

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069956.D
 Acq On : 10 Dec 2021 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 05:17:34 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	908371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1461185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1371673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	606687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	674696	48.106	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	8.021	113	469565	51.304	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.600%		
50) Toluene-d8	10.440	98	1820110	49.526	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.731	95	682769	51.282	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	558355	52.701	ug/l	99
3) Chloromethane	2.303	50	656808	49.483	ug/l	99
4) Vinyl Chloride	2.448	62	623793	51.111	ug/l	99
5) Bromomethane	2.842	94	376076	56.718	ug/l	100
6) Chloroethane	3.014	64	378691	50.634	ug/l	99
7) Trichlorofluoromethane	3.376	101	841380	52.526	ug/l	98
8) Diethyl Ether	3.824	74	336464	54.538	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	503429	56.067	ug/l	96
10) Methyl Iodide	4.419	142	648811	52.893	ug/l	98
11) Tert butyl alcohol	5.374	59	621961	234.604	ug/l	98
12) 1,1-Dichloroethene	4.178	96	465477	53.796	ug/l	86
13) Acrolein	4.038	56	597502	264.655	ug/l	99
14) Allyl chloride	4.840	41	1101593	56.500	ug/l	93
15) Acrylonitrile	5.554	53	1804981	252.664	ug/l	98
16) Acetone	4.285	43	2279537	270.189	ug/l	97
17) Carbon Disulfide	4.527	76	1281163	57.313	ug/l	100
18) Methyl Acetate	4.854	43	1291299	50.707	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1833433	54.496	ug/l	95
20) Methylene Chloride	5.092	84	577641	51.503	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	505633	53.802	ug/l	85
22) Diisopropyl ether	6.495	45	2168469	56.902	ug/l #	94
23) Vinyl Acetate	6.433	43	9025090	291.096	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1096904	55.565	ug/l	97
25) 2-Butanone	7.335	43	2889784	252.092	ug/l	92
26) 2,2-Dichloropropane	7.324	77	917186	59.756	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	607486	53.501	ug/l	84
28) Bromochloromethane	7.659	49	523235	50.970	ug/l #	76
29) Tetrahydrofuran	7.686	42	1710578	245.747	ug/l	87
30) Chloroform	7.817	83	1086756	54.510	ug/l	100
31) Cyclohexane	8.094	56	1012130	51.855	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	952211	56.070	ug/l	95
36) 1,1-Dichloropropene	8.220	75	796717	57.276	ug/l	96
37) Ethyl Acetate	7.412	43	1077396	52.040	ug/l	95
38) Carbon Tetrachloride	8.206	117	823659	60.383	ug/l	99
39) Methylcyclohexane	9.459	83	957542	57.873	ug/l	89
40) Benzene	8.458	78	2370439	55.752	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	541917	55.760	ug/l	88
42) 1,2-Dichloroethane	8.531	62	960019	55.934	ug/l	96
43) Isopropyl Acetate	8.560	43	1698949	55.453	ug/l #	93
44) Trichloroethene	9.215	130	562022	55.382	ug/l	89
45) 1,2-Dichloropropane	9.488	63	656545	57.503	ug/l	99
46) Dibromomethane	9.577	93	422859	56.472	ug/l	92
47) Bromodichloromethane	9.762	83	892662	62.964	ug/l	99
48) Methyl methacrylate	9.558	41	789588	55.224	ug/l	86
49) 1,4-Dioxane	9.569	88	248574	968.925	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5485472	275.993	ug/l	95
52) Toluene	10.505	92	1456808	56.122	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	959382	55.905	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1008281	56.080	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	591153	56.443	ug/l	98
56) Ethyl methacrylate	10.759	69	1009582	51.038	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1046874	56.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1298907	243.883	ug/l	90
59) 2-Hexanone	11.084	43	4111682	273.472	ug/l	92
60) Dibromochloromethane	11.237	129	645553	57.169	ug/l	100
61) 1,2-Dibromoethane	11.347	107	606703	55.928	ug/l	100
64) Tetrachloroethene	10.977	164	471465	50.690	ug/l	95
65) Chlorobenzene	11.771	112	1550866	55.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	589052	60.142	ug/l	100
67) Ethyl Benzene	11.843	91	2935141	58.067	ug/l	96
68) m/p-Xylenes	11.953	106	2142983	116.437	ug/l	91
69) o-Xylene	12.280	106	1061976	57.285	ug/l	91
70) Styrene	12.294	104	1777236	60.457	ug/l	95
71) Bromoform	12.457	173	498104	58.944	ug/l #	100
73) Isopropylbenzene	12.578	105	2821858	52.278	ug/l	98
74) N-amyl acetate	12.387	43	1315823	55.122	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	939679	50.342	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	808502m	46.470	ug/l	
77) Bromobenzene	12.859	156	649908	51.260	ug/l	77
78) n-propylbenzene	12.921	91	3335418	55.529	ug/l	96
79) 2-Chlorotoluene	13.007	91	1997346	52.626	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2342402	53.915	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	298950	55.730	ug/l	97
82) 4-Chlorotoluene	13.104	91	1968386	55.148	ug/l	92
83) tert-Butylbenzene	13.323	119	2019528	52.496	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2313088	55.904	ug/l	97
85) sec-Butylbenzene	13.500	105	2877803	55.150	ug/l	98
86) p-Isopropyltoluene	13.616	119	2337255	57.303	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1140904	54.775	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1100169	53.747	ug/l	97
89) n-Butylbenzene	13.943	91	2015183	60.906	ug/l	97
90) Hexachloroethane	14.208	117	460355	64.285	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1079534	53.193	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	183357	54.362	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	548954	54.854	ug/l	98
94) Hexachlorobutadiene	15.370	225	322815	60.019	ug/l	100
95) Naphthalene	15.507	128	1457134	49.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	525727	53.990	ug/l	99

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ClientSampleId :
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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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

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ClientSampleId :

VSTDCCC050

Manual Integrations

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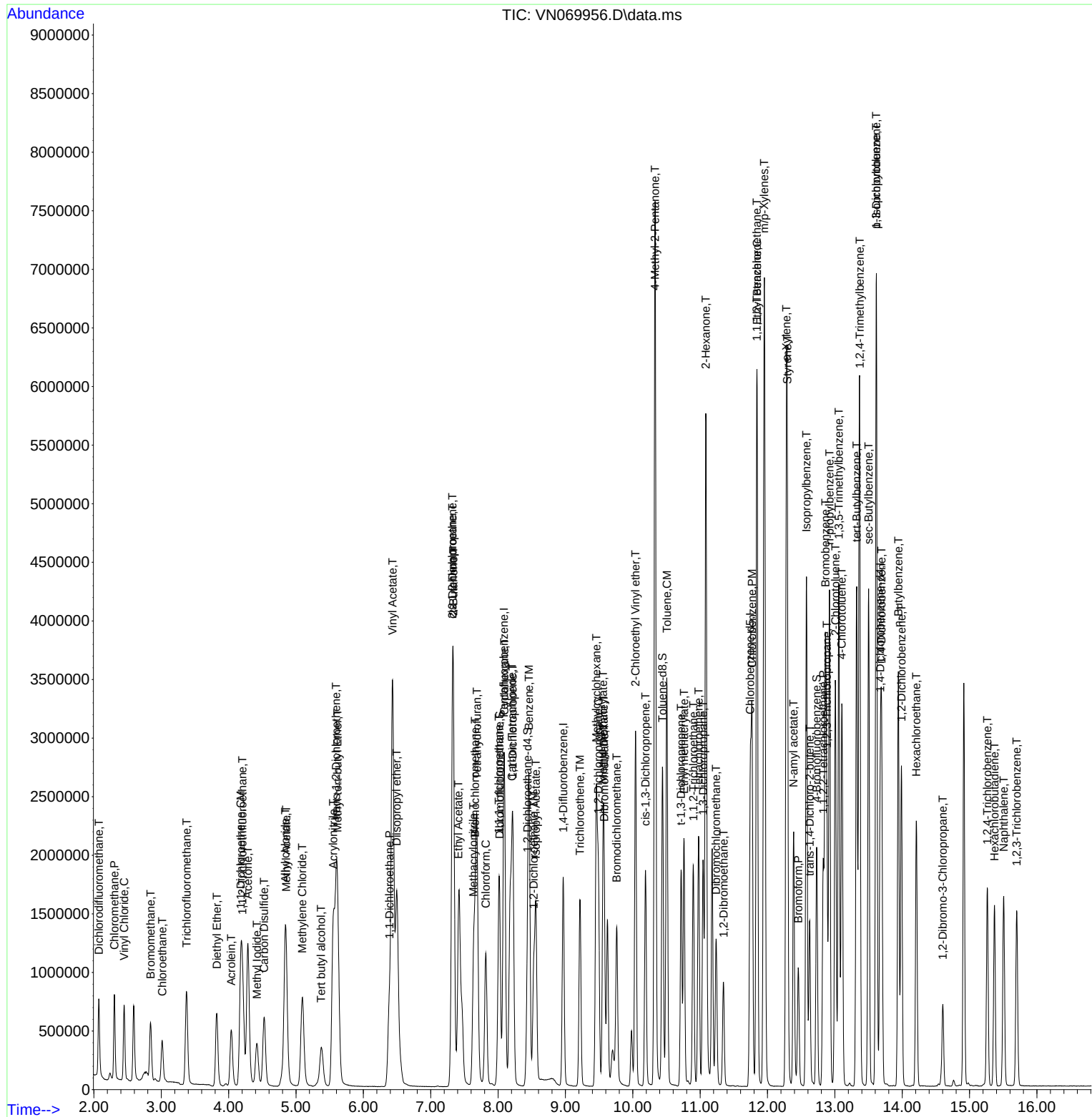
Quant Time: Dec 11 05:17:34 2021

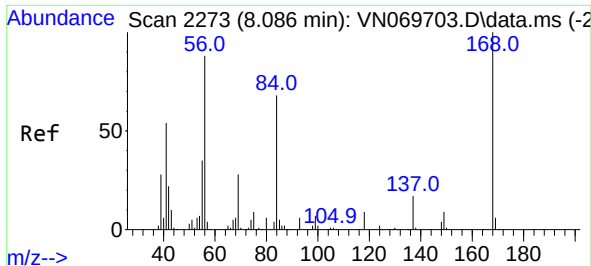
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Quant Title : SW846 8260

QLast Update : Fri Dec 03 08:46:47 2021

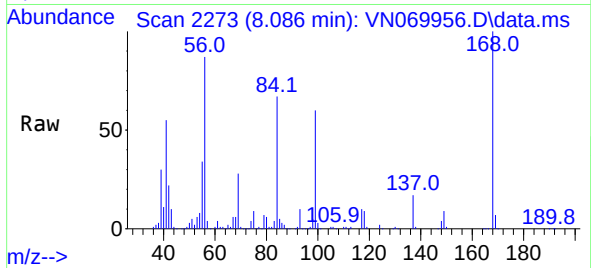
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069956.D
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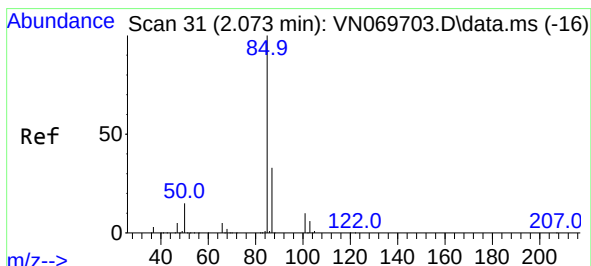
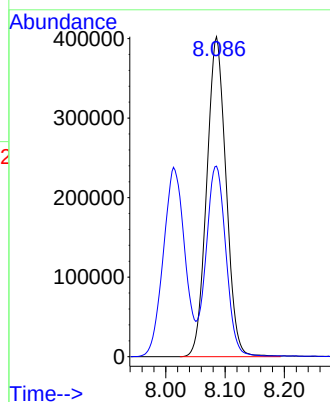
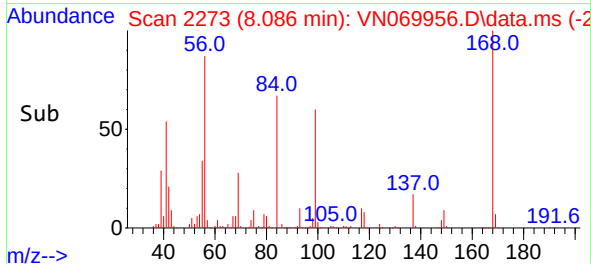
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Tgt Ion:168 Resp: 90837
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9

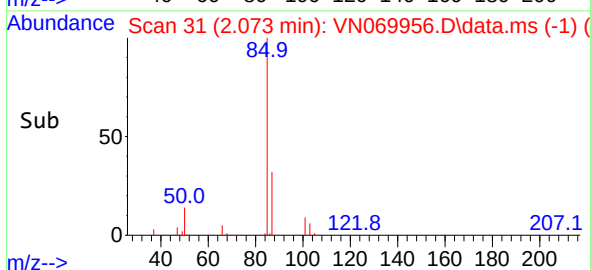
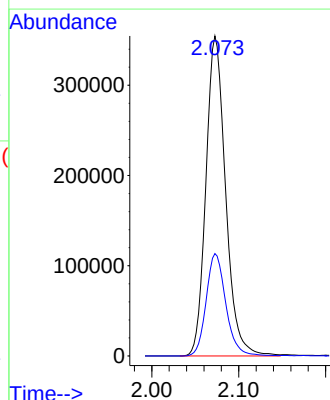
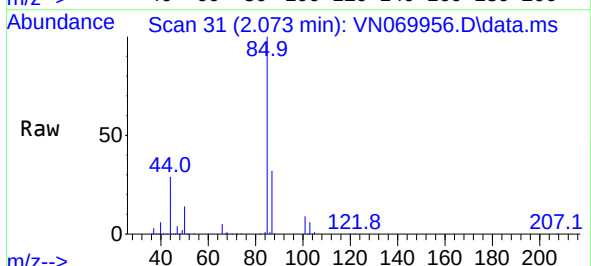
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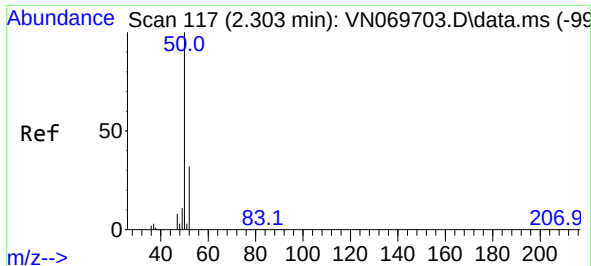
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#2
Dichlorodifluoromethane
Concen: 52.701 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

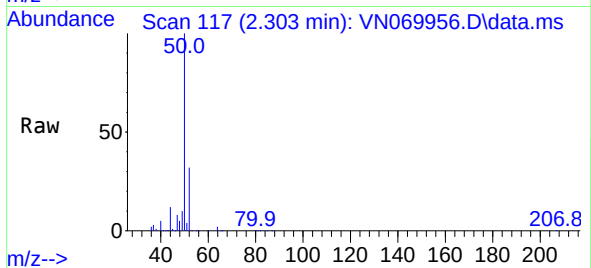
Tgt Ion: 85 Resp: 558355
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 49.483 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

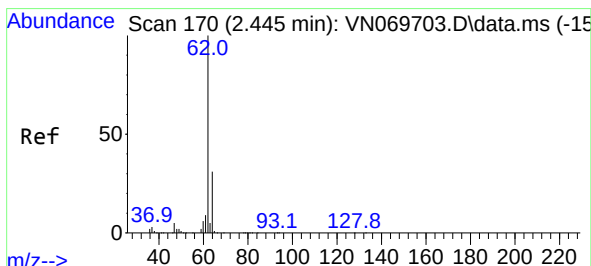
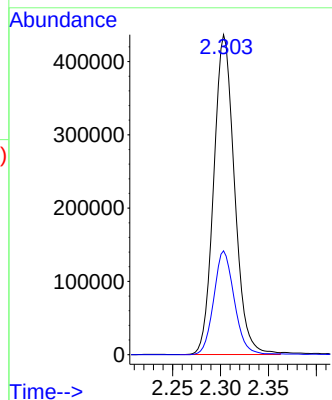
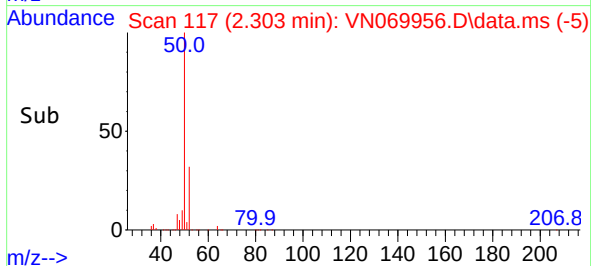
Instrument :
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Tgt Ion: 50 Resp: 656808
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

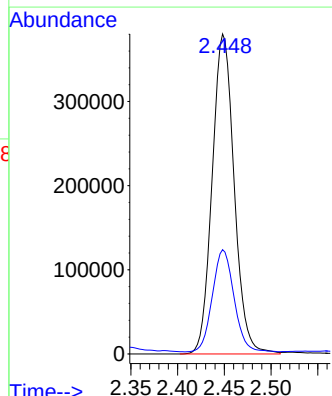
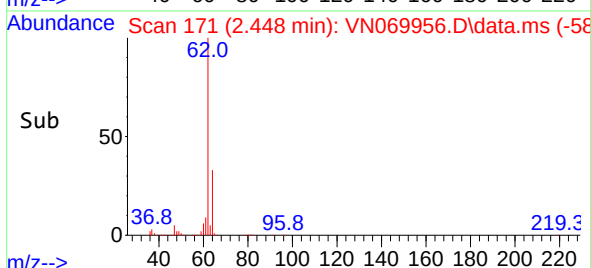
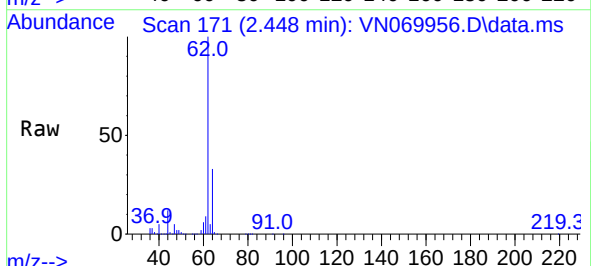
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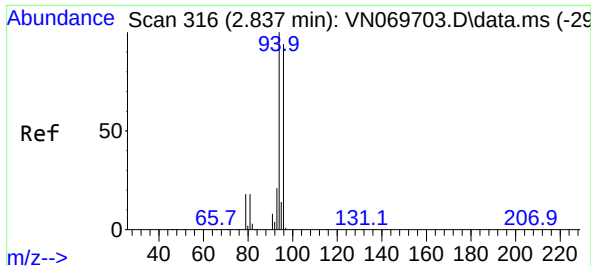
Reviewed By :John Carlone 12/11/2021
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#4
Vinyl Chloride
Concen: 51.111 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

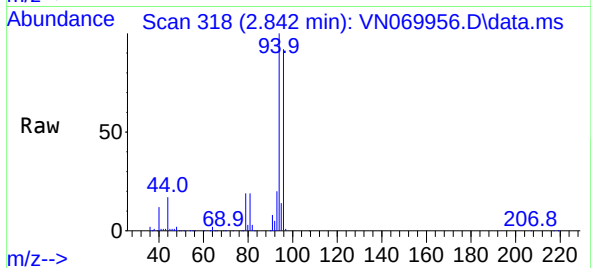
Tgt Ion: 62 Resp: 623793
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 56.718 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

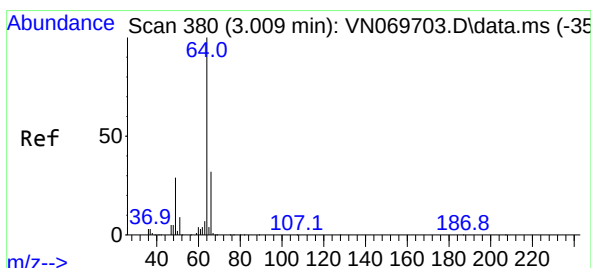
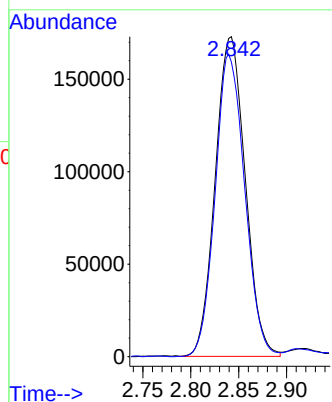
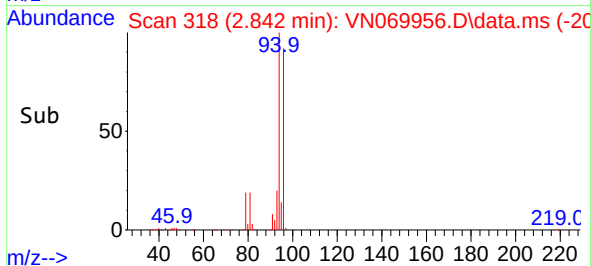
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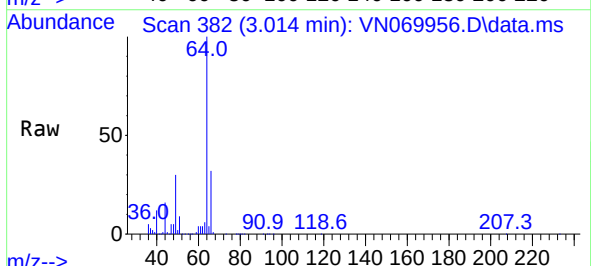
Tgt Ion: 94 Resp: 376070
Ion Ratio Lower Upper
94 100
96 92.1 73.8 110.8

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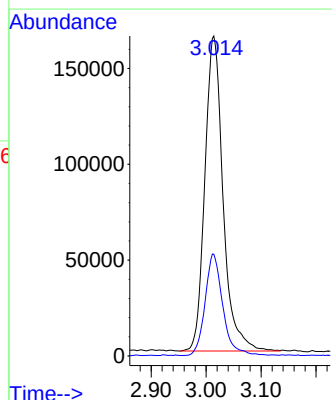
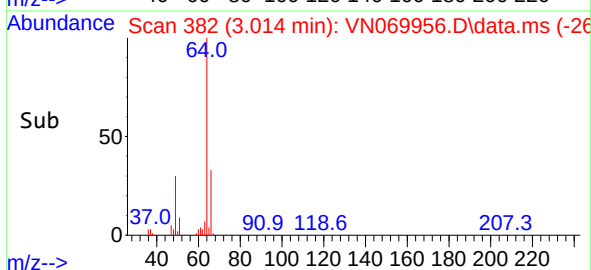
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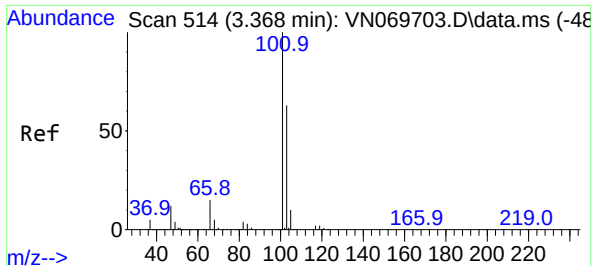


#6
Chloroethane
Concen: 50.634 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.005 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion: 64 Resp: 378691
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





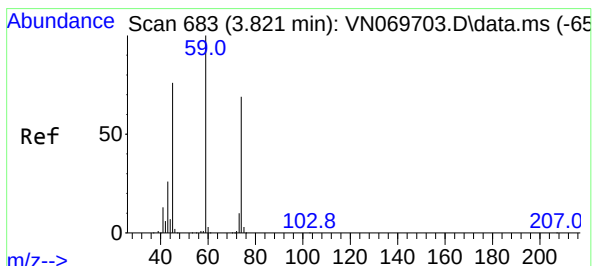
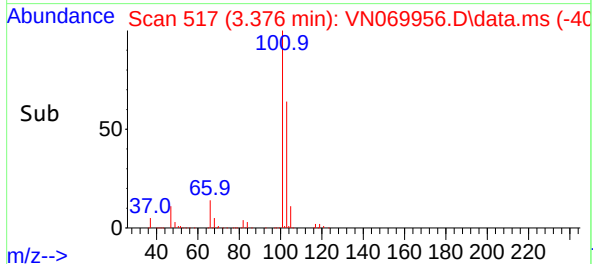
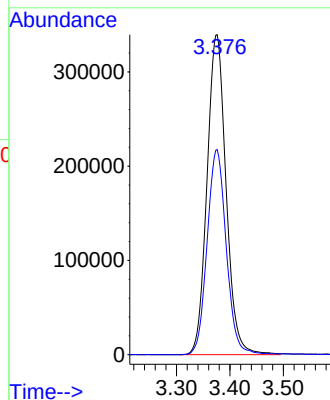
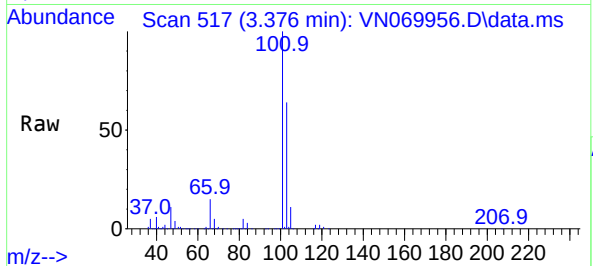
#7
Trichlorofluoromethane
Concen: 52.526 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :
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Tgt Ion:101 Resp: 841380
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

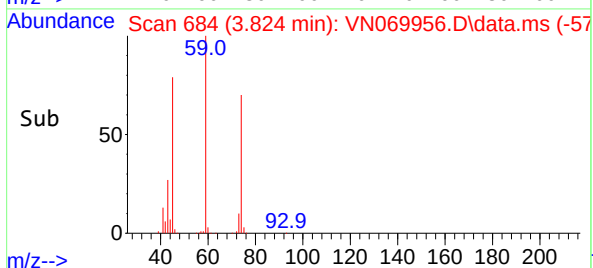
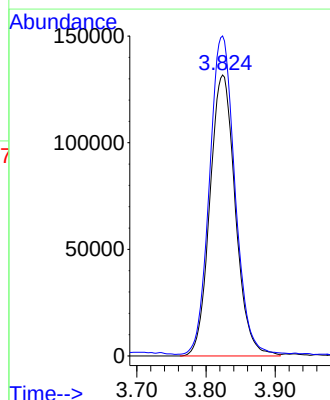
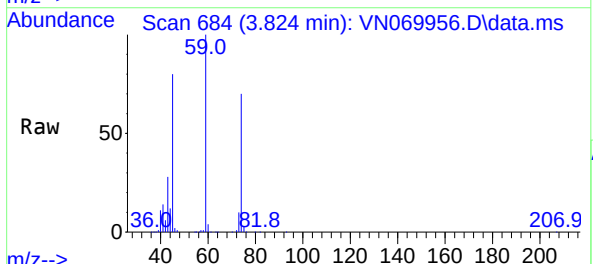
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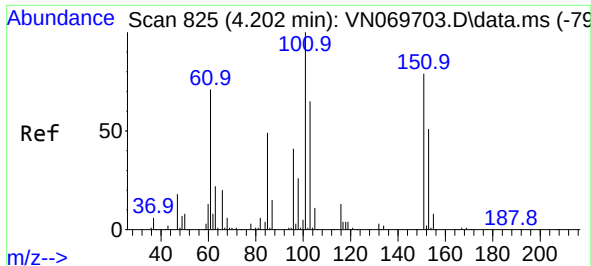
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 54.538 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion: 74 Resp: 336464
Ion Ratio Lower Upper
74 100
45 113.0 47.0 141.2





