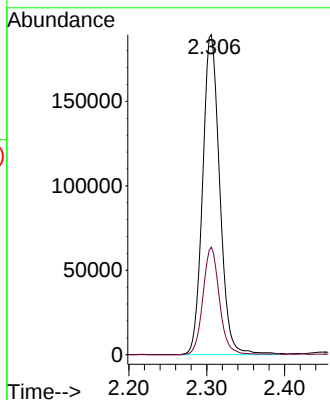
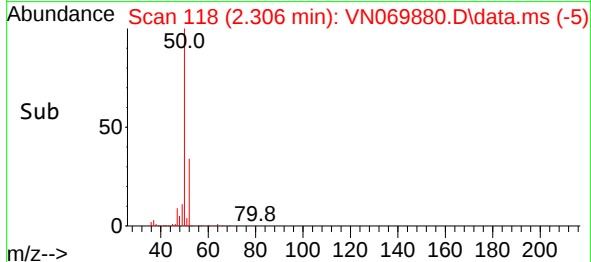
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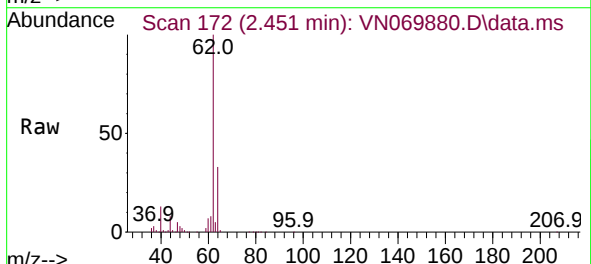
Tgt Ion: 50 Resp: 290270
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0

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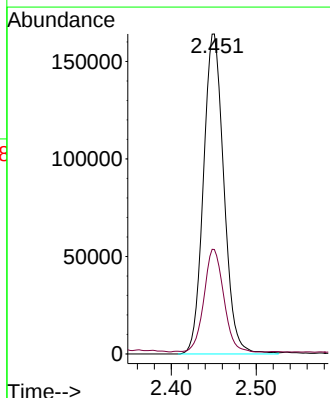
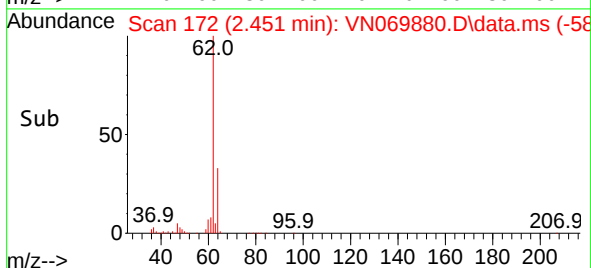
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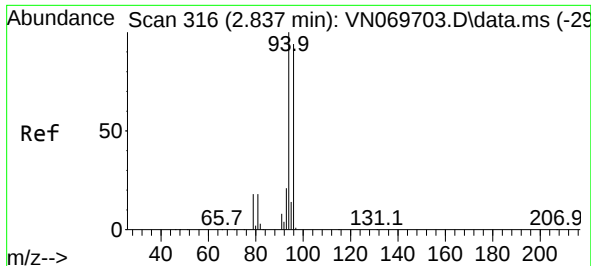


#4
Vinyl Chloride
Concen: 19.719 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



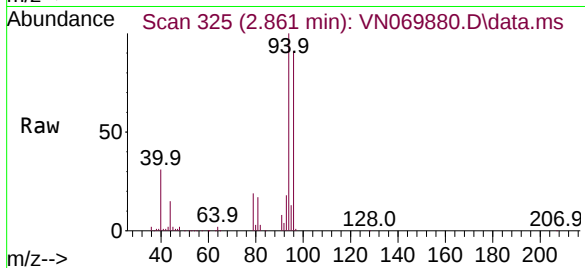
Tgt Ion: 62 Resp: 273860
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 20.897 ug/l
RT: 2.861 min Scan# 316
Delta R.T. 0.024 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

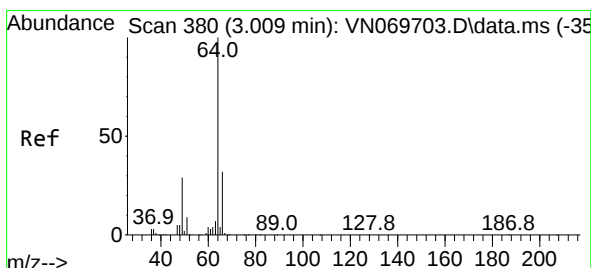
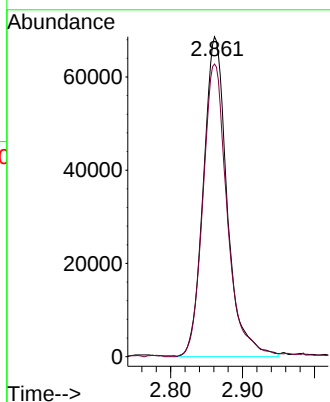
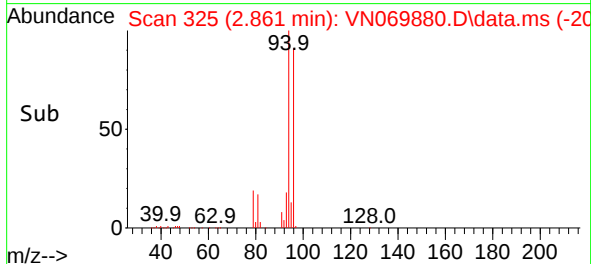
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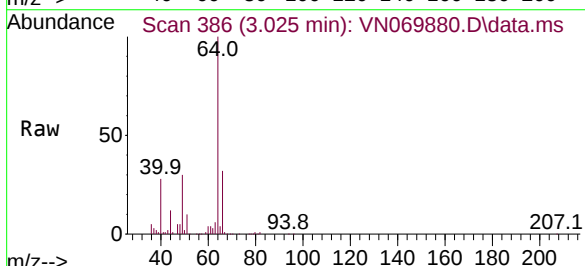
Tgt Ion: 94 Resp: 157670
Ion Ratio Lower Upper
94 100
96 91.2 73.8 110.8

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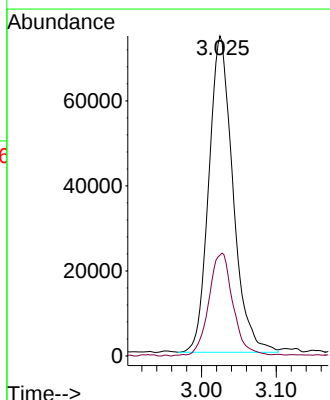
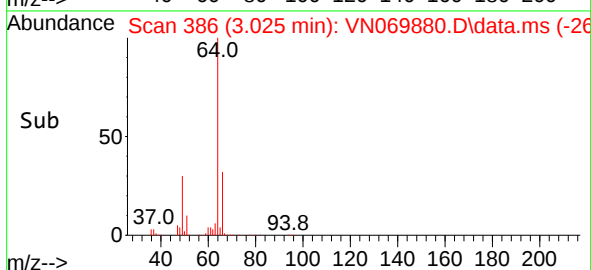
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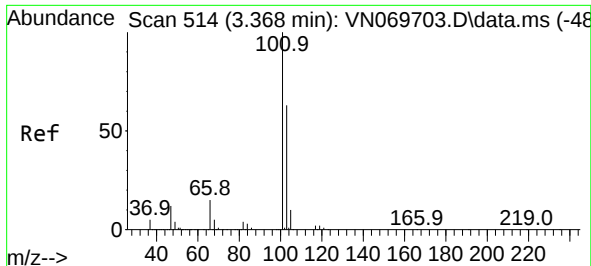


#6
Chloroethane
Concen: 19.614 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN069880.D
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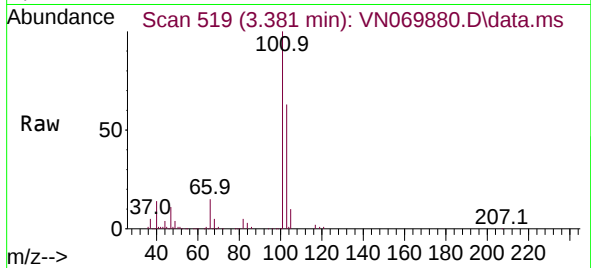
Tgt Ion: 64 Resp: 166922
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.593 ug/l
RT: 3.381 min Scan# 514
Delta R.T. 0.013 min
Lab File: VN069880.D
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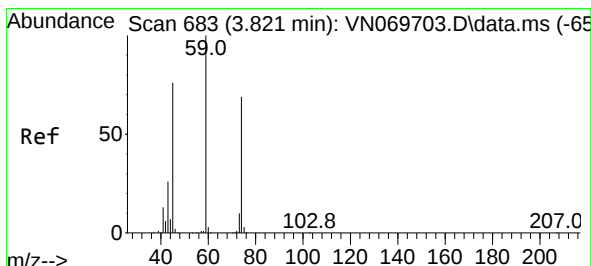
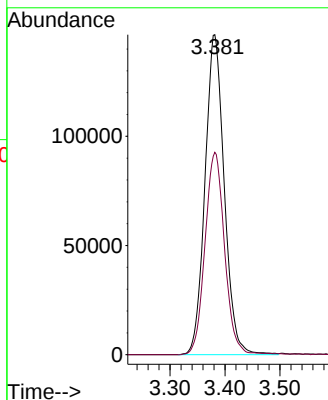
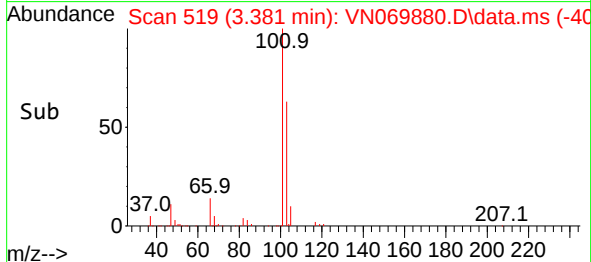
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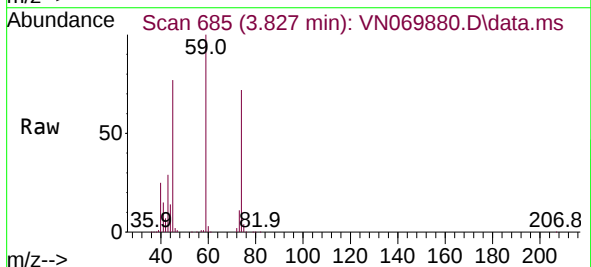
Tgt Ion:101 Resp: 357130
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

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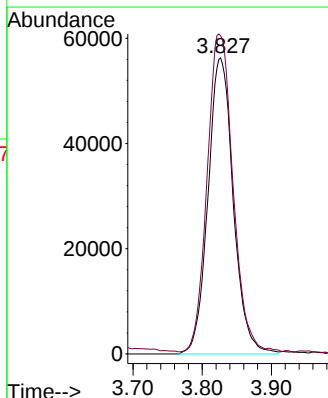
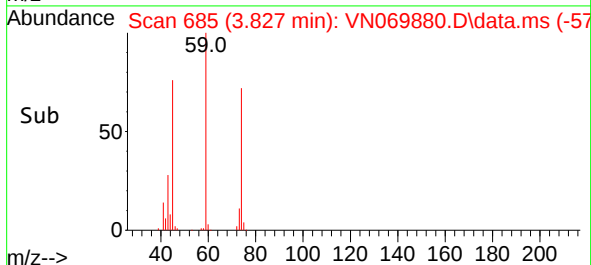
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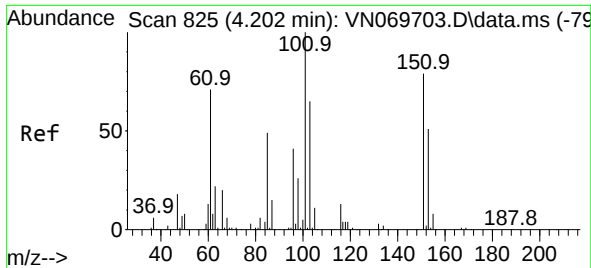


#8
Diethyl Ether
Concen: 20.332 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.005 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



Tgt Ion: 74 Resp: 142737
Ion Ratio Lower Upper
74 100
45 109.2 47.0 141.2





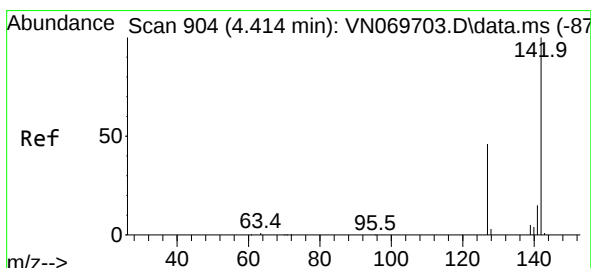
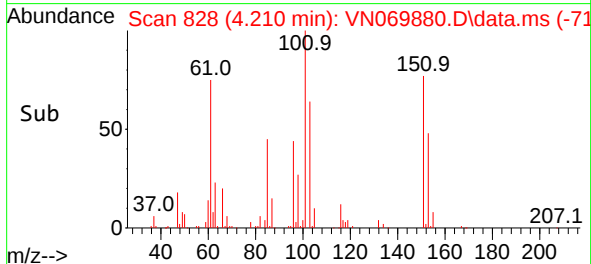
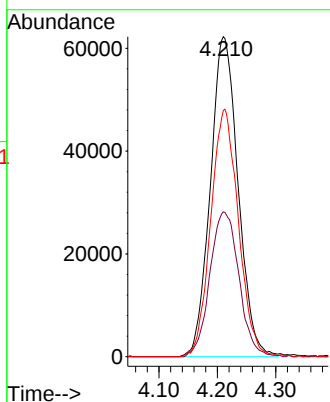
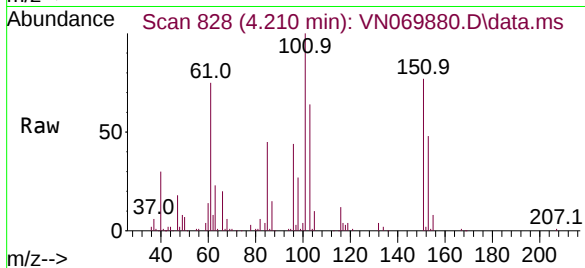
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.114 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion:101 Resp: 20551
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 77.0 65.9 98.9

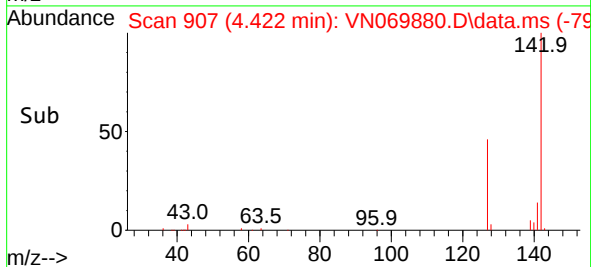
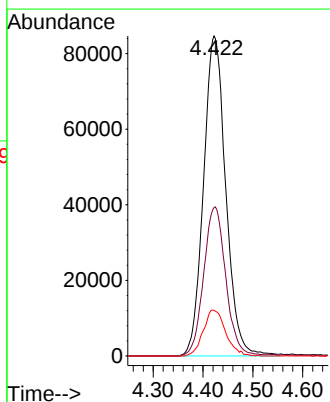
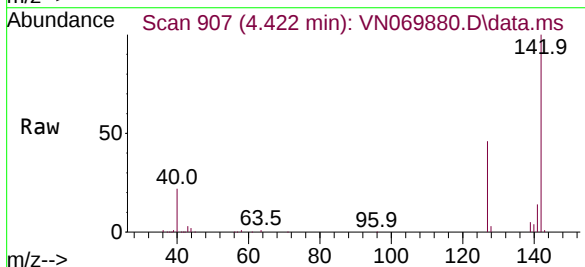
Manual Integrations
APPROVED

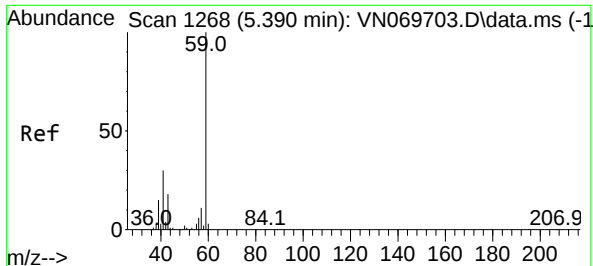
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 18.828 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

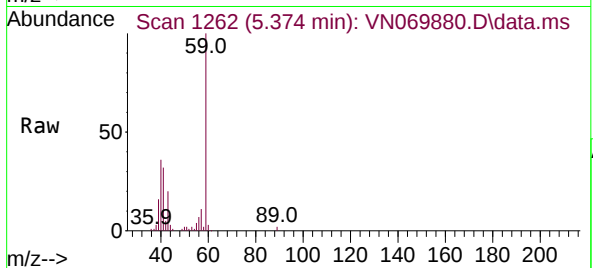
Tgt Ion:142 Resp: 262814
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 76.290 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

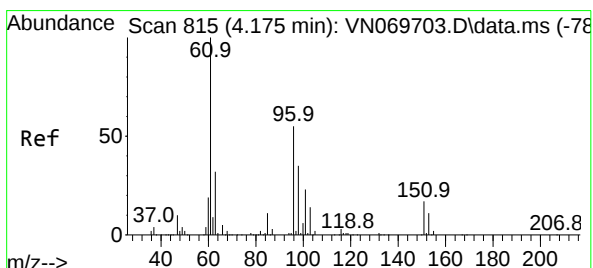
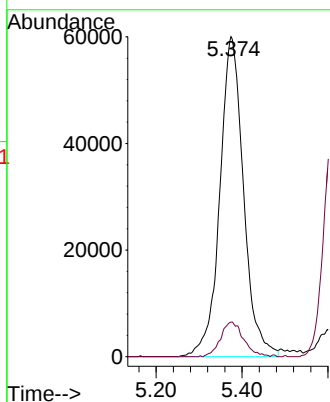
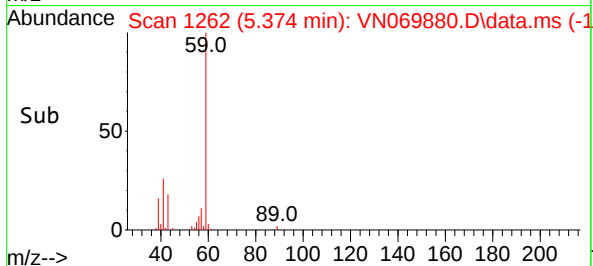
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



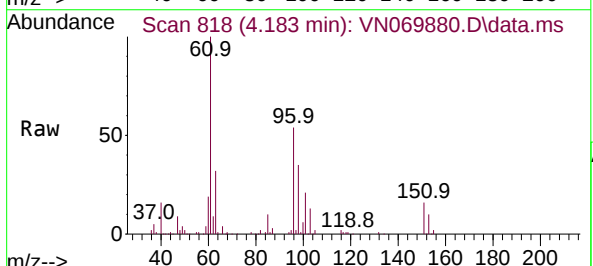
Tgt Ion: 59 Resp: 230152
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

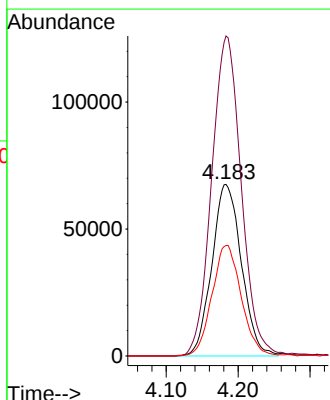
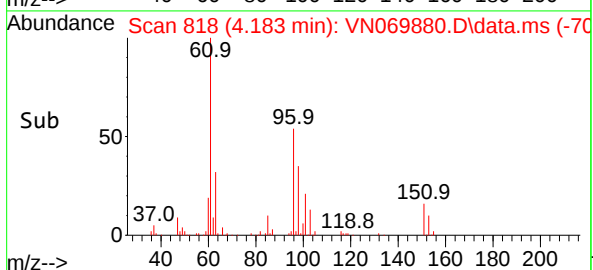
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

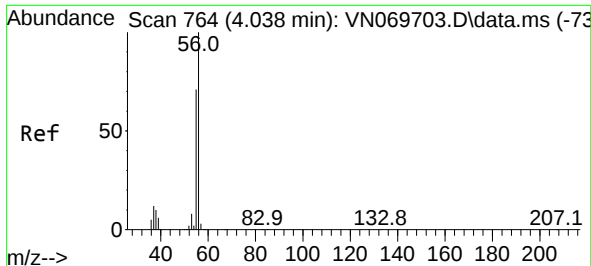


#12
1,1-Dichloroethene
Concen: 19.593 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



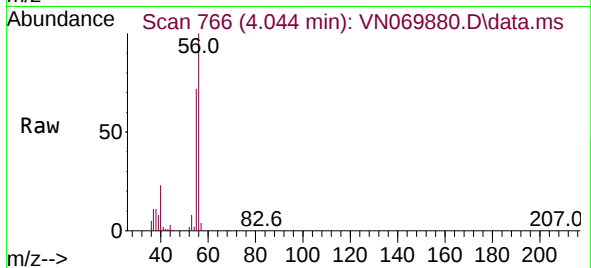
Tgt Ion: 96 Resp: 192911
Ion Ratio Lower Upper
96 100
61 186.2 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 100.335 ug/l
RT: 4.044 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

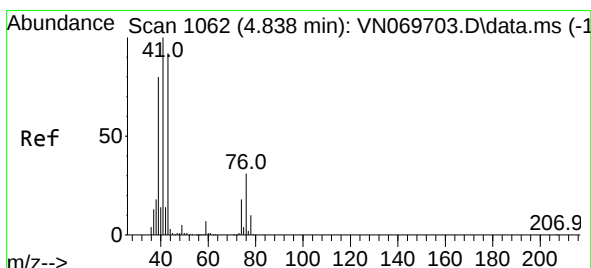
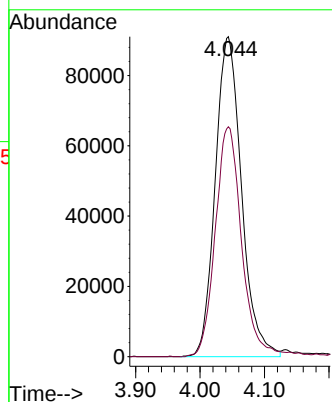
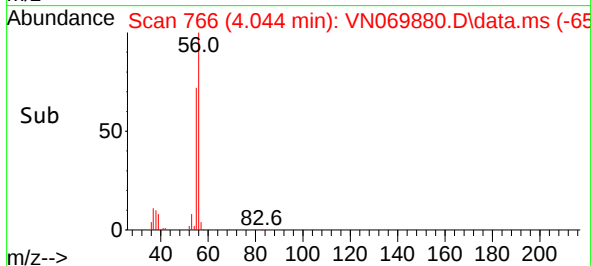
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



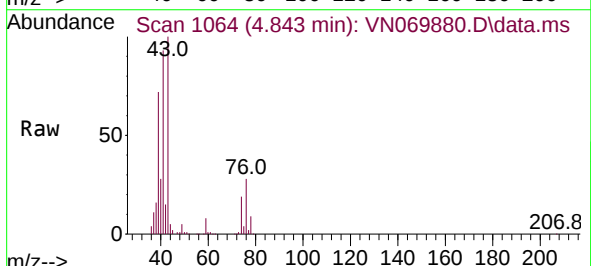
Tgt Ion: 56 Resp: 257768
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0

Manual Integrations
APPROVED

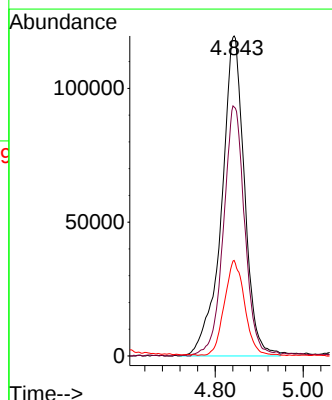
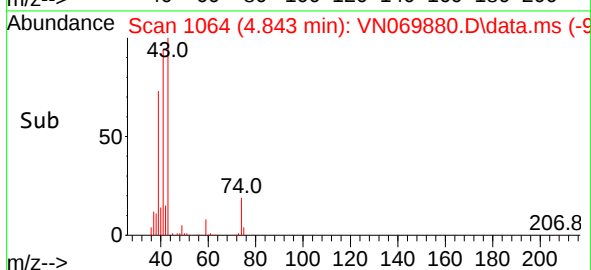
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

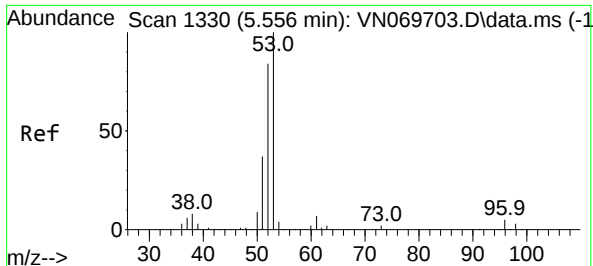


#14
Allyl chloride
Concen: 19.497 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



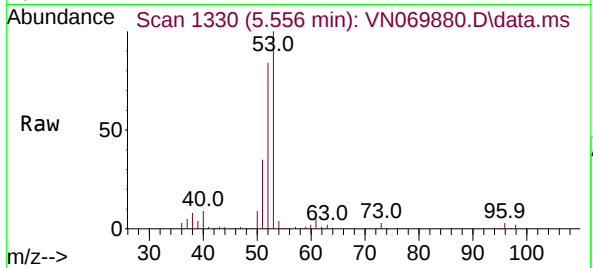
Tgt Ion: 41 Resp: 432572
Ion Ratio Lower Upper
41 100
39 72.3 61.2 91.8
76 25.8 26.0 39.0#





