

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069502.D
 Acq On : 15 Nov 2021 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:55:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1171210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1982011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1879778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	835213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	839728	49.448	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.900%		
35) Dibromofluoromethane	8.021	113	602080	50.649	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.300%		
50) Toluene-d8	10.440	98	2370699	50.708	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.731	95	869255	50.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	546973	43.714	ug/l	100
3) Chloromethane	2.303	50	604219	41.638	ug/l	97
4) Vinyl Chloride	2.445	62	620956	42.737	ug/l	97
5) Bromomethane	2.842	94	360174	38.168	ug/l	99
6) Chloroethane	3.014	64	405325	41.329	ug/l	96
7) Trichlorofluoromethane	3.373	101	934662	41.622	ug/l	98
8) Diethyl Ether	3.824	74	326202	44.898	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	470220	44.452	ug/l	94
10) Methyl Iodide	4.417	142	618968	47.707	ug/l	98
11) Tert butyl alcohol	5.379	59	690303	225.584	ug/l	98
12) 1,1-Dichloroethene	4.178	96	421454	44.398	ug/l	90
13) Acrolein	4.041	56	95864	220.443	ug/l	100
14) Allyl chloride	4.838	41	967403	46.095	ug/l	94
15) Acrylonitrile	5.554	53	1934778	246.899	ug/l	98
16) Acetone	4.288	43	1826584	199.355	ug/l	97
17) Carbon Disulfide	4.527	76	869285	38.740	ug/l	98
18) Methyl Acetate	4.856	43	1410835	47.368	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	1960509	48.801	ug/l	96
20) Methylene Chloride	5.093	84	572439	44.059	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	486402	45.876	ug/l	88
22) Diisopropyl ether	6.498	45	2192960	48.507	ug/l	96
23) Vinyl Acetate	6.433	43	8723472	249.482	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1085359	47.134	ug/l	98
25) 2-Butanone	7.337	43	2916010	235.034	ug/l	93
26) 2,2-Dichloropropane	7.327	77	797487	44.264	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	629581	47.901	ug/l	89
28) Bromochloromethane	7.659	49	599134	50.807	ug/l #	81
29) Tetrahydrofuran	7.686	42	1905197	250.232	ug/l	90
30) Chloroform	7.820	83	1137430	48.182	ug/l	100
31) Cyclohexane	8.094	56	967790	41.714	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	942179	47.815	ug/l	95
36) 1,1-Dichloropropene	8.222	75	770832	46.220	ug/l	97
37) Ethyl Acetate	7.415	43	1150233	51.021	ug/l	96
38) Carbon Tetrachloride	8.206	117	768938	47.757	ug/l	97
39) Methylcyclohexane	9.459	83	928296	44.745	ug/l	92
40) Benzene	8.461	78	2431874	47.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	561537	48.205	ug/l	92
42) 1,2-Dichloroethane	8.531	62	973447	48.295	ug/l	97
43) Isopropyl Acetate	8.560	43	1849830	51.085	ug/l	93
44) Trichloroethene	9.215	130	579634	47.048	ug/l	94
45) 1,2-Dichloropropane	9.491	63	676752	49.206	ug/l	99
46) Dibromomethane	9.577	93	439030	47.658	ug/l	93
47) Bromodichloromethane	9.762	83	868929	50.548	ug/l	100
48) Methyl methacrylate	9.561	41	837221	49.143	ug/l	91
49) 1,4-Dioxane	9.569	88	281881	841.347	ug/l #	88
51) 4-Methyl-2-Pentanone	10.330	43	6093915	260.723	ug/l	96
52) Toluene	10.505	92	1544184	48.151	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	908236	43.342	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	988867	44.593	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	646464	50.007	ug/l	98
56) Ethyl methacrylate	10.759	69	1098958	45.310	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1122033	49.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1327697	215.415	ug/l	93
59) 2-Hexanone	11.084	43	4435126	225.538	ug/l	94
60) Dibromochloromethane	11.237	129	627867	44.529	ug/l	100
61) 1,2-Dibromoethane	11.347	107	664279	46.122	ug/l	98
64) Tetrachloroethene	10.977	164	493672	43.494	ug/l	96
65) Chlorobenzene	11.771	112	1669636	47.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	617106	50.849	ug/l	100
67) Ethyl Benzene	11.843	91	3092354	47.920	ug/l	97
68) m/p-Xylenes	11.953	106	2273090	95.775	ug/l	94
69) o-Xylene	12.280	106	1152160	48.695	ug/l	94
70) Styrene	12.294	104	1890993	44.679	ug/l	96
71) Bromoform	12.457	173	450792	43.274	ug/l #	100
73) Isopropylbenzene	12.578	105	3068082	46.136	ug/l	98
74) N-amyl acetate	12.387	43	1425760	50.590	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1075541	47.954	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	899713m	46.678	ug/l	
77) Bromobenzene	12.859	156	705084	46.360	ug/l	80
78) n-propylbenzene	12.921	91	3472963	46.413	ug/l	97
79) 2-Chlorotoluene	13.007	91	2115721	45.665	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2495697	46.423	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	268202	42.413	ug/l	94
82) 4-Chlorotoluene	13.104	91	2039282	46.173	ug/l	93
83) tert-Butylbenzene	13.323	119	2255400	47.874	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	2458736	47.375	ug/l	98
85) sec-Butylbenzene	13.500	105	3096612	47.054	ug/l	97
86) p-Isopropyltoluene	13.616	119	2492331	47.707	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1236410	46.891	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1188882	45.960	ug/l	98
89) n-Butylbenzene	13.943	91	2036730	46.750	ug/l	98
90) Hexachloroethane	14.211	117	423446	44.352	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	1205481	48.045	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	188305	45.332	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	543621	41.889	ug/l	98
94) Hexachlorobutadiene	15.370	225	313645	48.110	ug/l	100
95) Naphthalene	15.507	128	1569479	43.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	537291	43.199	ug/l	98