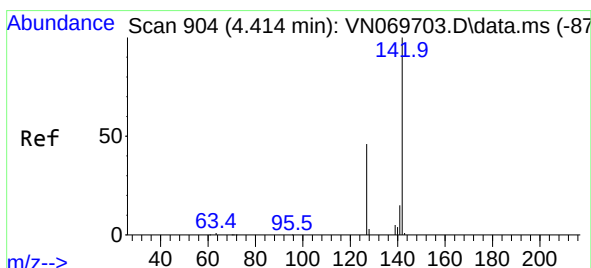
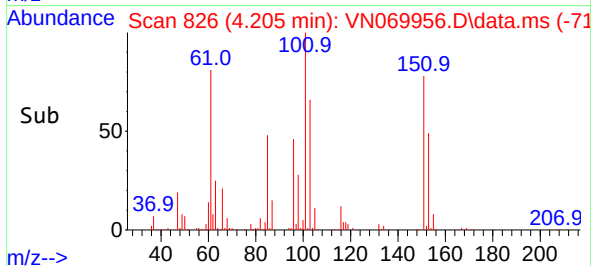
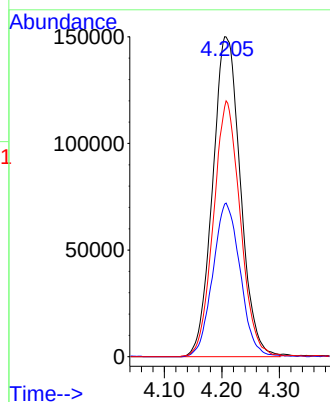
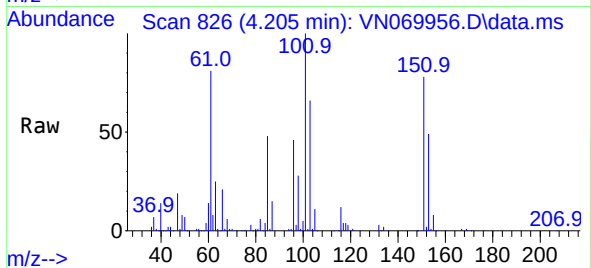
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.067 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 503429
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 77.2 65.9 98.9

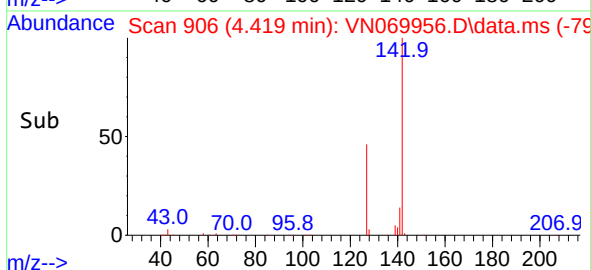
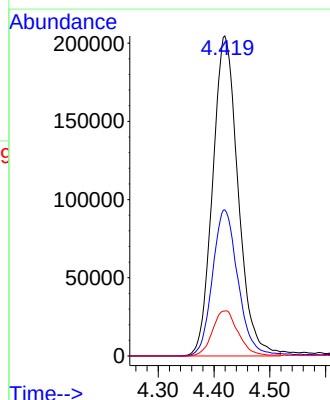
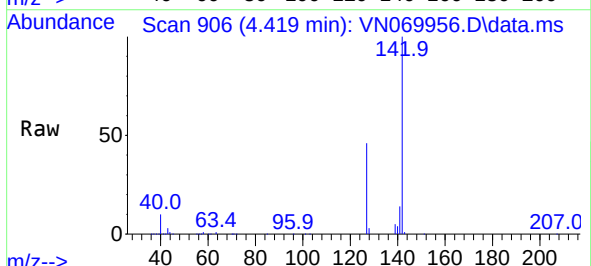
Manual Integrations
APPROVED

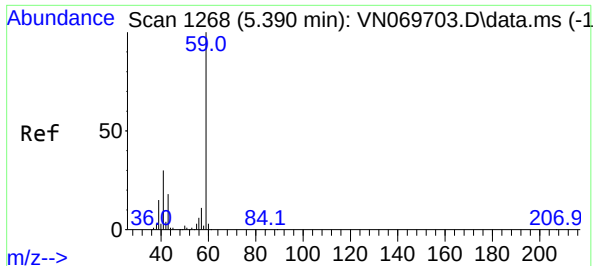
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 52.893 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

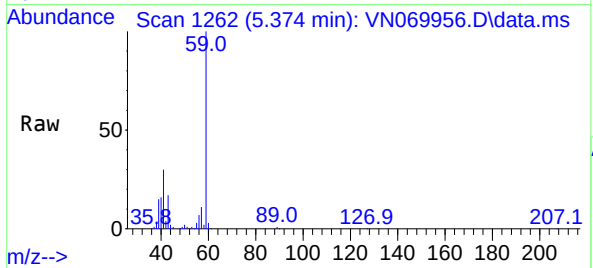
Tgt Ion:142 Resp: 648811
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 234.604 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

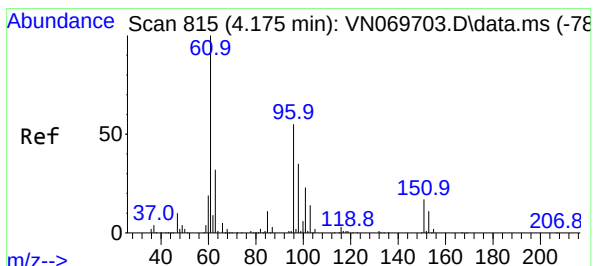
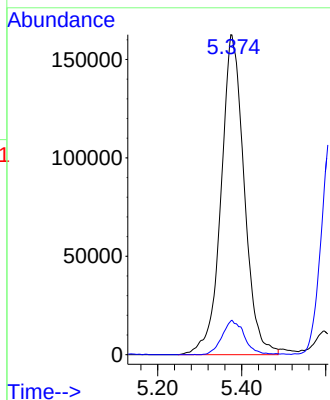
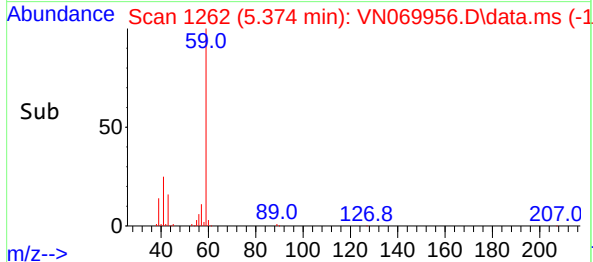
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



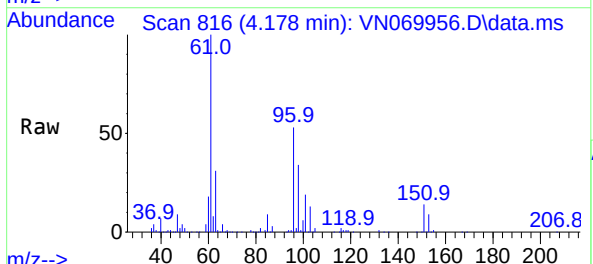
Tgt Ion: 59 Resp: 62196
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
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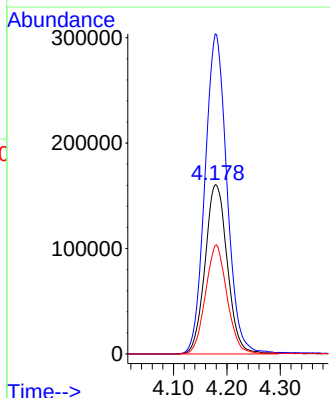
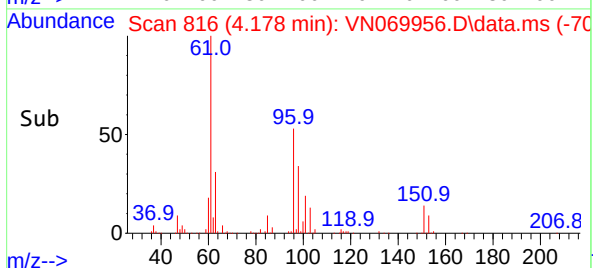
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

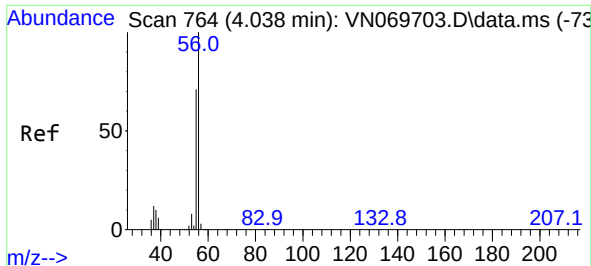


#12
1,1-Dichloroethene
Concen: 53.796 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



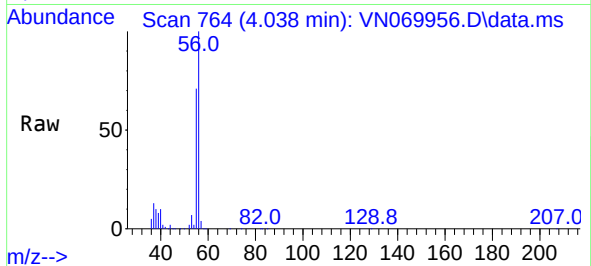
Tgt Ion: 96 Resp: 465477
Ion Ratio Lower Upper
96 100
61 188.9 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 264.655 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

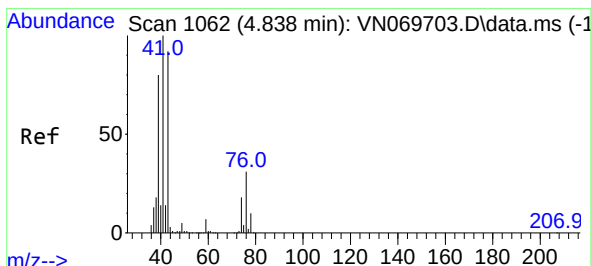
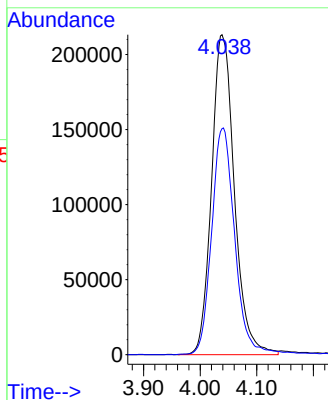
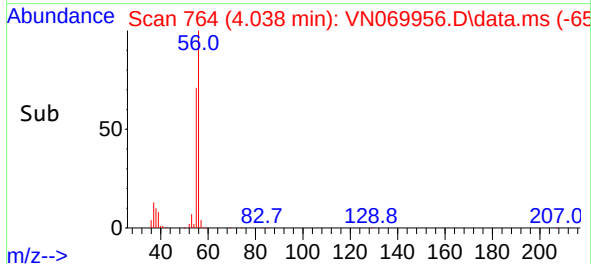
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



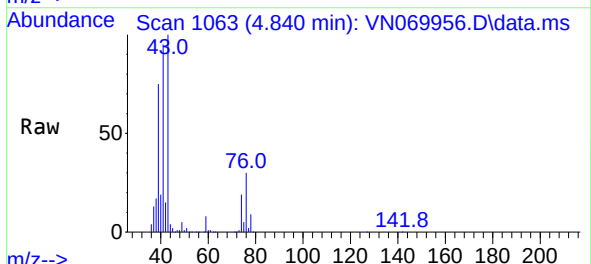
Tgt Ion: 56 Resp: 597502
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
APPROVED

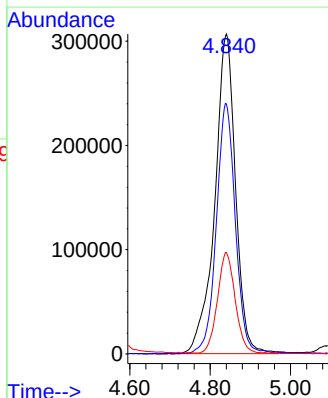
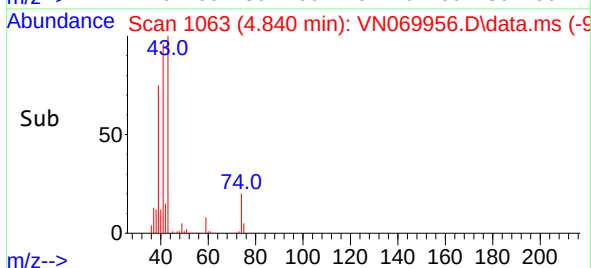
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

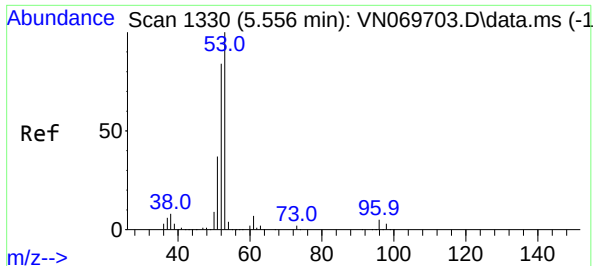


#14
Allyl chloride
Concen: 56.500 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



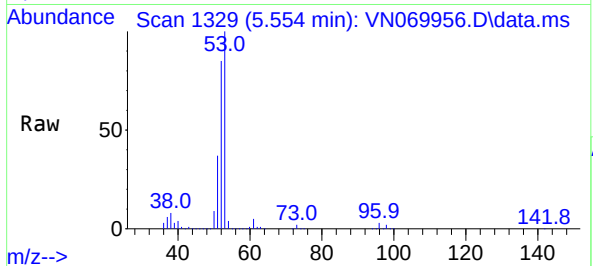
Tgt Ion: 41 Resp: 1101593
Ion Ratio Lower Upper
41 100
39 71.4 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 252.664 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

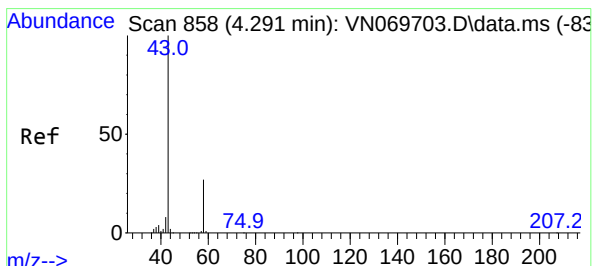
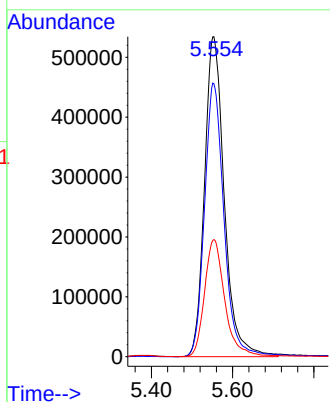
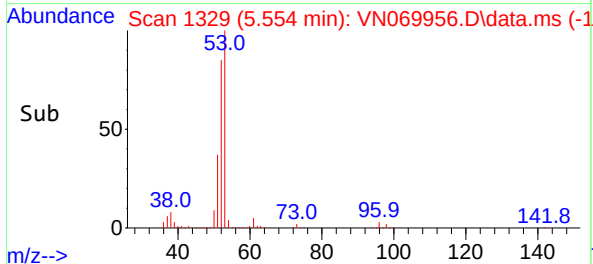
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 180498
Ion Ratio Lower Upper
53 100
52 84.4 66.2 99.2
51 37.6 29.6 44.4

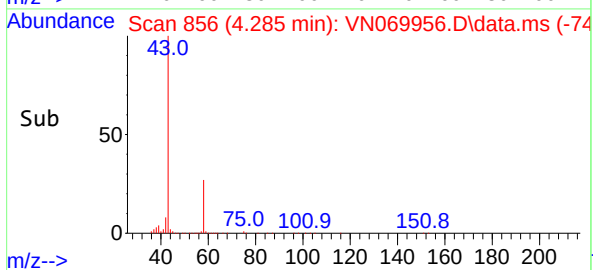
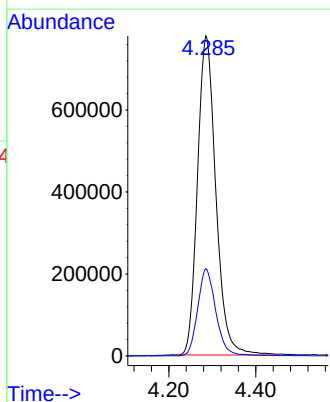
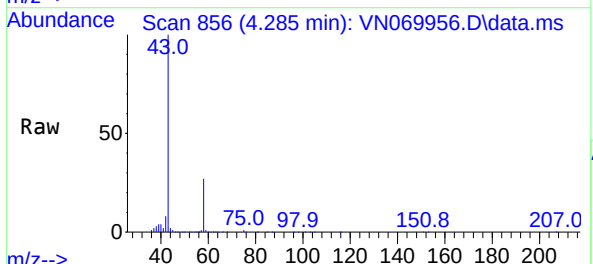
Manual Integrations
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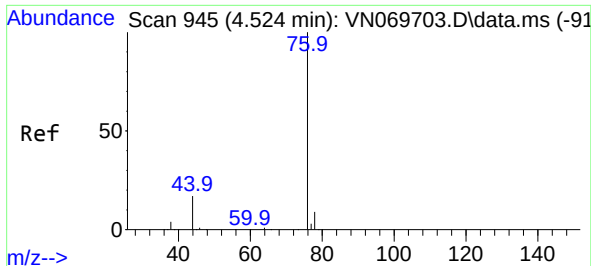
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 270.189 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

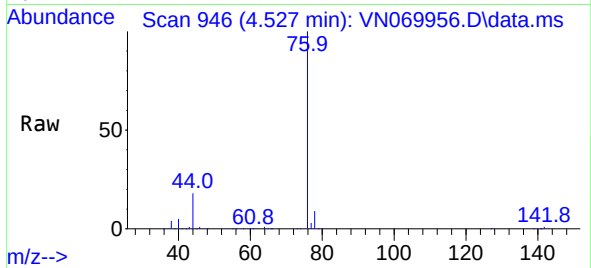
Tgt Ion: 43 Resp: 2279537
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 57.313 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

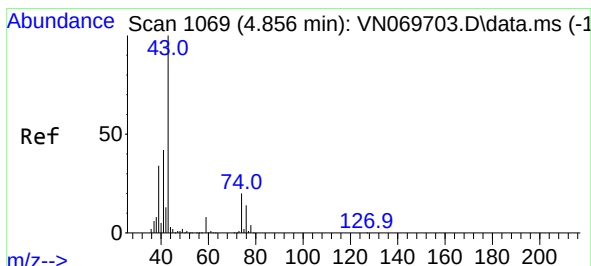
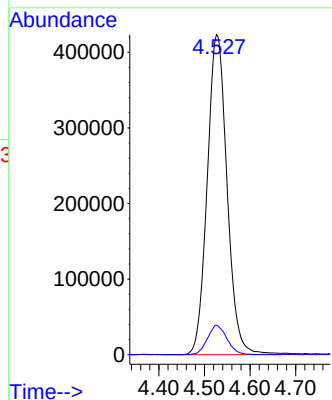
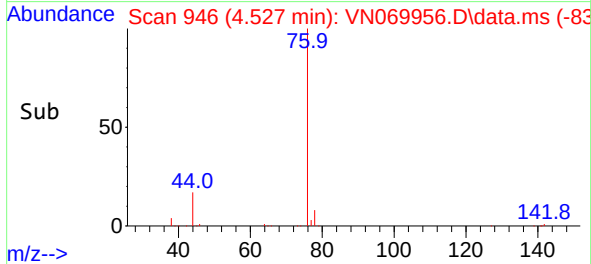
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



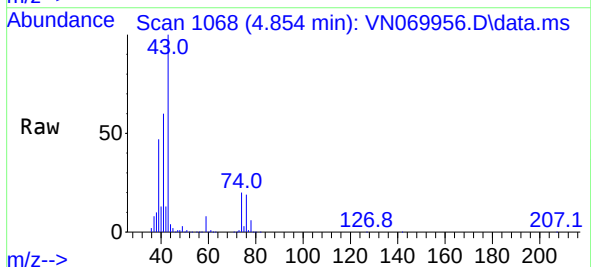
Tgt Ion: 76 Resp: 128116
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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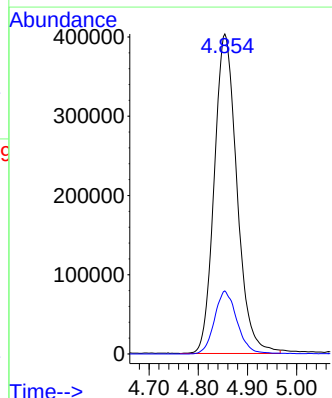
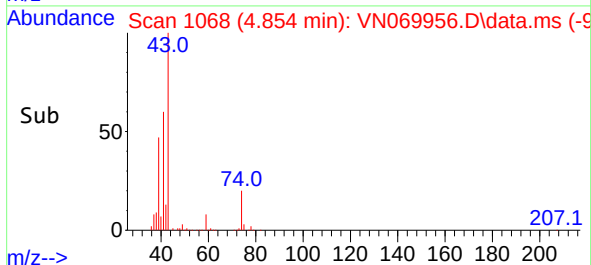
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

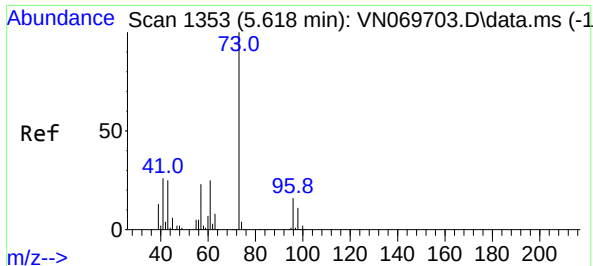


#18
Methyl Acetate
Concen: 50.707 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



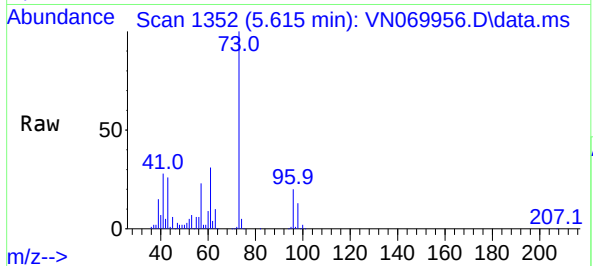
Tgt Ion: 43 Resp: 1291299
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.496 ug/l
RT: 5.615 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

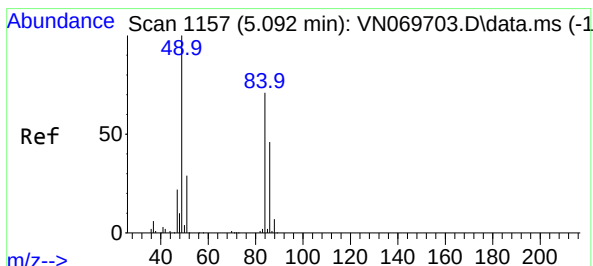
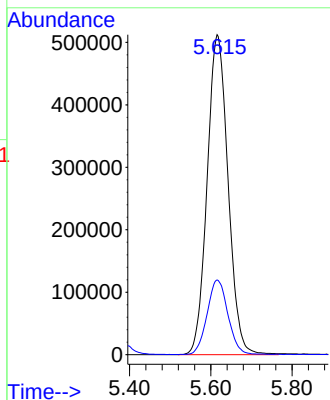
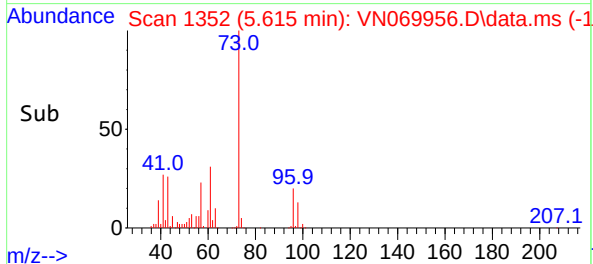
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 183343
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

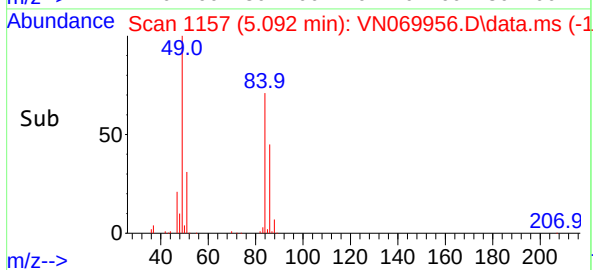
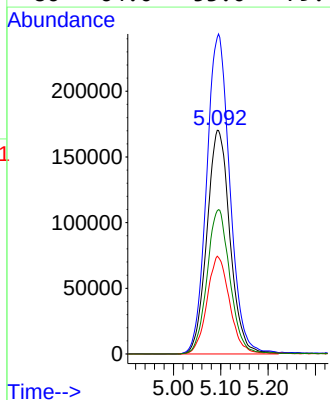
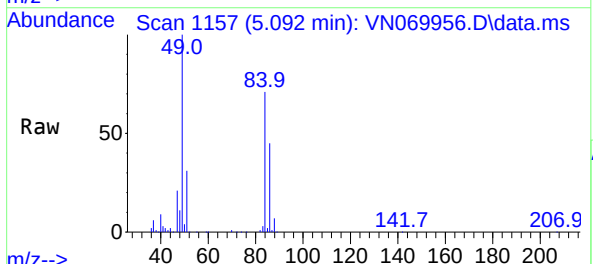
Manual Integrations
APPROVED

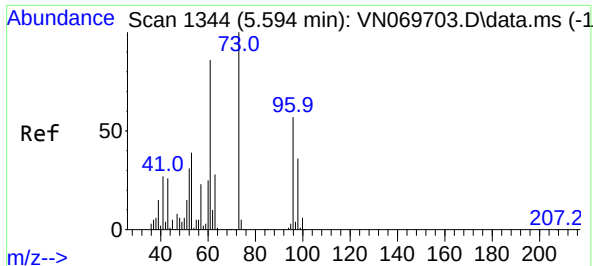
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 51.503 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

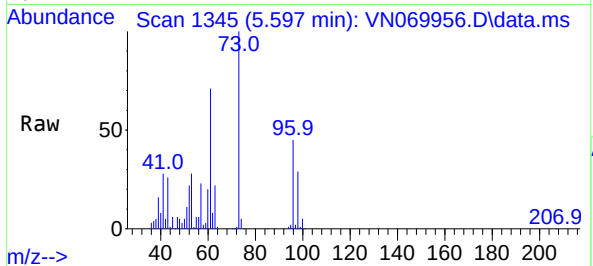
Tgt Ion: 84 Resp: 577641
Ion Ratio Lower Upper
84 100
49 141.4 93.5 140.3#
51 43.6 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 53.802 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