#15
Acrylonitrile
Concen: 91.607 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

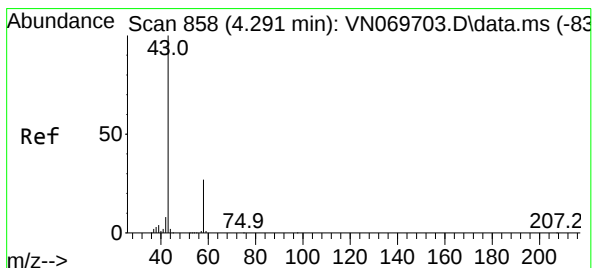
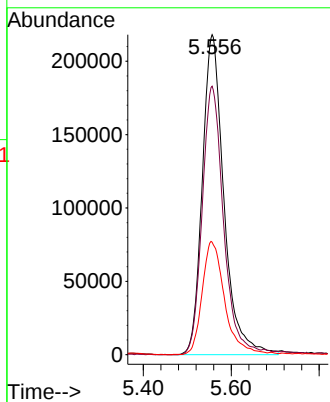
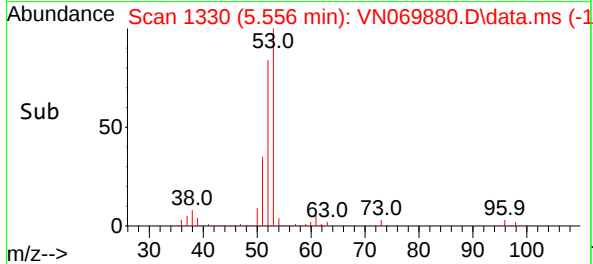
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 53 Resp: 744692
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 36.6 29.6 44.4

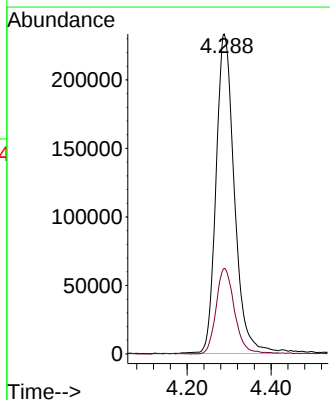
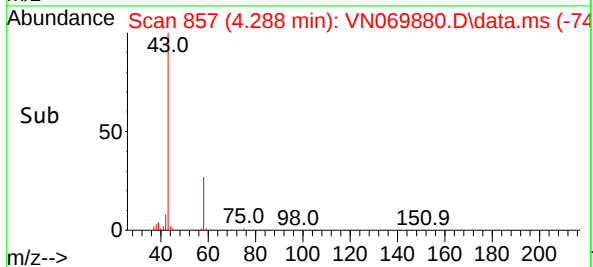
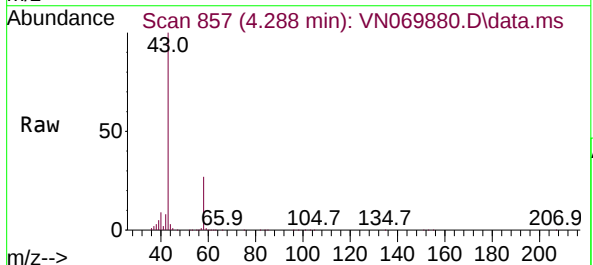
Manual Integrations
APPROVED

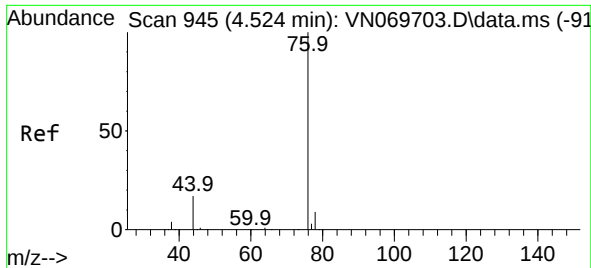
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 73.642 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 43 Resp: 707000
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





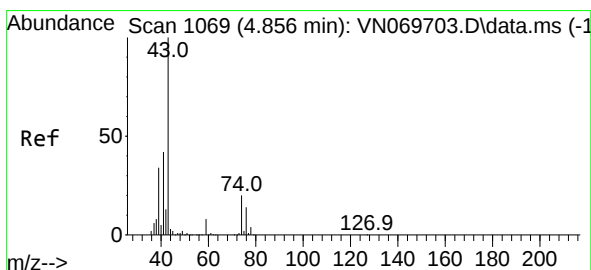
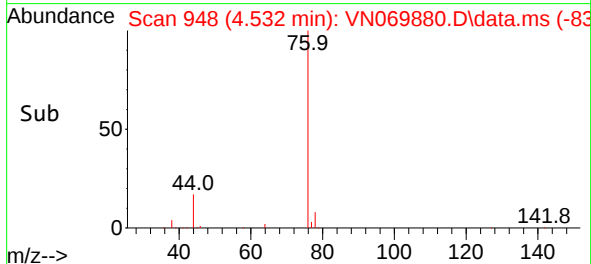
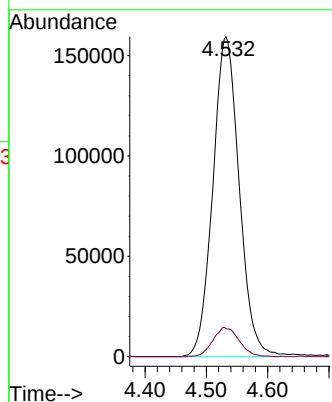
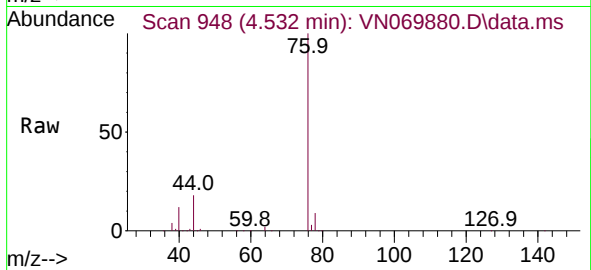
#17
Carbon Disulfide
Concen: 18.694 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 76 Resp: 475514
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

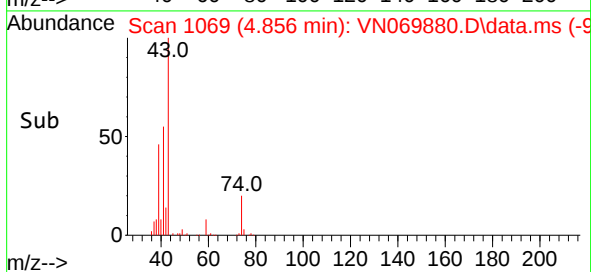
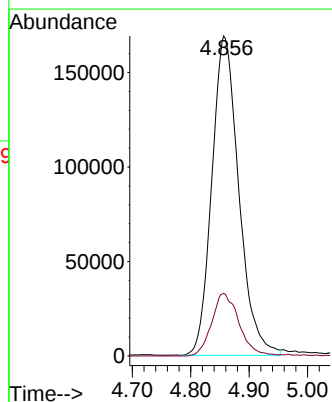
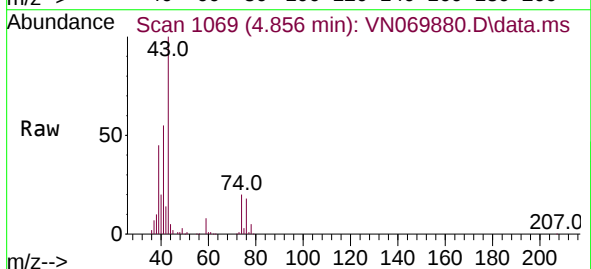
Manual Integrations
APPROVED

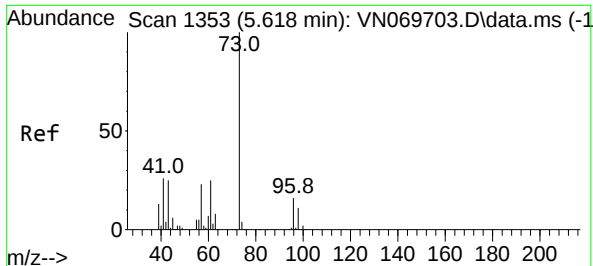
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 18.694 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

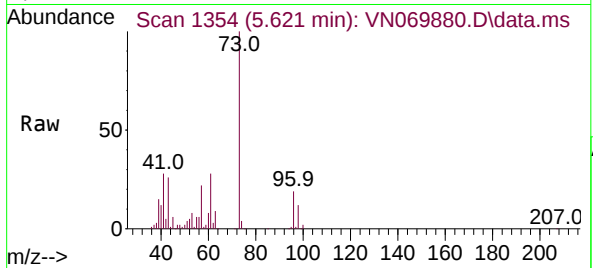
Tgt Ion: 43 Resp: 541733
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.931 ug/l
RT: 5.621 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

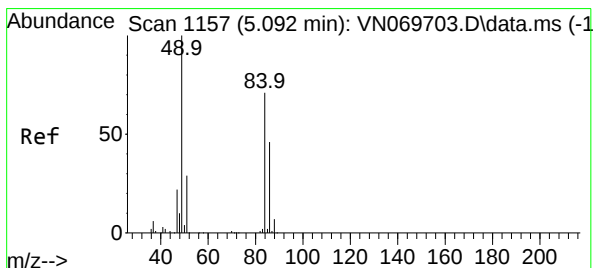
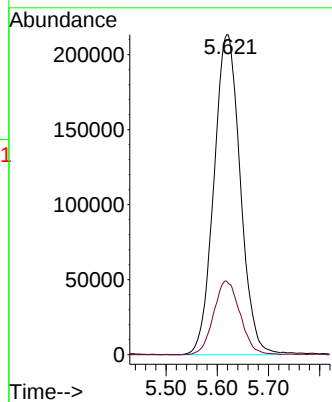
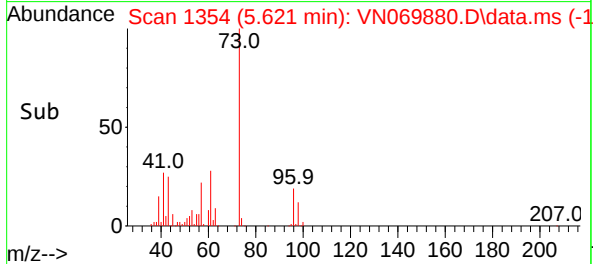
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 73 Resp: 76303
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

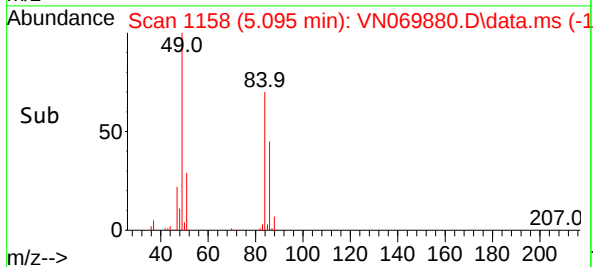
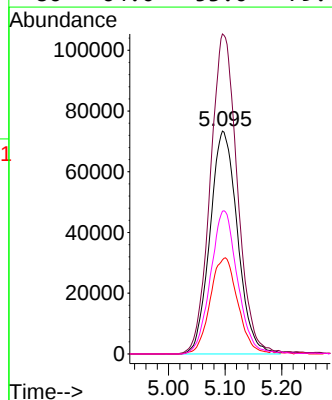
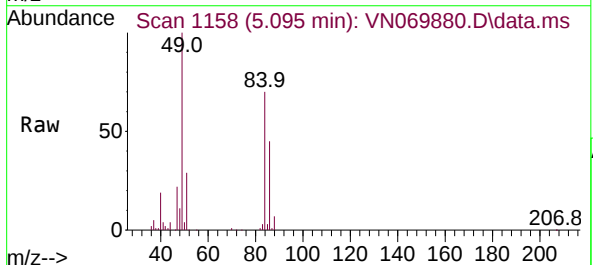
Manual Integrations
APPROVED

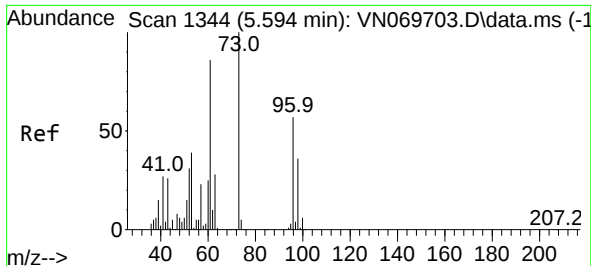
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 19.431 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

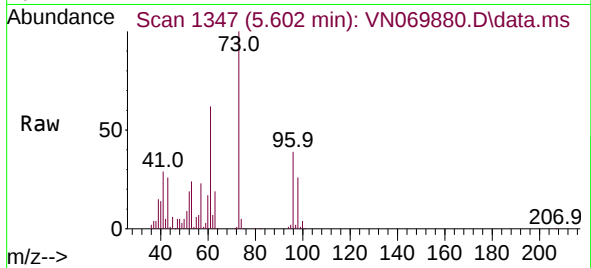
Tgt Ion: 84 Resp: 247993
Ion Ratio Lower Upper
84 100
49 143.3 93.5 140.3#
51 42.2 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.401 ug/l
RT: 5.602 min Scan# 1344
Delta R.T. 0.008 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

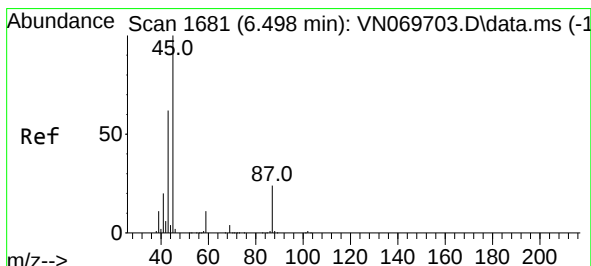
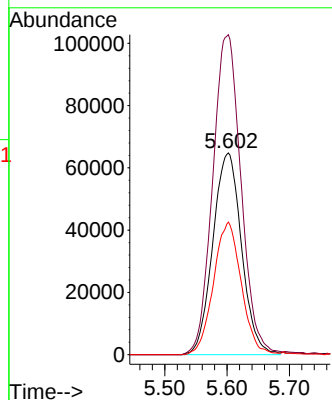
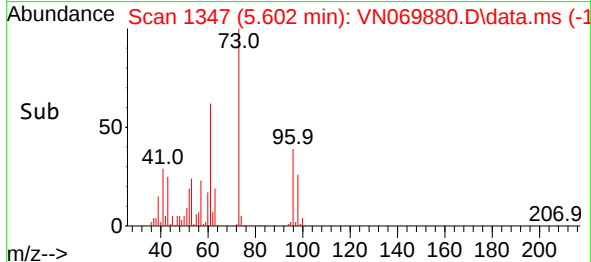
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 96 Resp: 20747
Ion Ratio Lower Upper
96 100
61 158.6 105.8 158.6
98 65.8 52.0 78.0

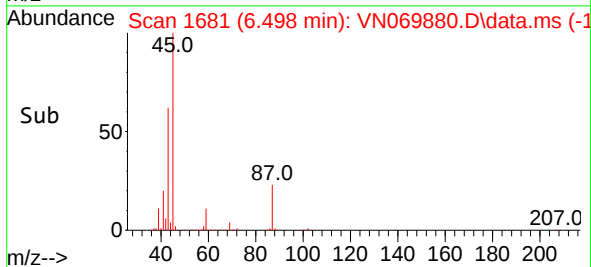
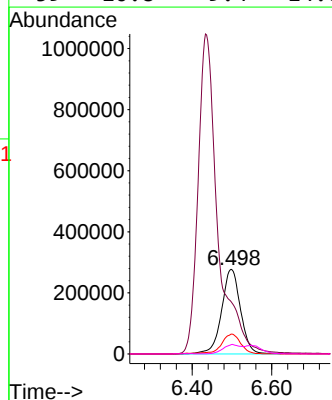
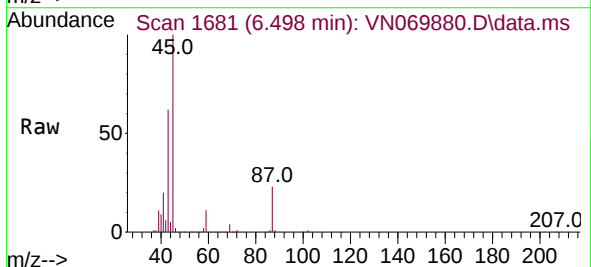
Manual Integrations
APPROVED

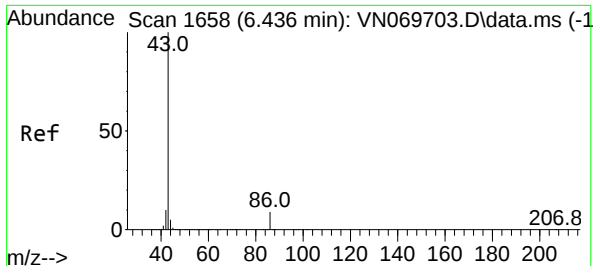
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 21.104 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

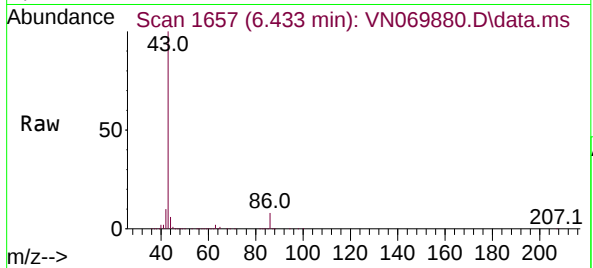
Tgt Ion: 45 Resp: 915198
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 23.3 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 101.952 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069880.D
 Acq: 9 Dec 2021 00:07

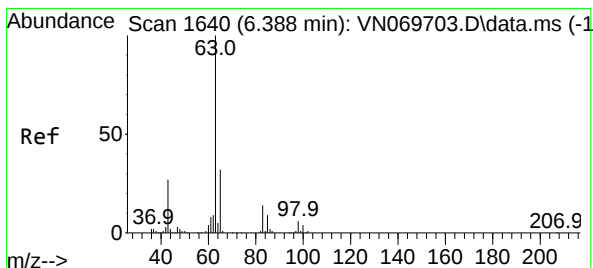
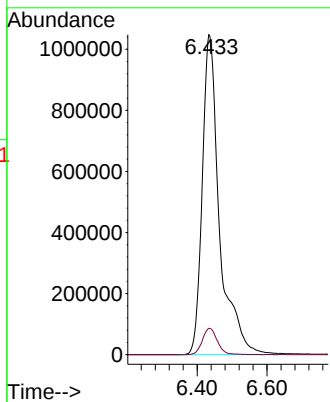
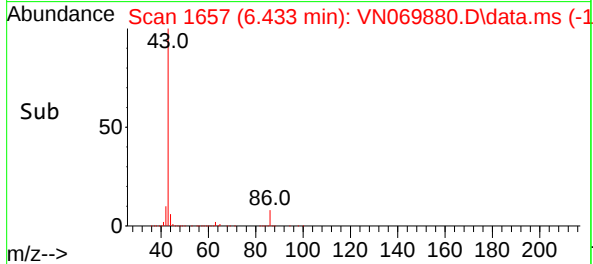
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02



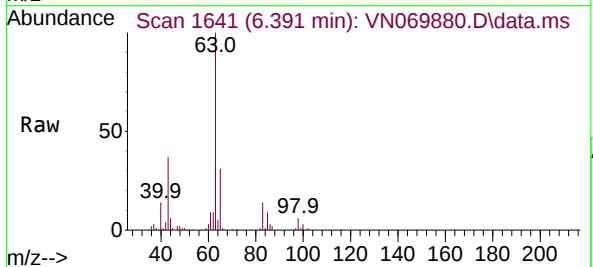
Tgt Ion: 43 Resp: 359689
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
 APPROVED

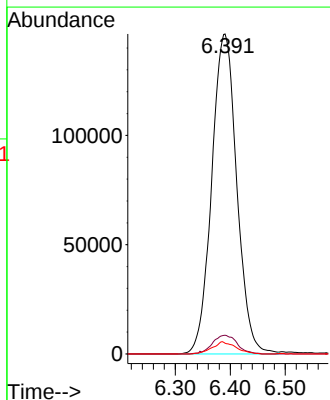
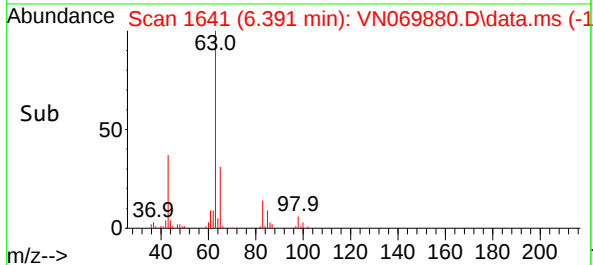
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

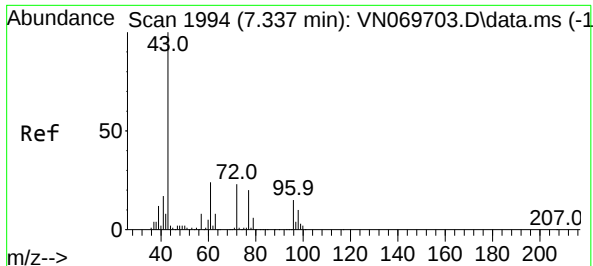


#24
 1,1-Dichloroethane
 Concen: 20.673 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.003 min
 Lab File: VN069880.D
 Acq: 9 Dec 2021 00:07



Tgt Ion: 63 Resp: 464391
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.4 2.1 6.5





#25

2-Butanone

Concen: 83.065 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069880.D

Acq: 9 Dec 2021 00:07

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tgt Ion: 43 Resp: 1083524

Ion Ratio Lower Upper

43 100

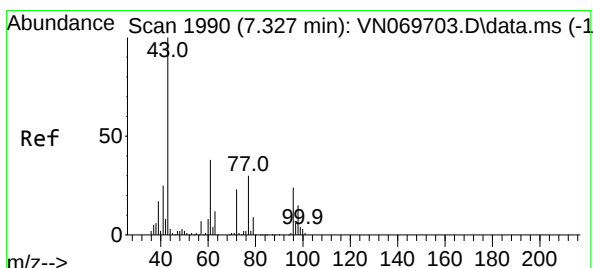
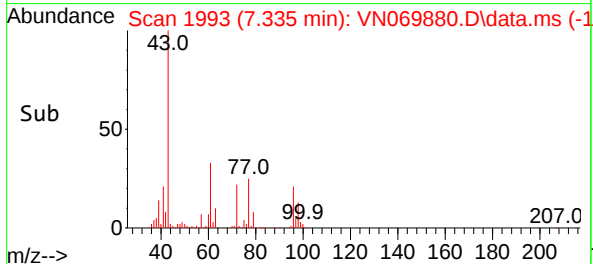
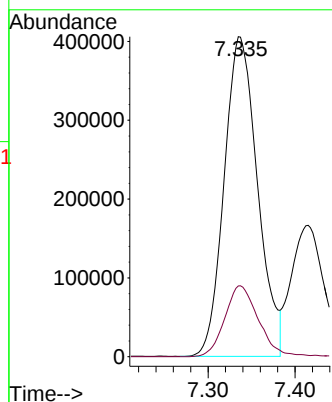
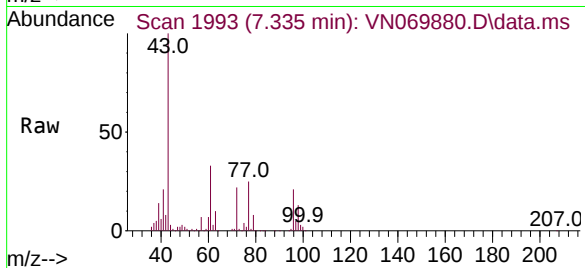
72 22.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 18.195 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069880.D

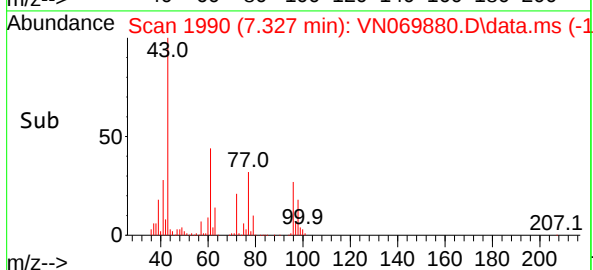
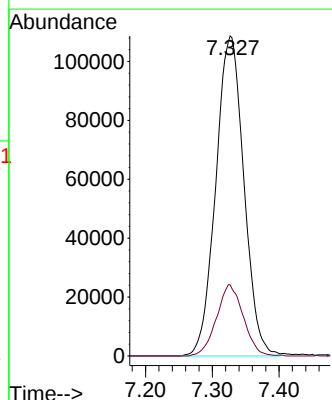
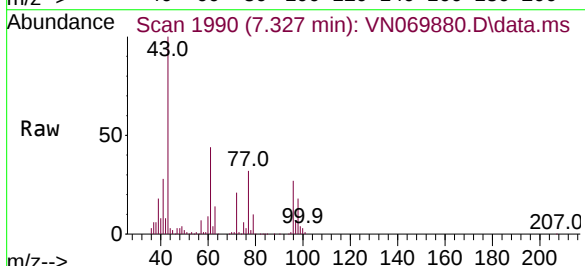
Acq: 9 Dec 2021 00:07