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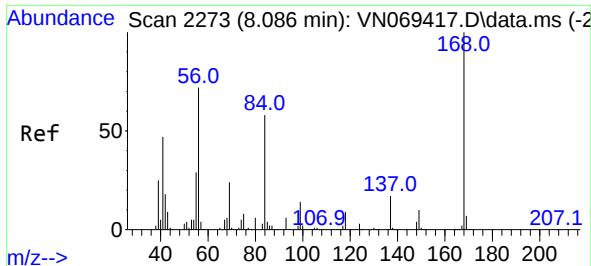
Manual Integrations
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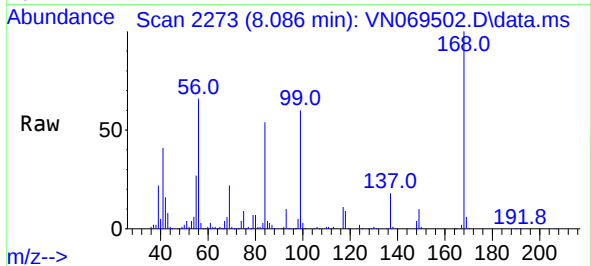
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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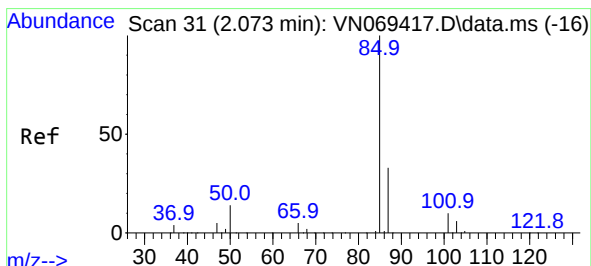
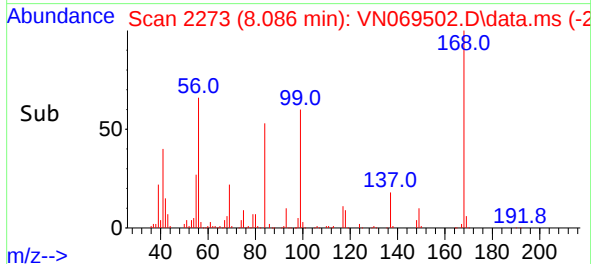
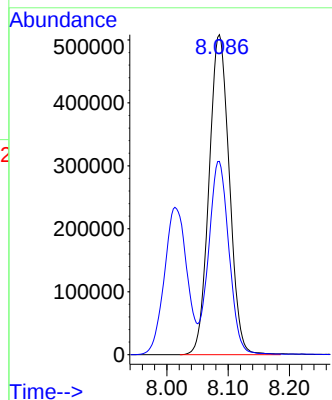
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 1171210
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