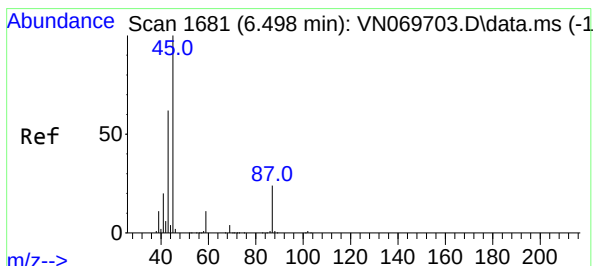
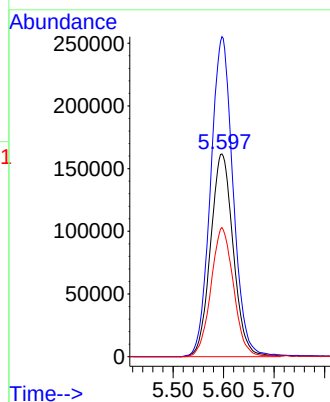
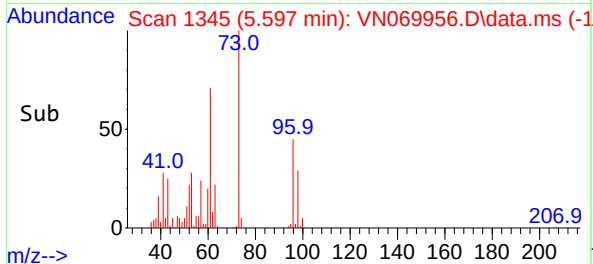
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 50563
Ion Ratio Lower Upper
96 100
61 157.8 105.8 158.6
98 63.7 52.0 78.0

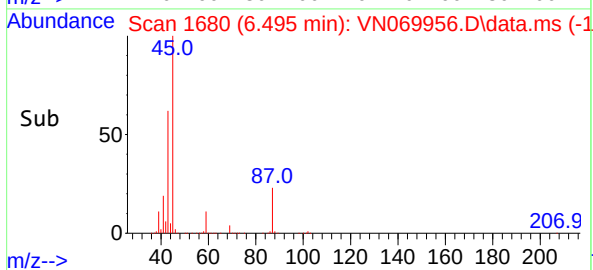
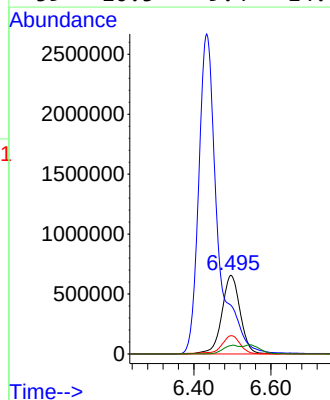
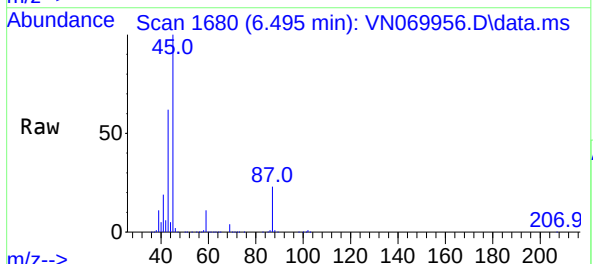
Manual Integrations
APPROVED

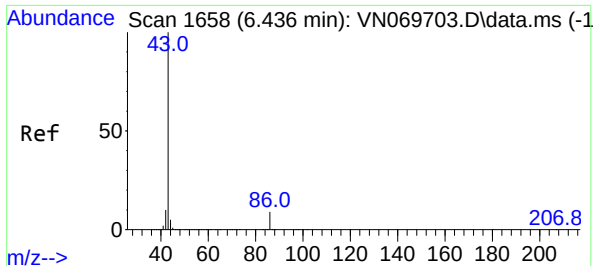
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 56.902 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion: 45 Resp: 2168469
Ion Ratio Lower Upper
45 100
43 61.9 51.7 77.5
87 23.1 23.2 34.8#
59 10.5 9.4 14.0





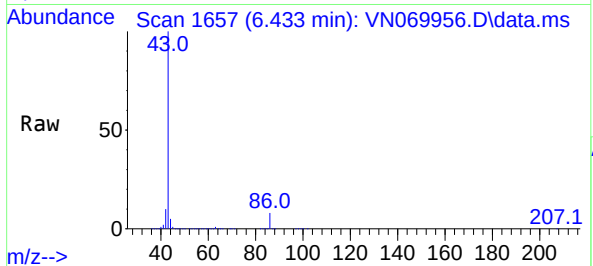
#23
 Vinyl Acetate
 Concen: 291.096 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069956.D
 Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

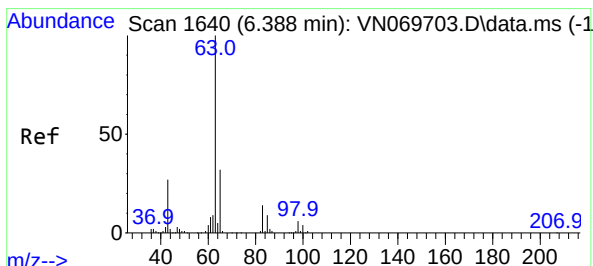
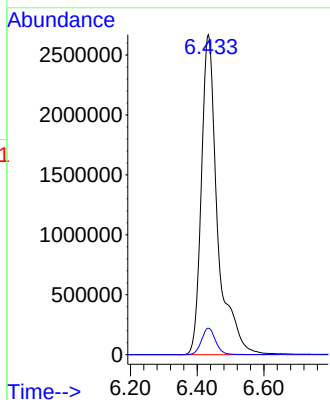
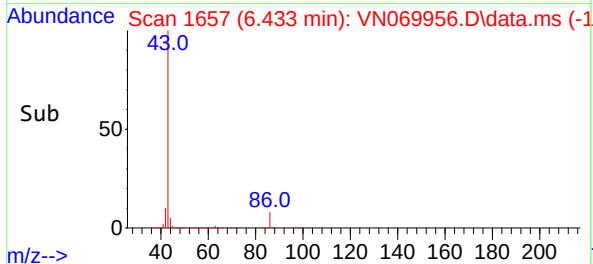


Tgt Ion: 43 Resp: 9025090
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

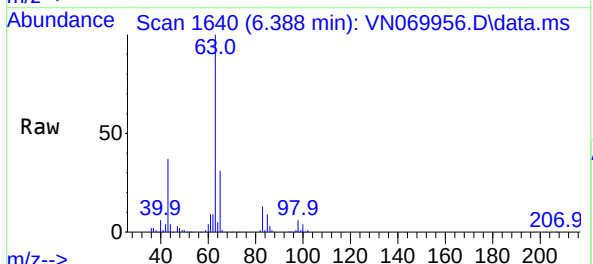
Manual Integrations

APPROVED

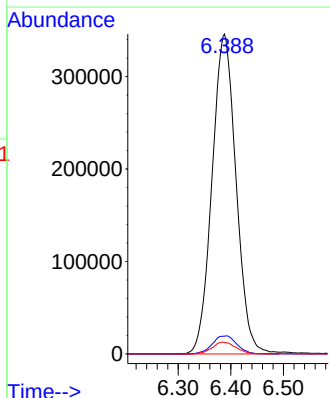
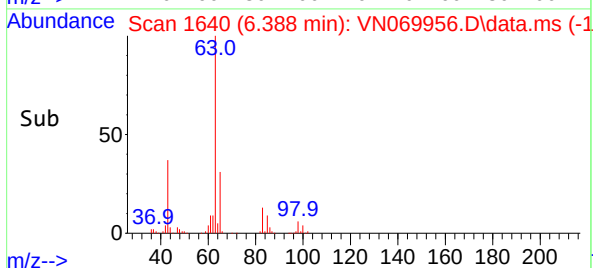
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021

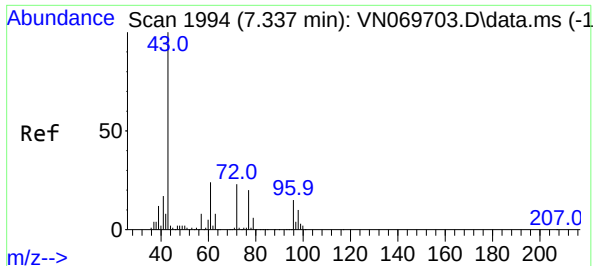


#24
 1,1-Dichloroethane
 Concen: 55.565 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069956.D
 Acq: 10 Dec 2021 12:13



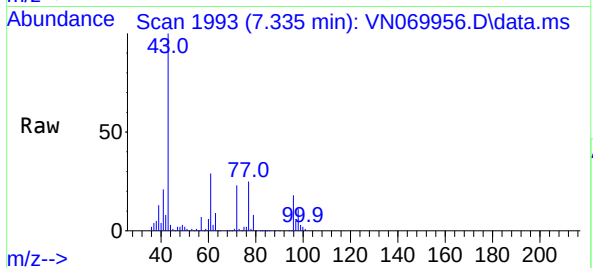
Tgt Ion: 63 Resp: 1096904
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.6 2.1 6.5





#25
2-Butanone
Concen: 252.092 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

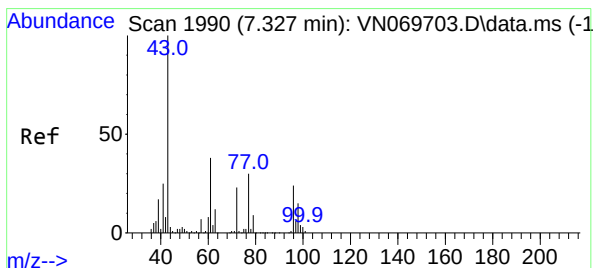
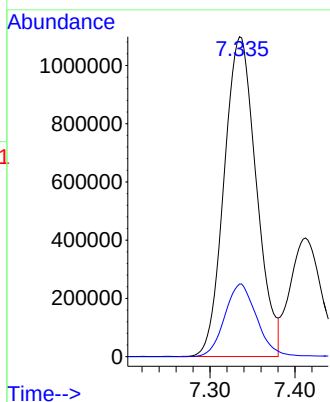
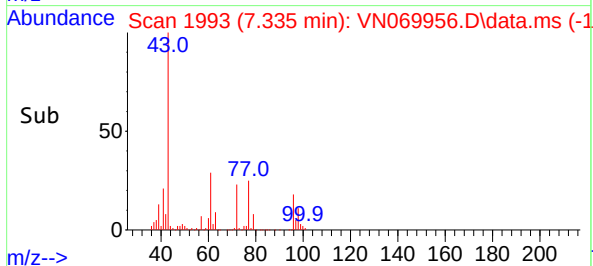
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



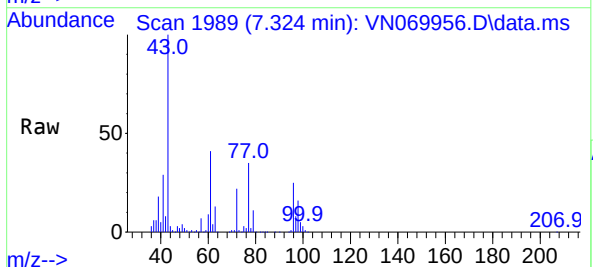
Tgt Ion: 43 Resp: 2889784
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

Manual Integrations
APPROVED

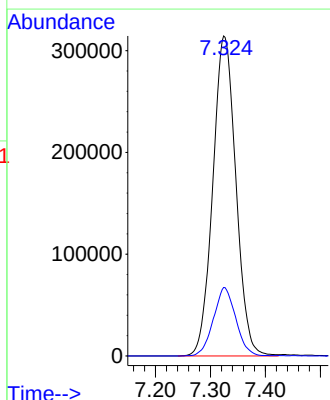
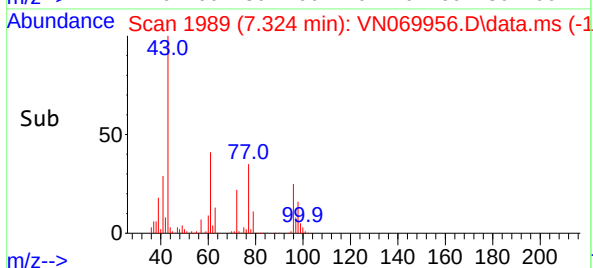
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

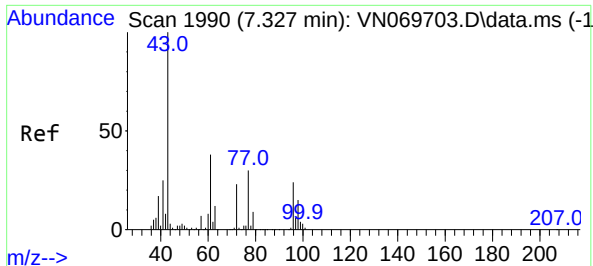


#26
2,2-Dichloropropane
Concen: 59.756 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion: 77 Resp: 917186
Ion Ratio Lower Upper
77 100
97 20.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 53.501 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

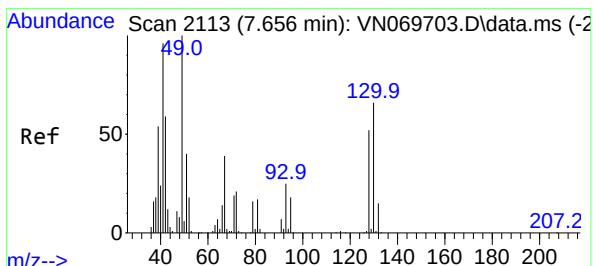
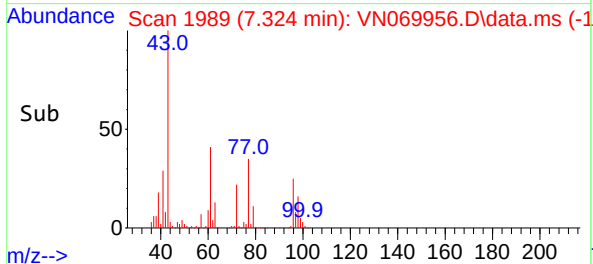
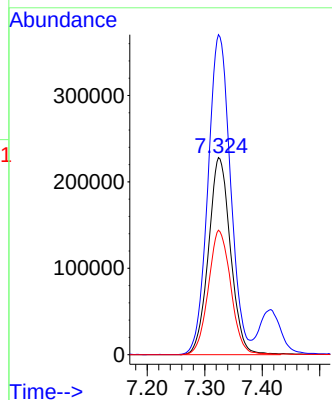
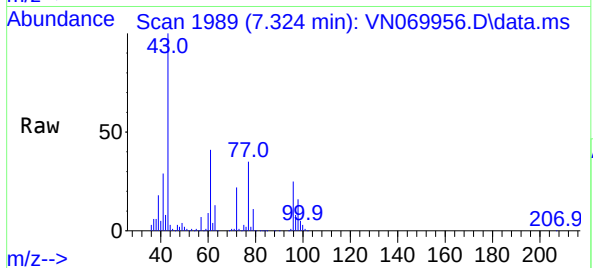
VSTDCCC050

Tgt Ion: 96 Resp: 607480
Ion Ratio Lower Upper
96 100
61 165.5 0.0 275.0
98 64.3 0.0 129.6

Manual Integrations

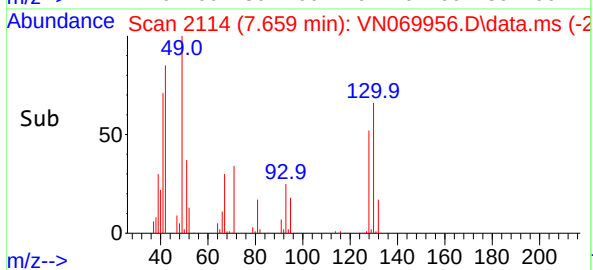
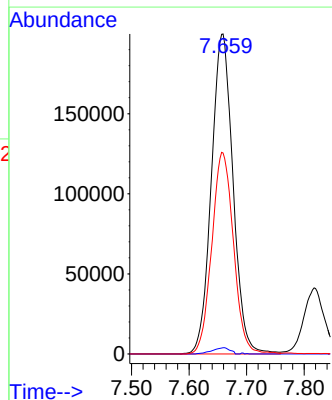
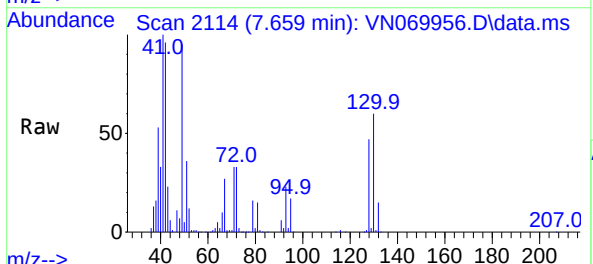
APPROVED

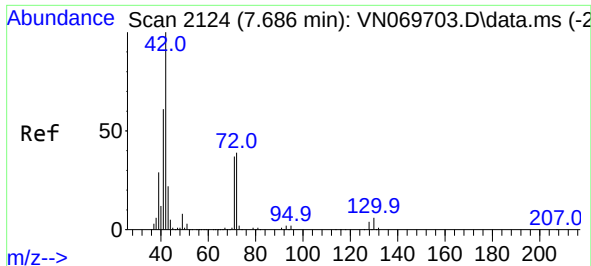
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 50.970 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion: 49 Resp: 523235
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 62.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 245.747 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1710578

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

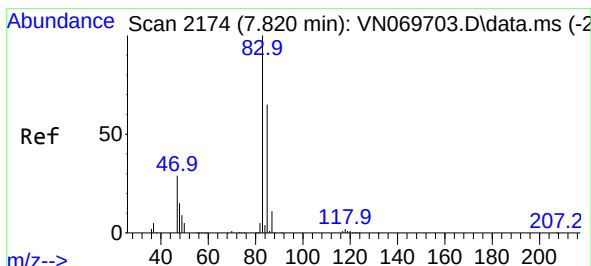
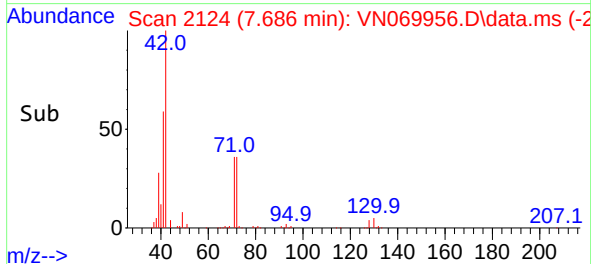
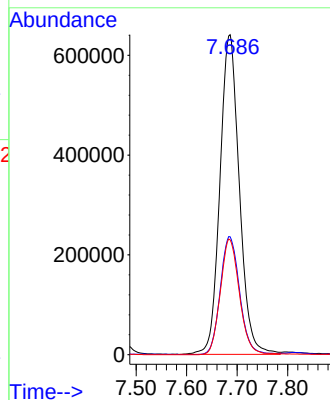
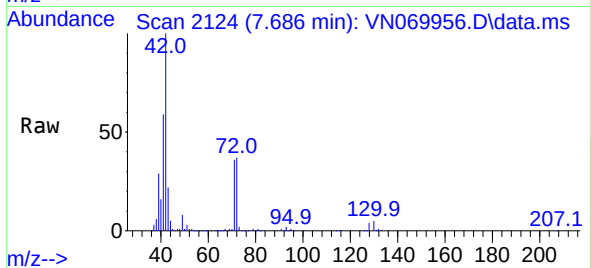
71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 54.510 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069956.D

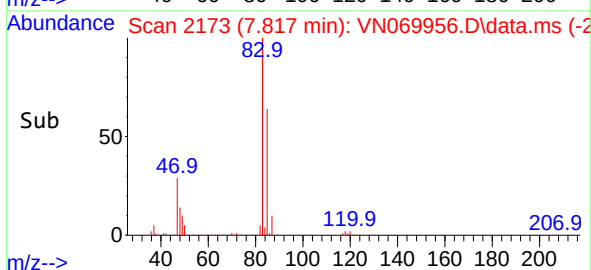
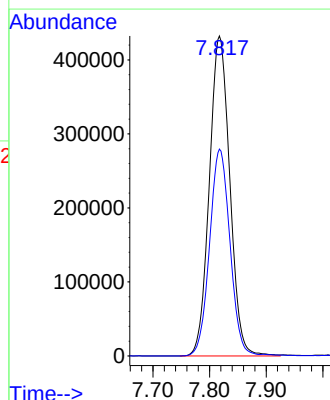
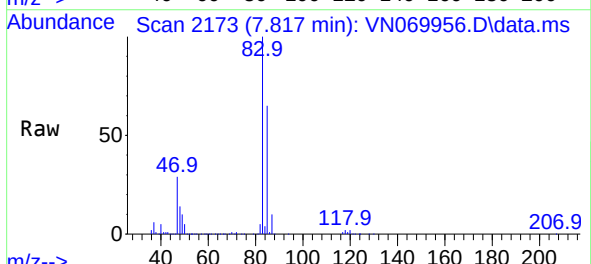
Acq: 10 Dec 2021 12:13

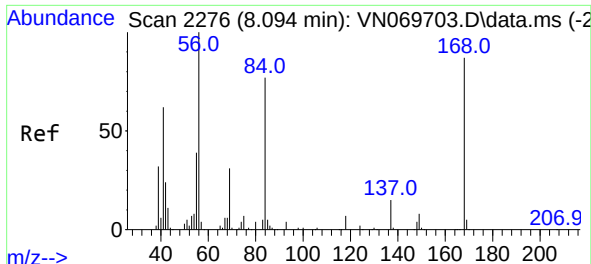
Tgt Ion: 83 Resp: 1086756

Ion Ratio Lower Upper

83 100

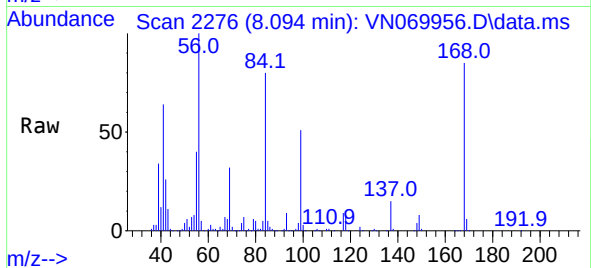
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 51.855 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

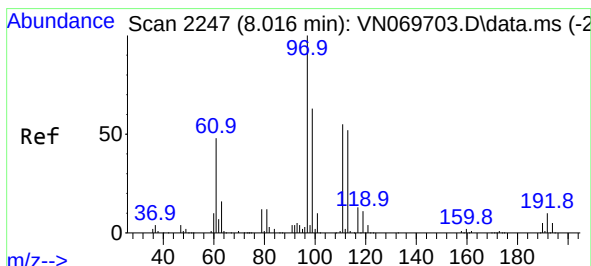
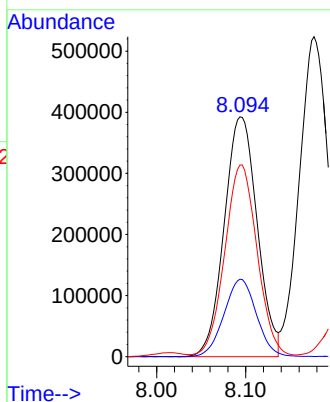
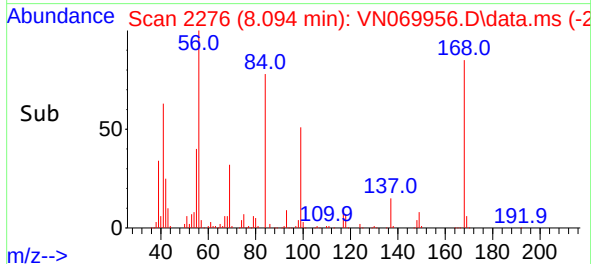
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



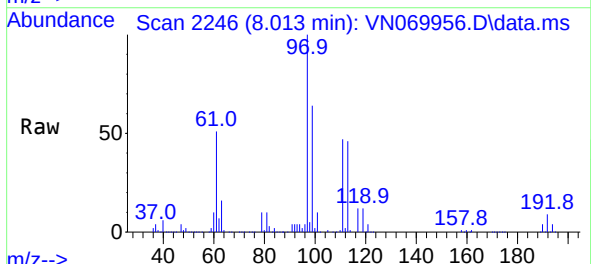
Tgt Ion: 56 Resp: 1012130
Ion Ratio Lower Upper
56 100
69 32.3 27.1 40.7
84 78.5 73.4 110.0

Manual Integrations
APPROVED

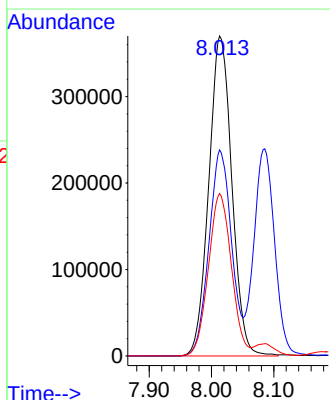
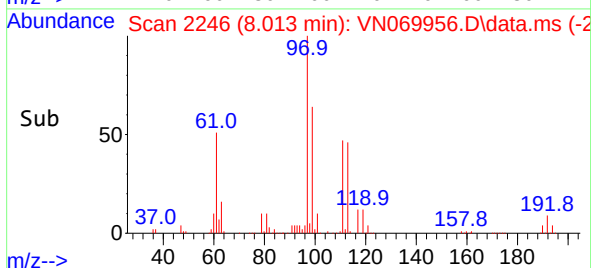
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

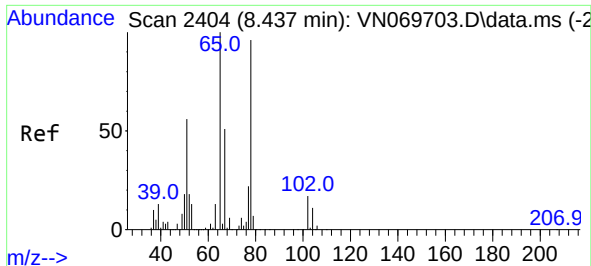


#32
1,1,1-Trichloroethane
Concen: 56.070 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion: 97 Resp: 952211
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 50.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 674690

Ion Ratio Lower Upper

65 100

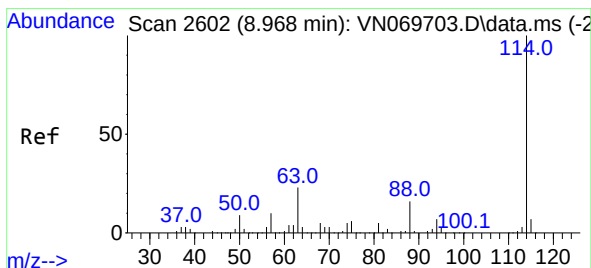
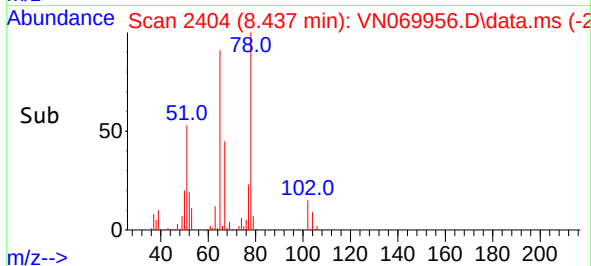
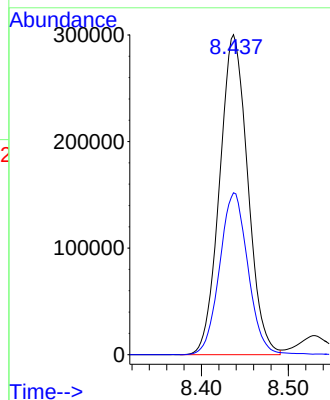
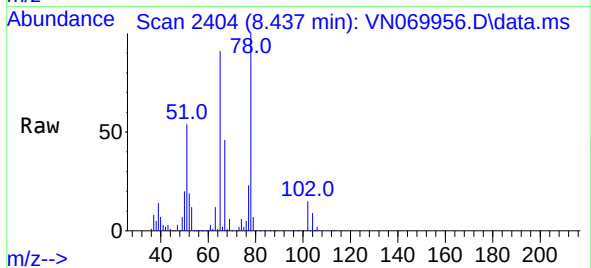
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