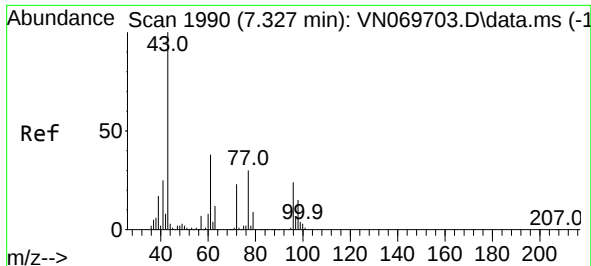
Tgt Ion: 77 Resp: 317793

Ion Ratio Lower Upper

77 100

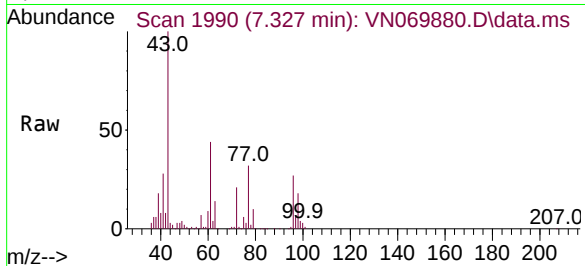
97 21.2 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.576 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069880.D
 Acq: 9 Dec 2021 00:07

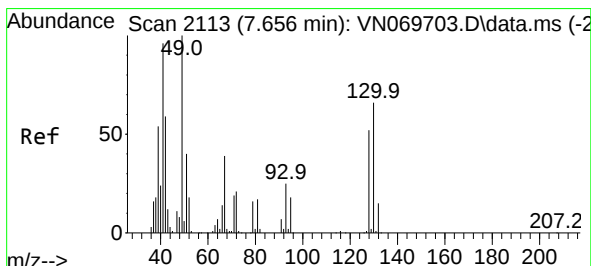
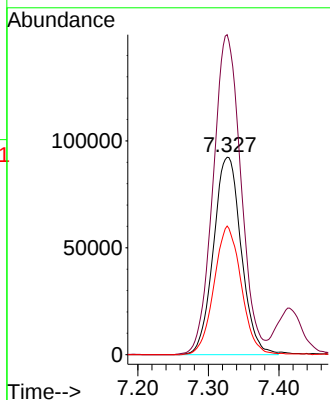
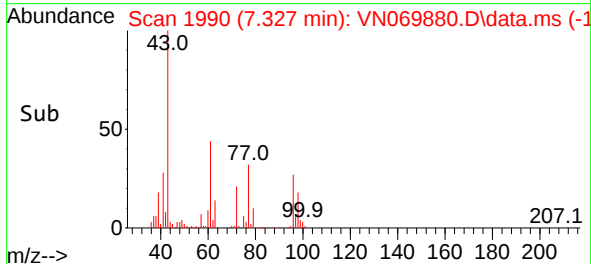
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02



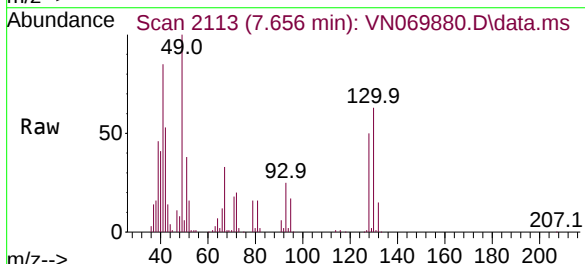
Tgt Ion: 96 Resp: 252934
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 275.0
 98 64.0 0.0 129.6

Manual Integrations
 APPROVED

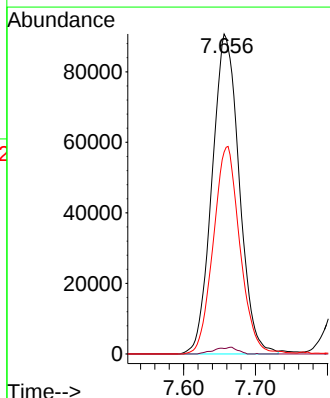
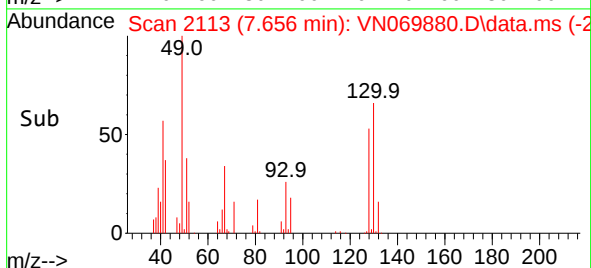
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

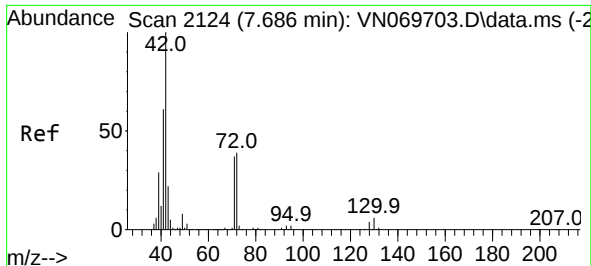


#28
 Bromochloromethane
 Concen: 20.364 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069880.D
 Acq: 9 Dec 2021 00:07



Tgt Ion: 49 Resp: 237878
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 63.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 89.692 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069880.D

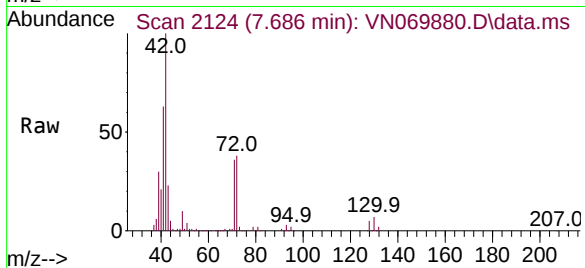
Acq: 9 Dec 2021 00:07

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02



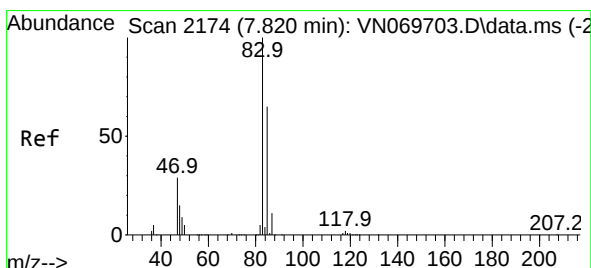
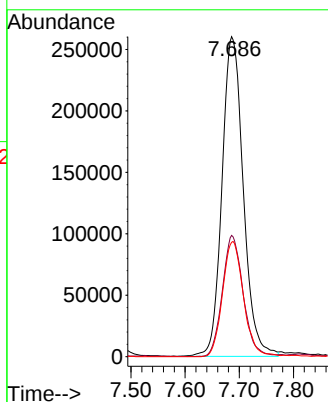
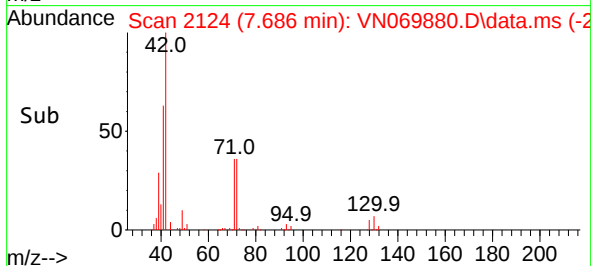
Tgt Ion:	42	Resp:	71043
Ion Ratio	100	Lower	Upper
42	100		
72	36.8	36.3	54.5
71	35.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 20.538 ug/l

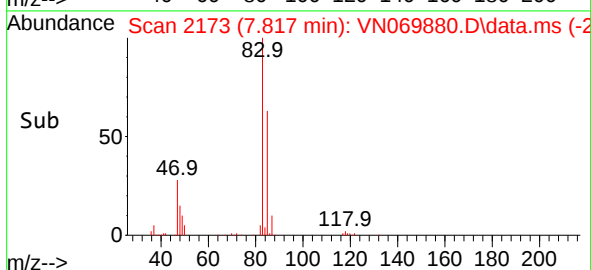
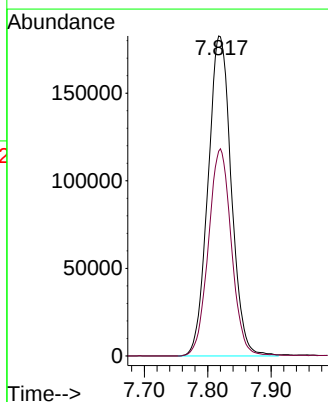
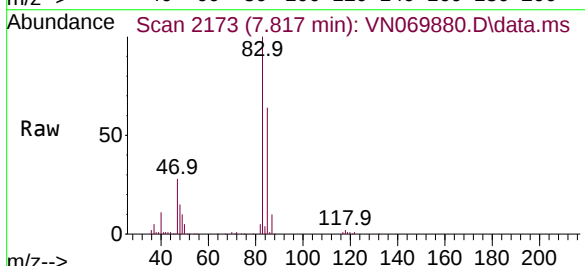
RT: 7.817 min Scan# 2173

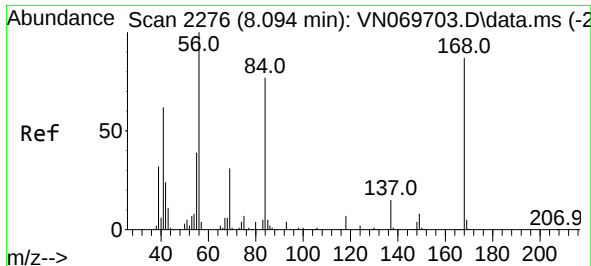
Delta R.T. -0.003 min

Lab File: VN069880.D

Acq: 9 Dec 2021 00:07

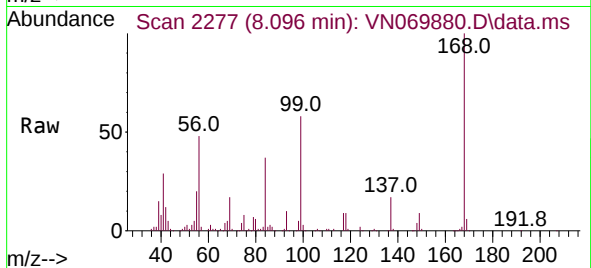
Tgt Ion:	83	Resp:	465942
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 19.909 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

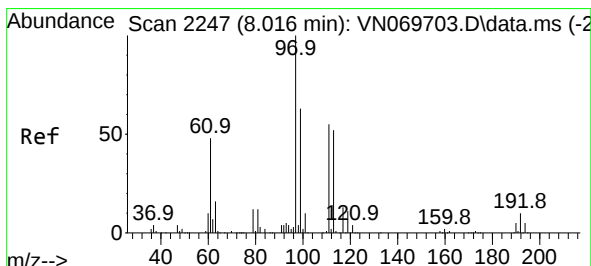
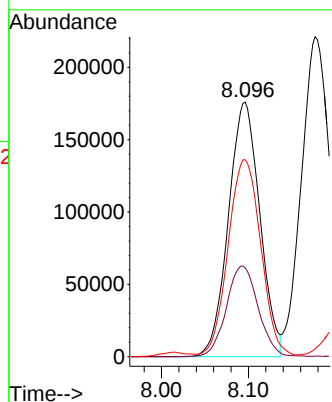
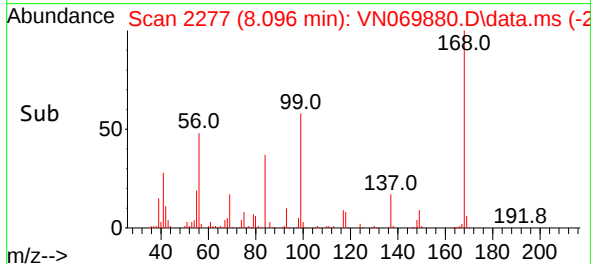
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 56 Resp: 442194
Ion Ratio Lower Upper
56 100
69 34.8 27.1 40.7
84 75.9 73.4 110.0

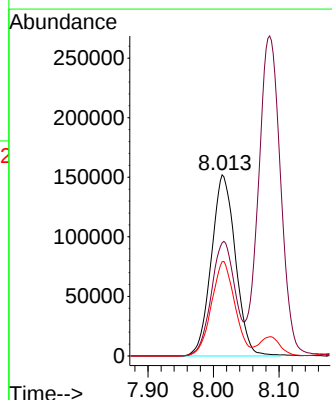
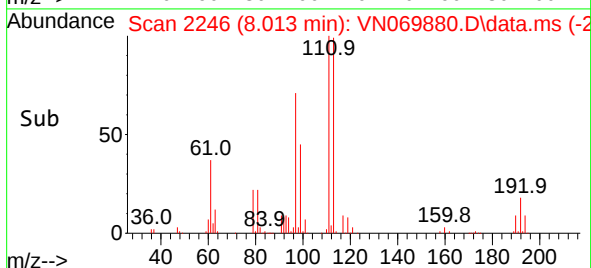
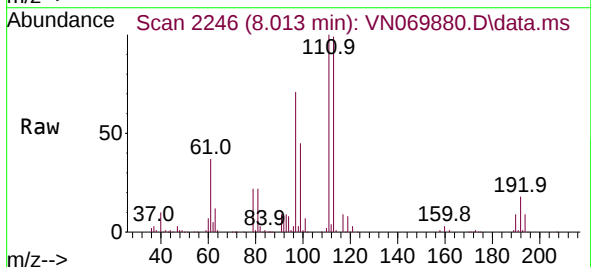
Manual Integrations
APPROVED

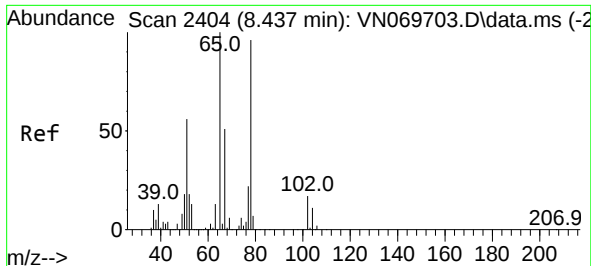
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 20.076 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 97 Resp: 387960
Ion Ratio Lower Upper
97 100
99 61.8 50.1 75.1
61 50.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.784 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069880.D

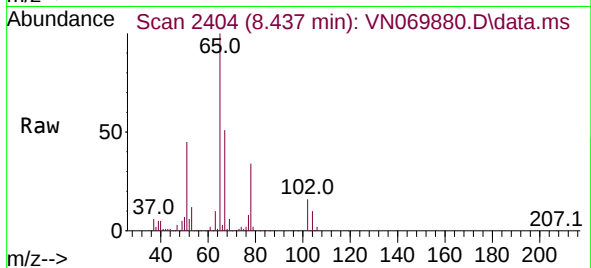
Acq: 9 Dec 2021 00:07

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02



Tgt Ion: 65 Resp: 890300

Ion Ratio Lower Upper

65 100

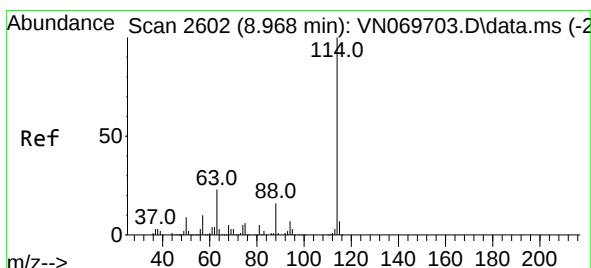
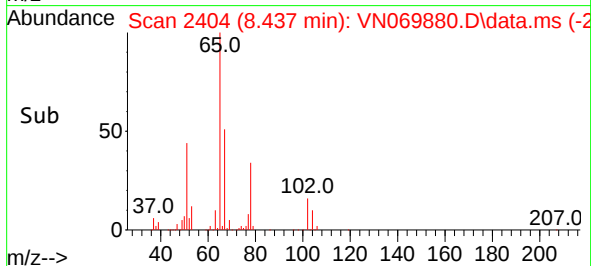
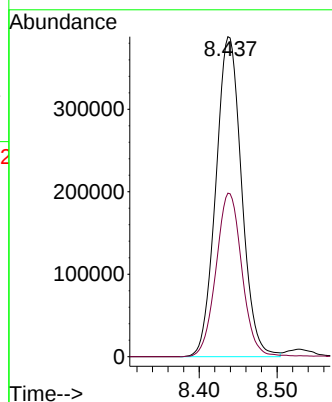
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069880.D

Acq: 9 Dec 2021 00:07

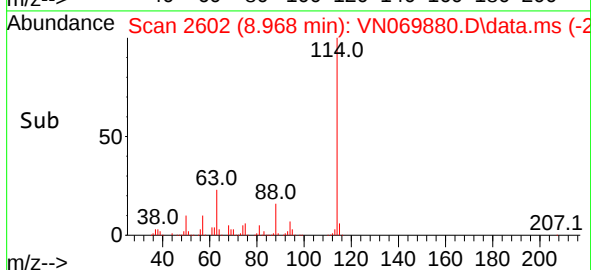
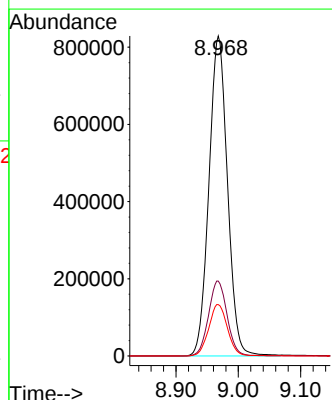
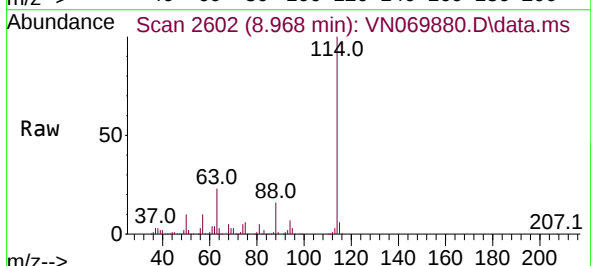
Tgt Ion:114 Resp: 1712375

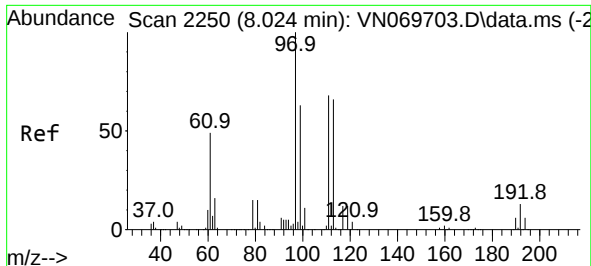
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

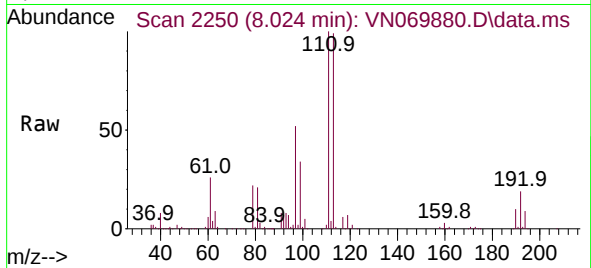
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 56.896 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

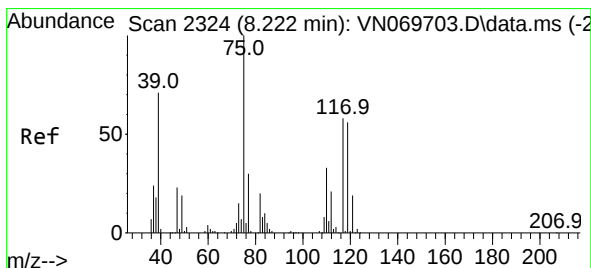
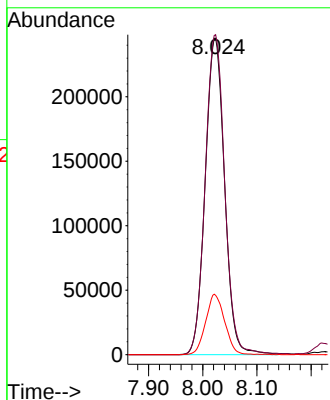
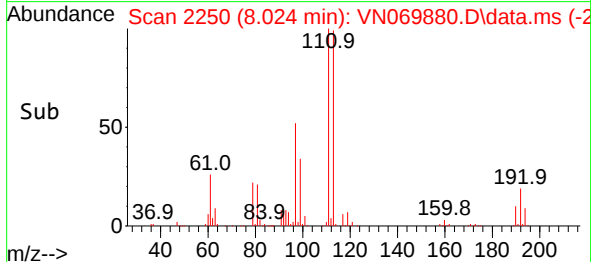
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 113 Resp: 61026
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 18.7 16.9 25.3

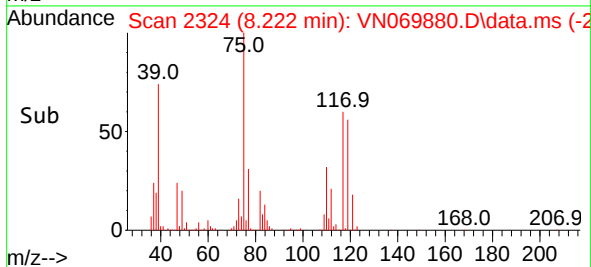
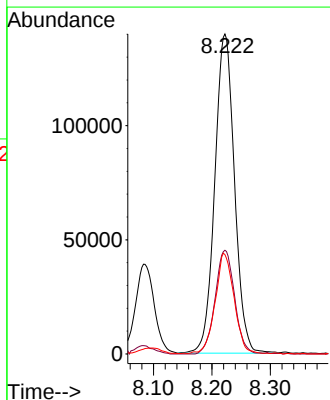
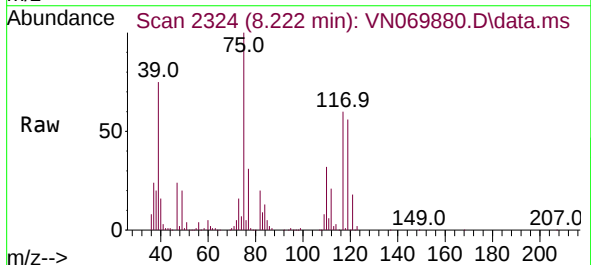
Manual Integrations
APPROVED

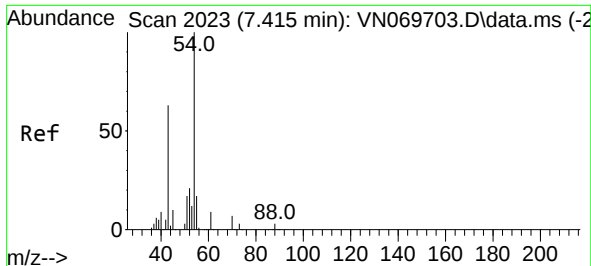
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 20.105 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 75 Resp: 327736
Ion Ratio Lower Upper
75 100
110 32.1 18.4 55.2
77 30.0 24.4 36.6





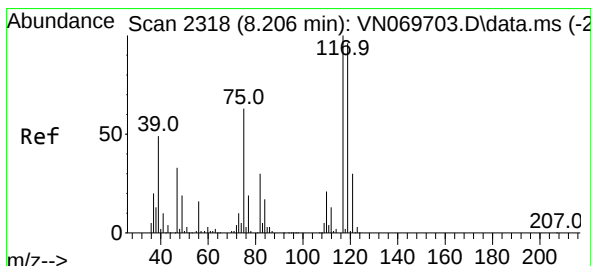
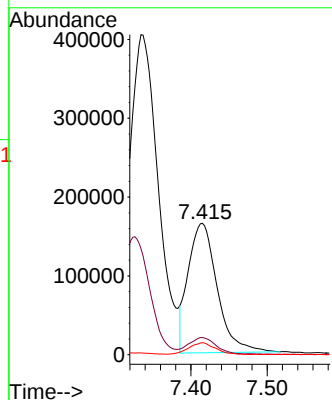
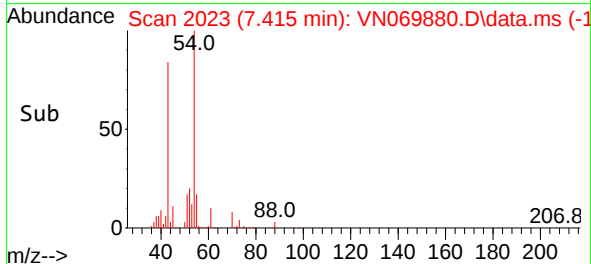
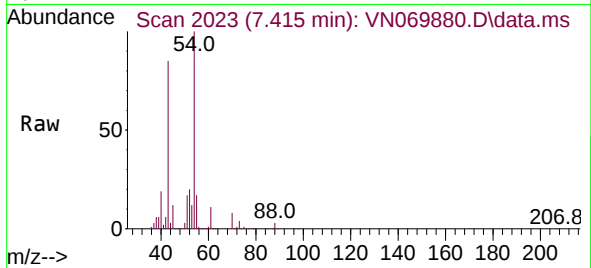
#37
Ethyl Acetate
Concen: 17.916 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 43 Resp: 43469
Ion Ratio Lower Upper
43 100
61 11.9 11.5 17.3
70 8.3 7.9 11.9