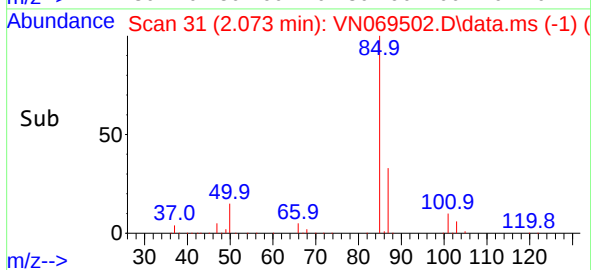
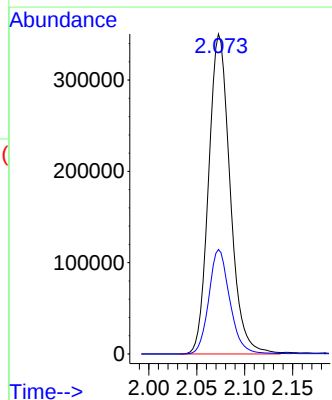
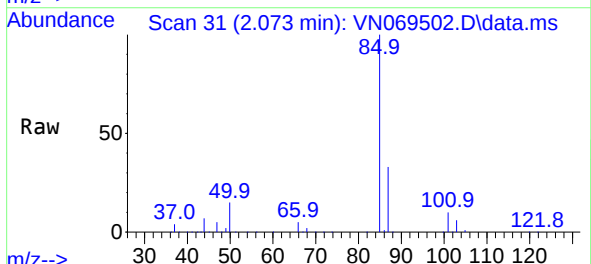
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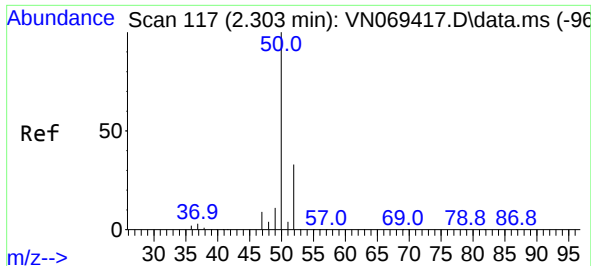
Reviewed By :John Carlone 11/16/2021
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#2
Dichlorodifluoromethane
Concen: 43.714 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

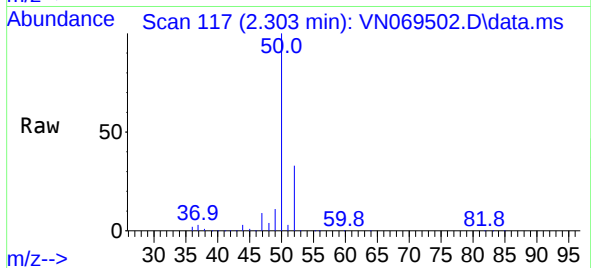
Tgt Ion: 85 Resp: 546973
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





#3
Chloromethane
Concen: 41.638 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