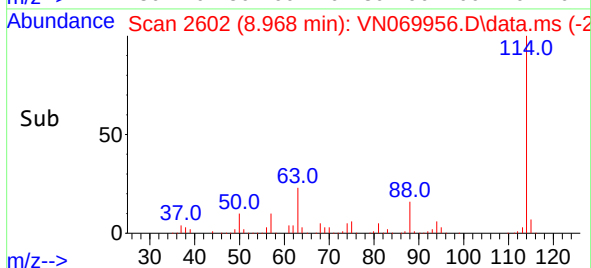
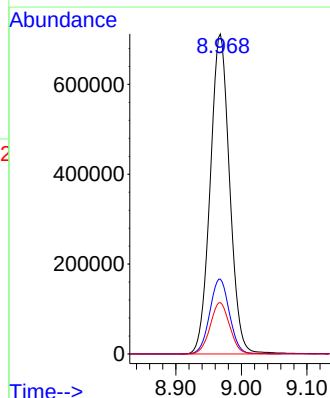
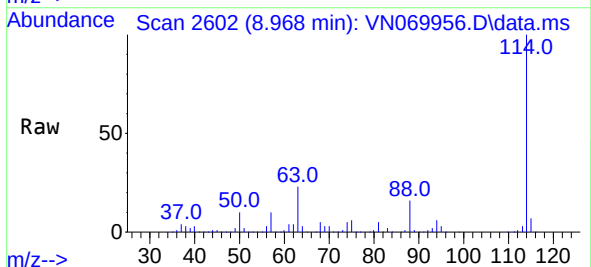
Tgt Ion:114 Resp: 1461185

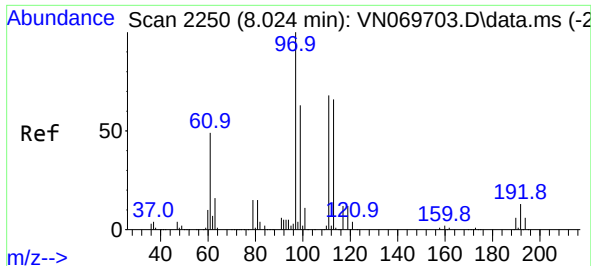
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

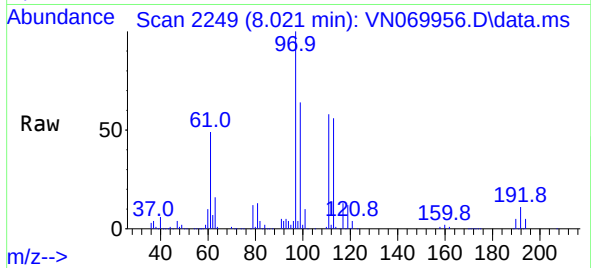
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.304 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

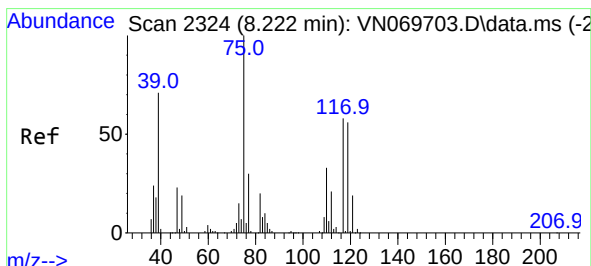
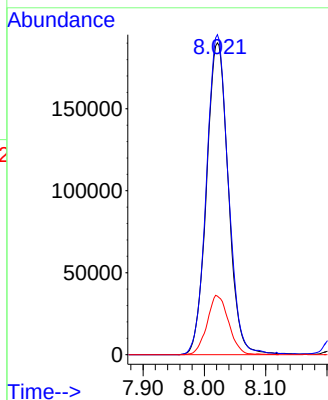
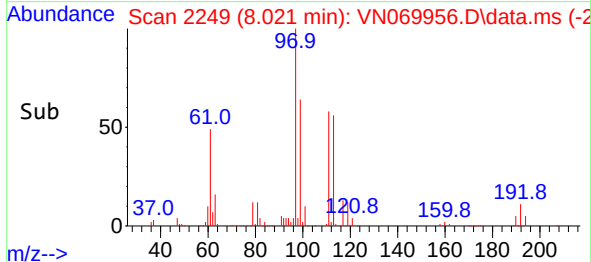
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



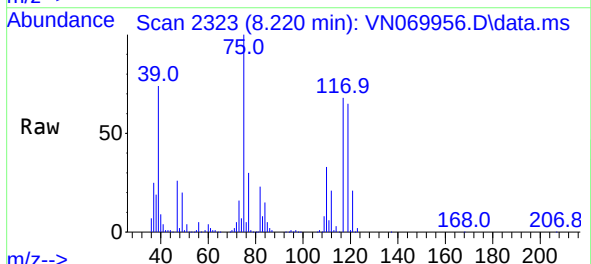
Tgt Ion:113 Resp: 46956
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.7 16.9 25.3

Manual Integrations
APPROVED

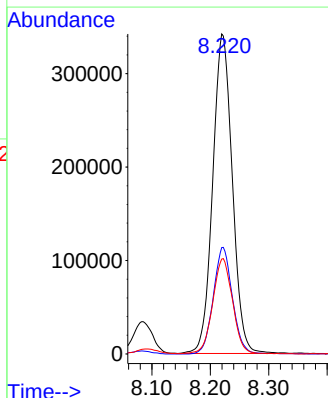
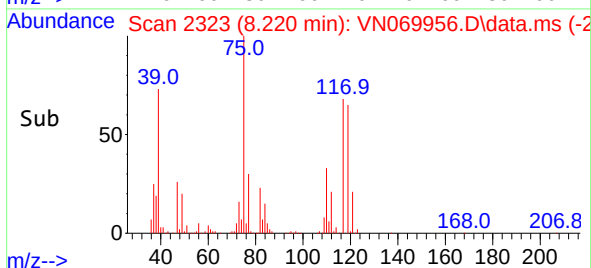
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

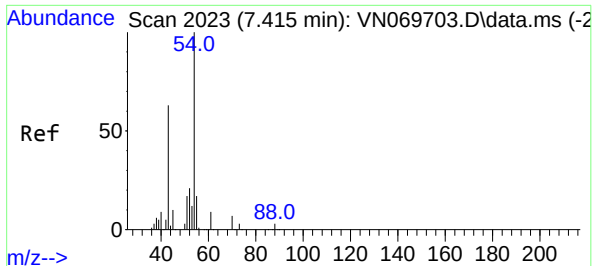


#36
1,1-Dichloropropene
Concen: 57.276 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion: 75 Resp: 796717
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 29.9 24.4 36.6





#37

Ethyl Acetate

Concen: 52.040 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1077390

Ion Ratio Lower Upper

43 100

61 12.3 11.5 17.3

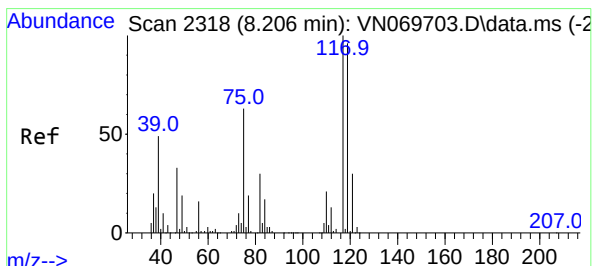
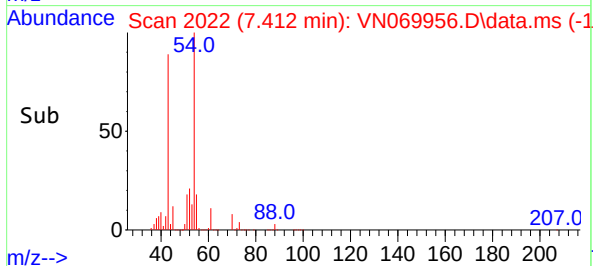
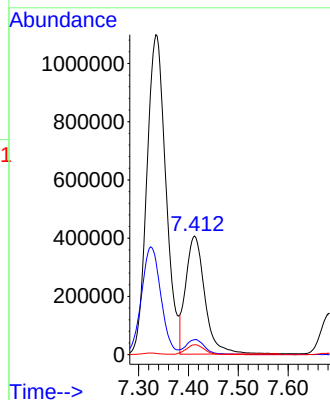
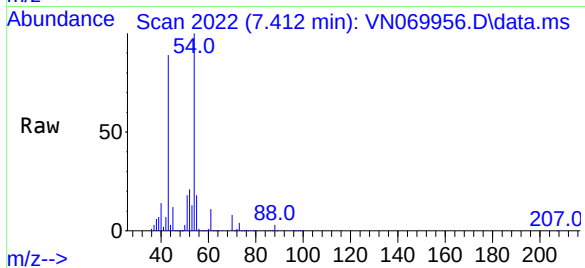
70 7.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#38

Carbon Tetrachloride

Concen: 60.383 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

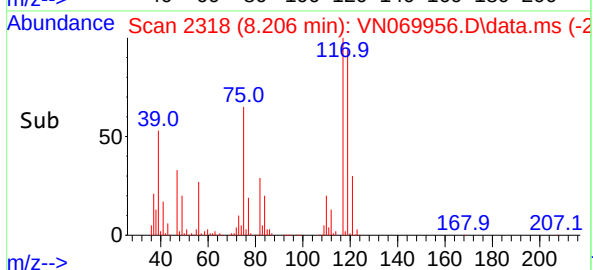
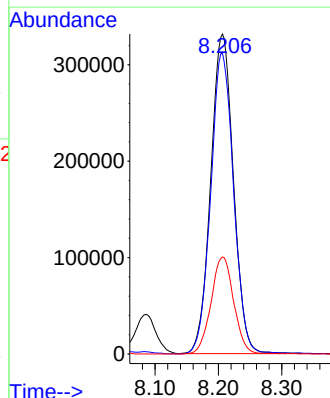
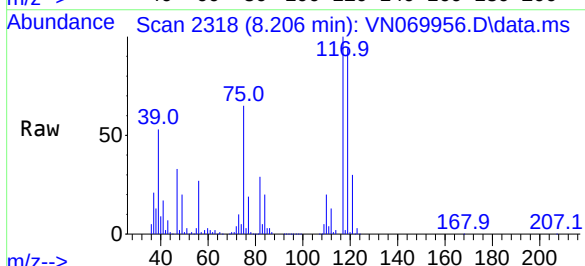
Tgt Ion:117 Resp: 823659

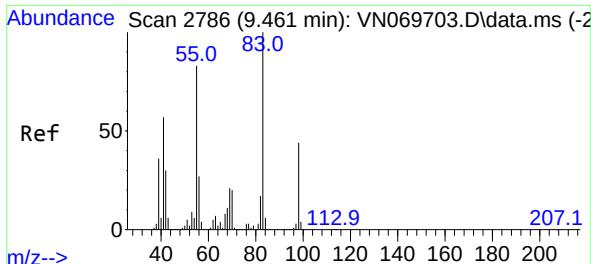
Ion Ratio Lower Upper

117 100

119 94.0 76.1 114.1

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 57.873 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 95754

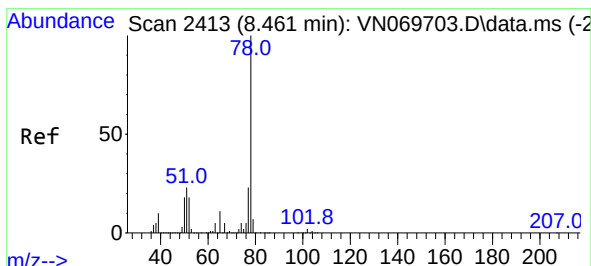
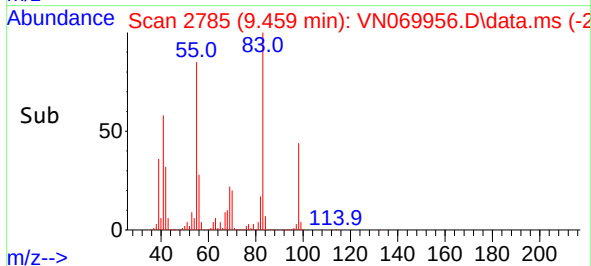
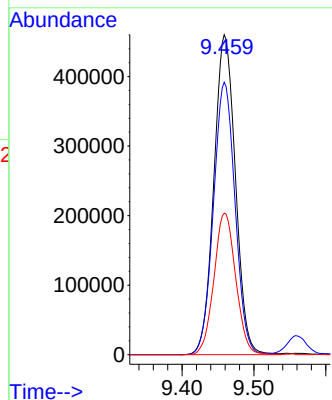
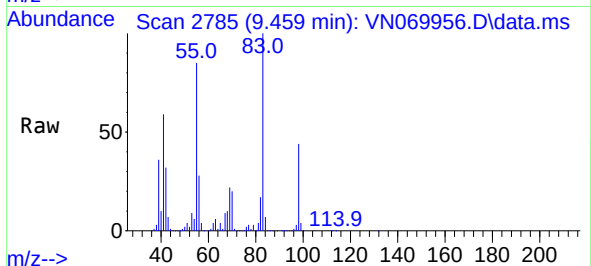
Ion	Ratio	Lower	Upper
83	100		
55	85.1	58.1	87.1
98	44.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#40

Benzene

Concen: 55.752 ug/l

RT: 8.458 min Scan# 2412

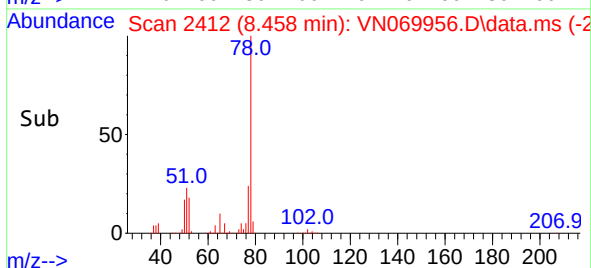
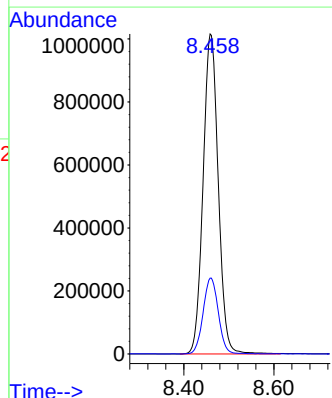
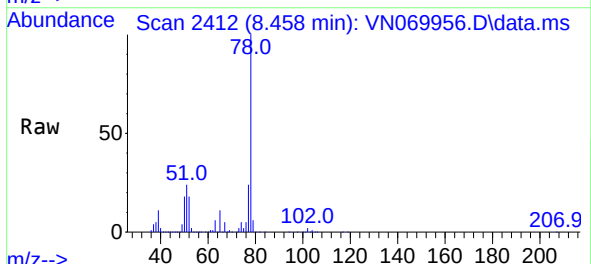
Delta R.T. -0.003 min

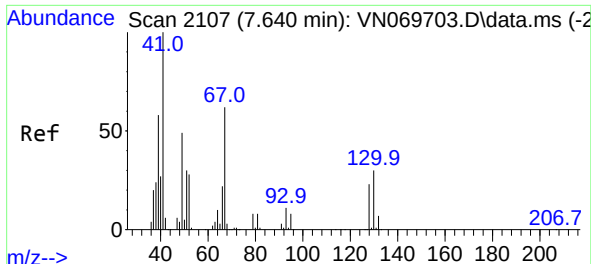
Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Tgt Ion: 78 Resp: 2370439

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





#41
Methacrylonitrile
Concen: 55.760 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

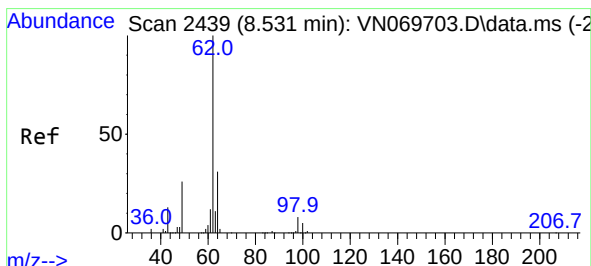
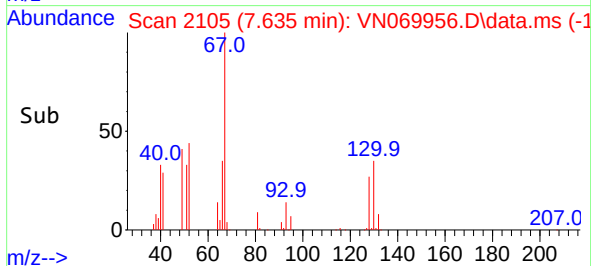
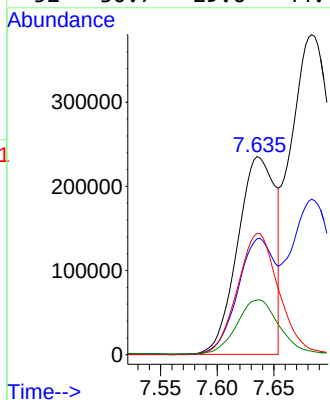
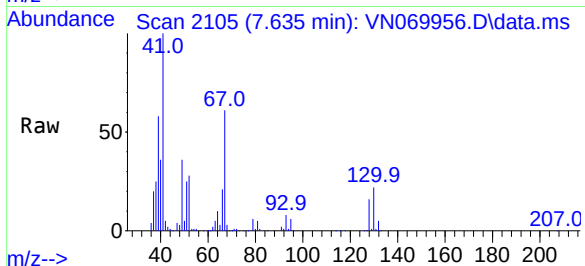
VSTDCCC050

Tgt Ion: 41 Resp: 54191
Ion Ratio Lower Upper
41 100
39 57.8 48.1 72.1
67 68.4 68.3 102.5
52 30.7 29.6 44.4

Manual Integrations

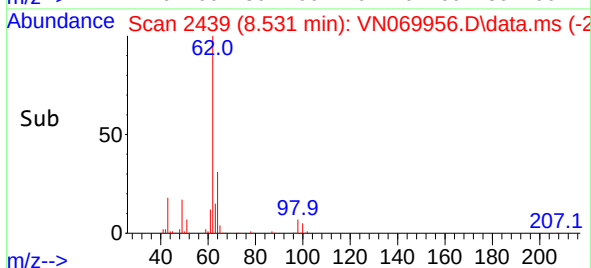
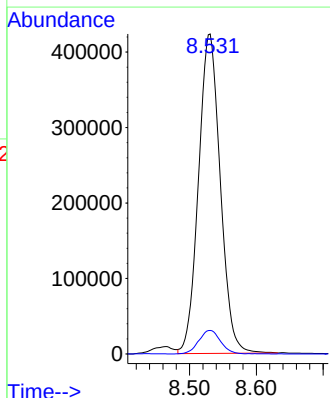
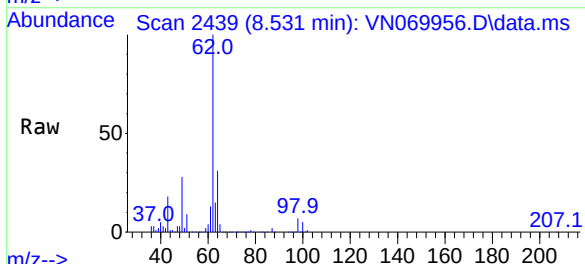
APPROVED

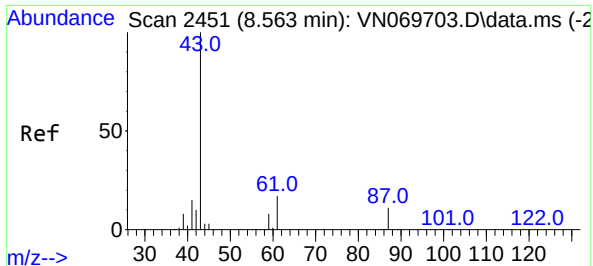
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 55.934 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion: 62 Resp: 960019
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.453 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

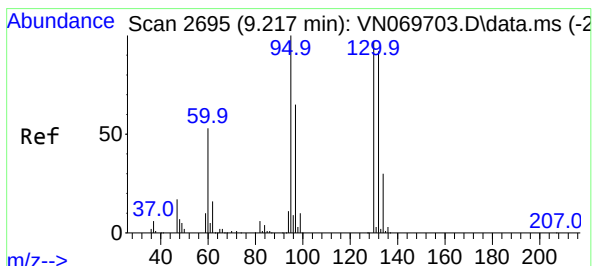
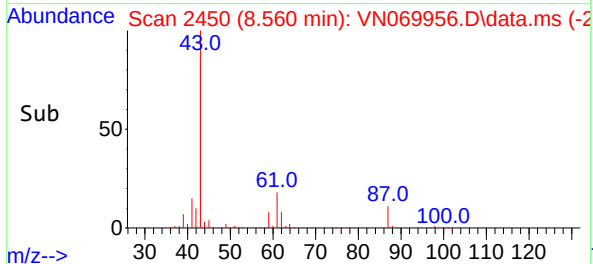
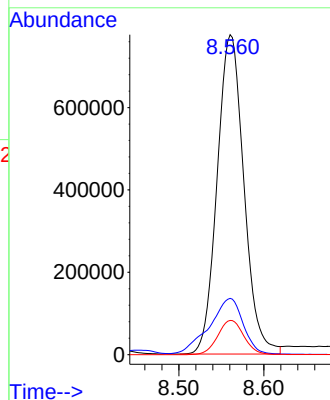
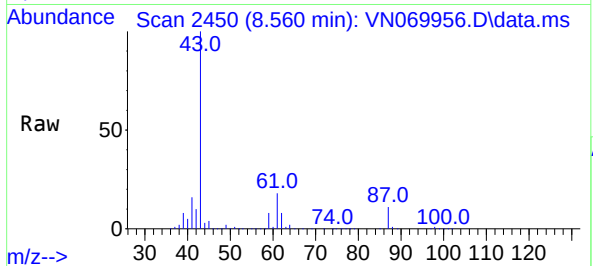
VSTDCCC050

Tgt Ion: 43 Resp: 1698949
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.6 11.2 16.8

Manual Integrations

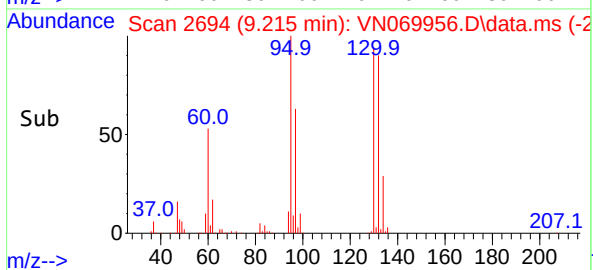
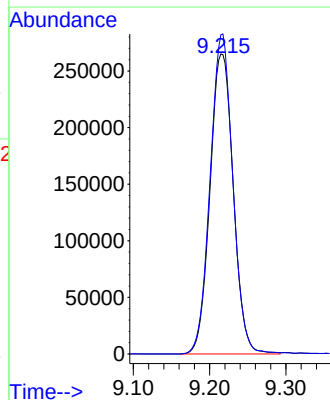
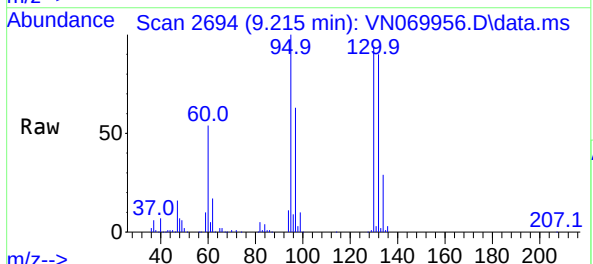
APPROVED

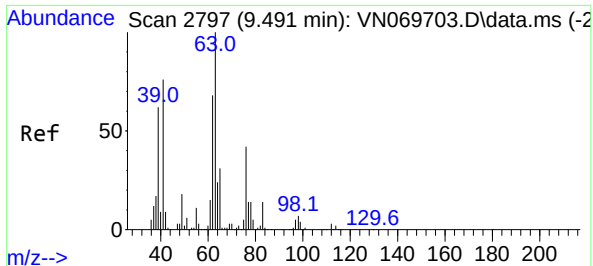
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 55.382 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion:130 Resp: 562022
Ion Ratio Lower Upper
130 100
95 106.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 57.503 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 65654

Ion Ratio Lower Upper

63 100

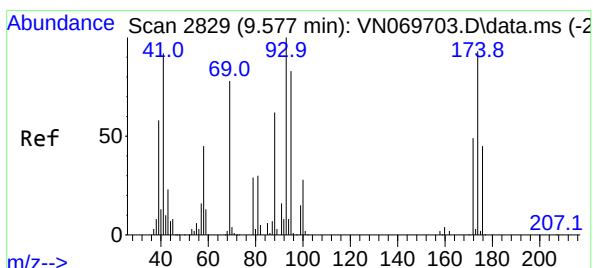
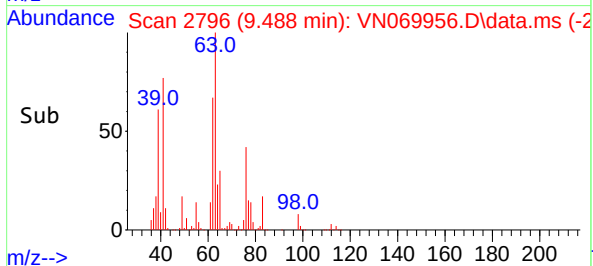
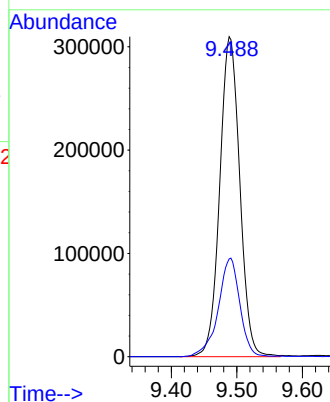
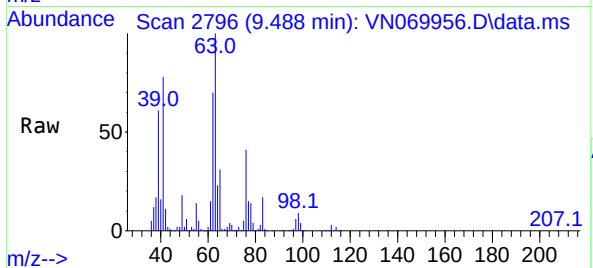
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 56.472 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