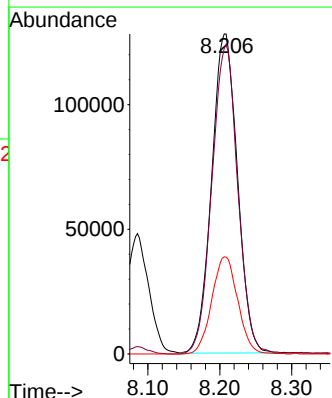
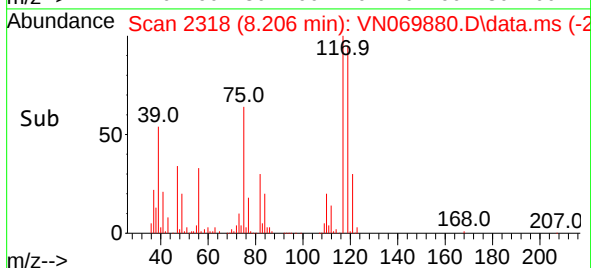
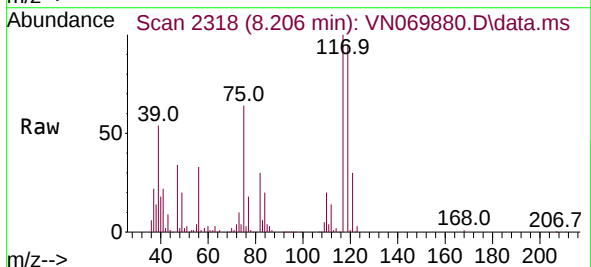
Manual Integrations
APPROVED

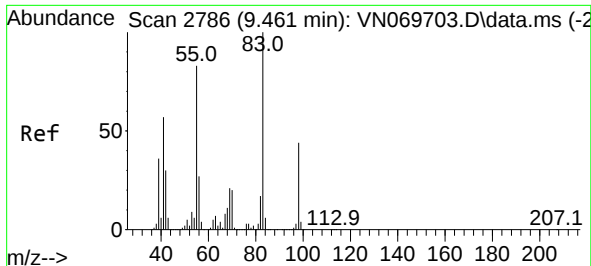
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 19.943 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

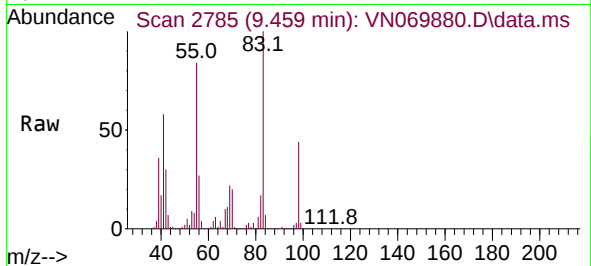
Tgt Ion:117 Resp: 318804
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 19.568 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

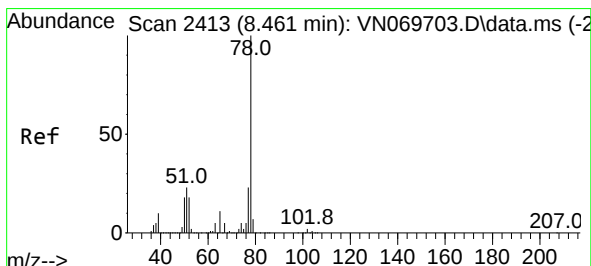
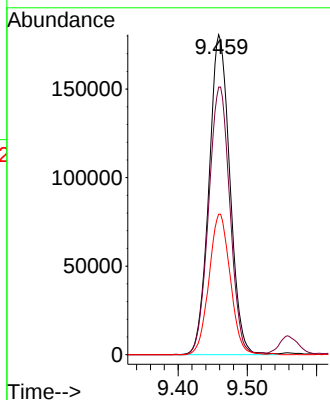
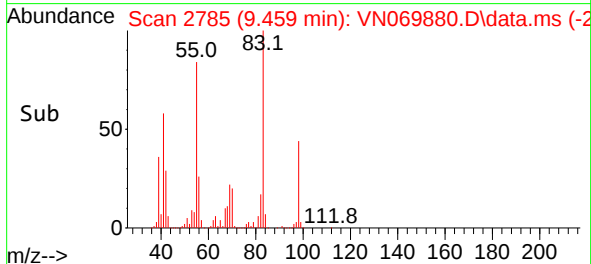
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



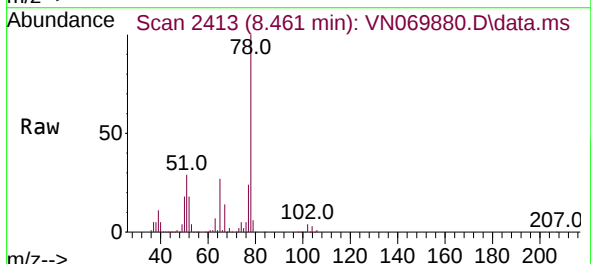
Tgt Ion: 83 Resp: 379419
Ion Ratio Lower Upper
83 100
55 83.5 58.1 87.1
98 43.9 38.4 57.6

Manual Integrations
APPROVED

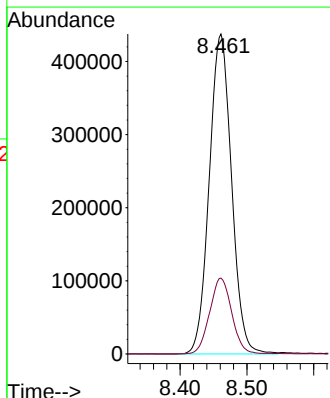
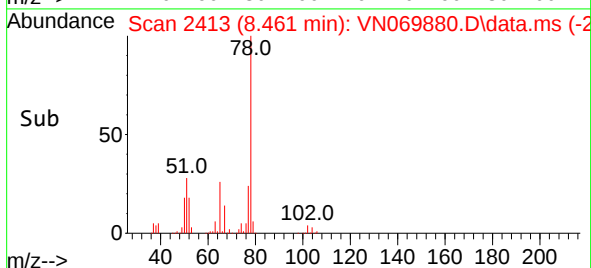
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

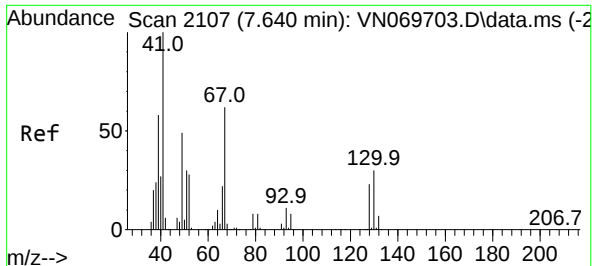


#40
Benzene
Concen: 20.377 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



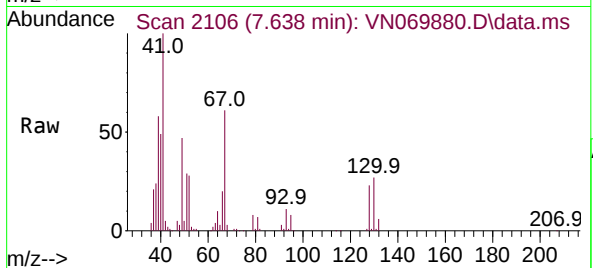
Tgt Ion: 78 Resp: 1015340
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 19.790 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

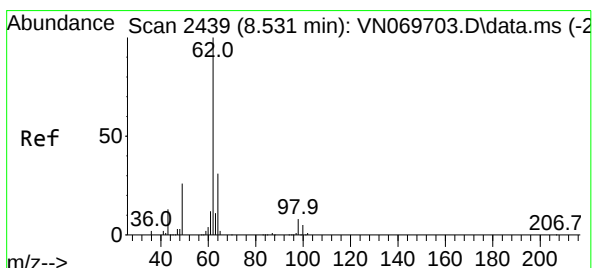
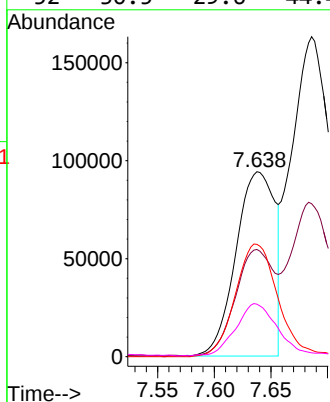
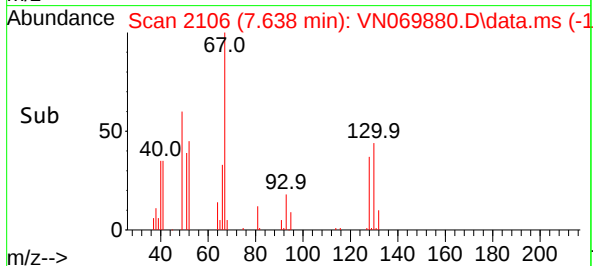
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 41 Resp: 22540
Ion Ratio Lower Upper
41 100
39 57.8 48.1 72.1
67 66.8 68.3 102.5
52 30.5 29.6 44.4

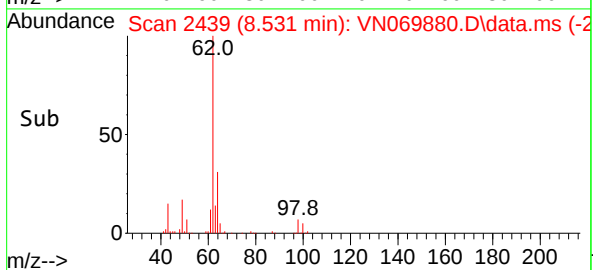
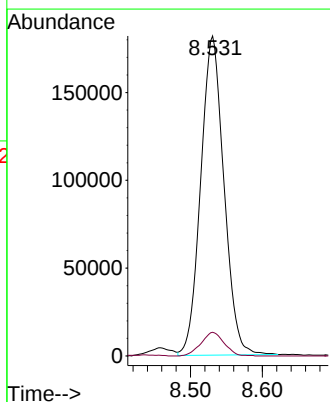
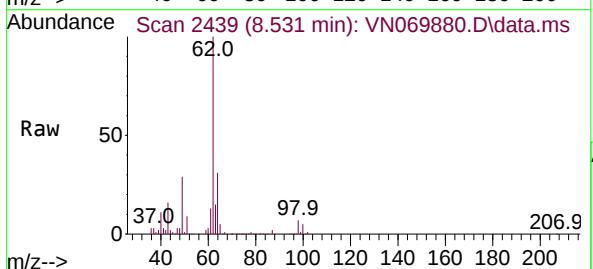
Manual Integrations
APPROVED

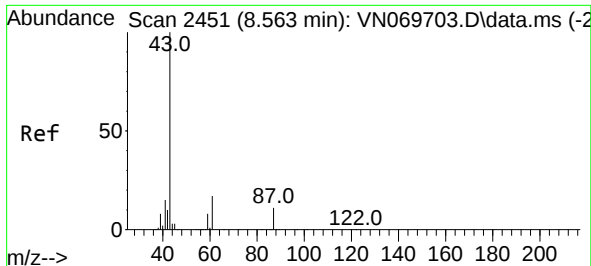
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 20.323 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 62 Resp: 408786
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





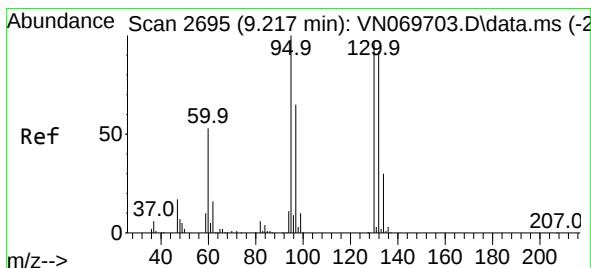
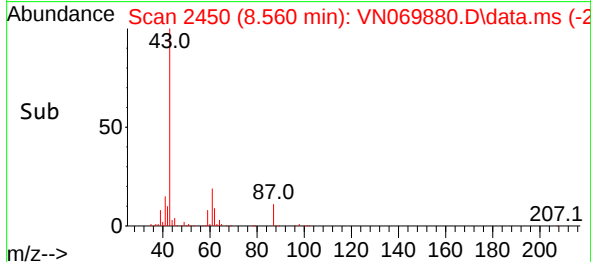
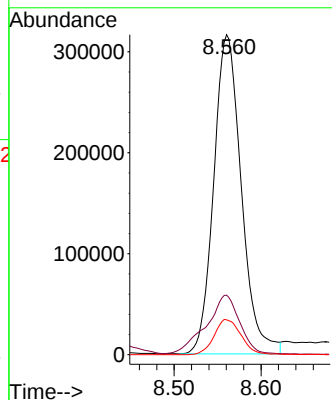
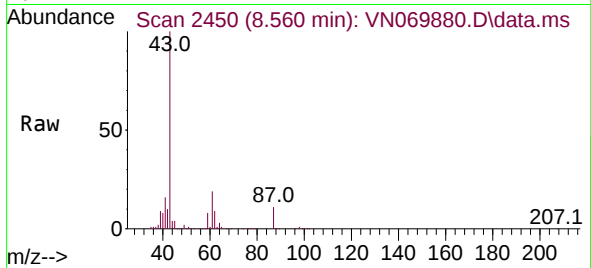
#43
Isopropyl Acetate
Concen: 19.420 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 43 Resp: 69725
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 10.7 11.2 16.8

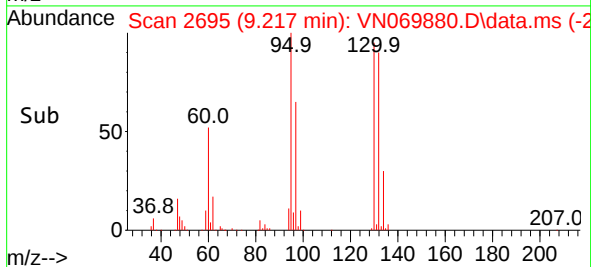
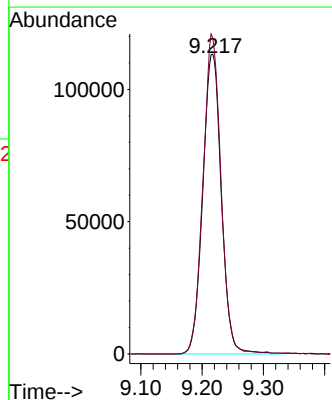
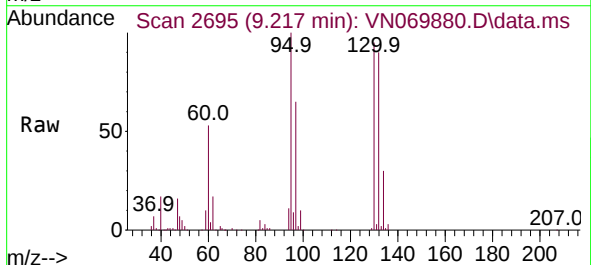
Manual Integrations
APPROVED

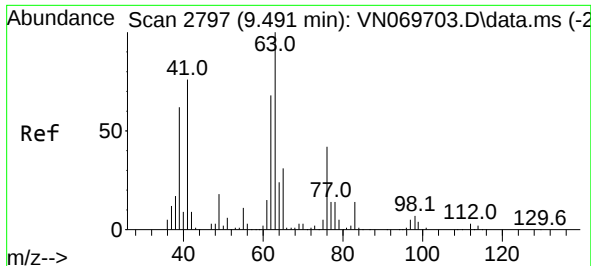
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 20.017 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

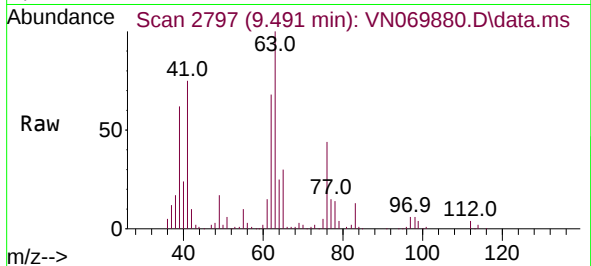
Tgt Ion:130 Resp: 238052
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.612 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

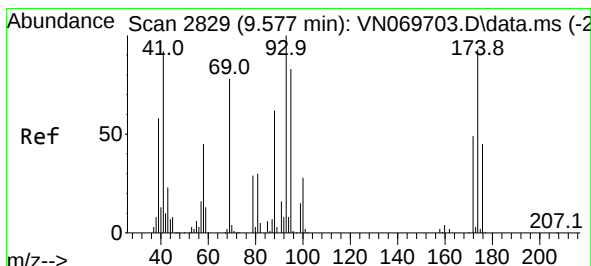
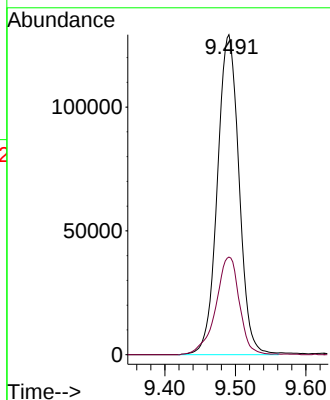
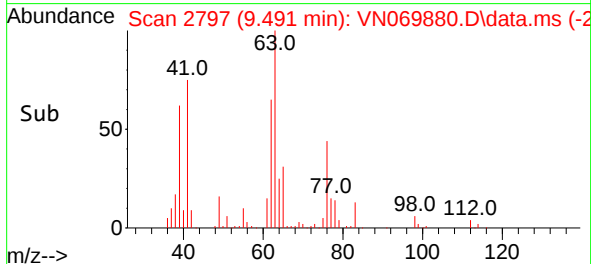
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



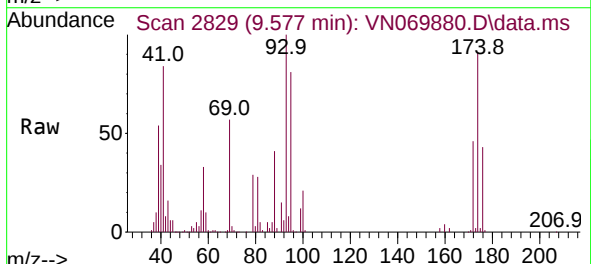
Tgt Ion: 63 Resp: 27579
Ion Ratio Lower Upper
63 100
65 30.5 24.7 37.1

Manual Integrations
APPROVED

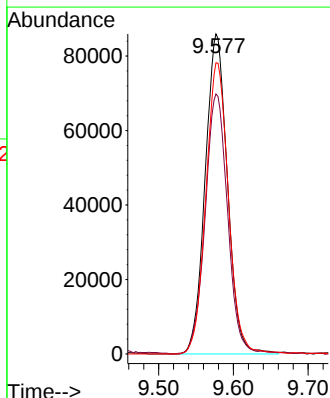
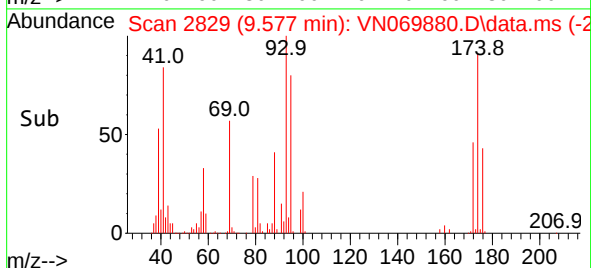
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

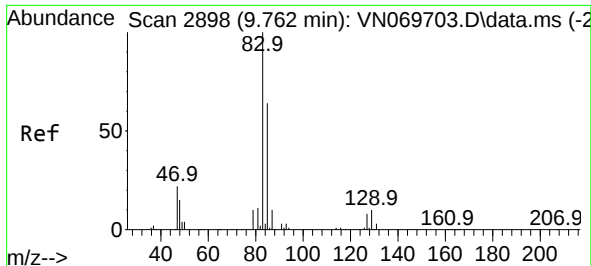


#46
Dibromomethane
Concen: 20.276 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



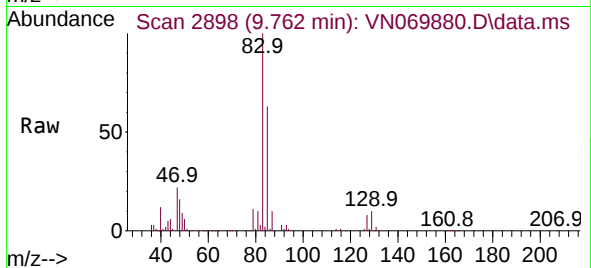
Tgt Ion: 93 Resp: 177928
Ion Ratio Lower Upper
93 100
95 81.5 65.9 98.9
174 92.3 84.6 127.0





#47
Bromodichloromethane
Concen: 20.817 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

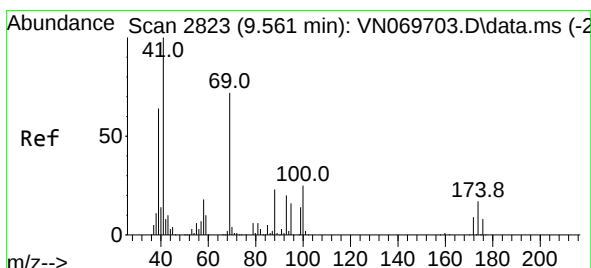
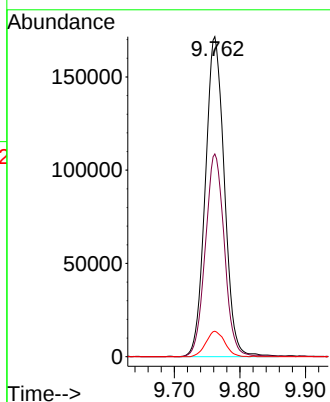
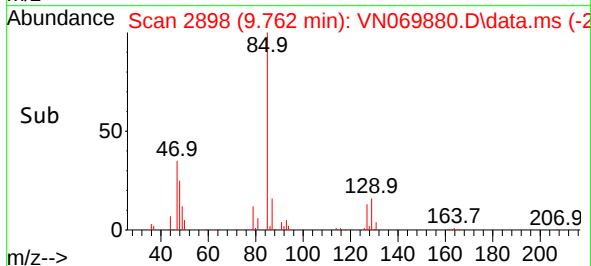
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 83 Resp: 34587
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.0 7.1 10.7

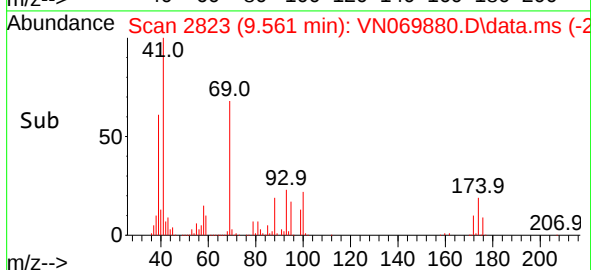
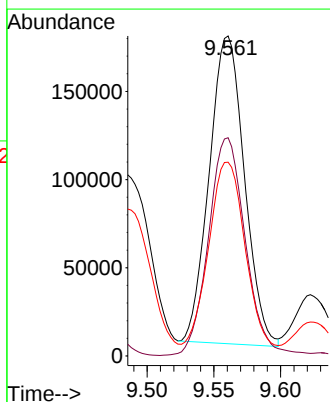
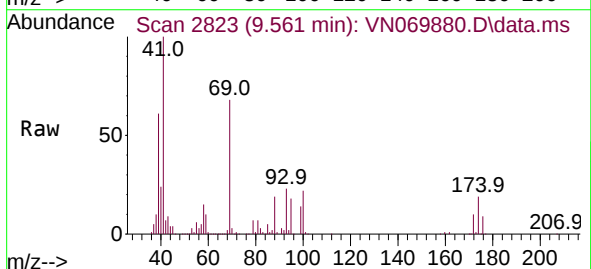
Manual Integrations
APPROVED

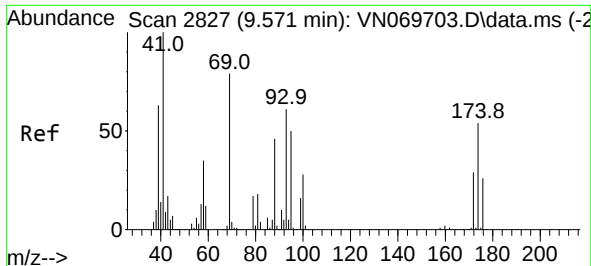
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 19.075 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

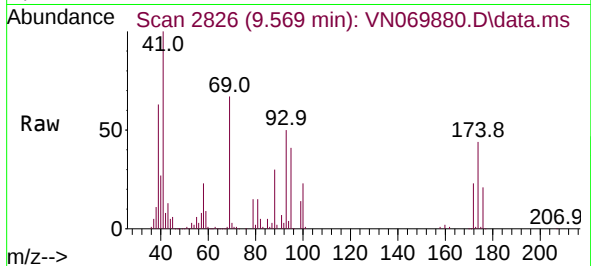
Tgt Ion: 41 Resp: 319623
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 66.8 58.4 87.6





#49
1,4-Dioxane
Concen: 306.091 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