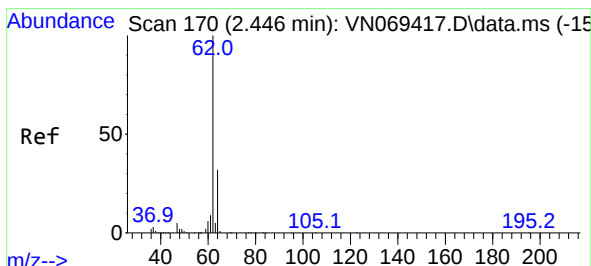
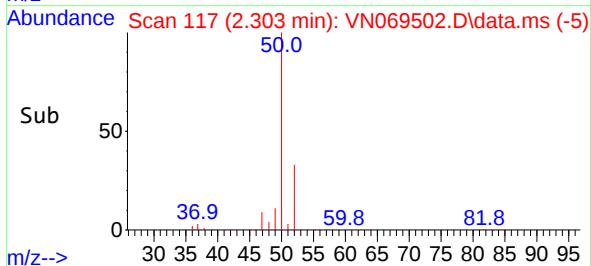
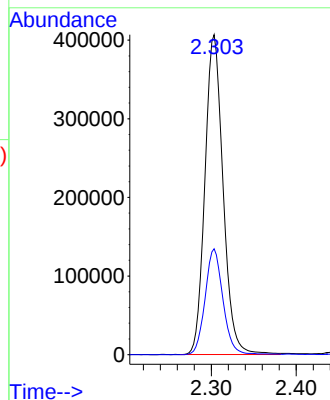
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Tgt Ion: 50 Resp: 604219
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0

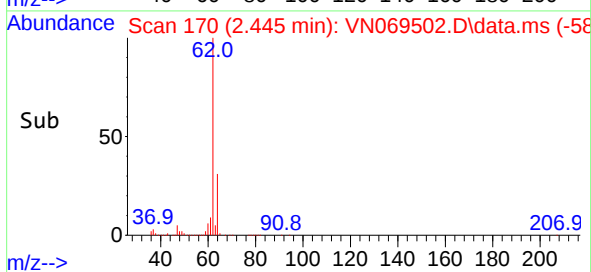
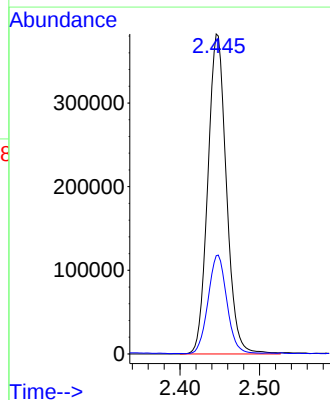
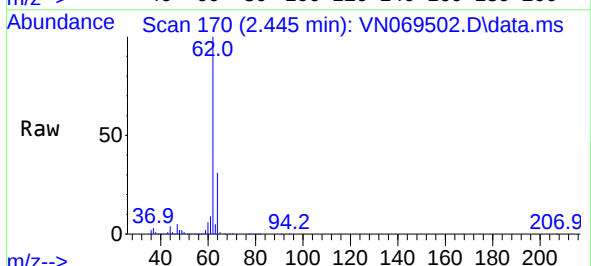
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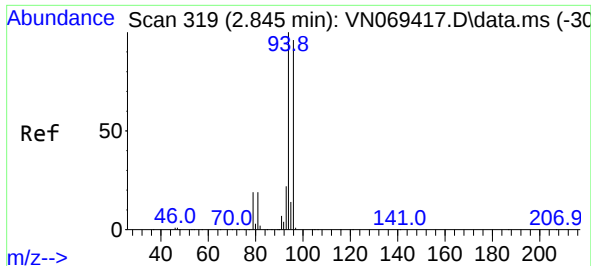
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#4
Vinyl Chloride
Concen: 42.737 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

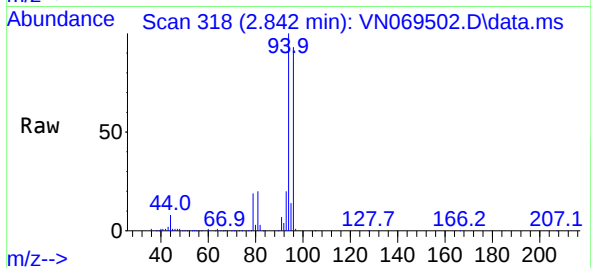
Tgt Ion: 62 Resp: 620956
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6





#5
Bromomethane
Concen: 38.168 ug/l
RT: 2.842 min Scan# 319
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