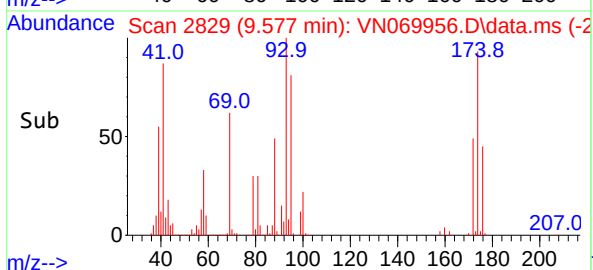
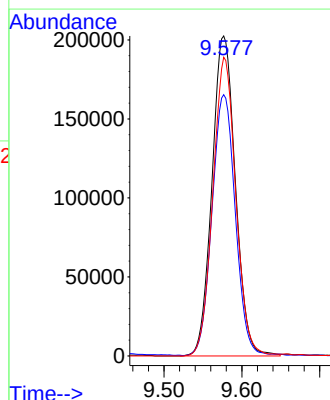
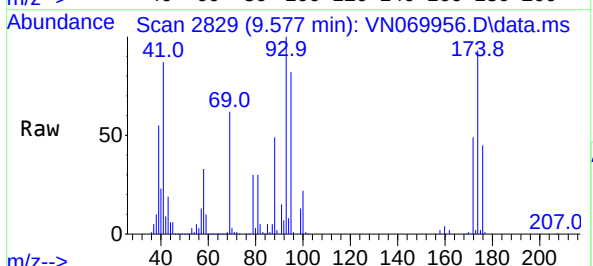
Tgt Ion: 93 Resp: 422859

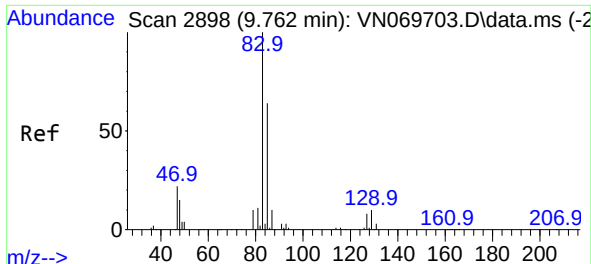
Ion Ratio Lower Upper

93 100

95 81.0 65.9 98.9

174 91.5 84.6 127.0





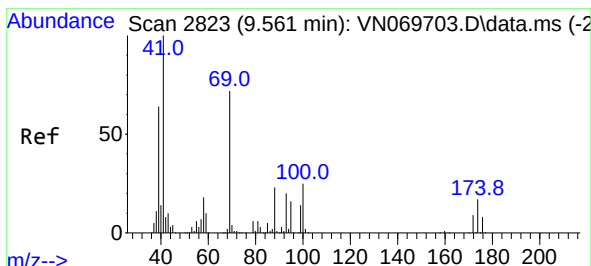
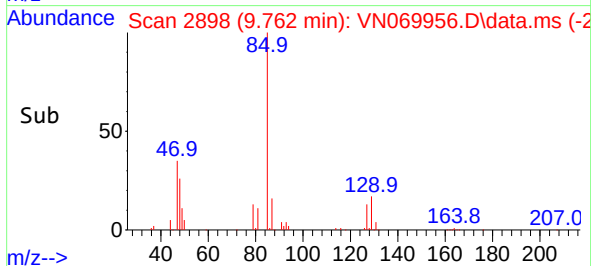
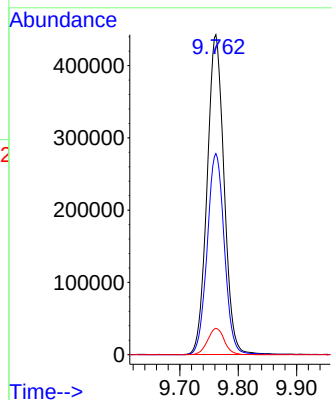
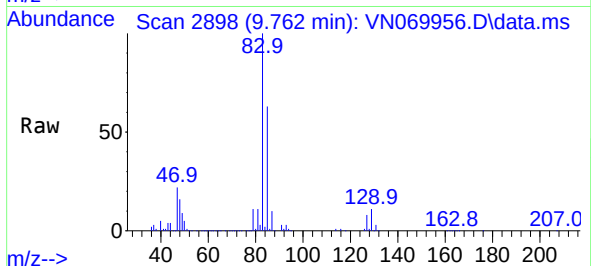
#47
Bromodichloromethane
Concen: 62.964 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 892662
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 8.2 7.1 10.7

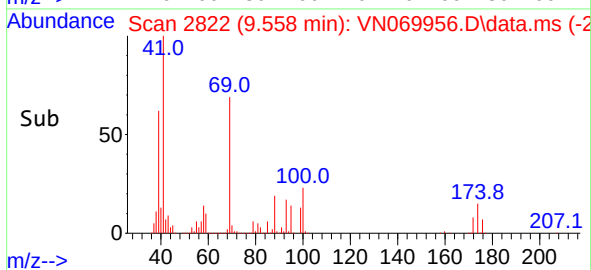
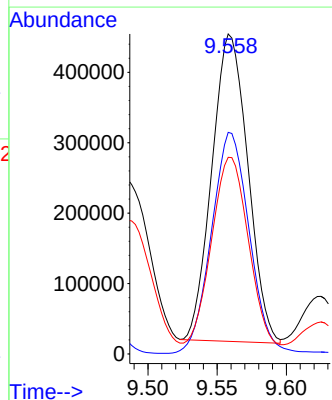
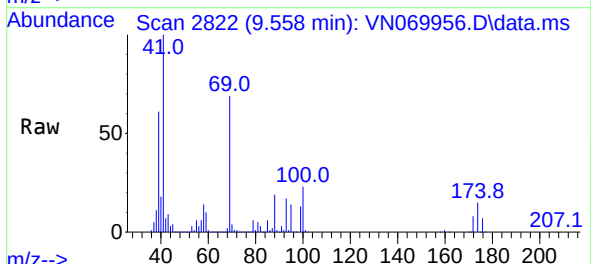
Manual Integrations
APPROVED

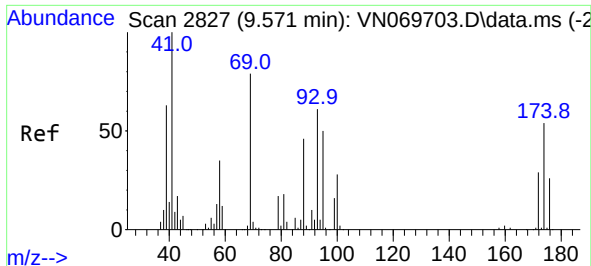
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 55.224 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

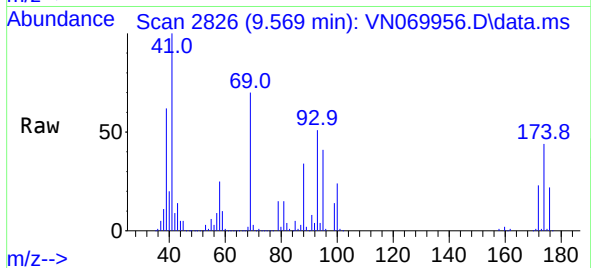
Tgt Ion: 41 Resp: 789588
Ion Ratio Lower Upper
41 100
69 76.4 72.4 108.6
39 62.3 58.4 87.6





#49
1,4-Dioxane
Concen: 968.925 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

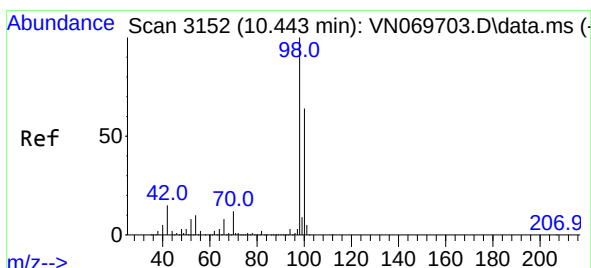
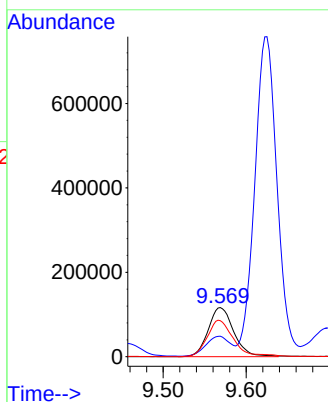
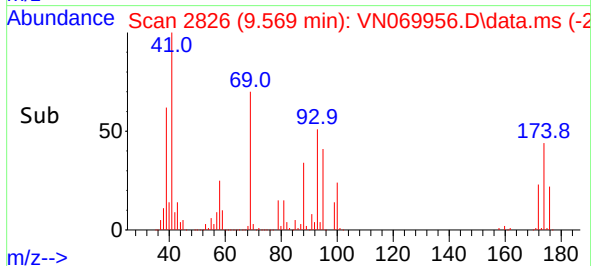
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 248574
Ion Ratio Lower Upper
88 100
43 38.7 23.4 35.2
58 77.3 50.6 75.8

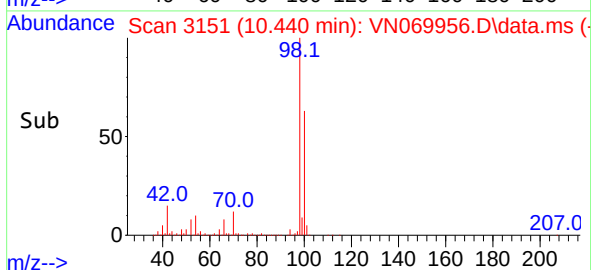
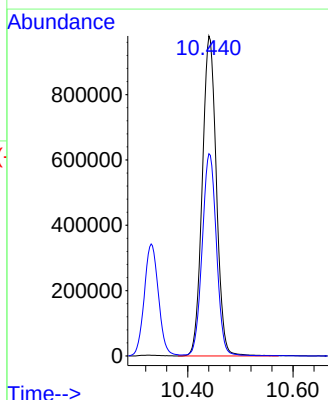
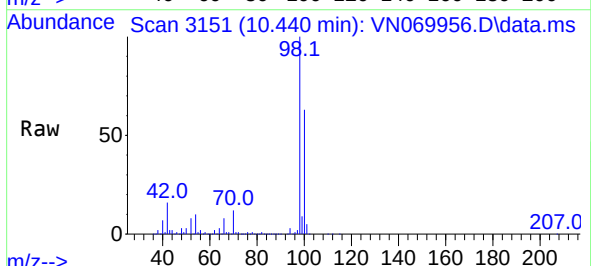
Manual Integrations
APPROVED

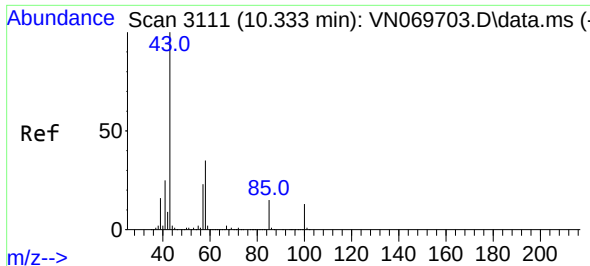
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 49.526 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion: 98 Resp: 1820110
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





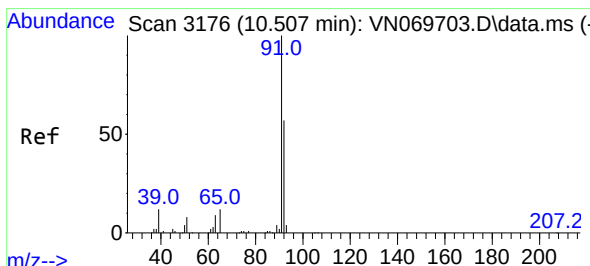
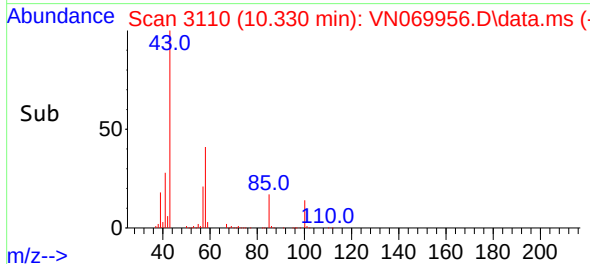
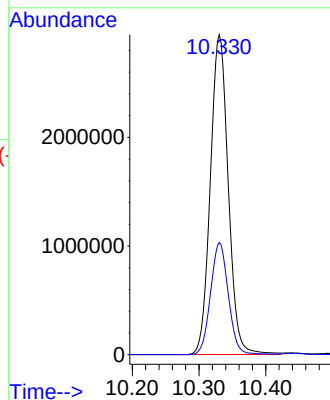
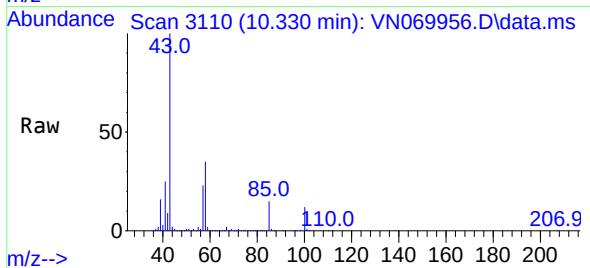
#51
4-Methyl-2-Pentanone
Concen: 275.993 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5485472
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

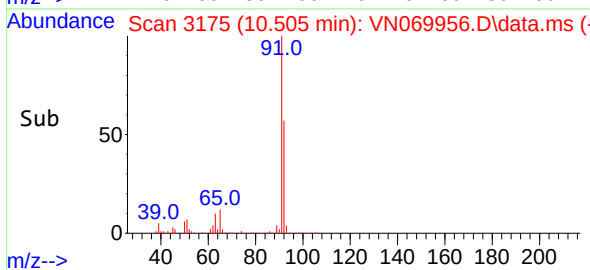
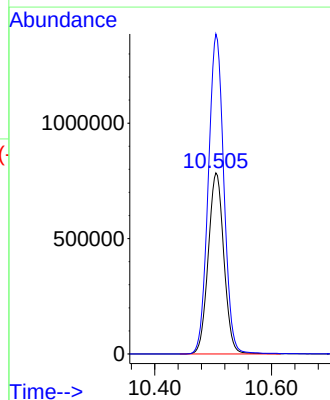
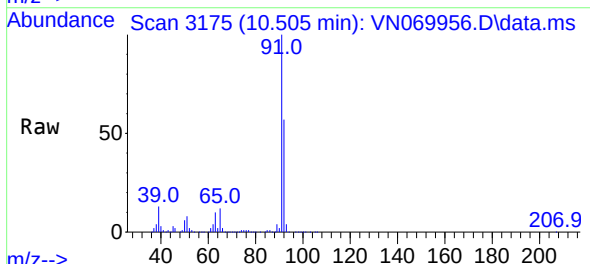
Manual Integrations
APPROVED

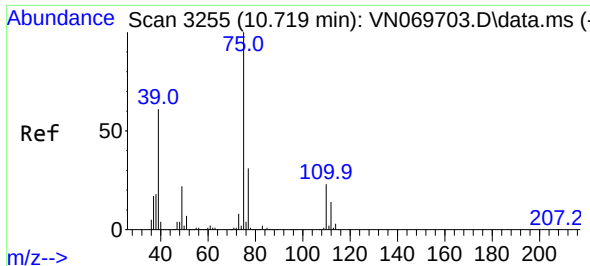
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 56.122 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion: 92 Resp: 1456808
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0





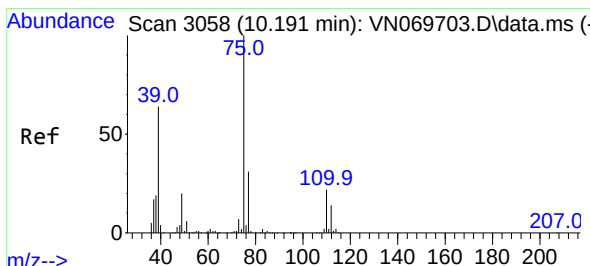
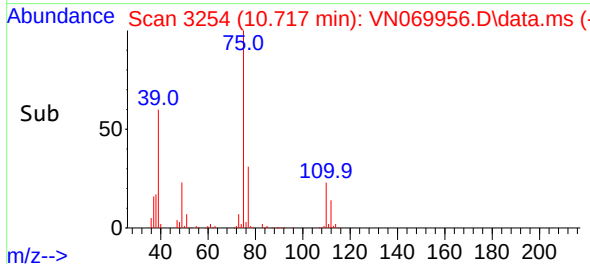
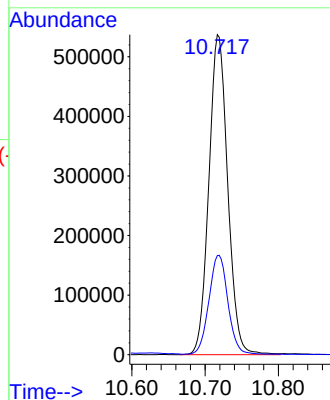
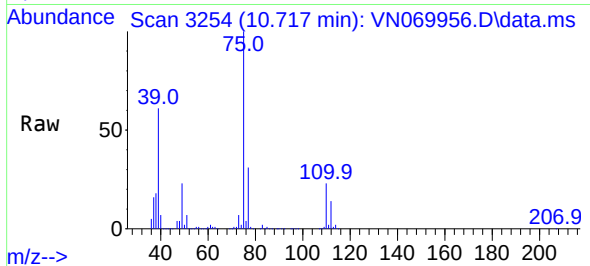
#53
t-1,3-Dichloropropene
Concen: 55.905 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 95938
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

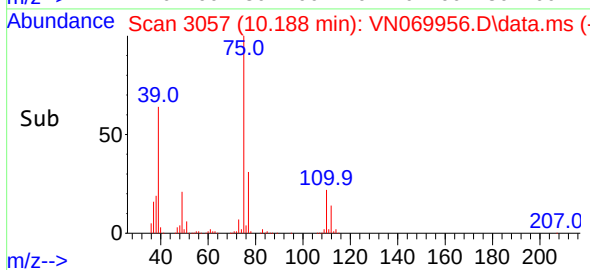
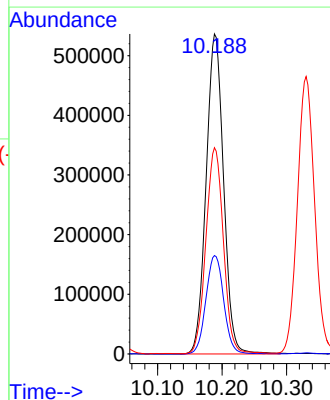
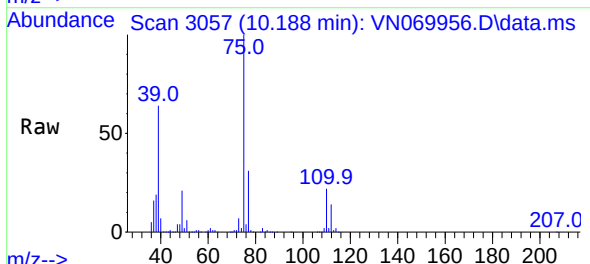
Manual Integrations
APPROVED

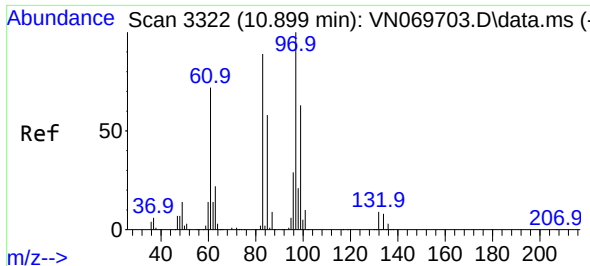
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#54
cis-1,3-Dichloropropene
Concen: 56.080 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

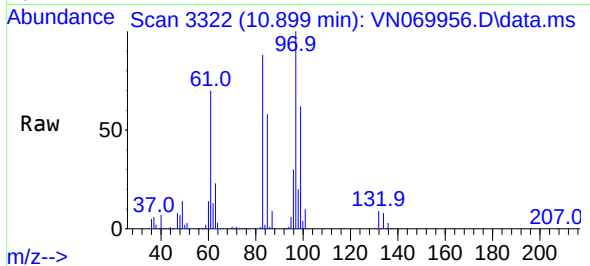
Tgt Ion: 75 Resp: 1008281
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 64.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 56.443 ug/l
RT: 10.899 min Scan# 3115
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

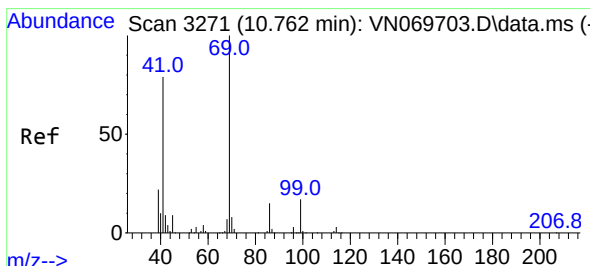
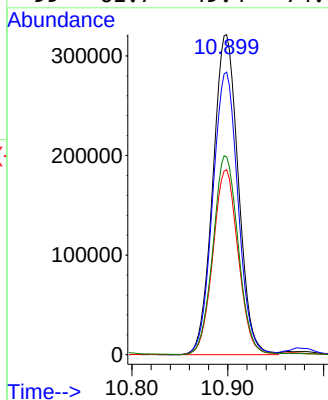
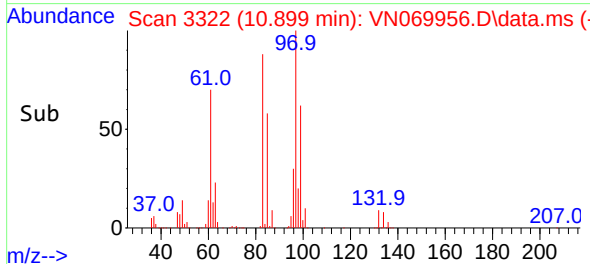
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



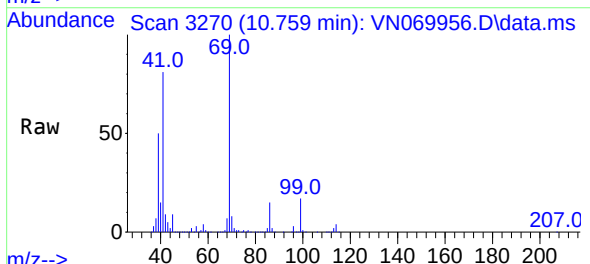
Tgt Ion: 97 Resp: 59115
Ion Ratio Lower Upper
97 100
83 88.3 67.8 101.6
85 57.7 45.4 68.2
99 61.7 49.4 74.0

Manual Integrations
APPROVED

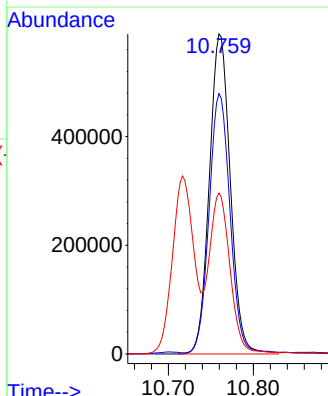
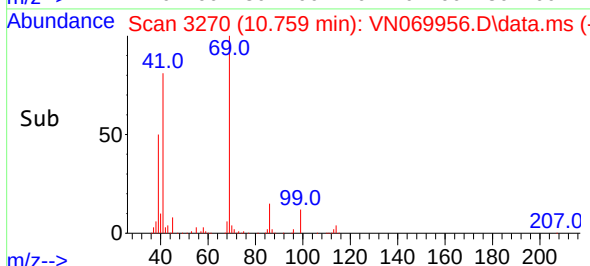
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

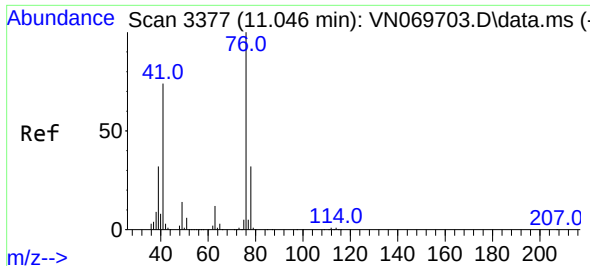


#56
Ethyl methacrylate
Concen: 51.038 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion: 69 Resp: 1009582
Ion Ratio Lower Upper
69 100
41 80.6 51.4 77.0#
39 48.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 56.767 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069956.D

Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1046874

Ion Ratio Lower Upper

76 100

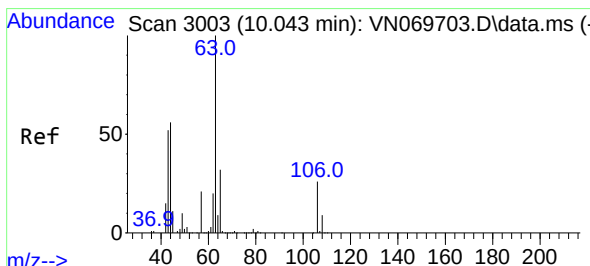
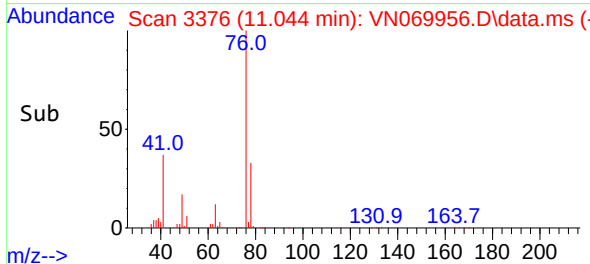
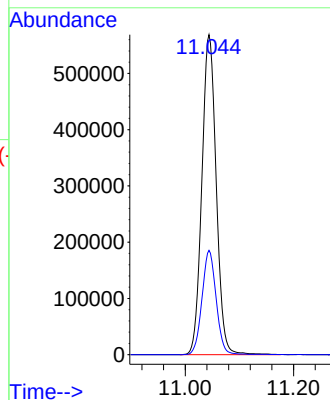
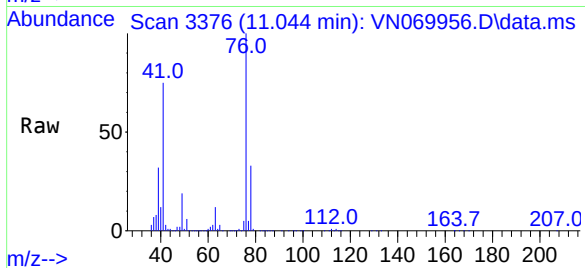
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 243.883 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069956.D

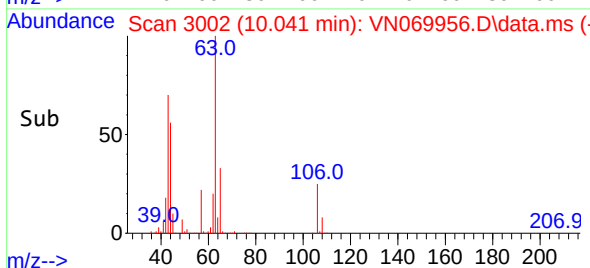
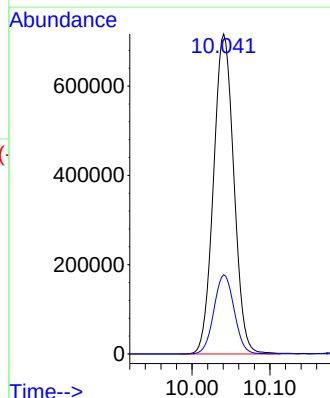
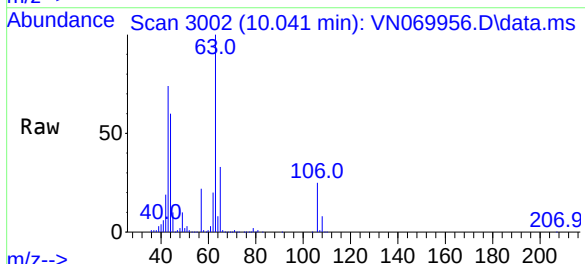
Acq: 10 Dec 2021 12:13