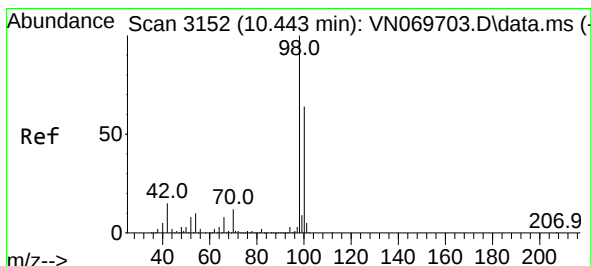
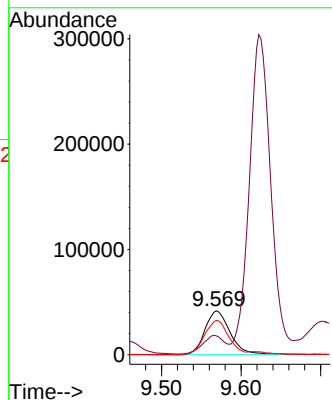
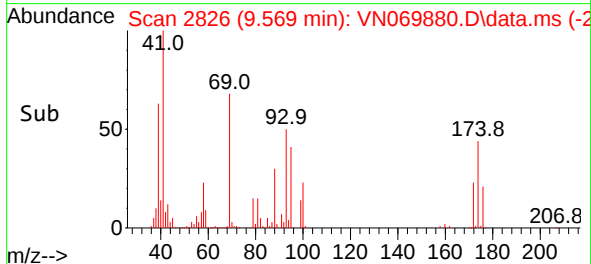
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 88 Resp: 92020
Ion Ratio Lower Upper
88 100
43 36.2 23.4 35.2
58 74.2 50.6 75.8

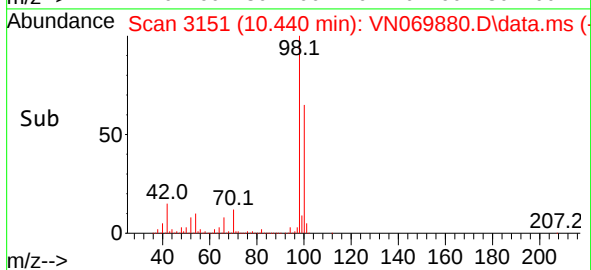
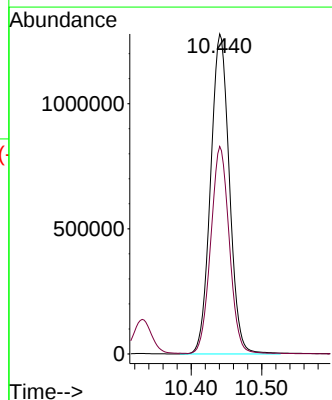
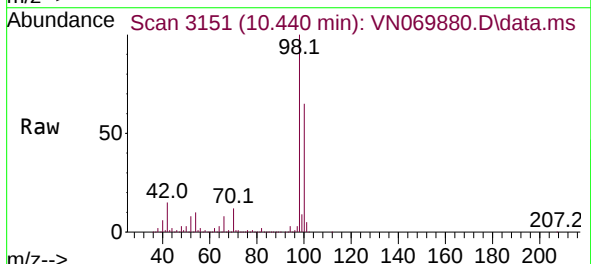
Manual Integrations
APPROVED

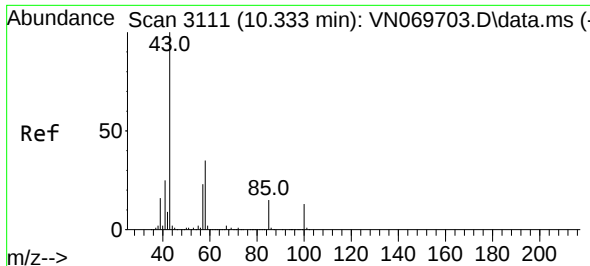
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#50
Toluene-d8
Concen: 54.911 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 98 Resp: 2364909
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





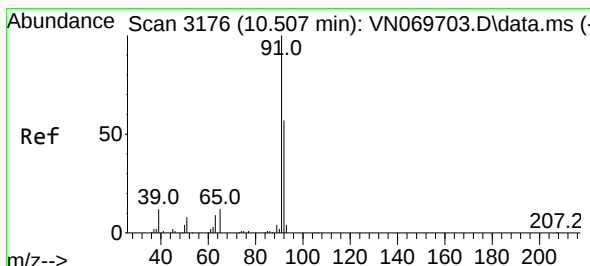
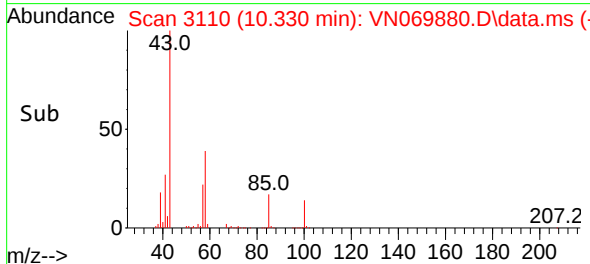
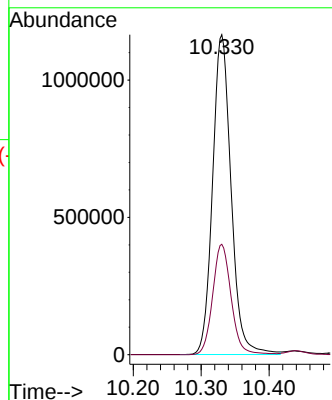
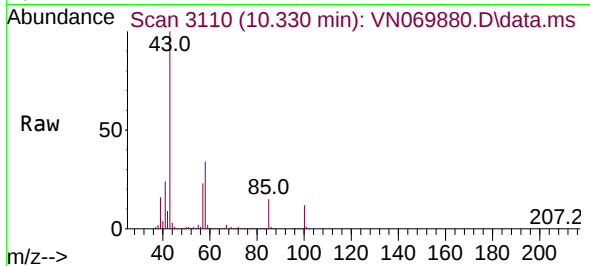
#51
4-Methyl-2-Pentanone
Concen: 94.780 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 43 Resp: 220764
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

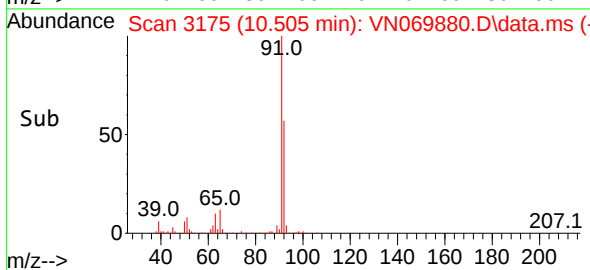
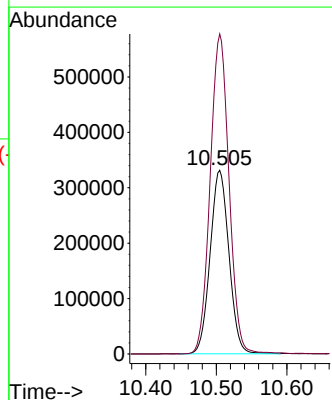
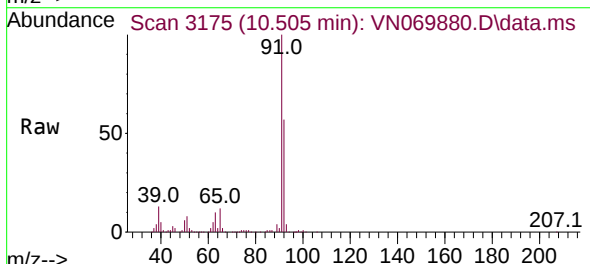
Manual Integrations
APPROVED

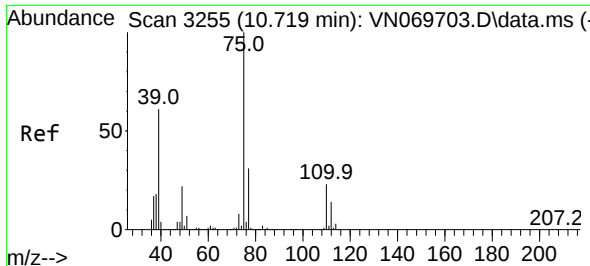
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 20.171 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

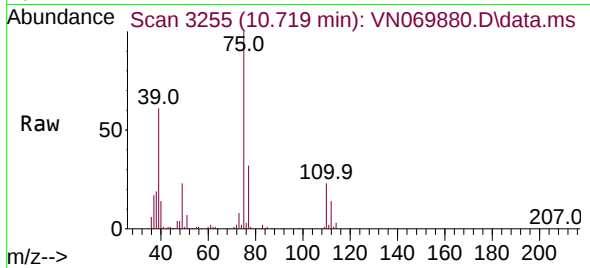
Tgt Ion: 92 Resp: 613618
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.014 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

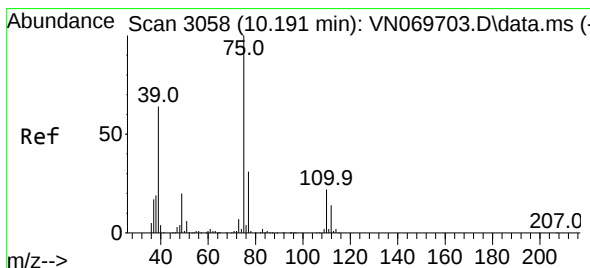
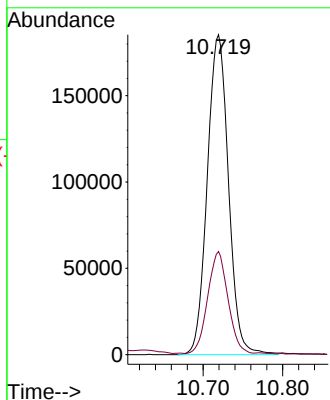
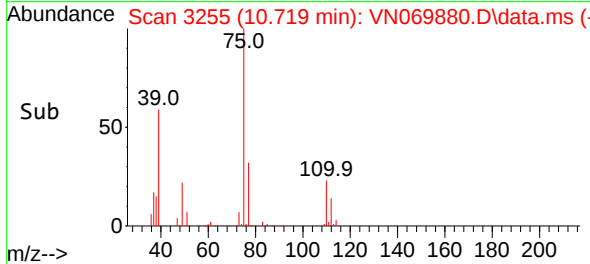
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



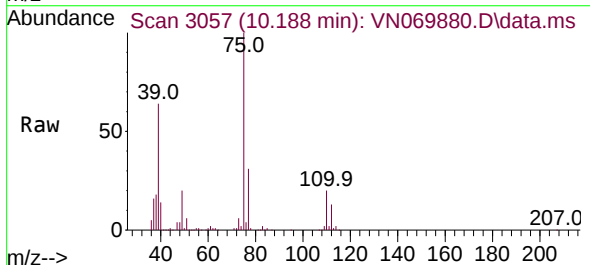
Tgt Ion: 75 Resp: 34336
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
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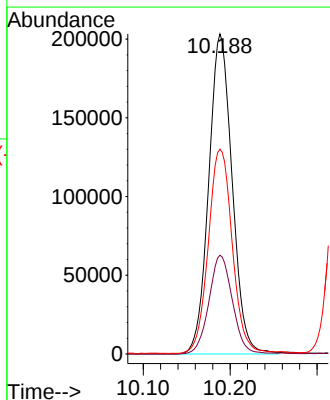
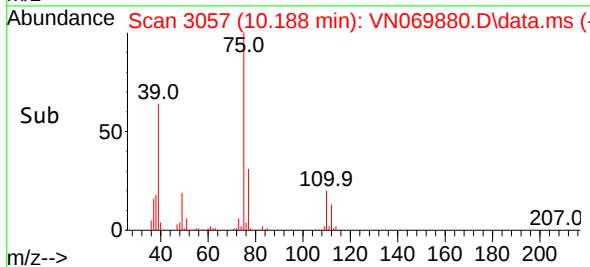
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

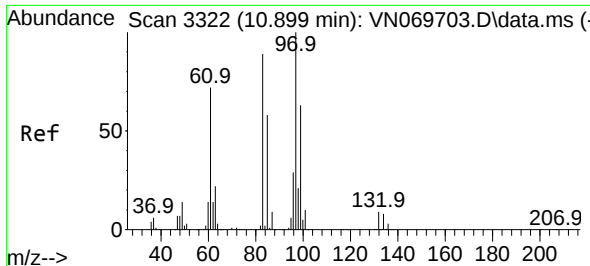


#54
cis-1,3-Dichloropropene
Concen: 19.392 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



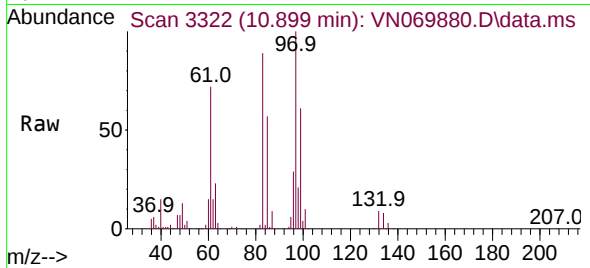
Tgt Ion: 75 Resp: 380016
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 63.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.976 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

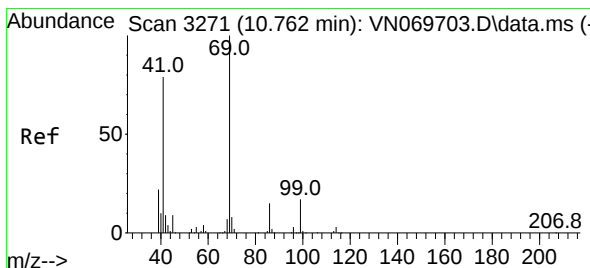
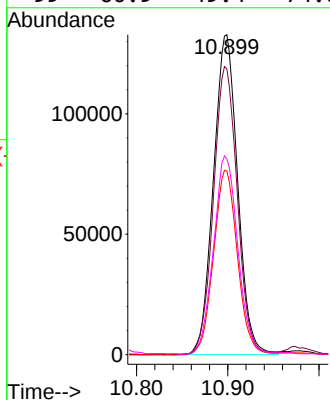
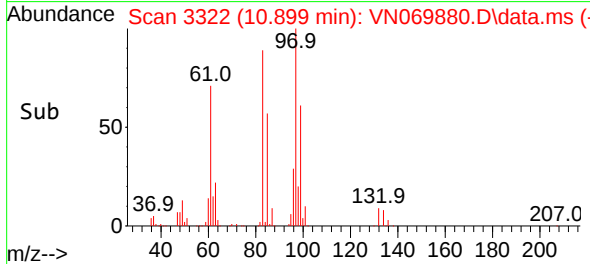
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



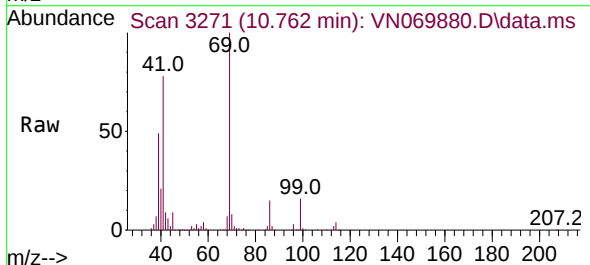
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.8	101.6
85	57.4	45.4	68.2
99	60.9	49.4	74.0

Manual Integrations
APPROVED

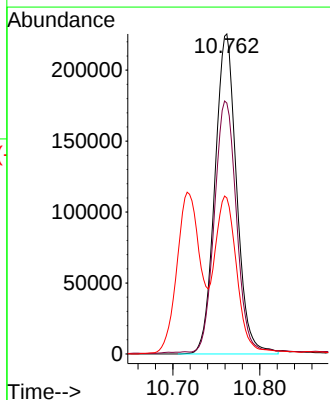
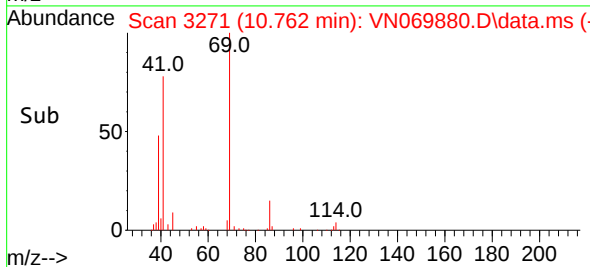
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

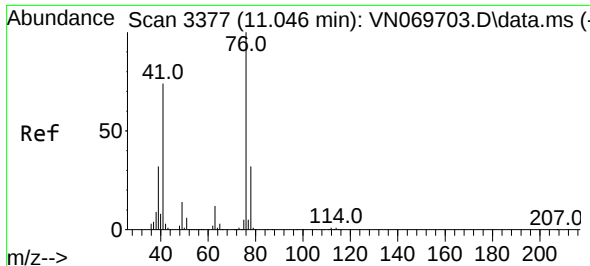


#56
Ethyl methacrylate
Concen: 18.407 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



Tgt Ion	Ratio	Lower	Upper
69	100		
41	79.4	51.4	77.0#
39	49.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 20.136 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069880.D

Acq: 9 Dec 2021 00:07

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tgt Ion: 76 Resp: 435174

Ion Ratio Lower Upper

76 100

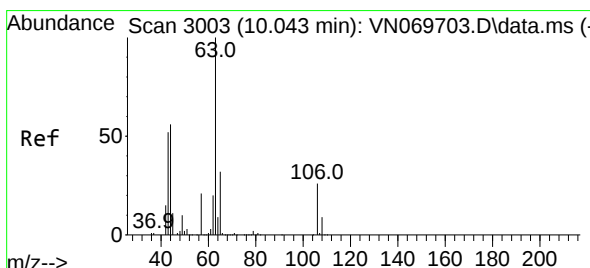
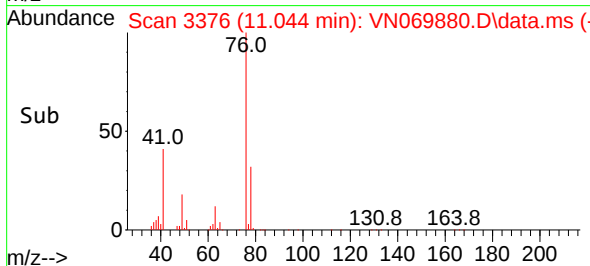
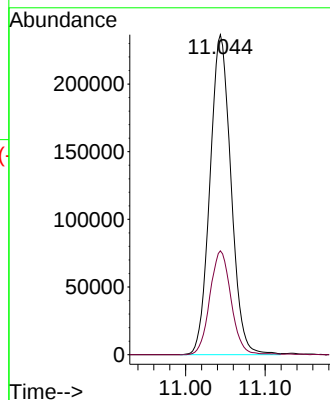
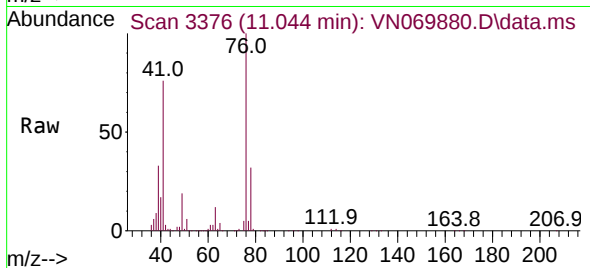
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 82.874 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069880.D

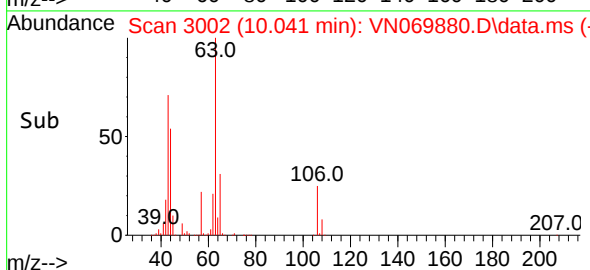
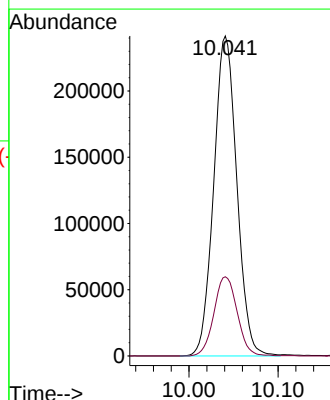
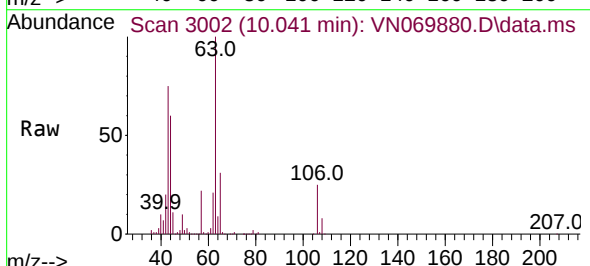
Acq: 9 Dec 2021 00:07

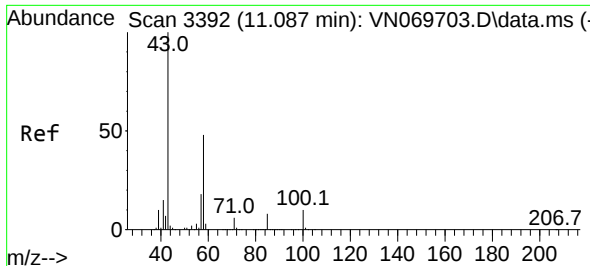
Tgt Ion: 63 Resp: 435307

Ion Ratio Lower Upper

63 100

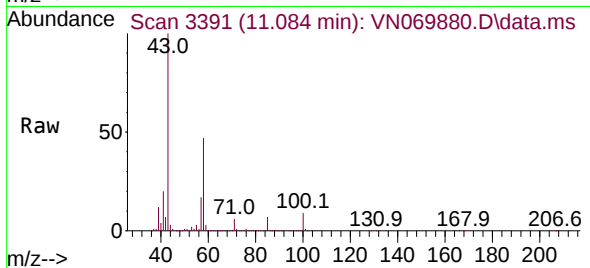
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 85.710 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

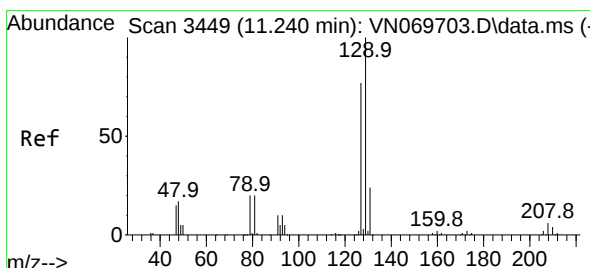
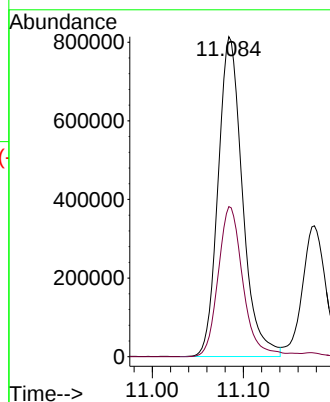
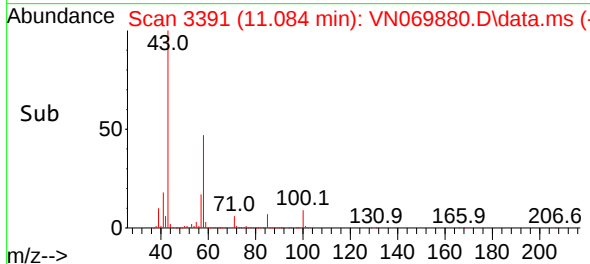
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 43 Resp: 151019
Ion Ratio Lower Upper
43 100
58 47.6 26.9 80.7

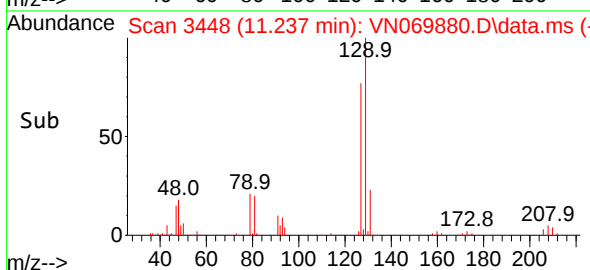
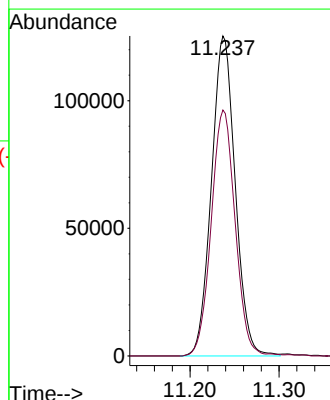
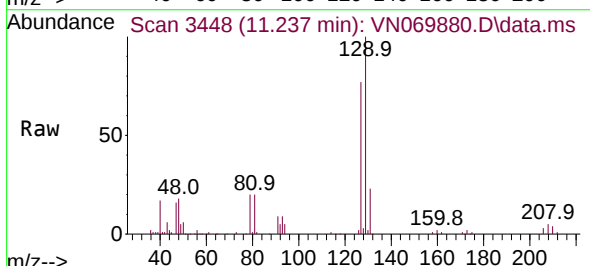
Manual Integrations
APPROVED

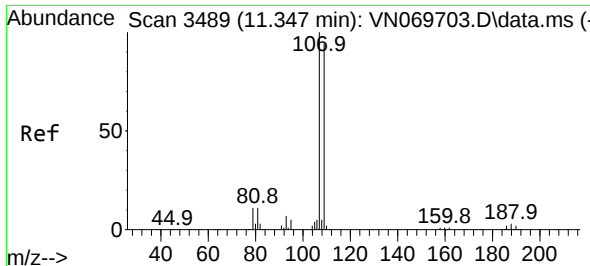
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 19.234 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

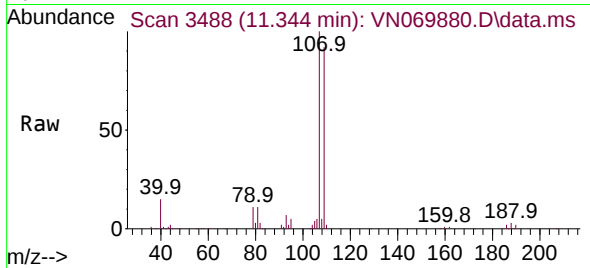
Tgt Ion:129 Resp: 232754
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.569 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