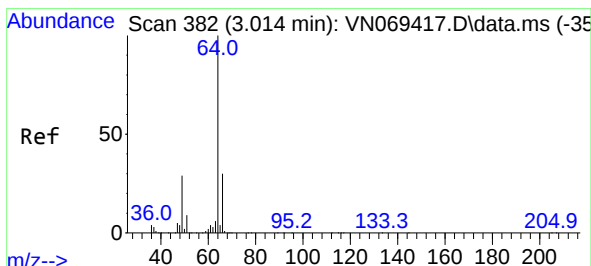
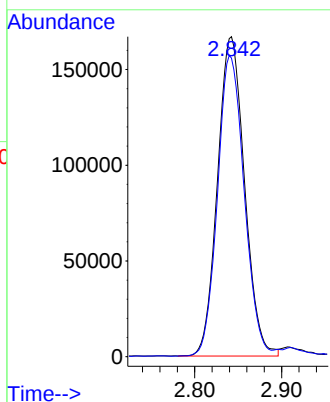
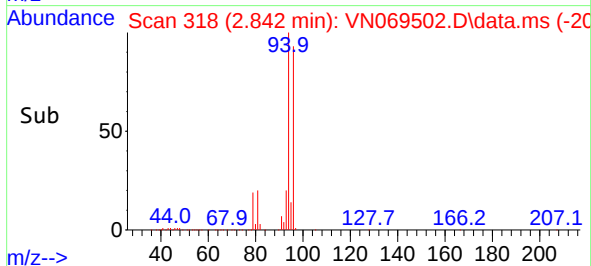
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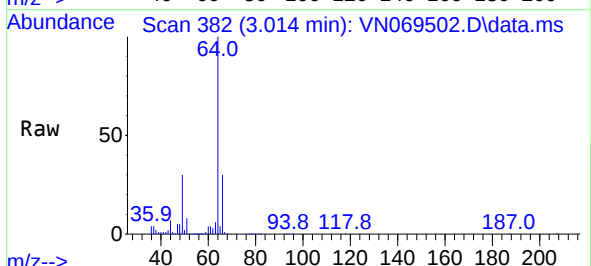
Tgt Ion: 94 Resp: 360174
Ion Ratio Lower Upper
94 100
96 93.3 73.8 110.8

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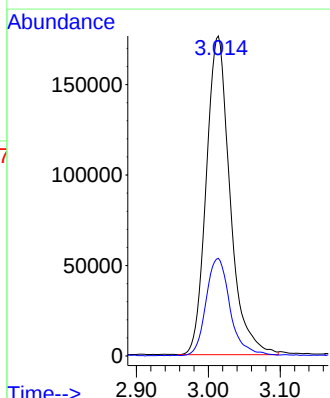
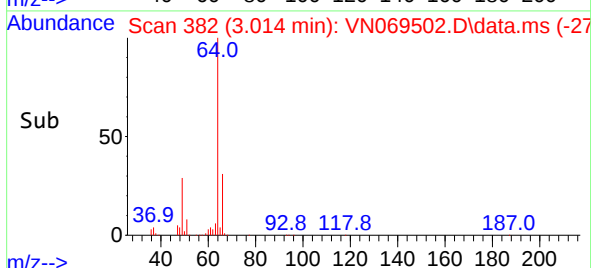
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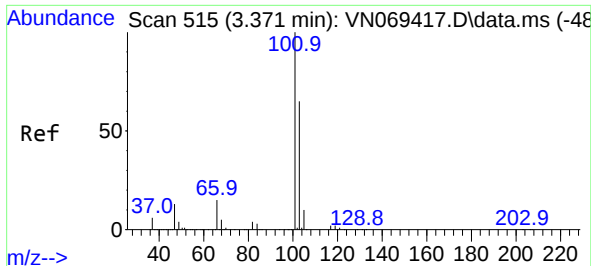


#6
Chloroethane
Concen: 41.329 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN069502.D
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Tgt Ion: 64 Resp: 405325
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