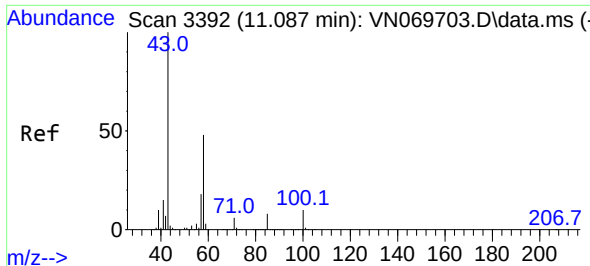
Tgt Ion: 63 Resp: 1298907

Ion Ratio Lower Upper

63 100

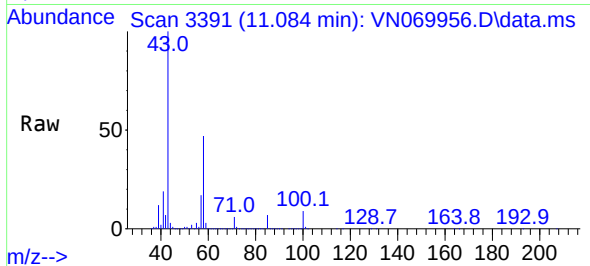
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 273.472 ug/l
RT: 11.084 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

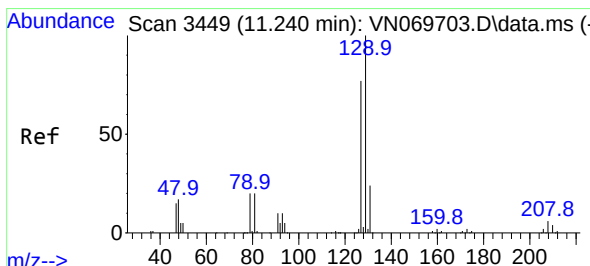
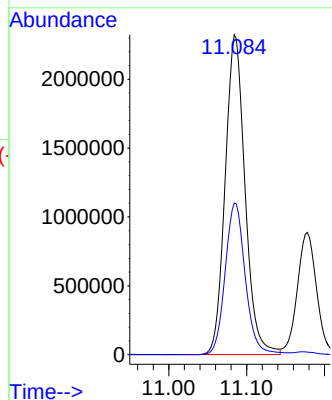
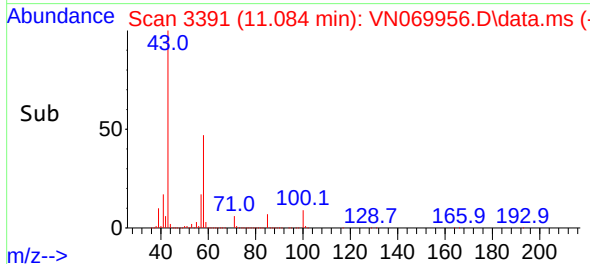
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 411168
Ion Ratio Lower Upper
43 100
58 48.0 26.9 80.7

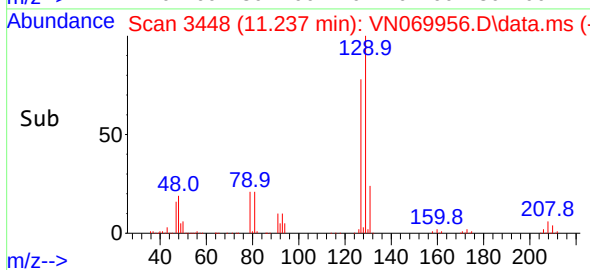
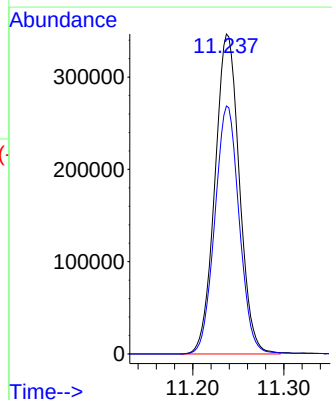
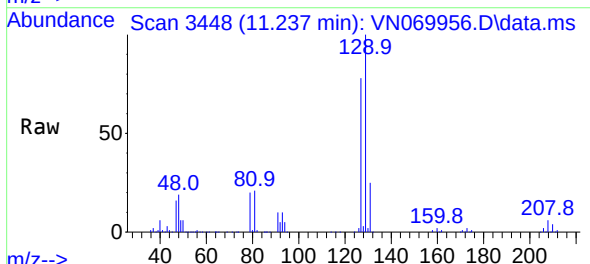
Manual Integrations
APPROVED

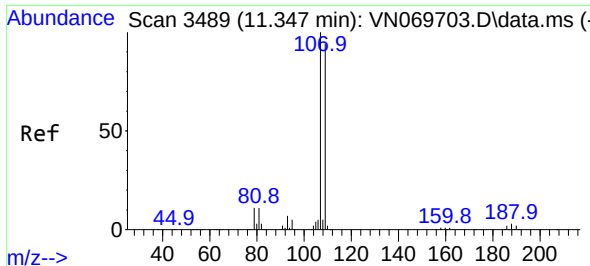
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 57.169 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion:129 Resp: 645553
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.928 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

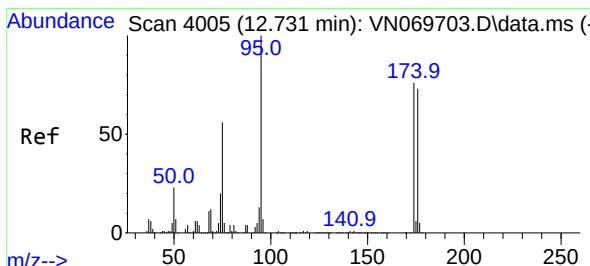
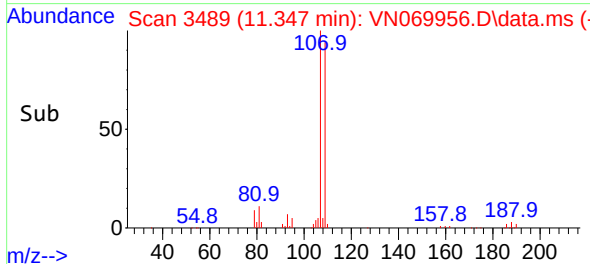
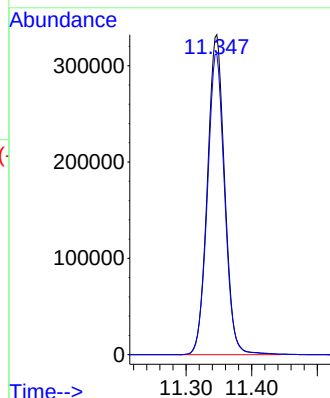
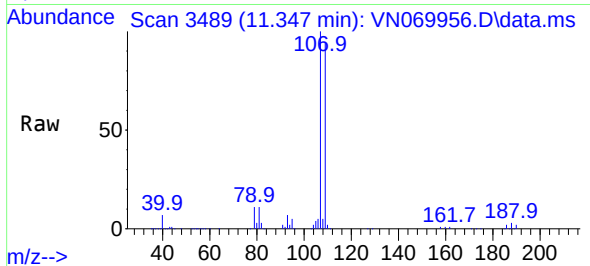
VSTDCCC050

Tgt Ion:107 Resp: 606700
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations

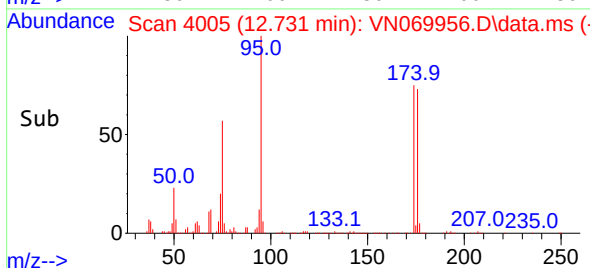
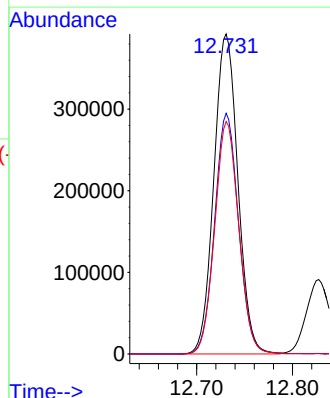
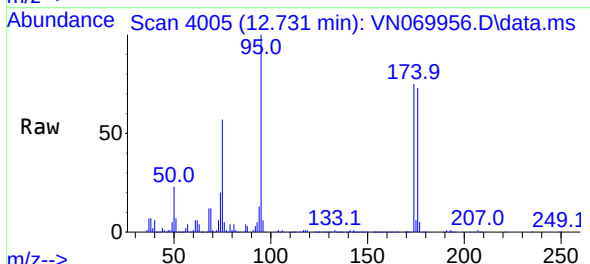
APPROVED

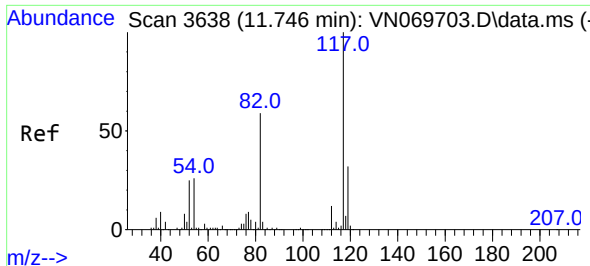
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 51.282 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

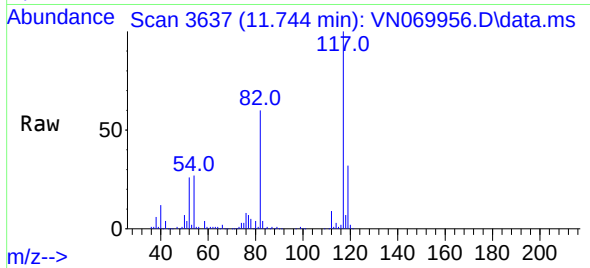
Tgt Ion: 95 Resp: 682769
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

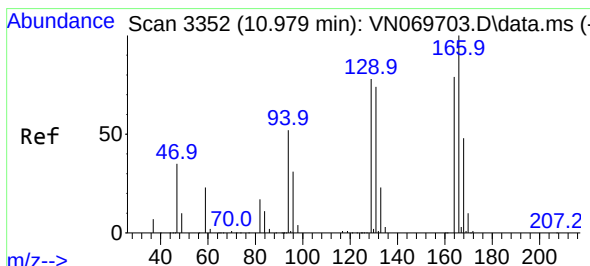
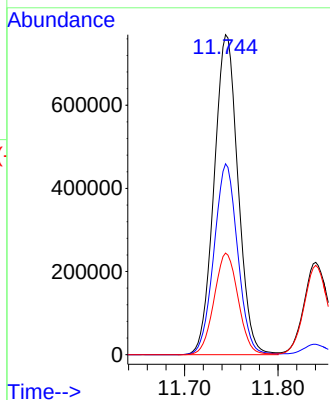
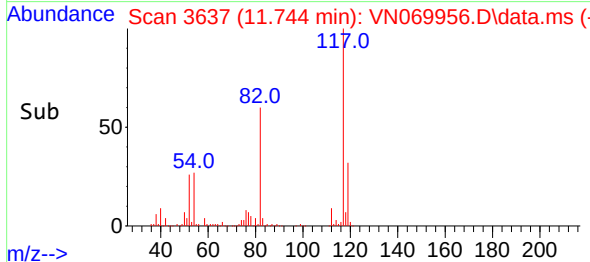
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



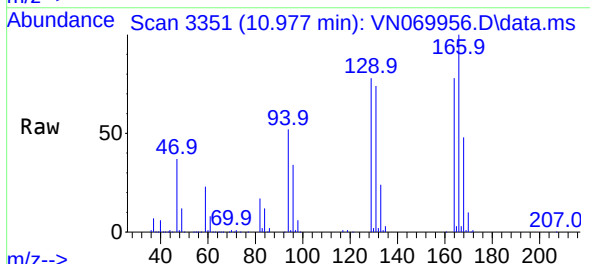
Tgt Ion:117 Resp: 137167
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

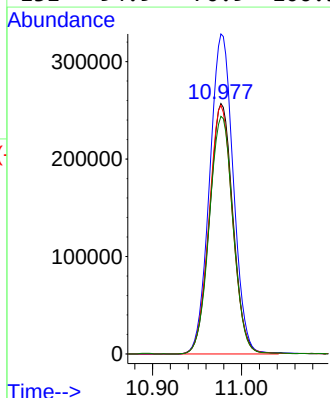
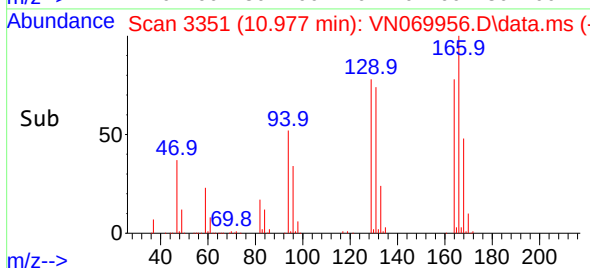
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

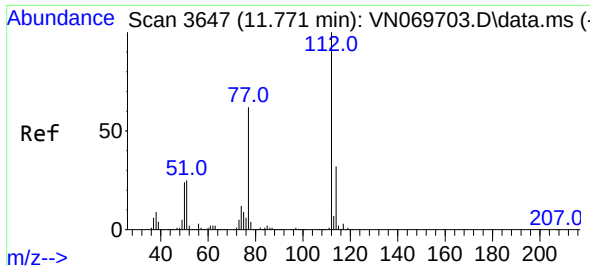


#64
Tetrachloroethene
Concen: 50.690 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



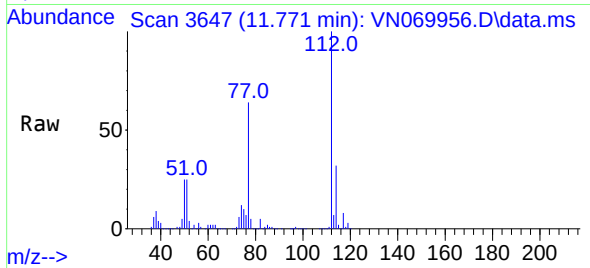
Tgt Ion:164 Resp: 471465
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 99.2 72.0 108.0
131 94.9 70.9 106.3





#65
Chlorobenzene
Concen: 55.732 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

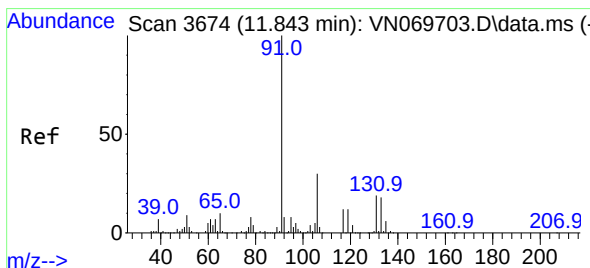
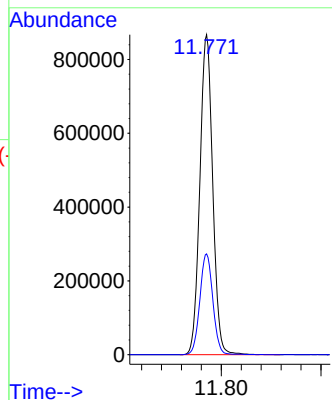
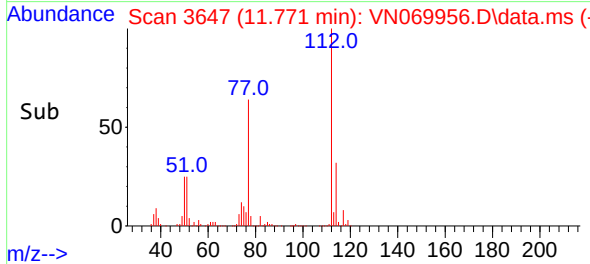
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



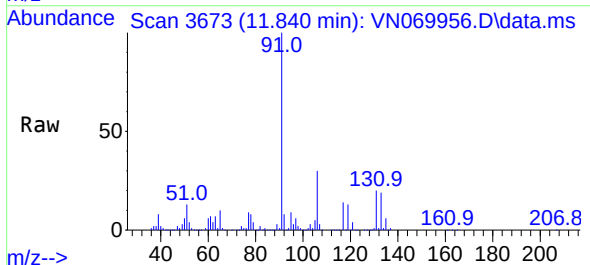
Tgt Ion:112 Resp: 155086
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

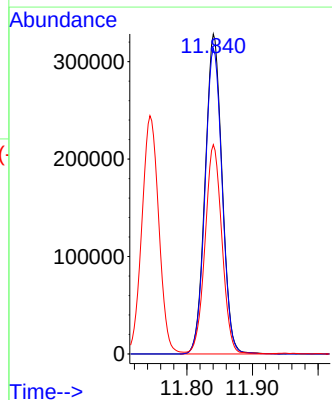
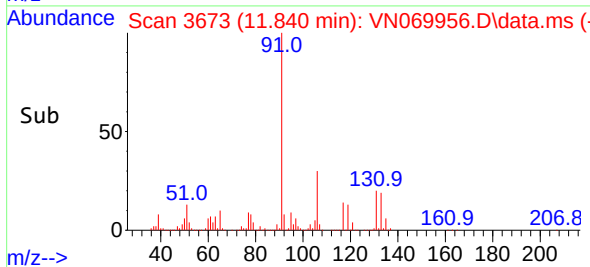
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

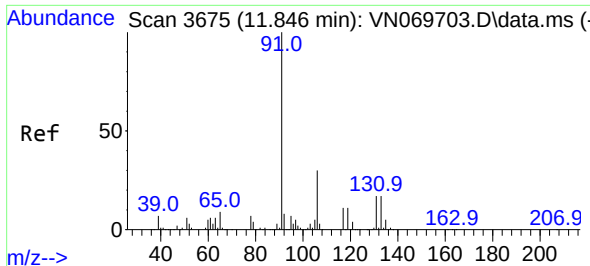


#66
1,1,1,2-Tetrachloroethane
Concen: 60.142 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



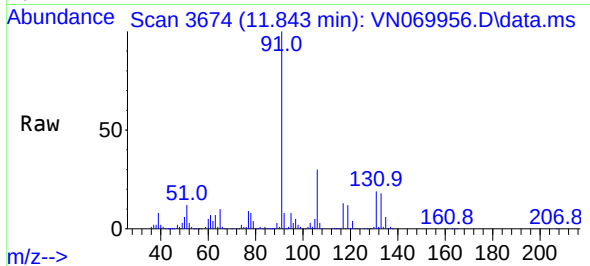
Tgt Ion:131 Resp: 589052
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 58.067 ug/l
RT: 11.843 min Scan# 3075
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

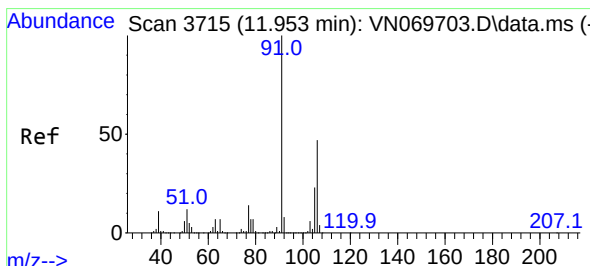
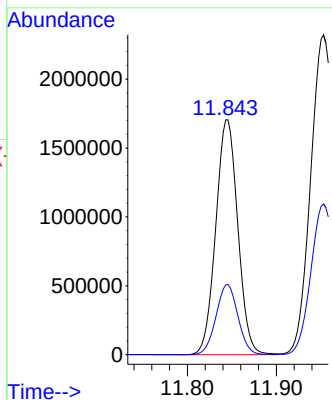
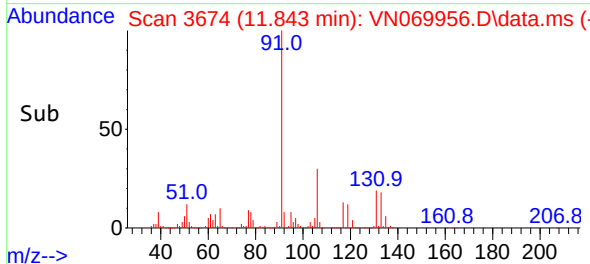
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



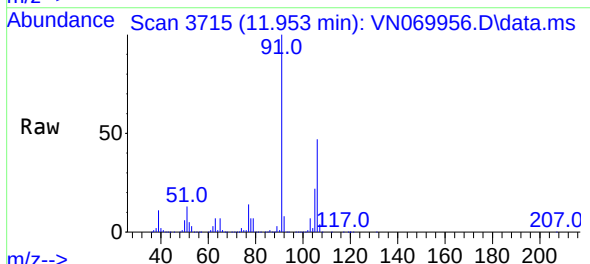
Tgt Ion: 91 Resp: 293514
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

Manual Integrations
APPROVED

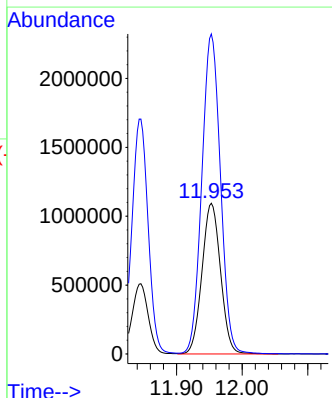
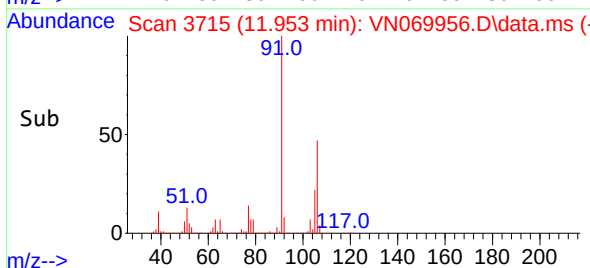
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

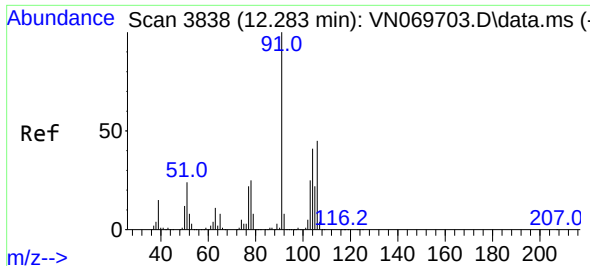


#68
m/p-Xylenes
Concen: 116.437 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



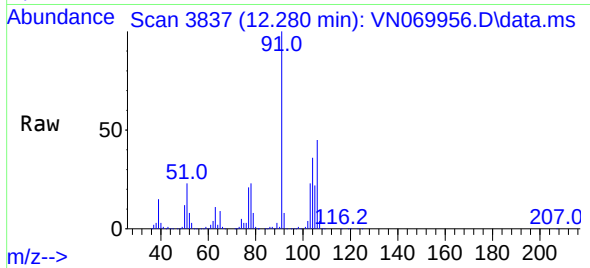
Tgt Ion:106 Resp: 2142983
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8





#69
o-Xylene
Concen: 57.285 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

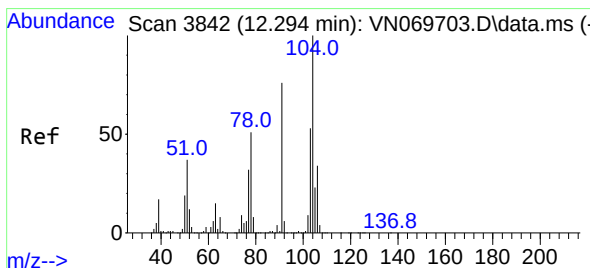
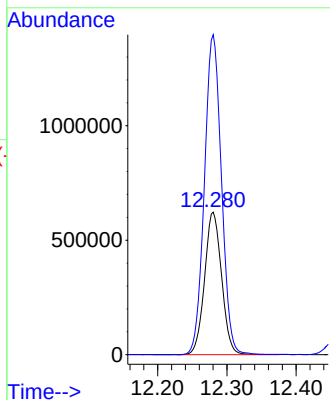
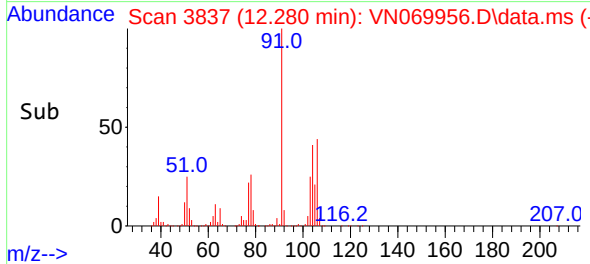
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 1061970
Ion Ratio Lower Upper
106 100
91 225.2 105.8 317.3

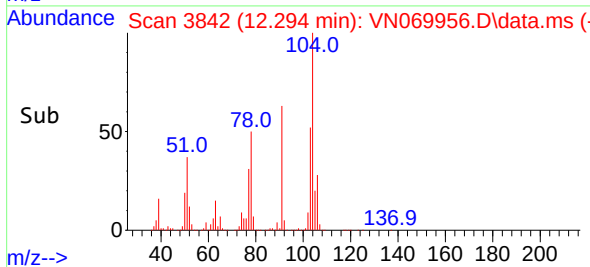
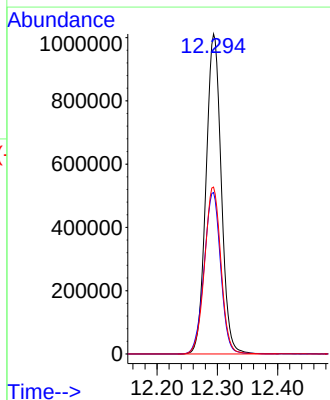
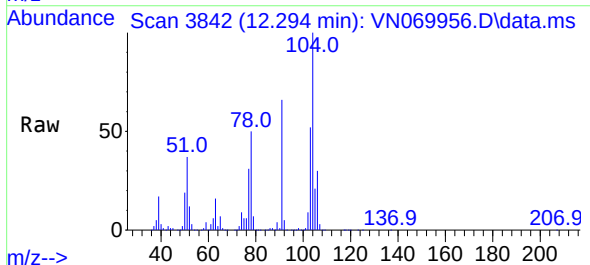
Manual Integrations
APPROVED

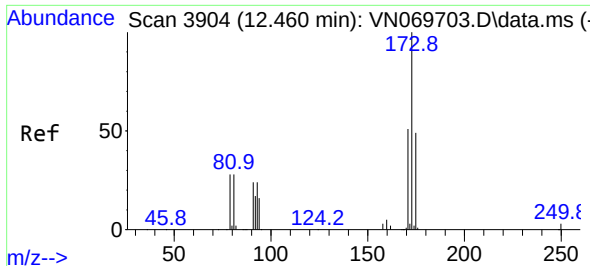
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 60.457 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