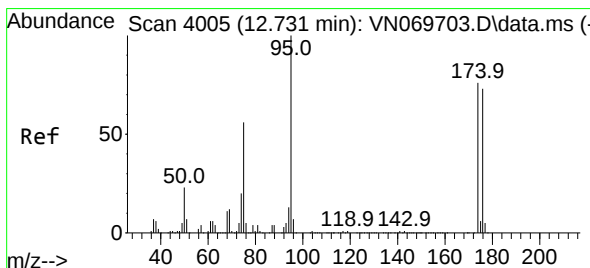
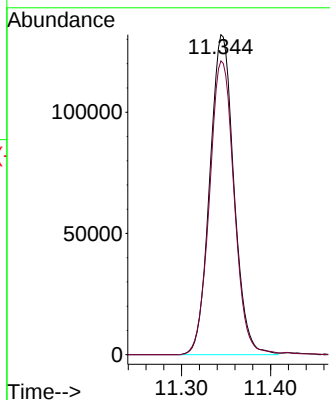
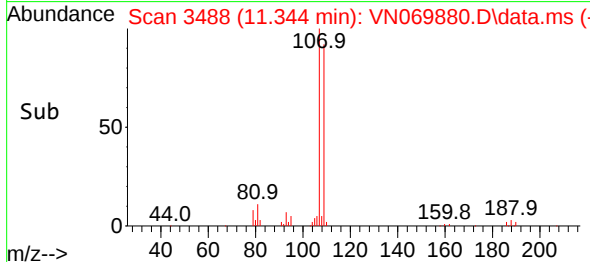
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion:107 Resp: 24877
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

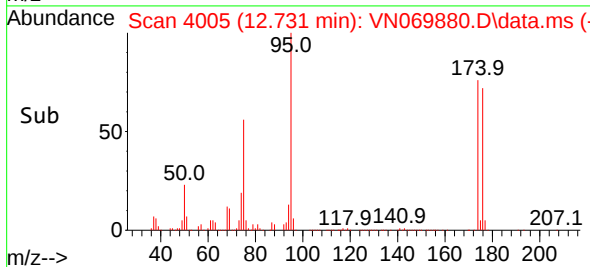
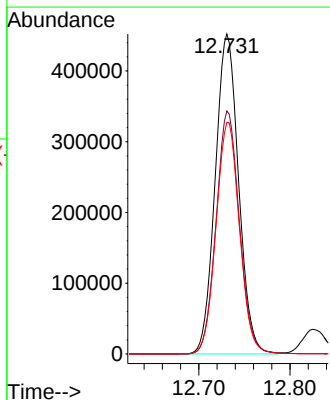
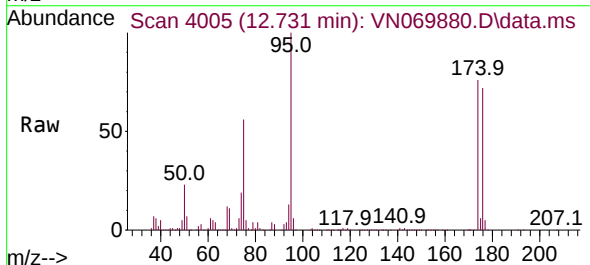
Manual Integrations
APPROVED

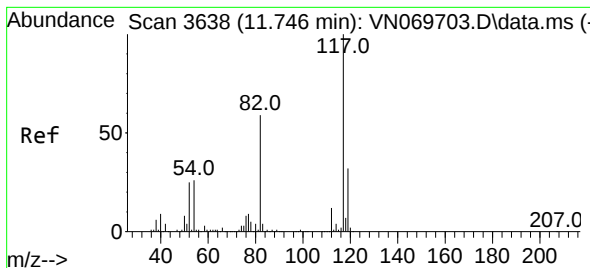
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 51.580 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 95 Resp: 804792
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069880.D

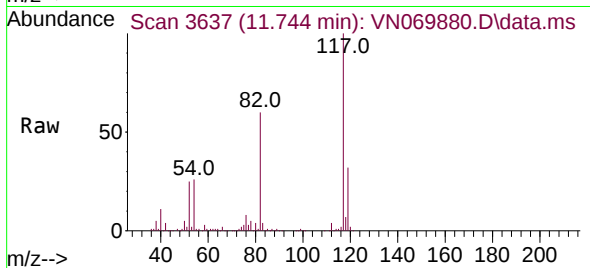
Acq: 9 Dec 2021 00:07

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02



Tgt Ion:117 Resp: 1545600

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

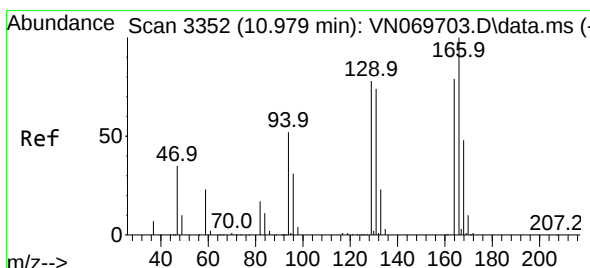
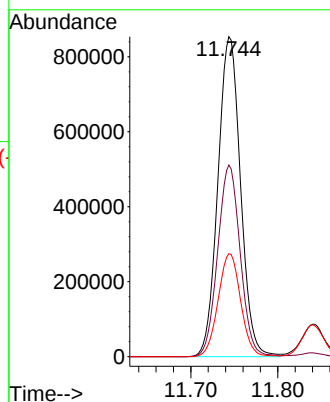
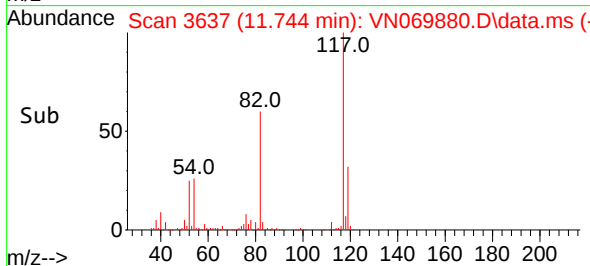
119 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#64

Tetrachloroethene

Concen: 20.048 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069880.D

Acq: 9 Dec 2021 00:07

Tgt Ion:164 Resp: 210110

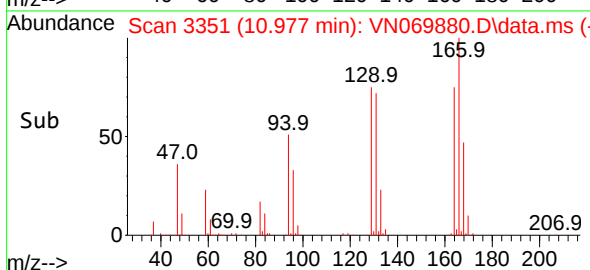
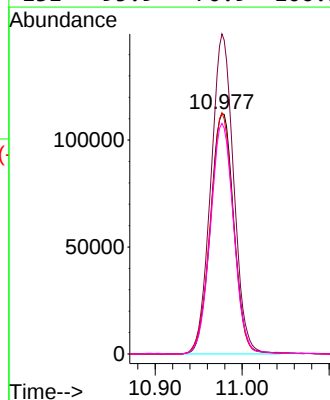
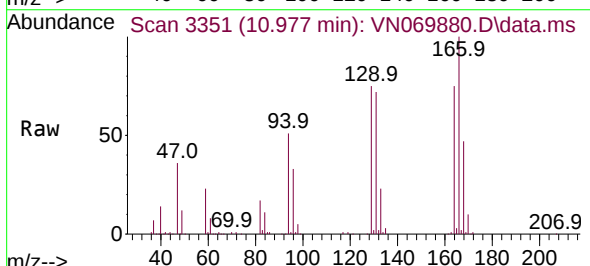
Ion Ratio Lower Upper

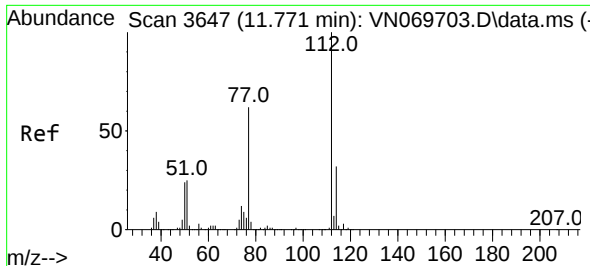
164 100

166 133.2 101.9 152.9

129 100.4 72.0 108.0

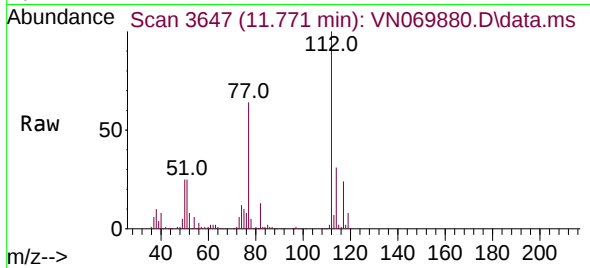
131 95.9 70.9 106.3





#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

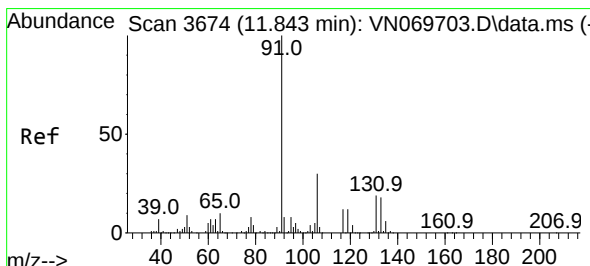
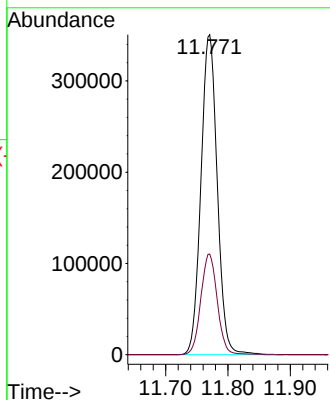
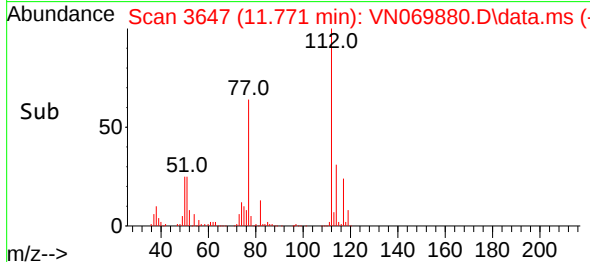
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



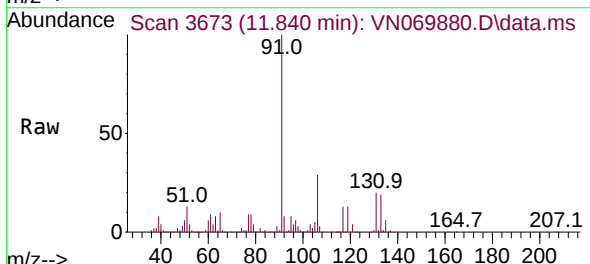
Tgt Ion:112 Resp: 63702
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

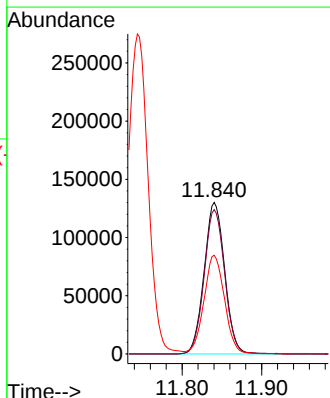
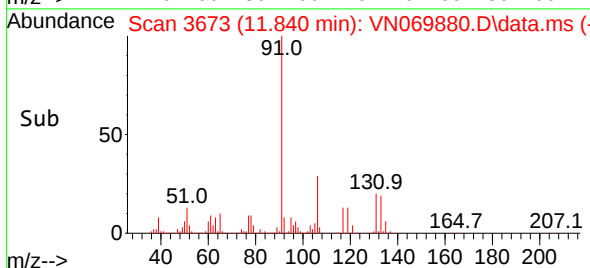
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

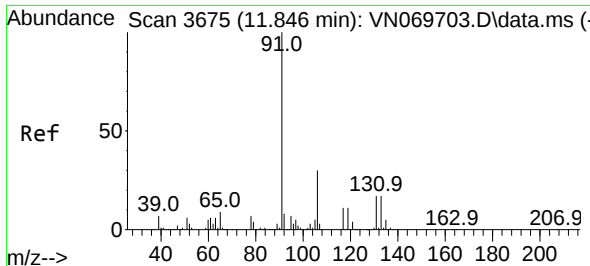


#66
1,1,1,2-Tetrachloroethane
Concen: 21.171 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



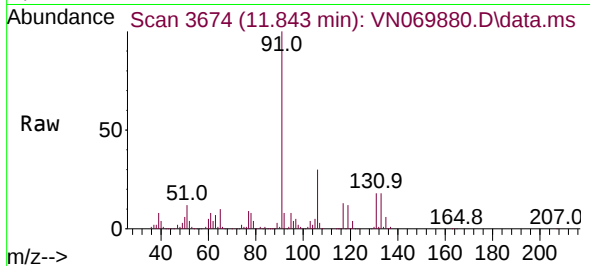
Tgt Ion:131 Resp: 233648
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 20.679 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

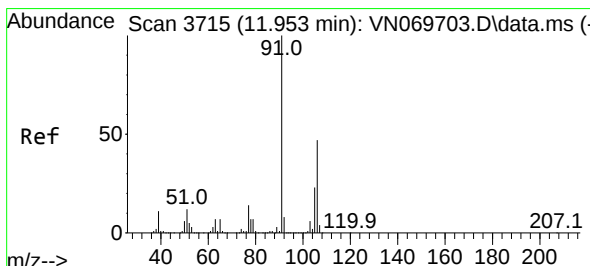
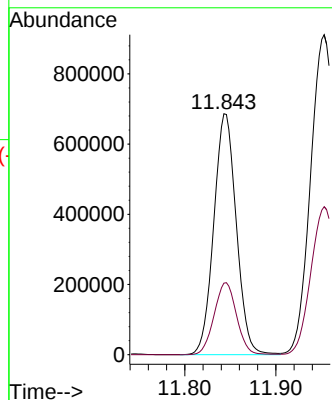
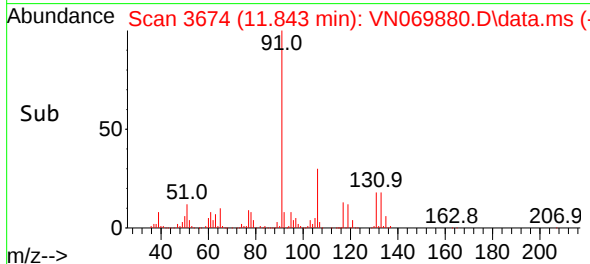
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 91 Resp: 117784
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

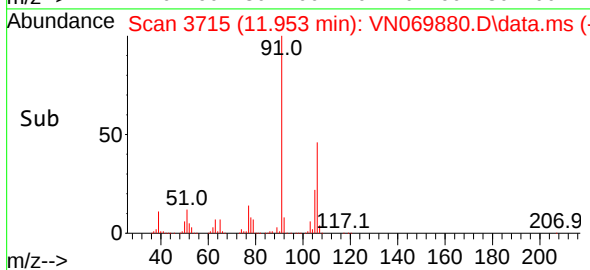
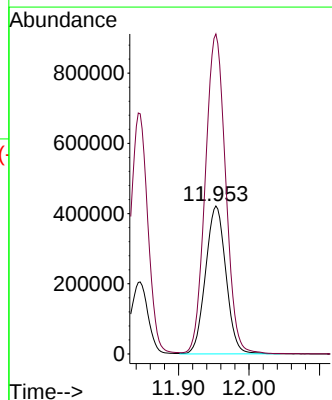
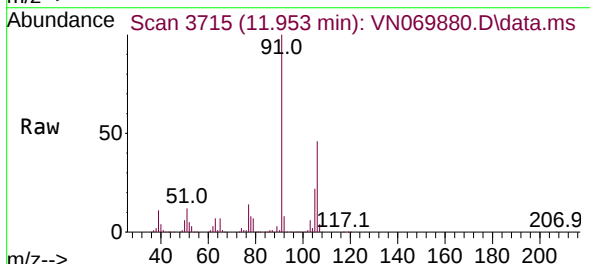
Manual Integrations
APPROVED

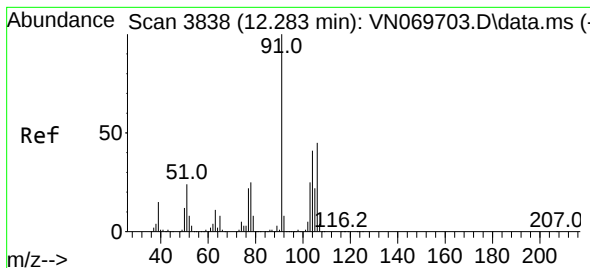
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 40.736 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion:106 Resp: 844801
Ion Ratio Lower Upper
106 100
91 216.6 160.6 240.8





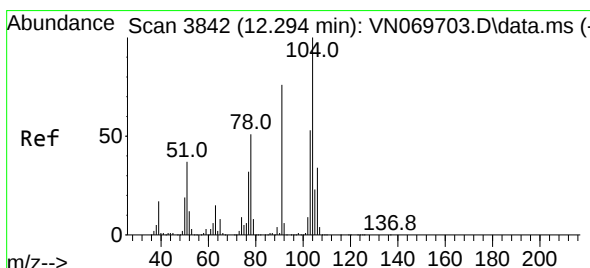
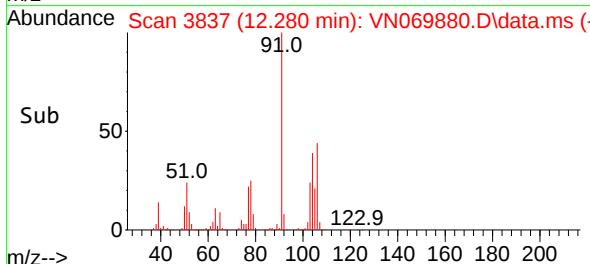
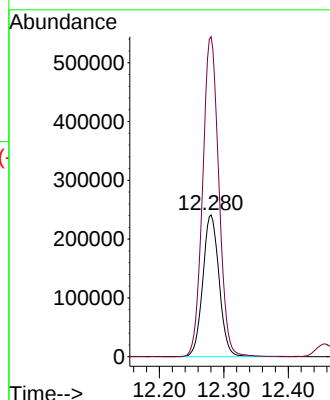
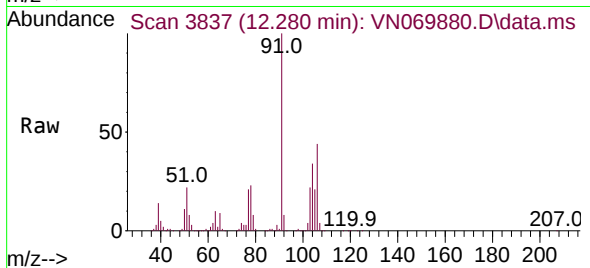
#69
o-Xylene
Concen: 20.319 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion:106 Resp: 424460
Ion Ratio Lower Upper
106 100
91 224.8 105.8 317.3

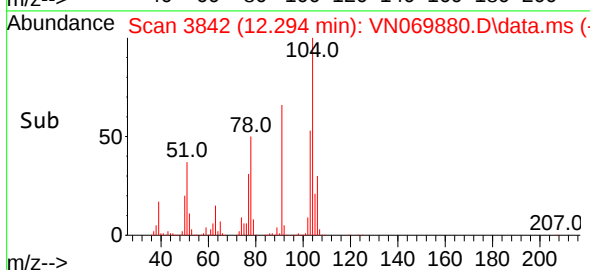
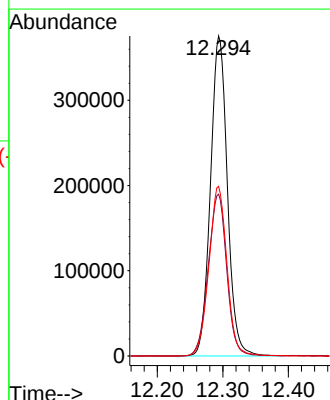
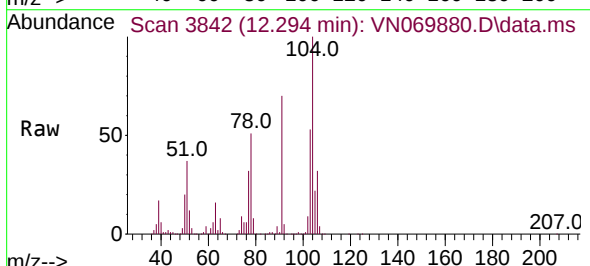
Manual Integrations
APPROVED

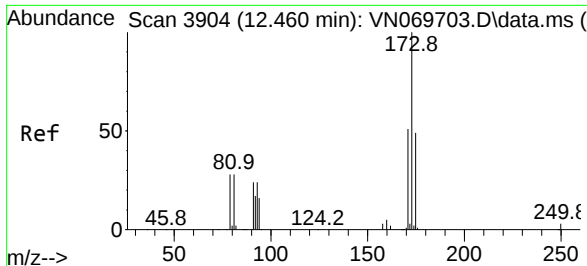
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 20.309 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

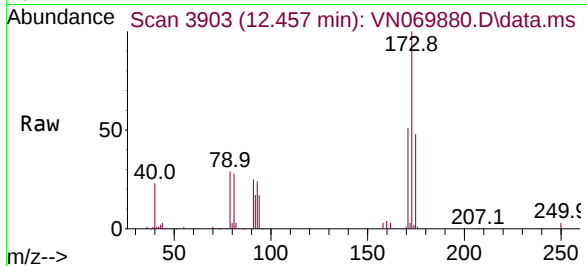
Tgt Ion:104 Resp: 672720
Ion Ratio Lower Upper
104 100
78 55.3 38.7 58.1
103 56.5 45.0 67.6





#71
Bromoform
Concen: 18.775 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

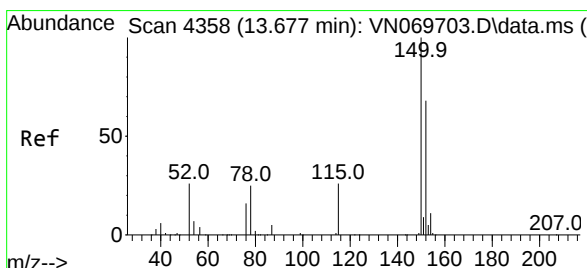
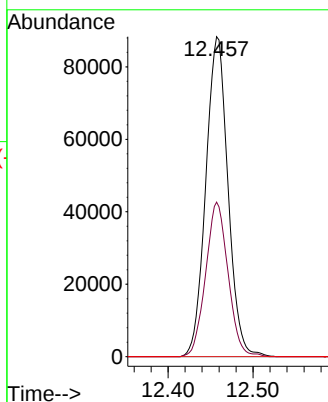
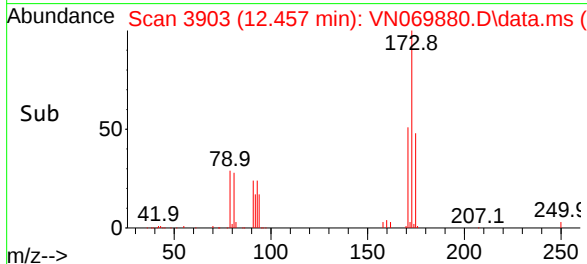
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



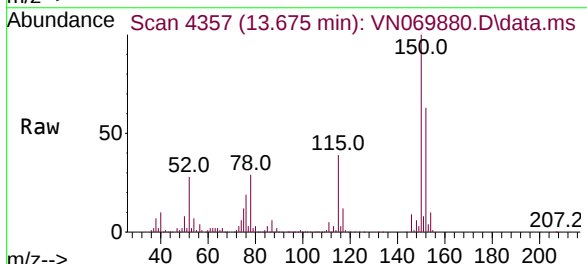
Tgt Ion:173 Resp: 160190
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

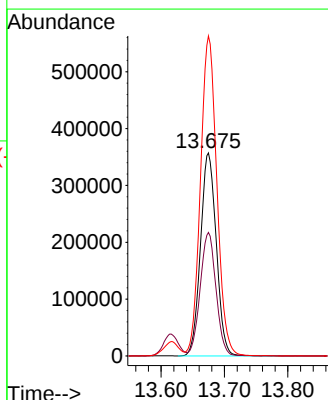
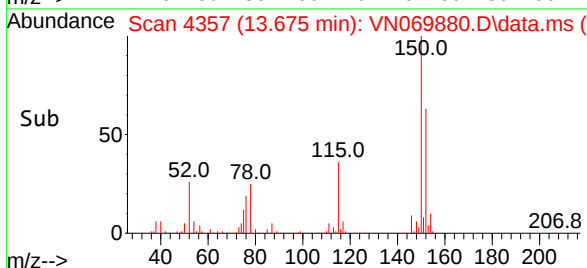
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