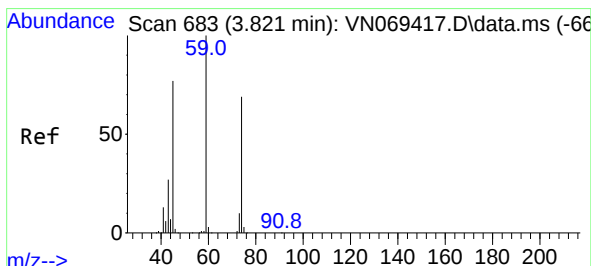
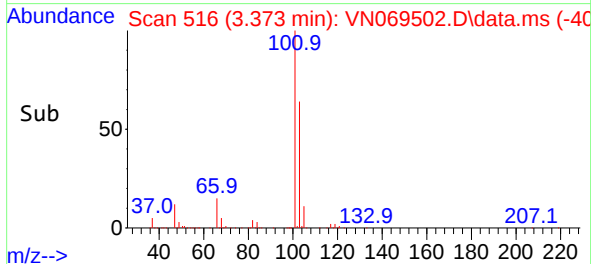
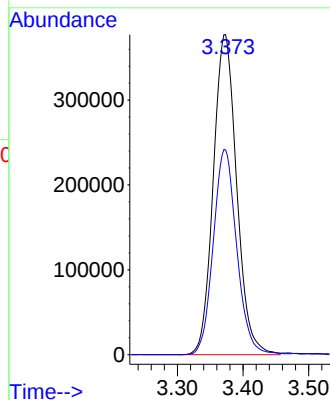
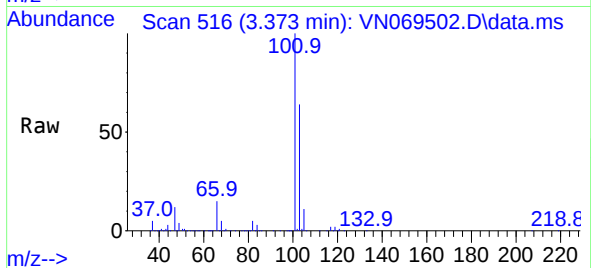
#7
Trichlorofluoromethane
Concen: 41.622 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.002 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 934662
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

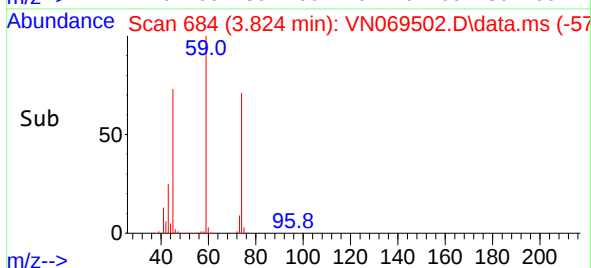
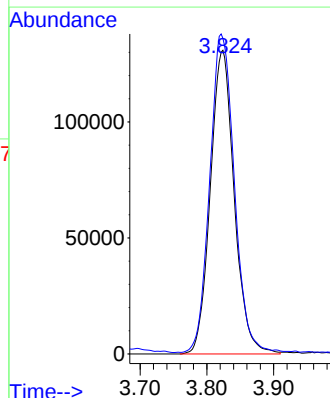
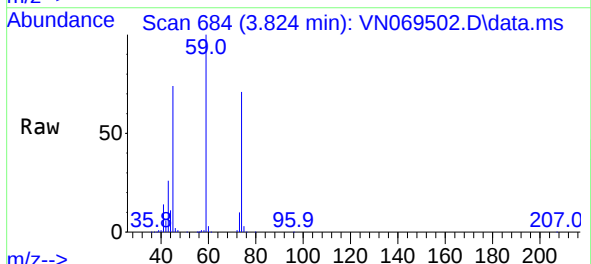
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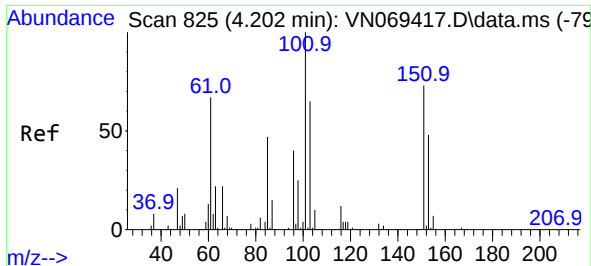
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#8
Diethyl Ether
Concen: 44.898 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069502.D
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Tgt Ion: 74 Resp: 326202
Ion Ratio Lower Upper
74 100
45 107.1 47.0 141.2