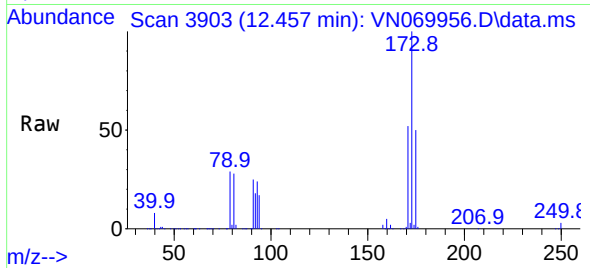
Tgt Ion:104 Resp: 1777236
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 58.944 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

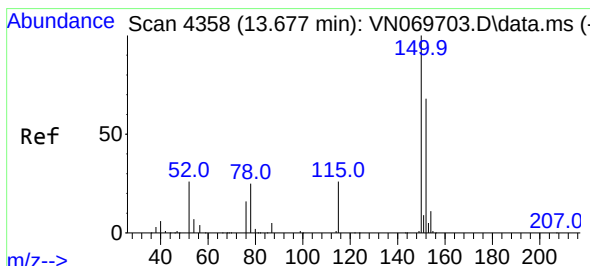
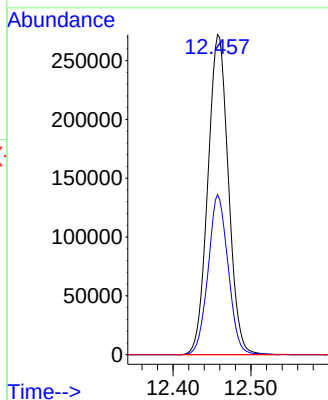
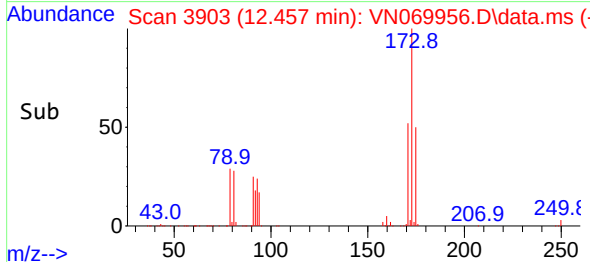
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



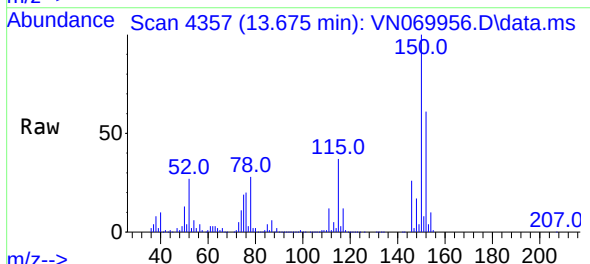
Tgt Ion:173 Resp: 498104
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

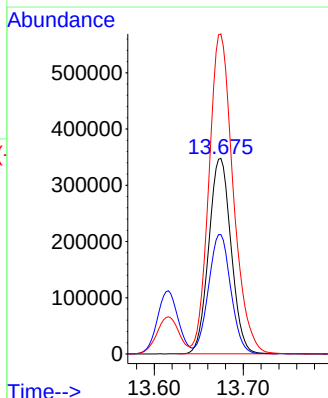
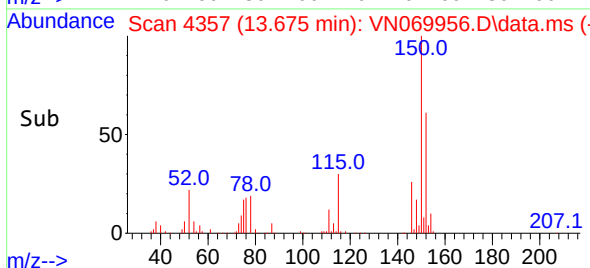
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

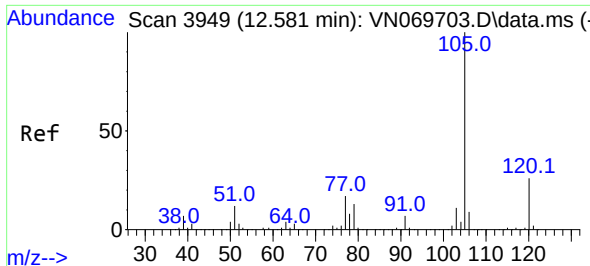


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion:152 Resp: 606687
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 177.6 0.0 344.4





#73
Isopropylbenzene
Concen: 52.278 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

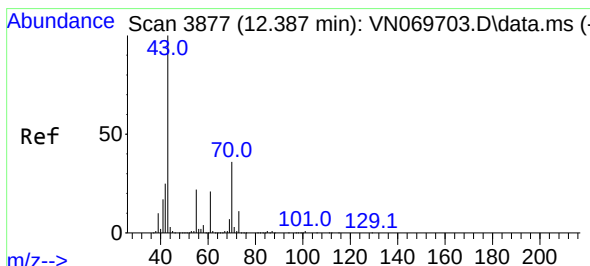
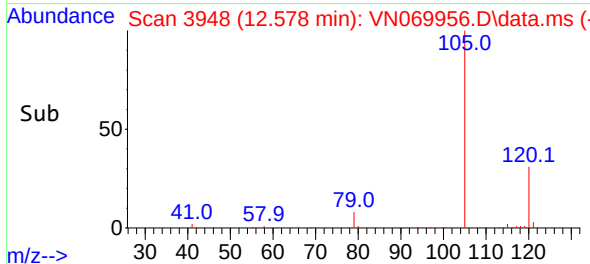
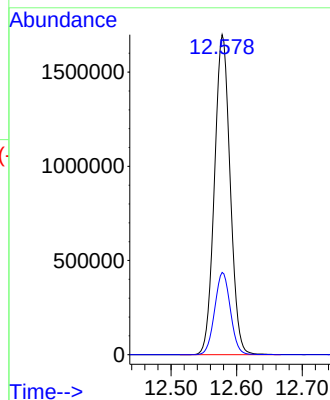
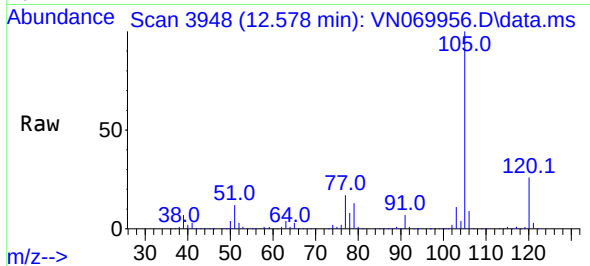
VSTDCCC050

Tgt Ion:105 Resp: 282185
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations

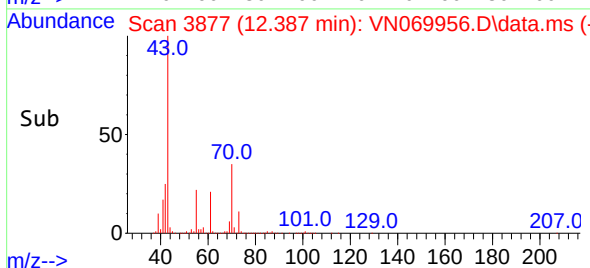
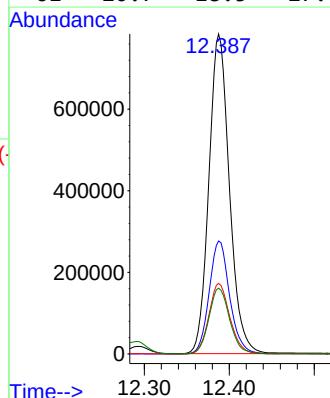
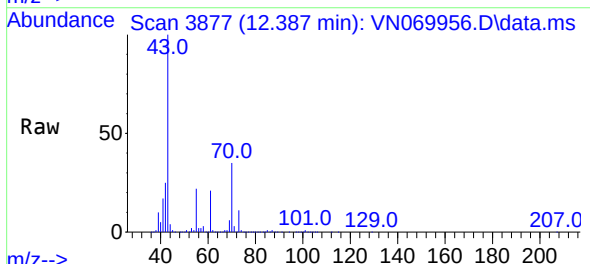
APPROVED

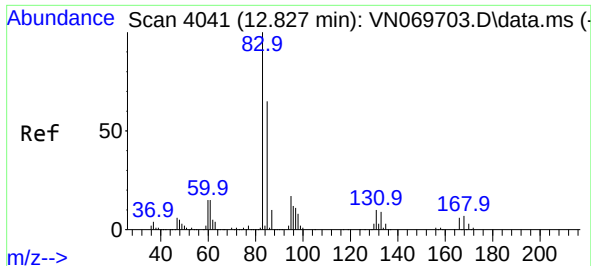
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 55.122 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

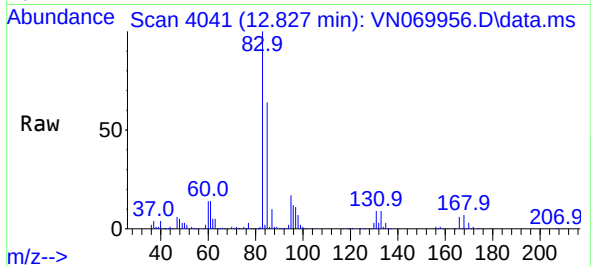
Tgt Ion: 43 Resp: 1315823
Ion Ratio Lower Upper
43 100
70 35.3 33.4 50.0
55 22.7 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.342 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

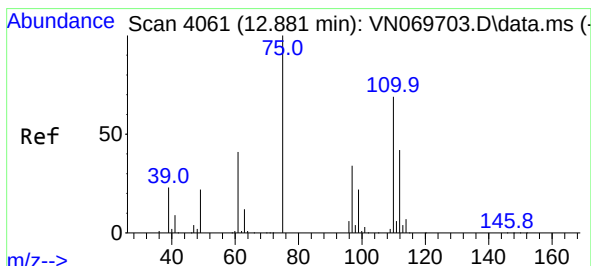
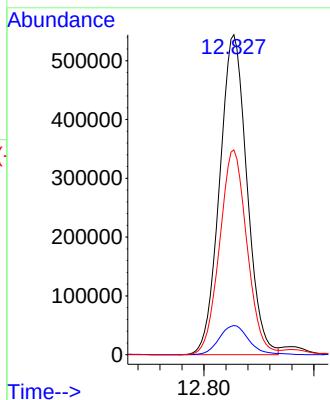
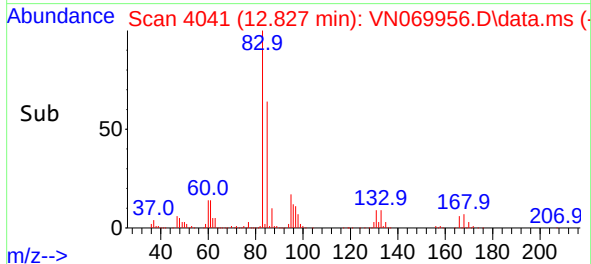
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



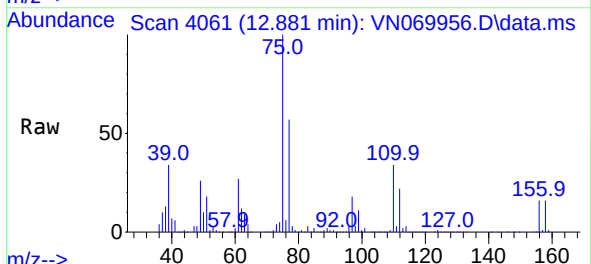
Tgt Ion: 83 Resp: 939679
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

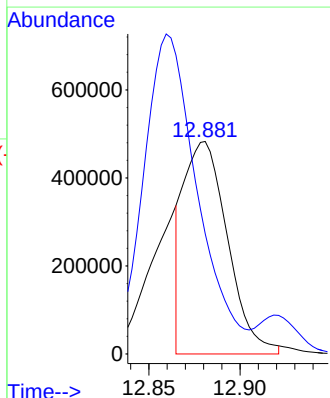
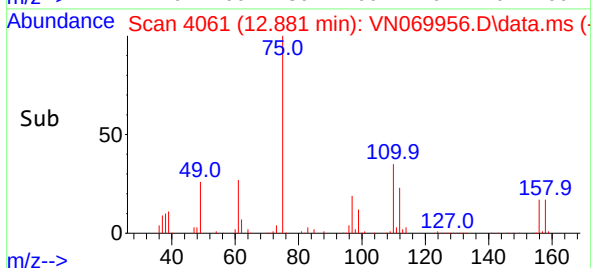
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

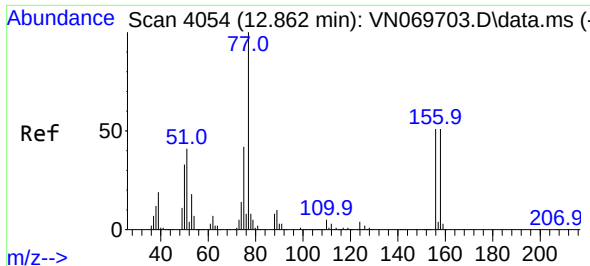


#76
1,2,3-Trichloropropane
Concen: 46.470 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



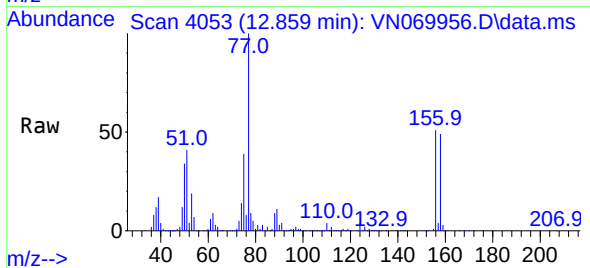
Tgt Ion: 75 Resp: 808502
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 51.260 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

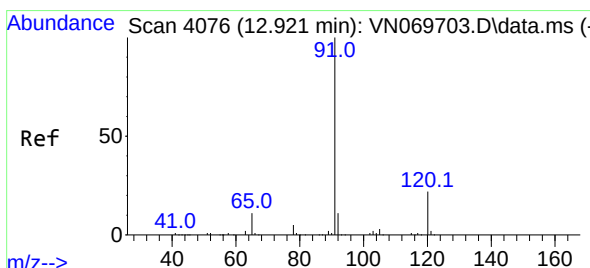
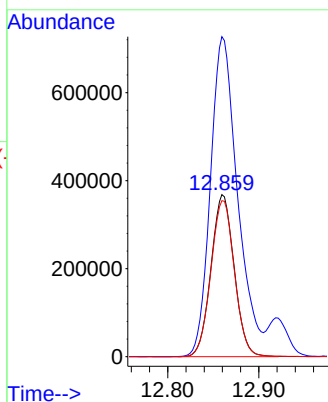
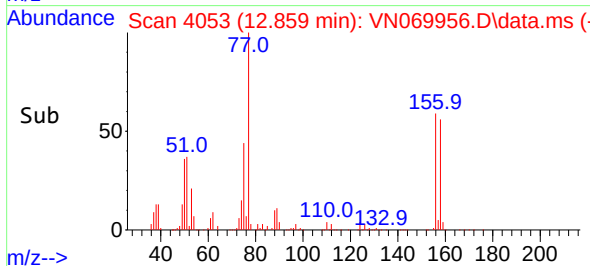
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



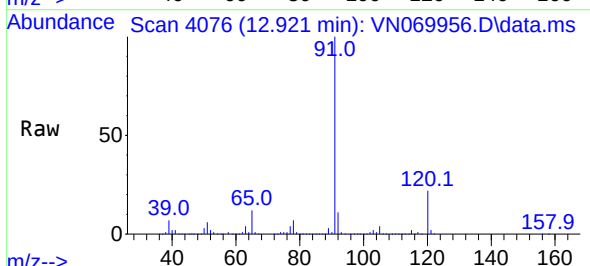
Tgt Ion:156 Resp: 649908
Ion Ratio Lower Upper
156 100
77 230.8 90.6 271.8
158 97.8 48.9 146.7

Manual Integrations
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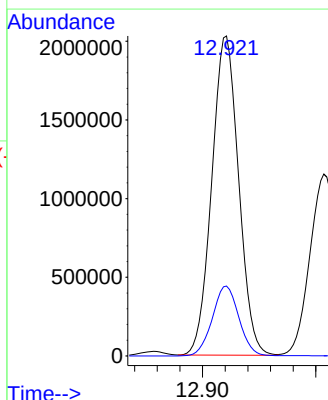
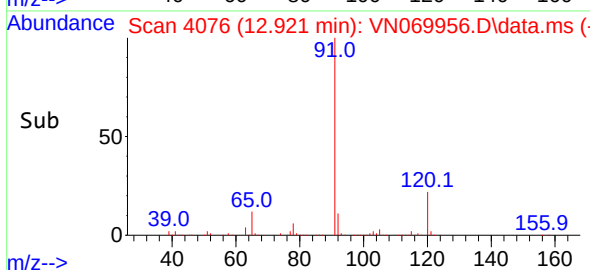
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

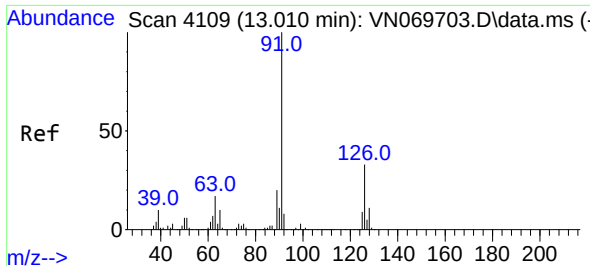


#78
n-propylbenzene
Concen: 55.529 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion: 91 Resp: 3335418
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





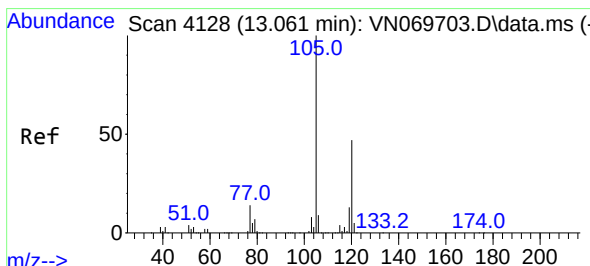
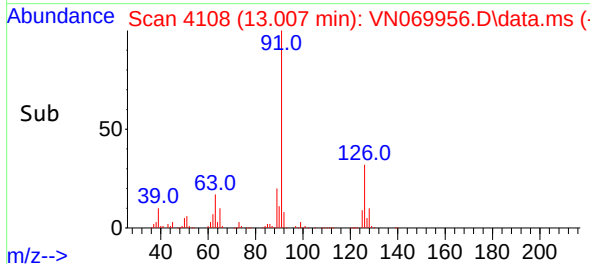
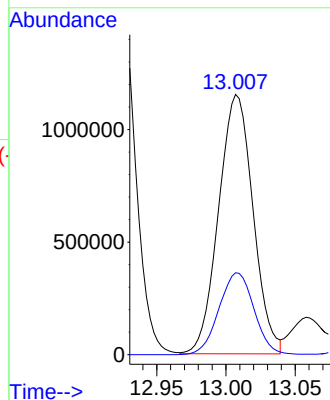
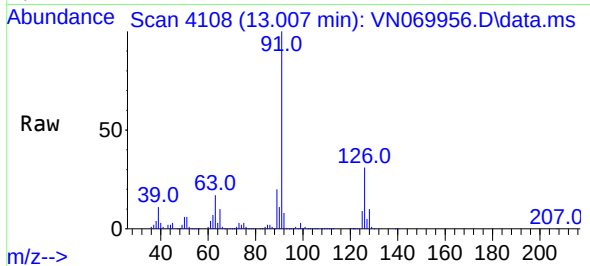
#79
2-Chlorotoluene
Concen: 52.626 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1997340
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

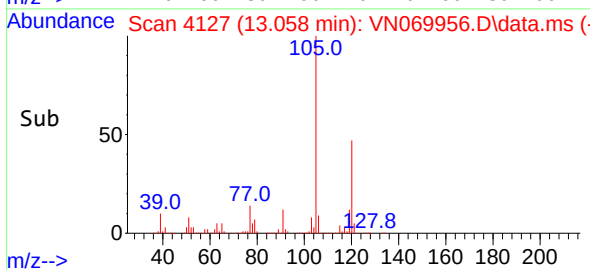
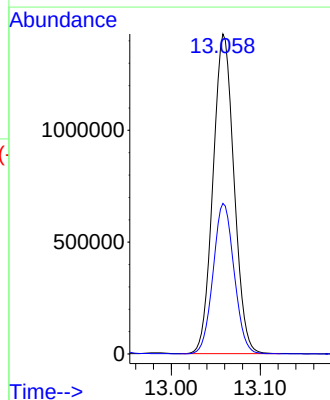
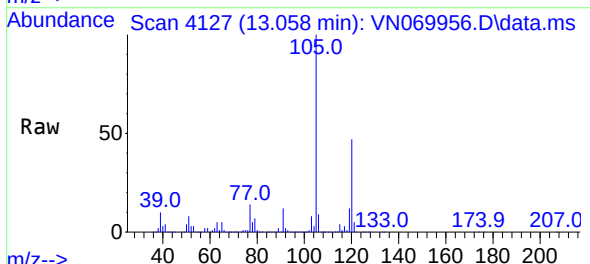
Manual Integrations
APPROVED

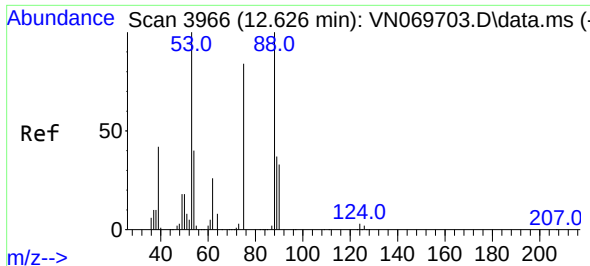
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.915 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

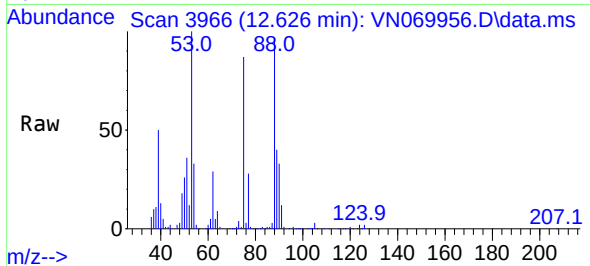
Tgt Ion:105 Resp: 2342402
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 55.730 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

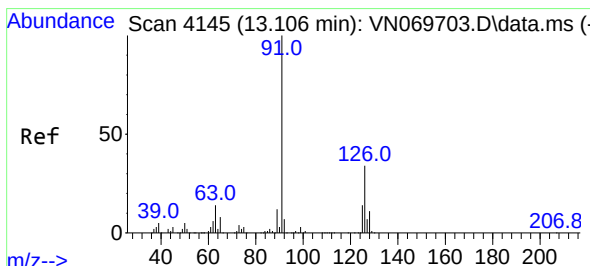
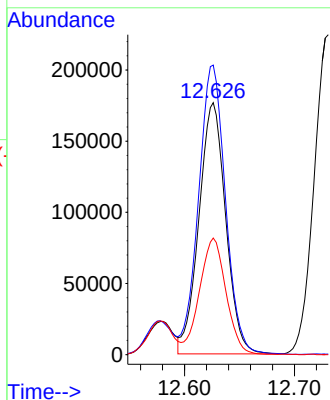
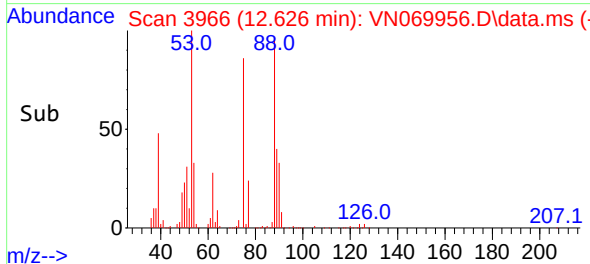
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



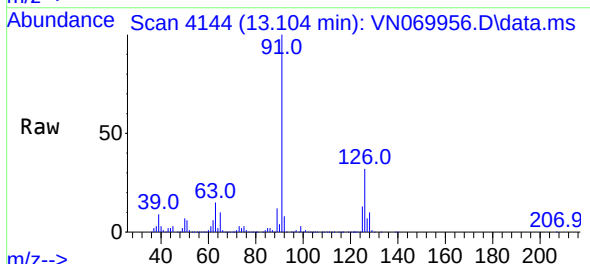
Tgt Ion: 75 Resp: 298950
Ion Ratio Lower Upper
75 100
53 116.1 90.5 135.7
89 45.8 38.2 57.4

Manual Integrations
APPROVED

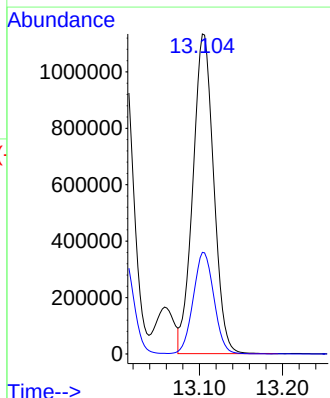
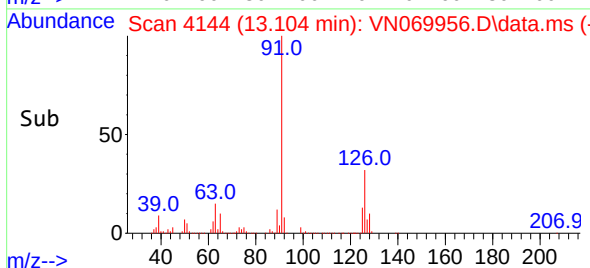
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

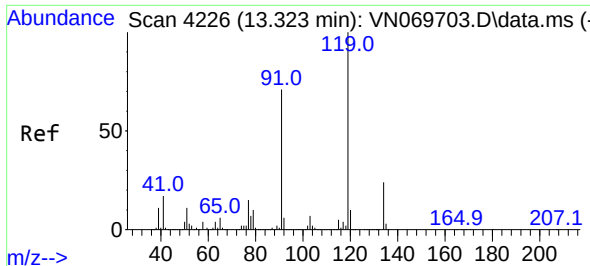


#82
4-Chlorotoluene
Concen: 55.148 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



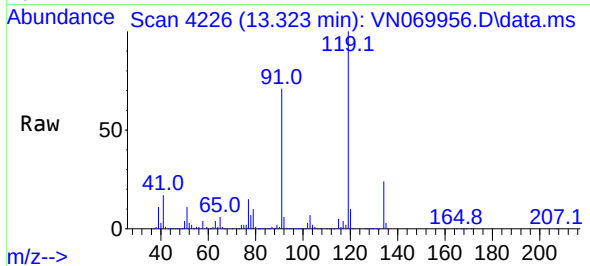
Tgt Ion: 91 Resp: 1968386
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.496 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