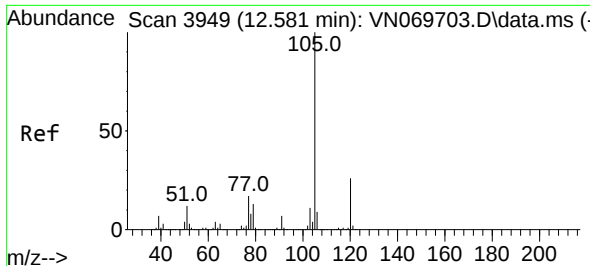


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



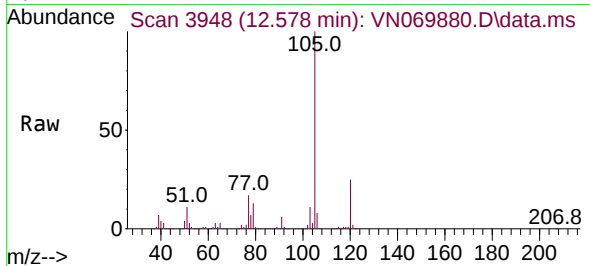
Tgt Ion:152 Resp: 618018
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 163.2 0.0 344.4





#73
Isopropylbenzene
Concen: 20.289 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

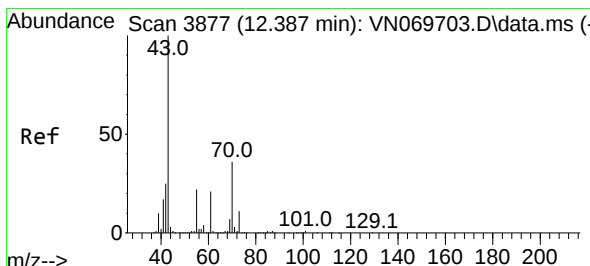
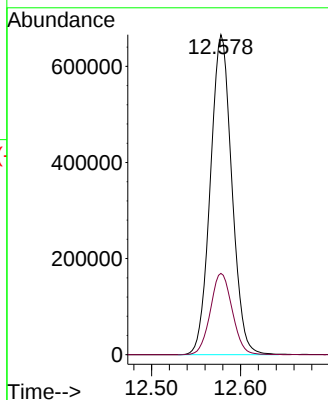
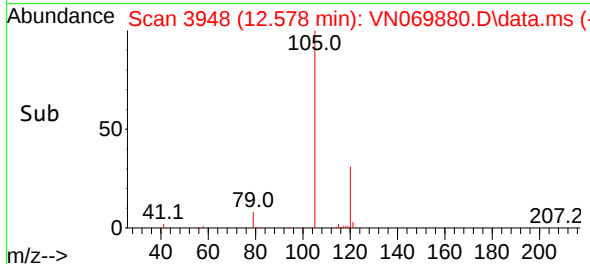
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion:105 Resp: 1115640
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

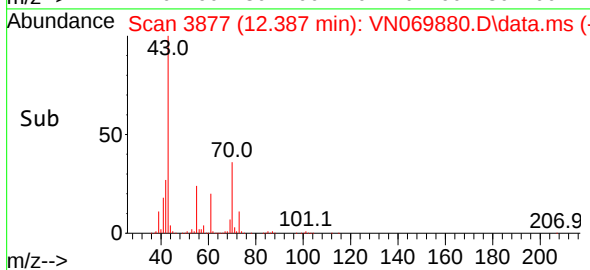
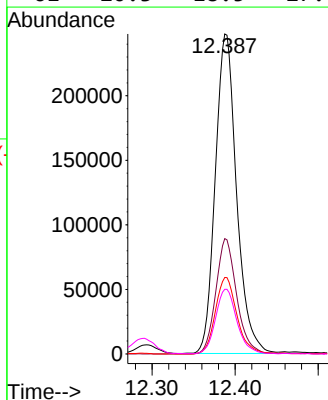
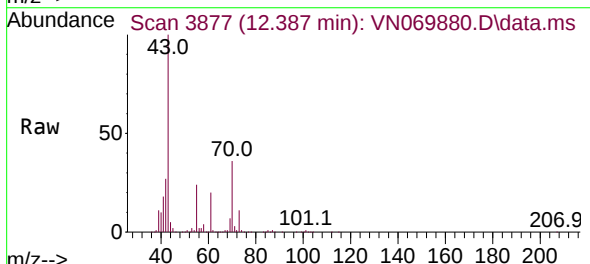
Manual Integrations
APPROVED

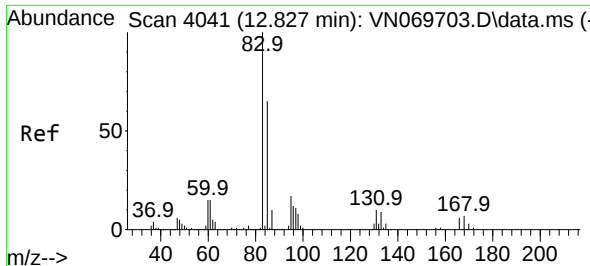
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 18.131 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

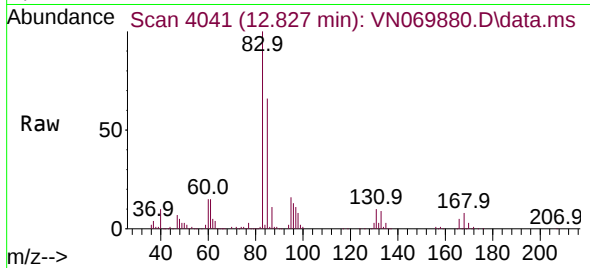
Tgt Ion: 43 Resp: 440892
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 24.3 19.3 28.9
61 20.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.862 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

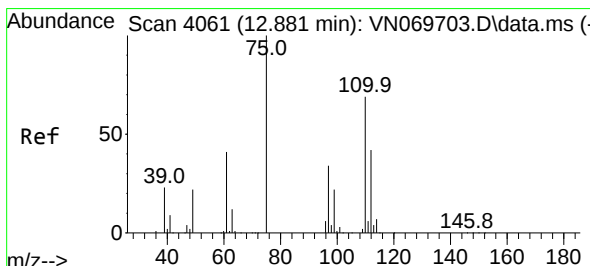
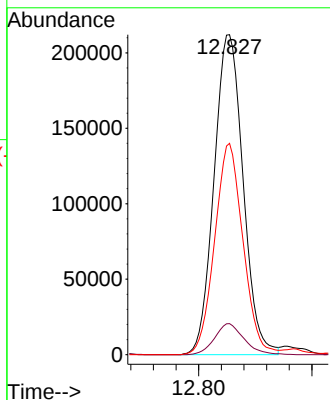
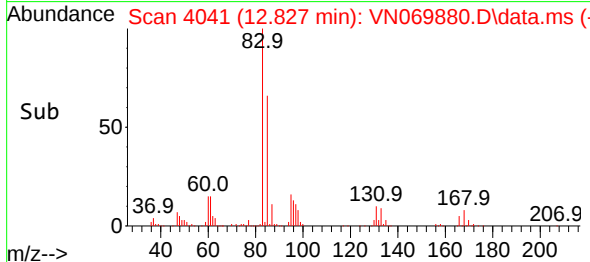
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



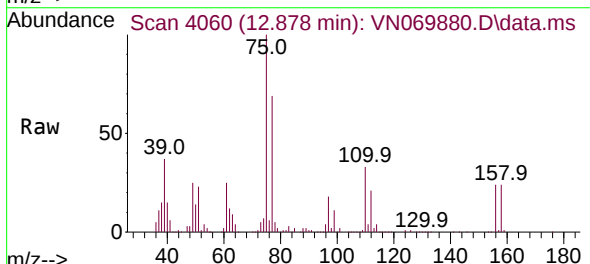
Tgt Ion: 83 Resp: 377664
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

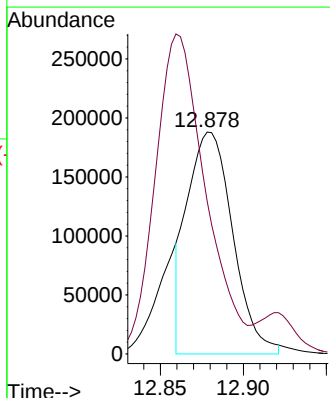
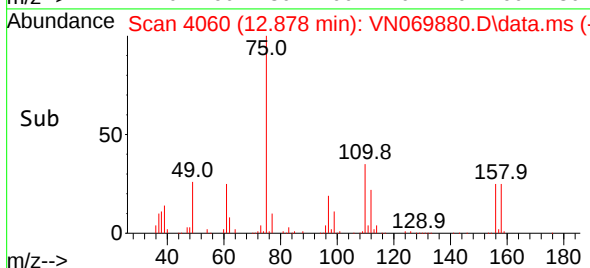
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

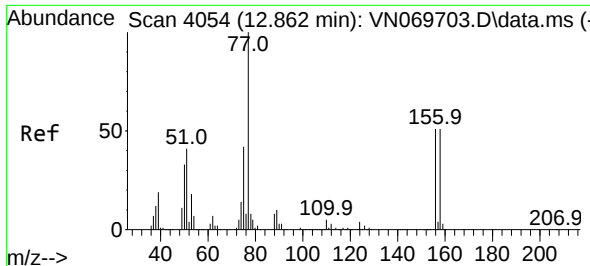


#76
1,2,3-Trichloropropane
Concen: 20.247 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



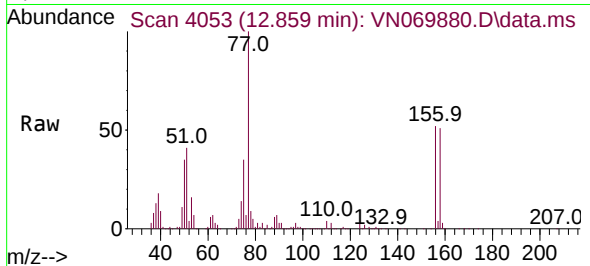
Tgt Ion: 75 Resp: 358844
Ion Ratio Lower Upper
75 100
77 159.1 82.6 247.8





#77
Bromobenzene
Concen: 19.808 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

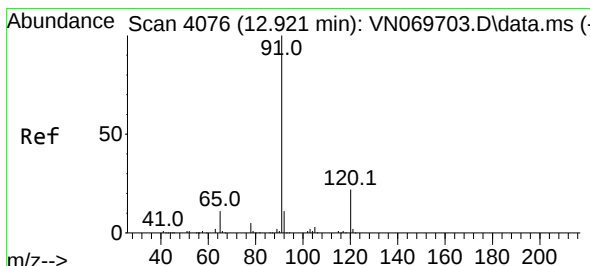
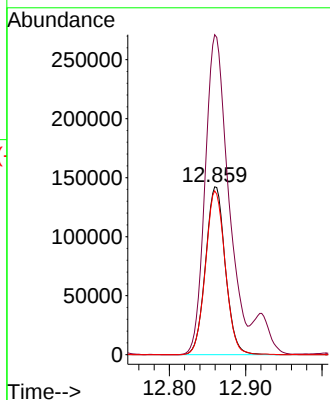
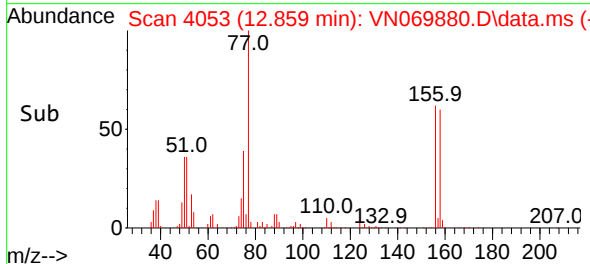
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion:156 Resp: 25582
Ion Ratio Lower Upper
156 100
77 223.2 90.6 271.8
158 97.4 48.9 146.7

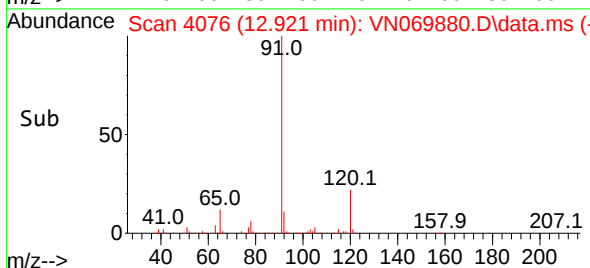
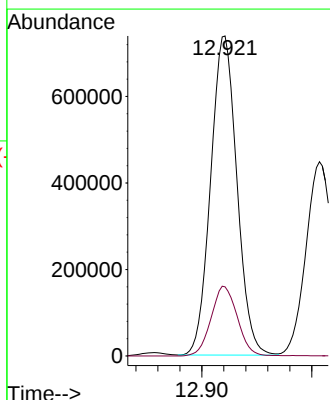
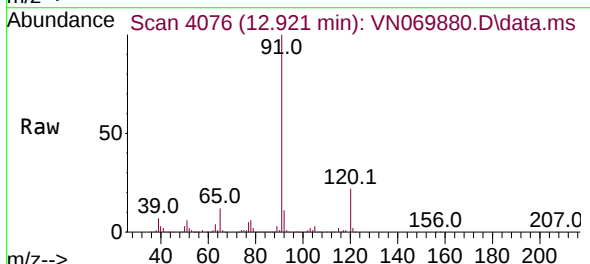
Manual Integrations
APPROVED

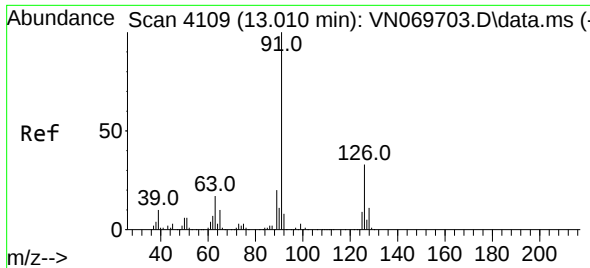
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 20.038 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion: 91 Resp: 1226067
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





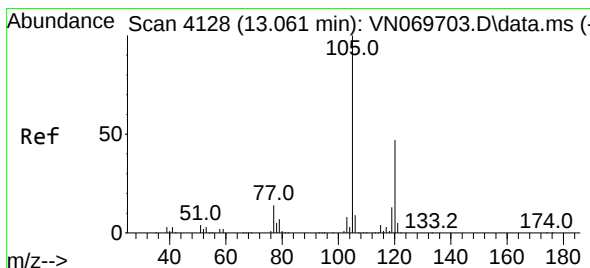
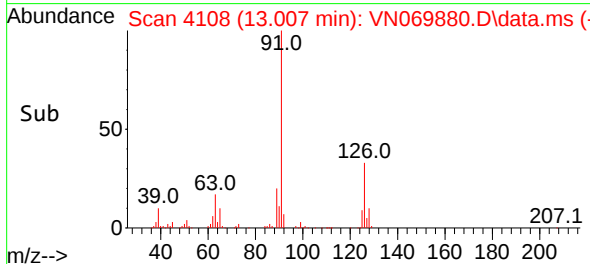
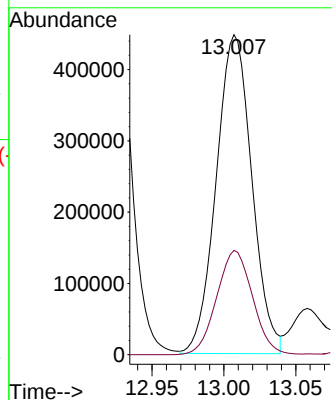
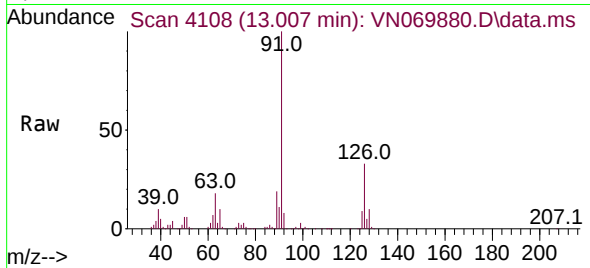
#79
2-Chlorotoluene
Concen: 19.973 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 91 Resp: 772209
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

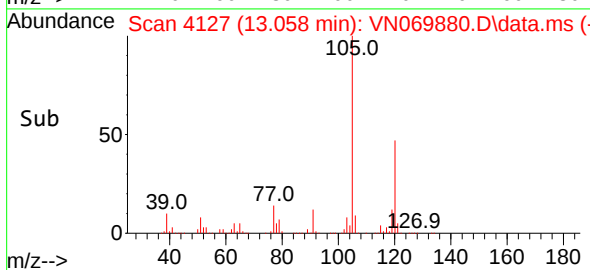
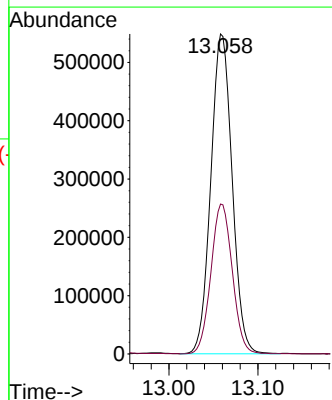
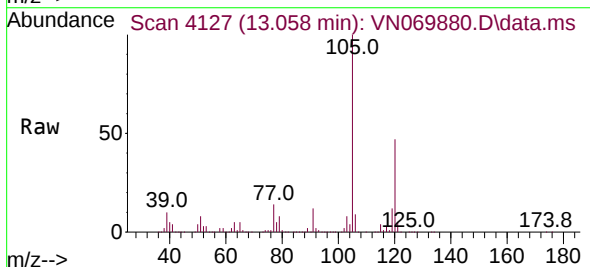
Manual Integrations
APPROVED

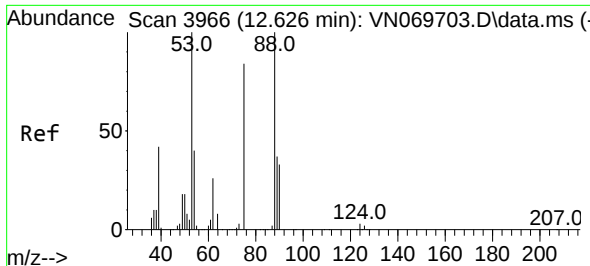
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.573 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

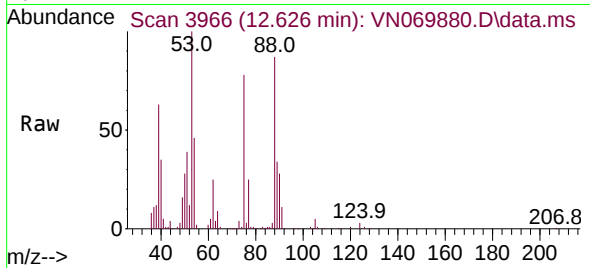
Tgt Ion:105 Resp: 910513
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.247 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

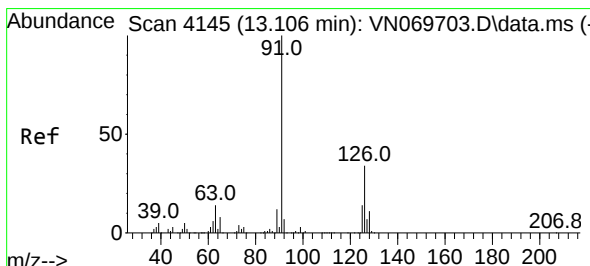
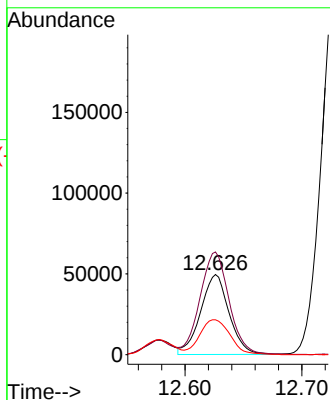
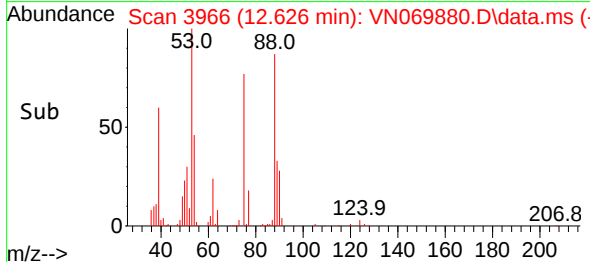
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion: 75 Resp: 83614
Ion Ratio Lower Upper
75 100
53 131.7 90.5 135.7
89 46.7 38.2 57.4

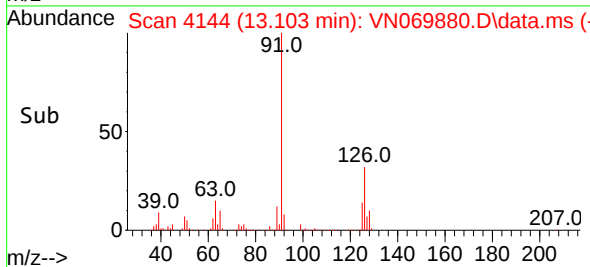
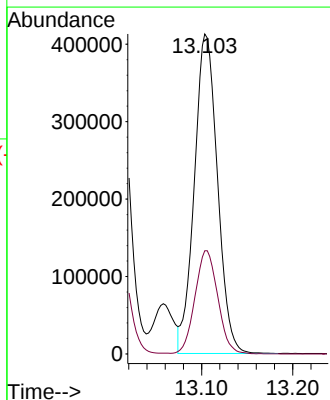
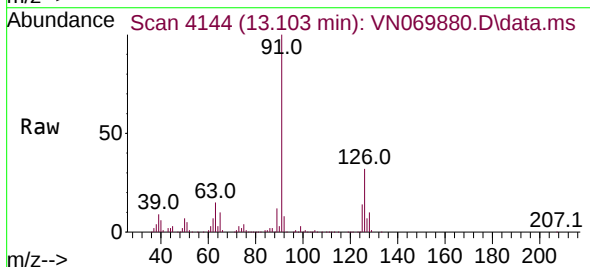
Manual Integrations
APPROVED

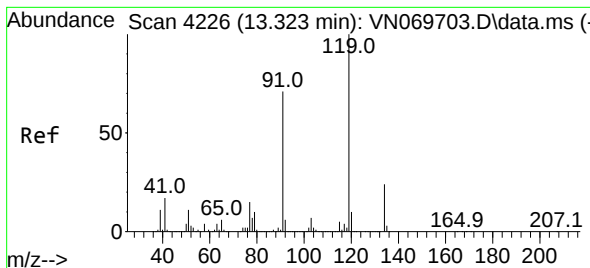
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 19.986 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

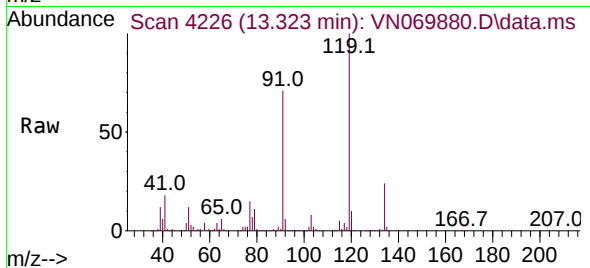
Tgt Ion: 91 Resp: 726687
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

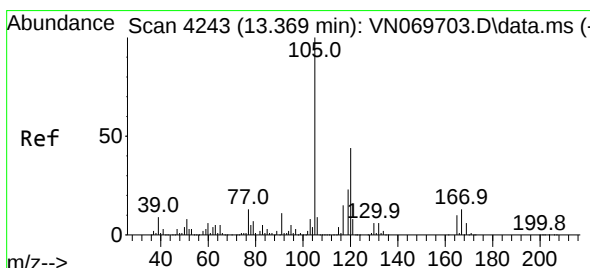
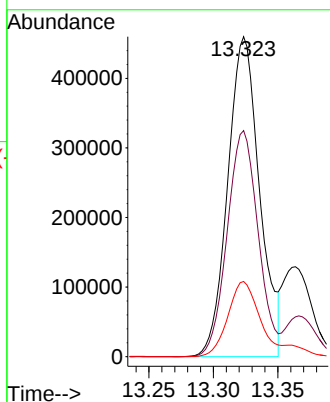
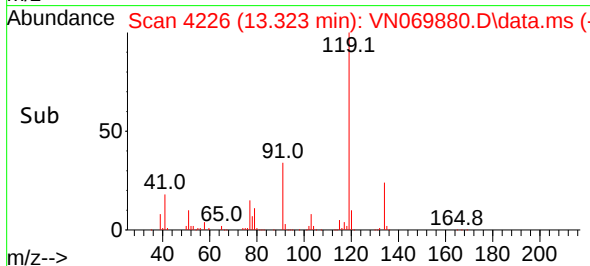
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion:119 Resp: 790000
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 23.4 12.4 37.4

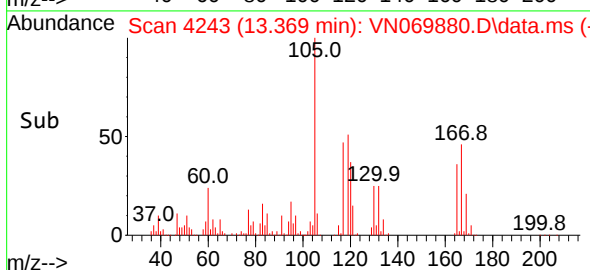
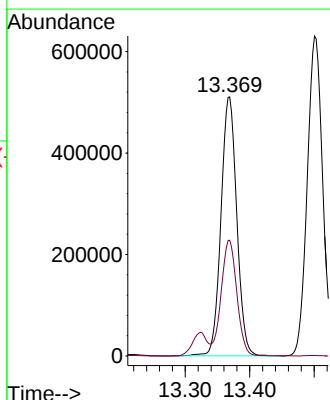
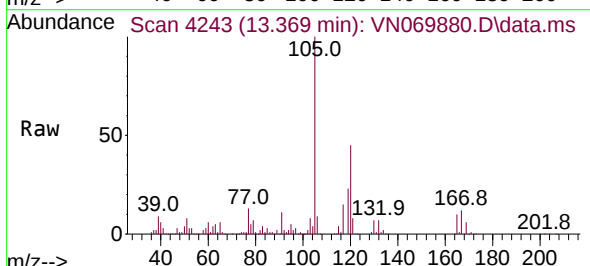
Manual Integrations
APPROVED

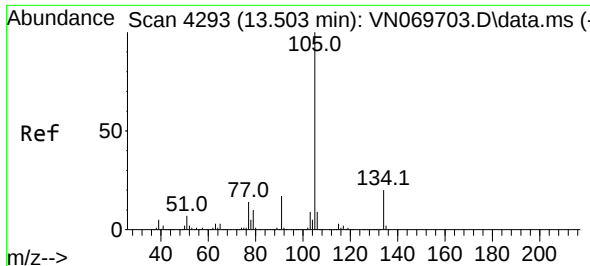
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.599 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Tgt Ion:105 Resp: 868232
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





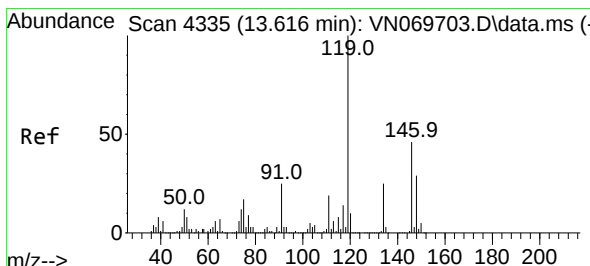
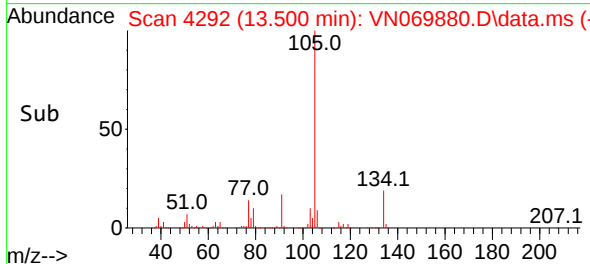
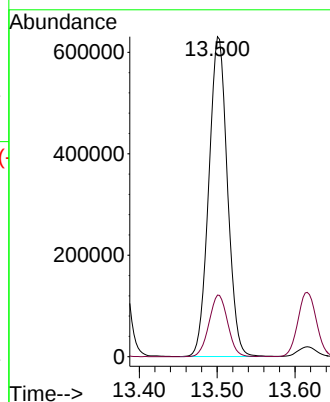
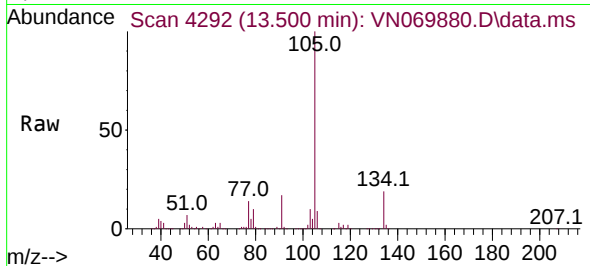
#85
 sec-Butylbenzene
 Concen: 19.667 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069880.D
 Acq: 9 Dec 2021 00:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tgt Ion:105 Resp: 1045409
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

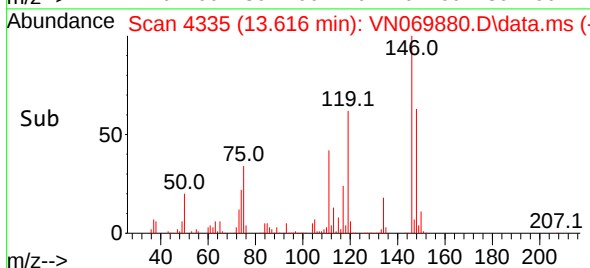
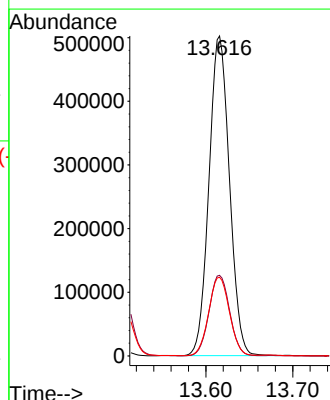
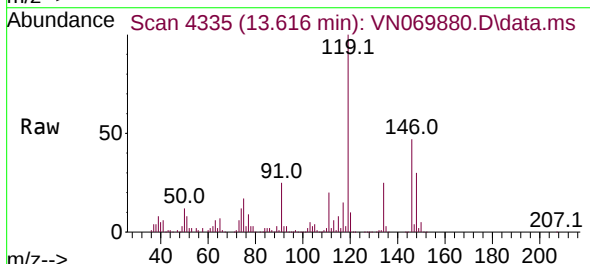
Manual Integrations
 APPROVED

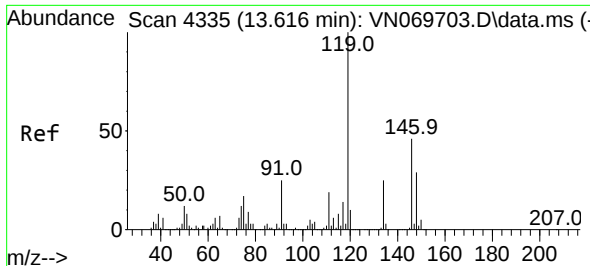
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 19.774 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069880.D
 Acq: 9 Dec 2021 00:07

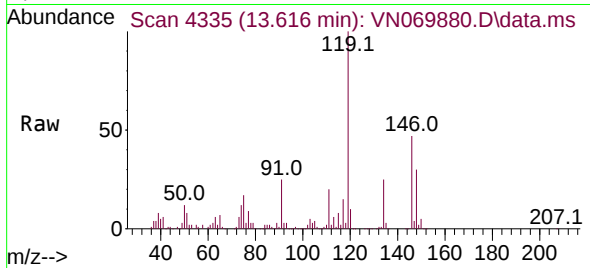
Tgt Ion:119 Resp: 821597
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.663 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

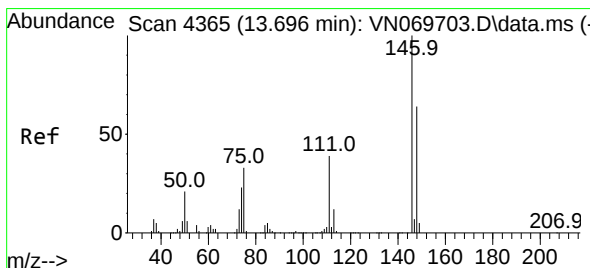
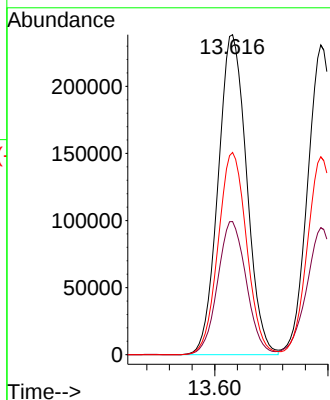
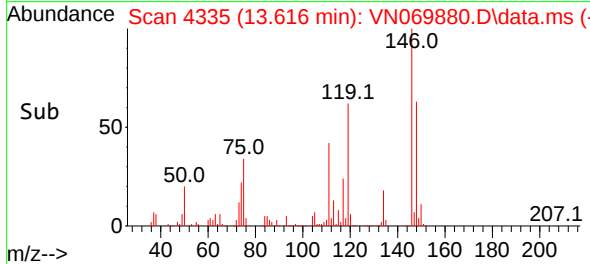
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



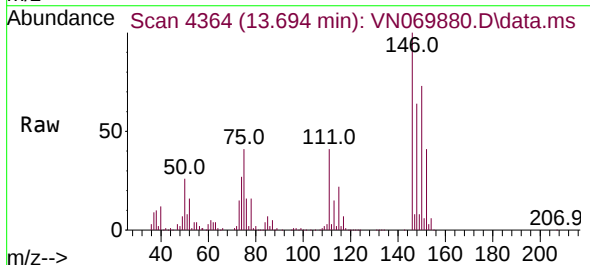
Tgt Ion:146 Resp: 417208
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.3 31.6 95.0

Manual Integrations
APPROVED

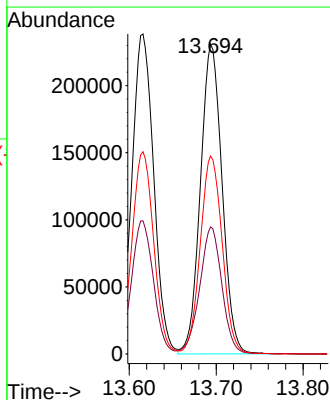
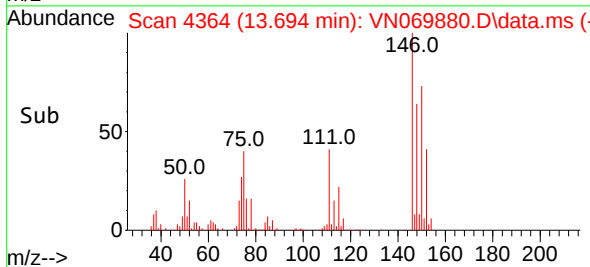
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

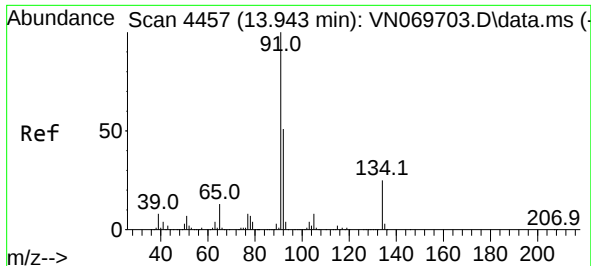


#88
1,4-Dichlorobenzene
Concen: 19.149 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



Tgt Ion:146 Resp: 399279
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 64.8 31.8 95.4





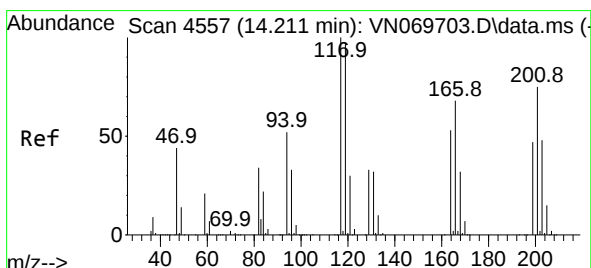
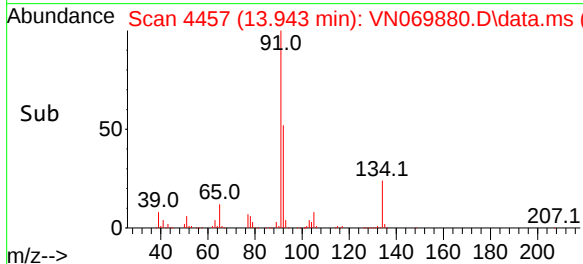
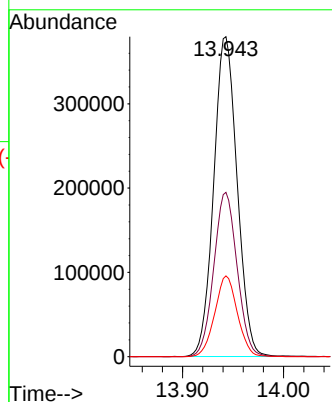
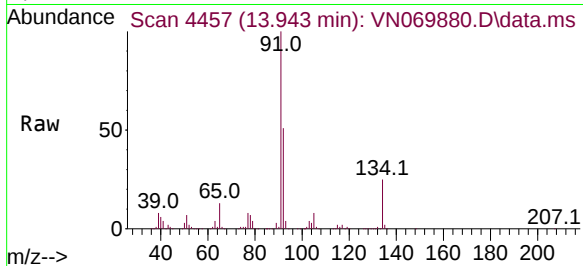
#89
n-Butylbenzene
Concen: 18.116 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 91 Resp: 610604
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.5 13.6 40.8

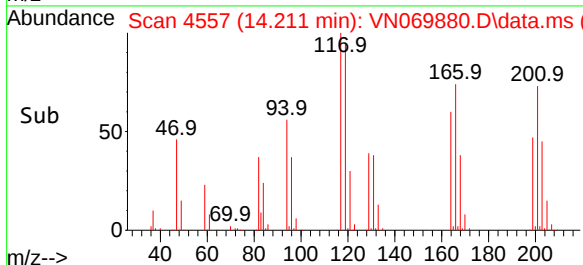
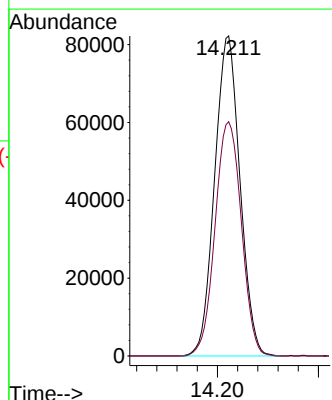
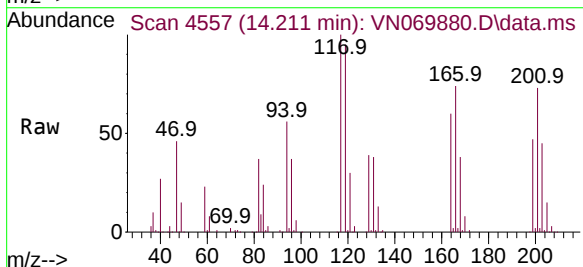
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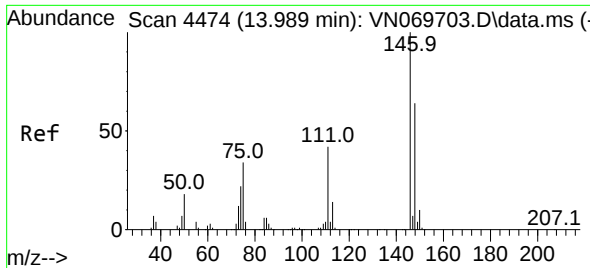
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 19.653 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

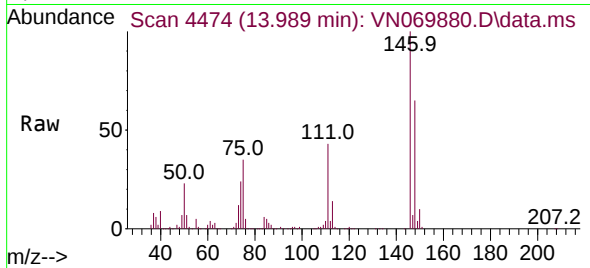
Tgt Ion:117 Resp: 143368
Ion Ratio Lower Upper
117 100
201 75.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.708 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

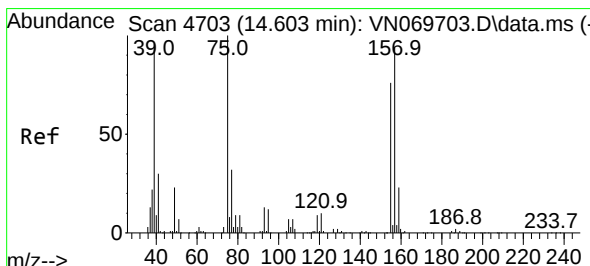
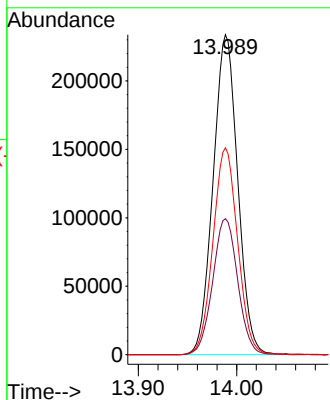
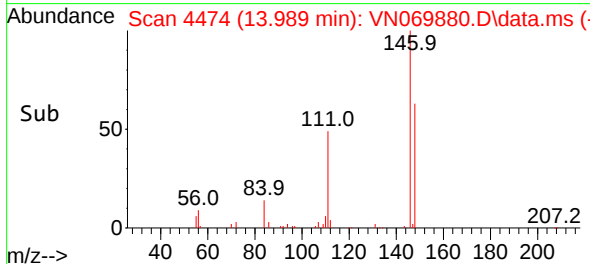
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



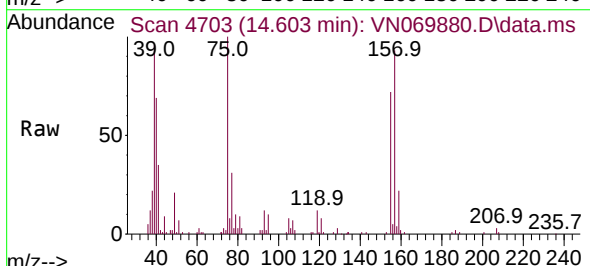
Tgt Ion:146 Resp: 407440
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.3
148 64.9 32.1 96.3

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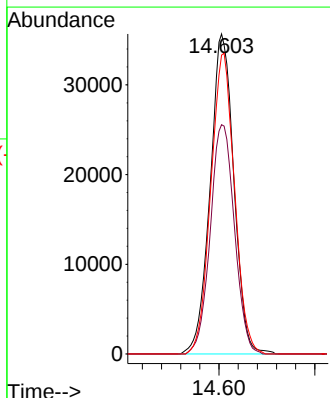
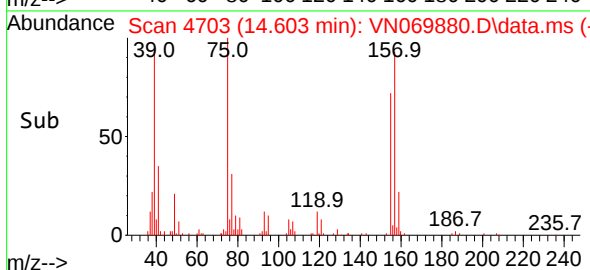
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

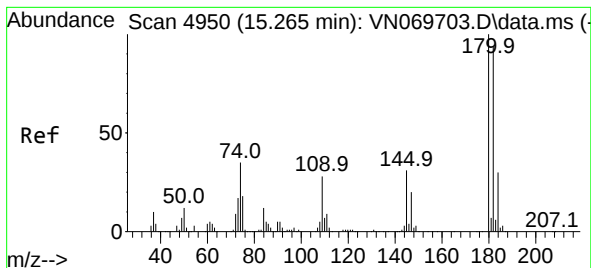


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.767 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



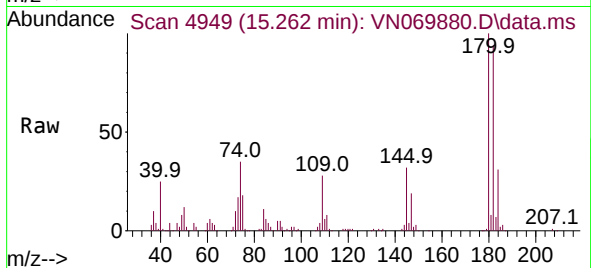
Tgt Ion: 75 Resp: 61044
Ion Ratio Lower Upper
75 100
155 73.1 46.9 140.7
157 93.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.426 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

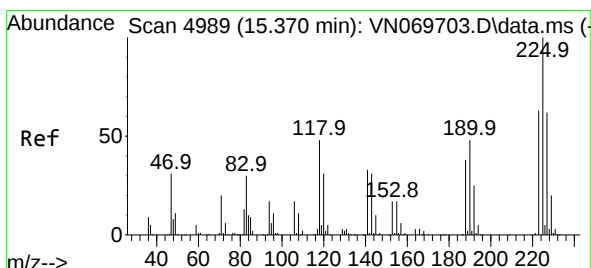
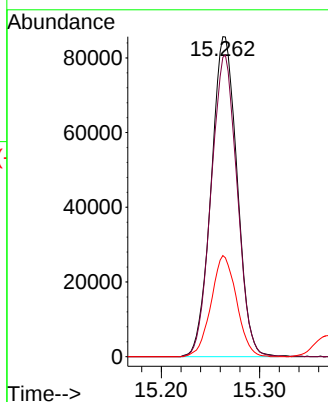
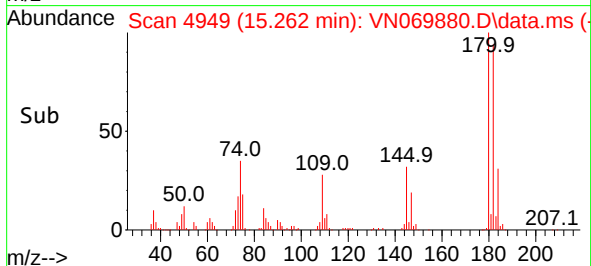
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



Tgt Ion:180 Resp: 156524
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 31.1 14.5 43.5

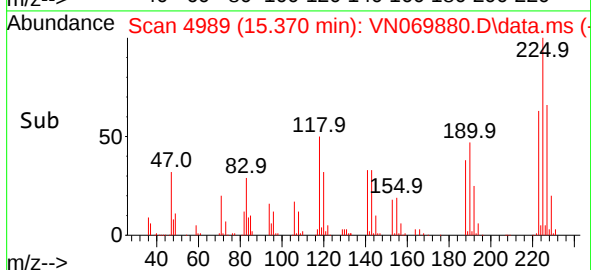
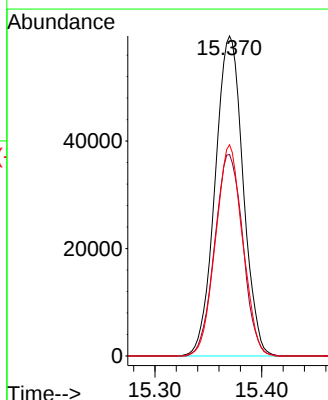
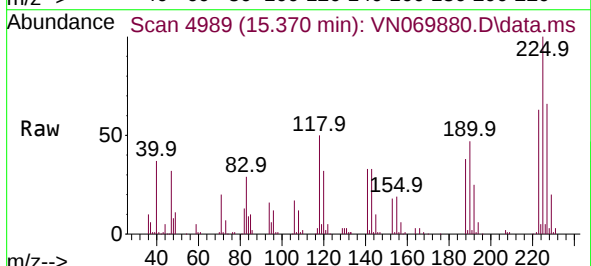
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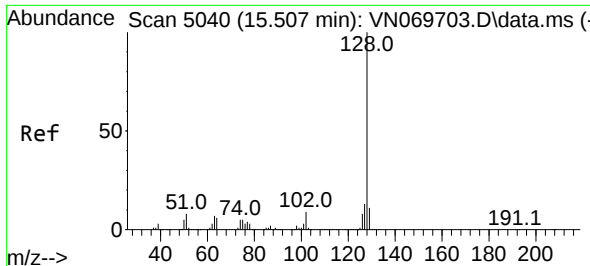
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#94
Hexachlorobutadiene
Concen: 19.756 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

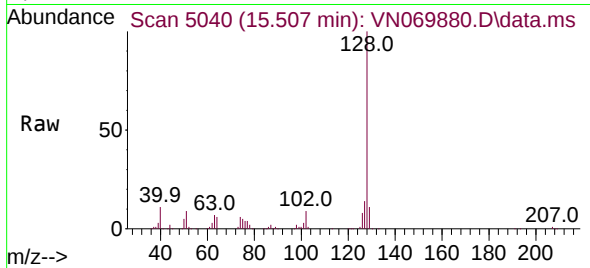
Tgt Ion:225 Resp: 108245
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 15.585 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07

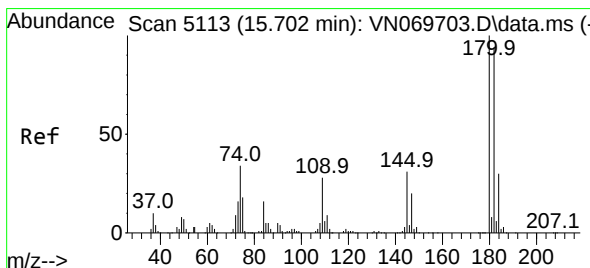
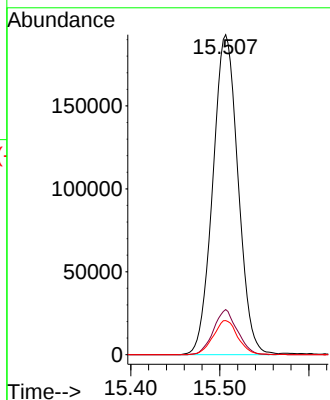
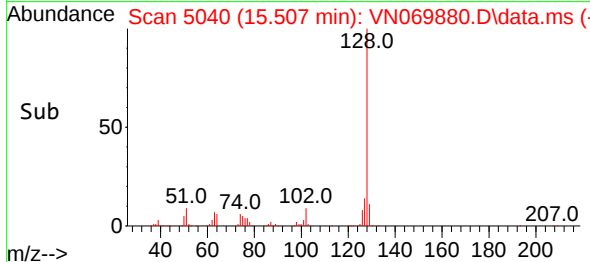
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02



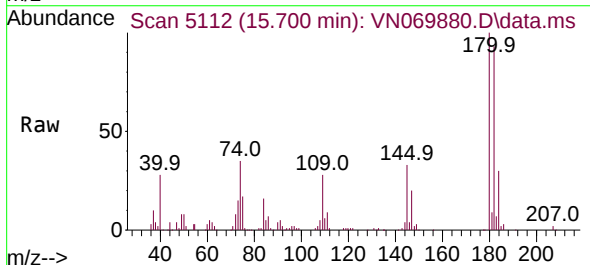
Tgt Ion:128 Resp: 380684
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.205 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069880.D
Acq: 9 Dec 2021 00:07



Tgt Ion:180 Resp: 153423
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 32.3 15.0 45.1