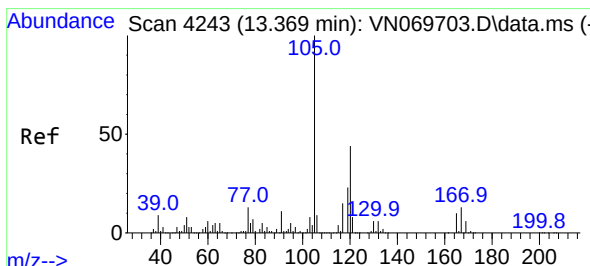
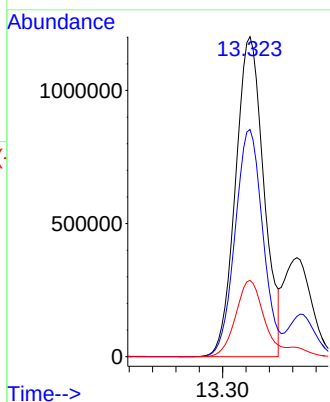
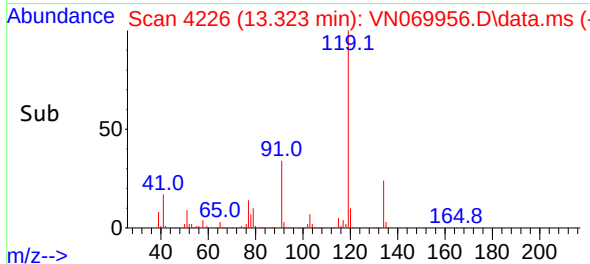
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



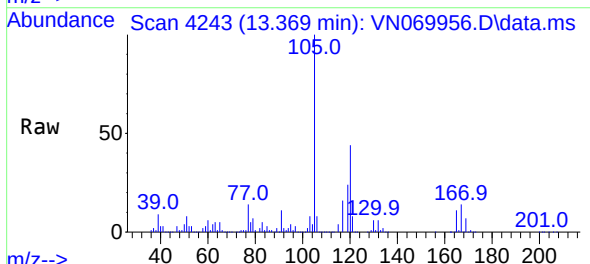
Tgt Ion:119 Resp: 2019528
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
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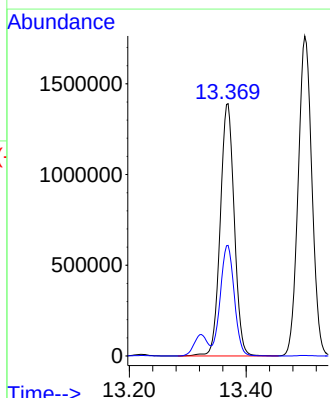
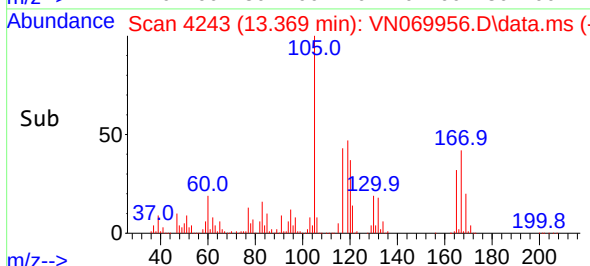
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

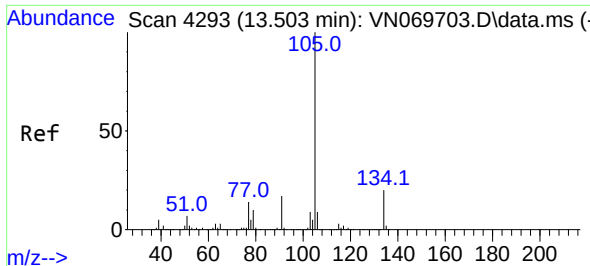


#84
1,2,4-Trimethylbenzene
Concen: 55.904 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion:105 Resp: 2313088
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 55.150 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069956.D
 Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

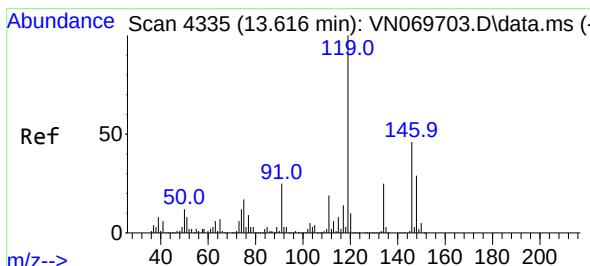
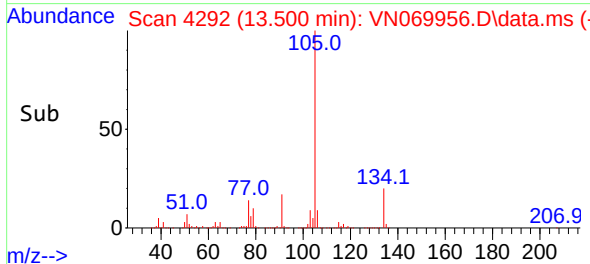
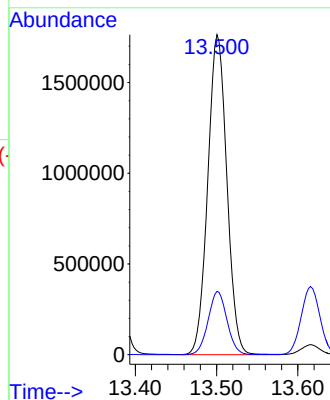
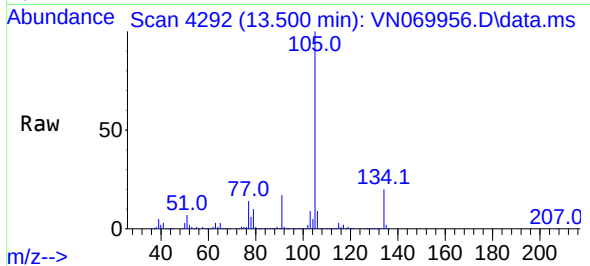
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 287780
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

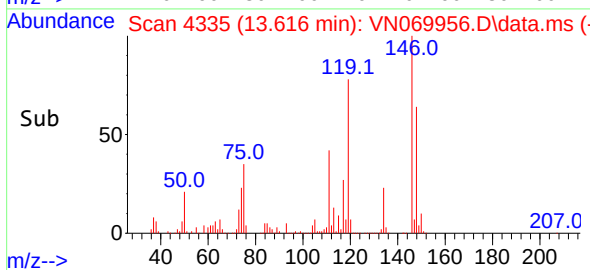
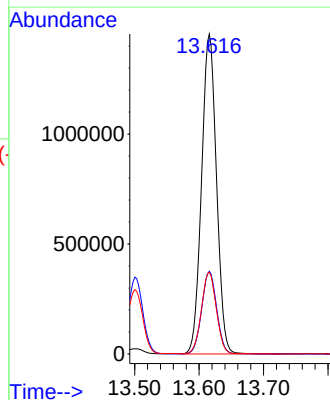
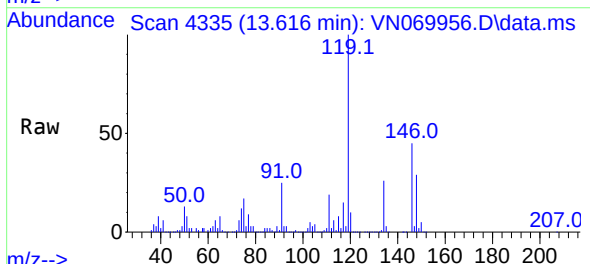
Manual Integrations
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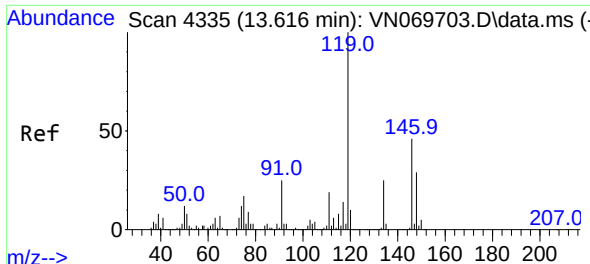
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 57.303 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069956.D
 Acq: 10 Dec 2021 12:13

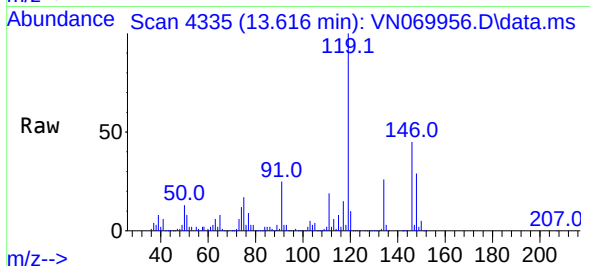
Tgt Ion:119 Resp: 2337255
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 54.775 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

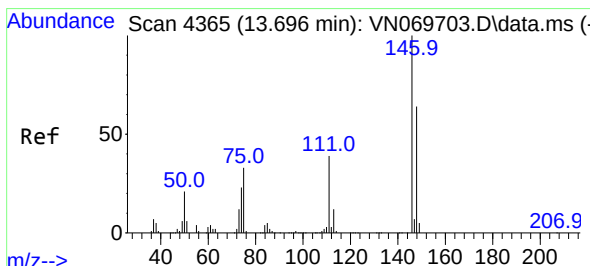
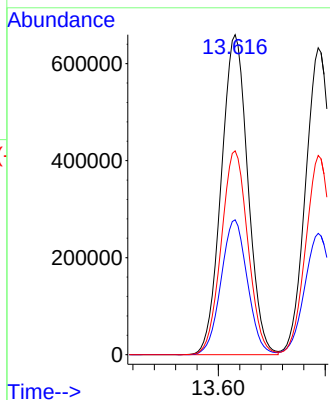
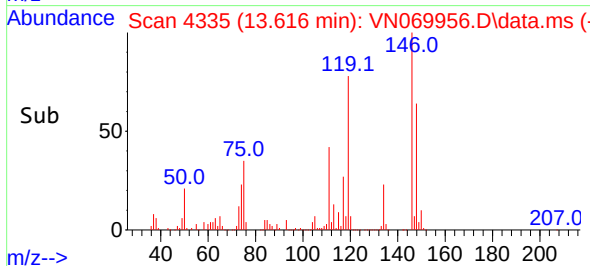
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



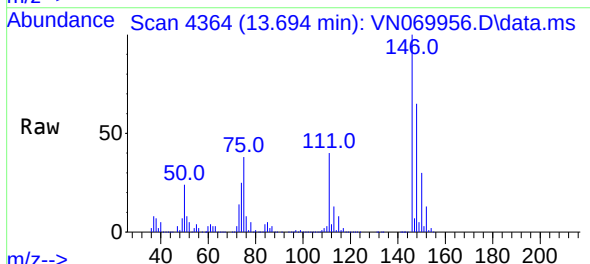
Tgt Ion:146 Resp: 1140904
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

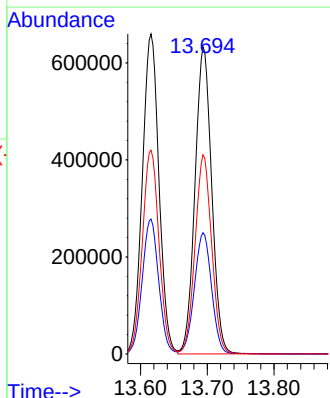
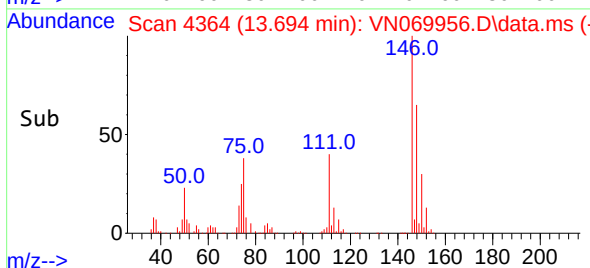
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

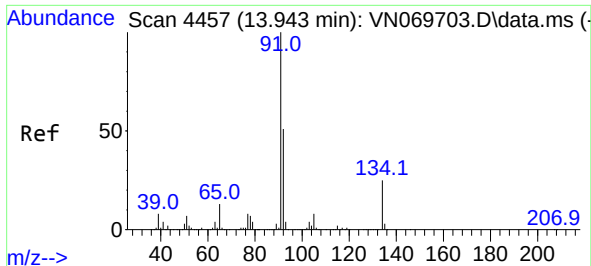


#88
1,4-Dichlorobenzene
Concen: 53.747 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



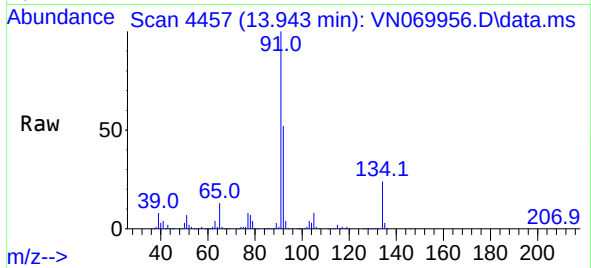
Tgt Ion:146 Resp: 1100169
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 60.906 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

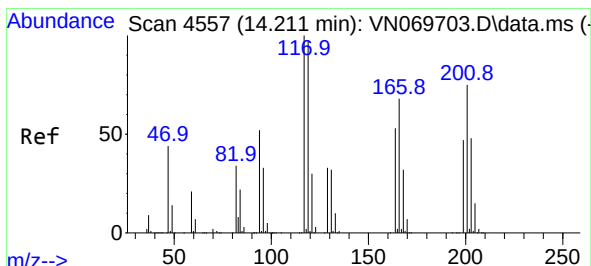
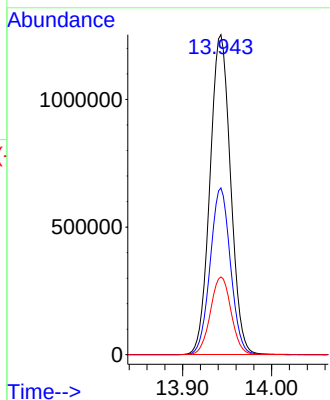
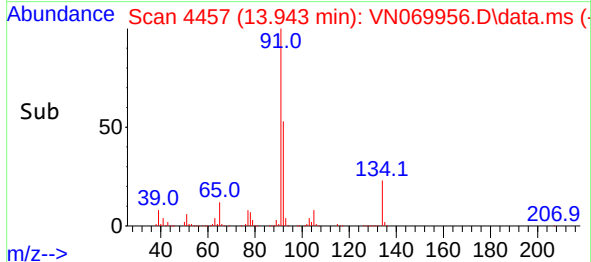
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 201518
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.5 13.6 40.8

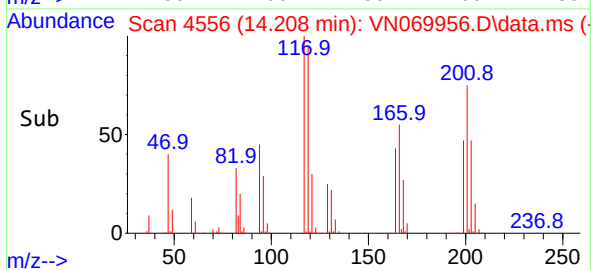
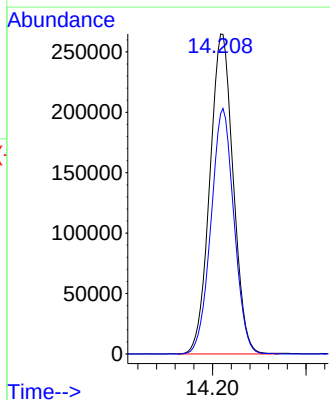
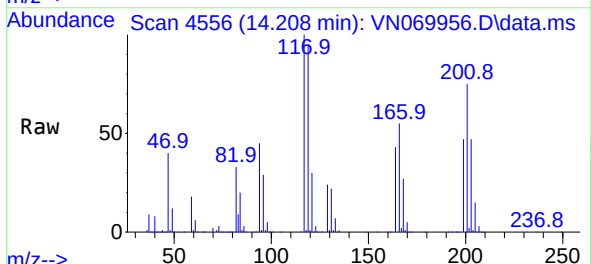
Manual Integrations
APPROVED

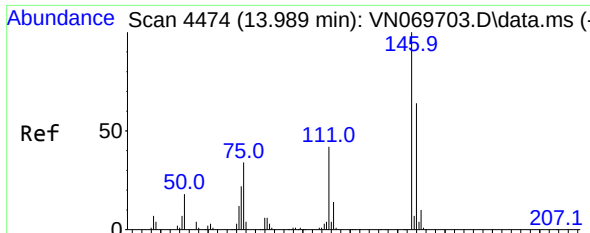
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 64.285 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

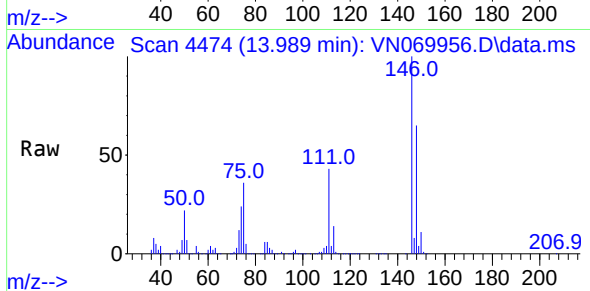
Tgt Ion:117 Resp: 460355
Ion Ratio Lower Upper
117 100
201 75.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.193 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

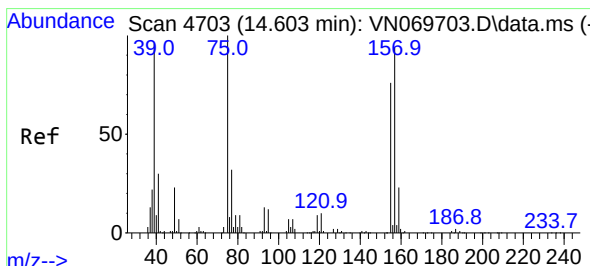
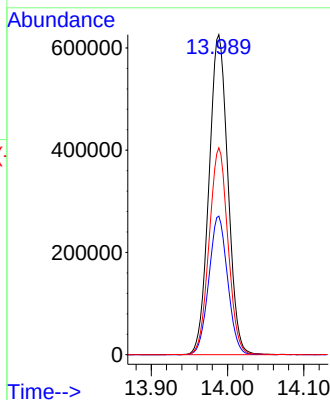
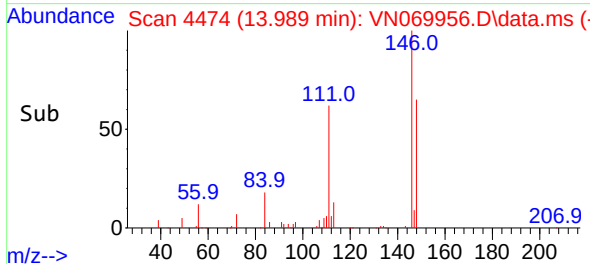
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



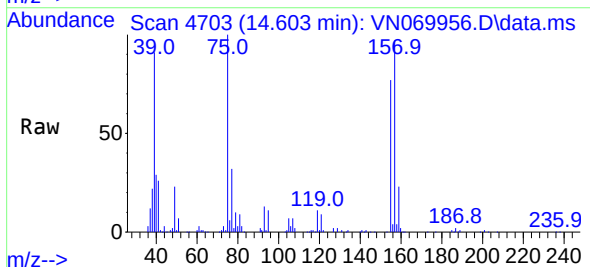
Tgt Ion:146 Resp: 1079534
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
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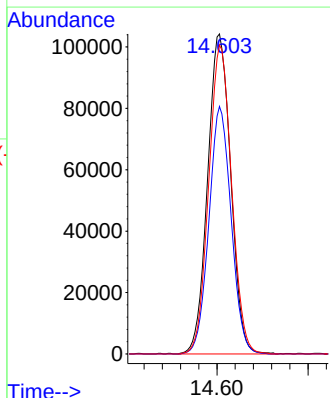
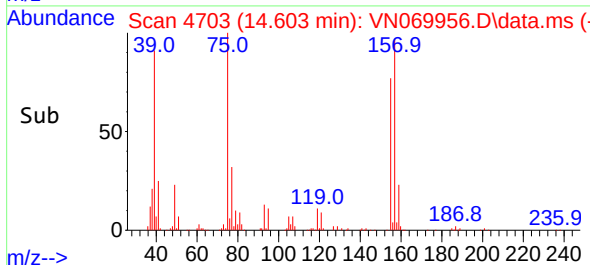
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

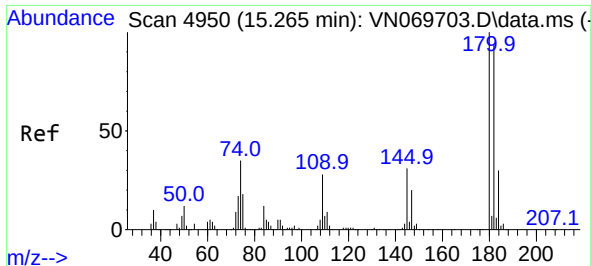


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.362 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



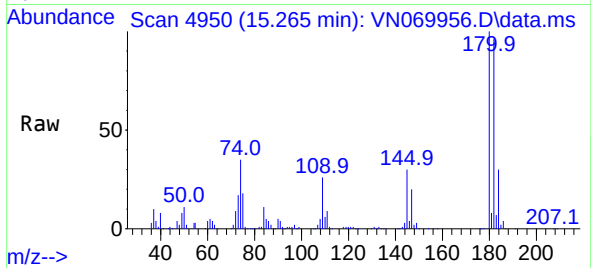
Tgt Ion: 75 Resp: 183357
Ion Ratio Lower Upper
75 100
155 74.5 46.9 140.7
157 95.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 54.854 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

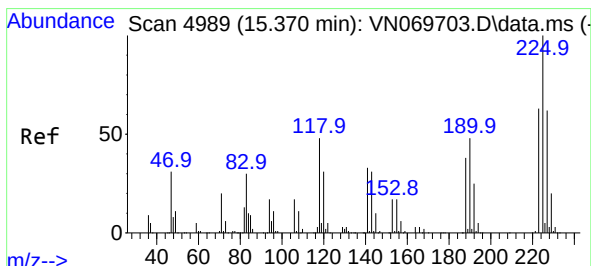
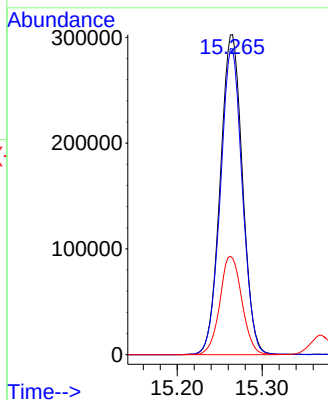
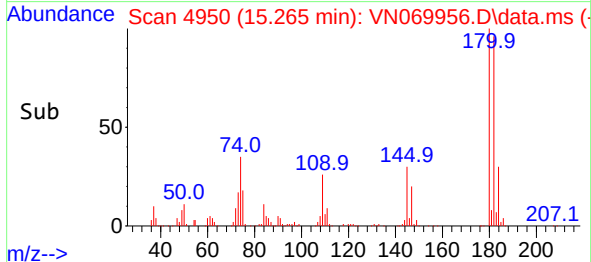
Instrument :
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ClientSampleId :
VSTDCCC050



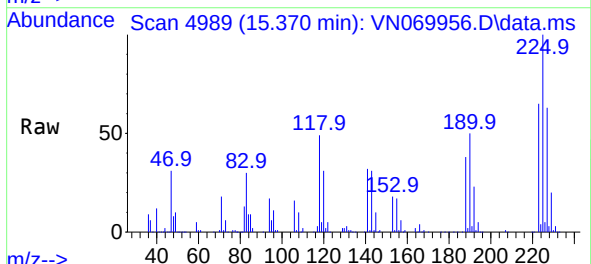
Tgt Ion:180 Resp: 548954
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
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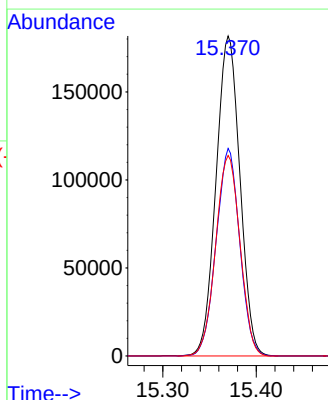
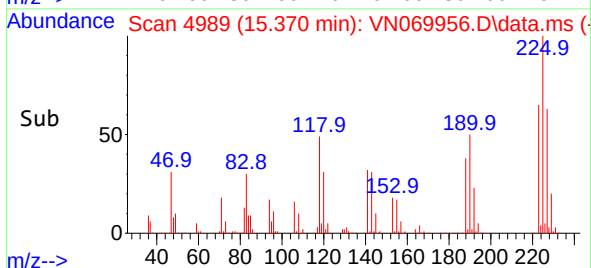
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

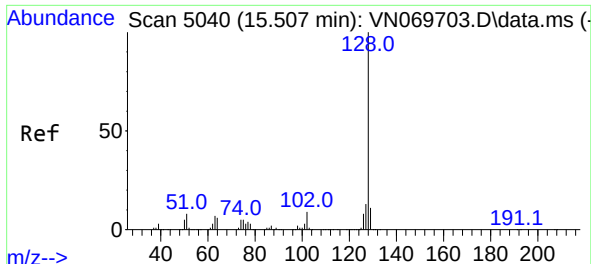


#94
Hexachlorobutadiene
Concen: 60.019 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13



Tgt Ion:225 Resp: 322815
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 49.215 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

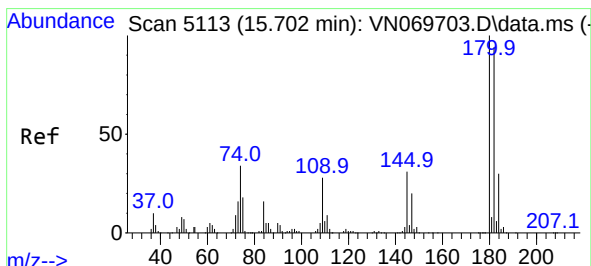
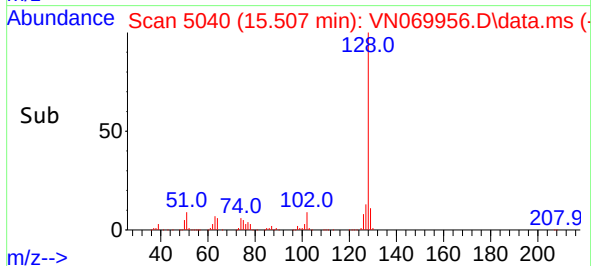
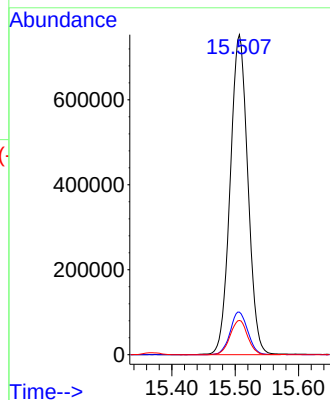
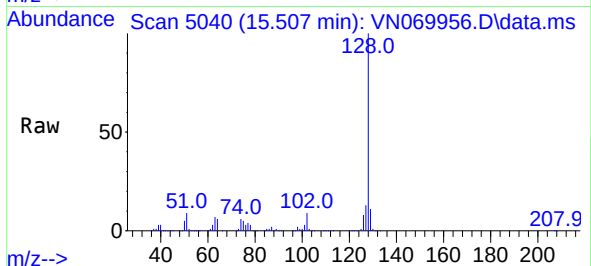
VSTDCCC050

Tgt Ion:128 Resp: 1457134
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.990 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069956.D
Acq: 10 Dec 2021 12:13

Tgt Ion:180 Resp: 525727
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.2
145 32.5 15.0 45.1