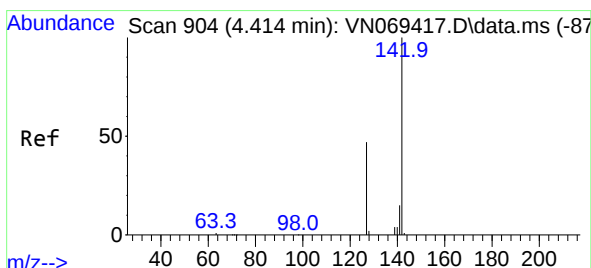
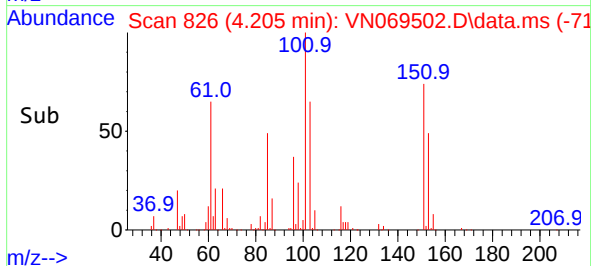
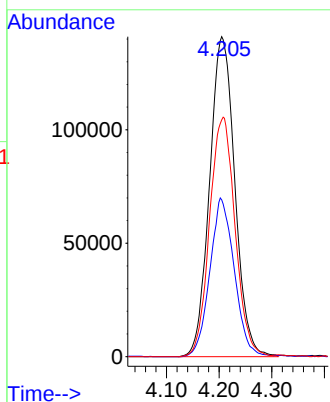
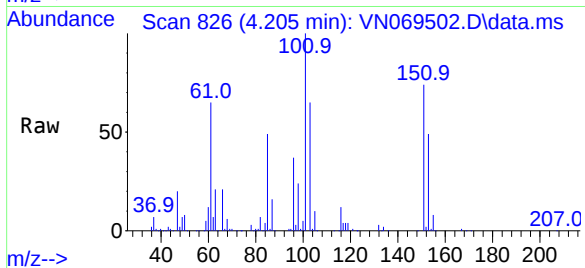
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.452 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 470220
Ion Ratio Lower Upper
101 100
85 47.9 37.2 55.8
151 75.6 65.9 98.9

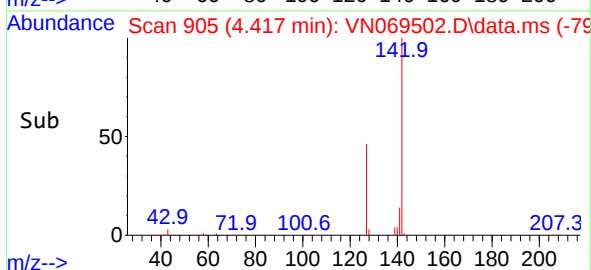
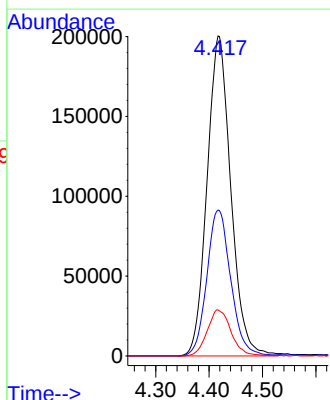
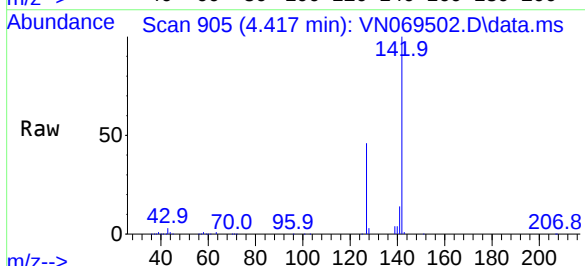
Manual Integrations
APPROVED

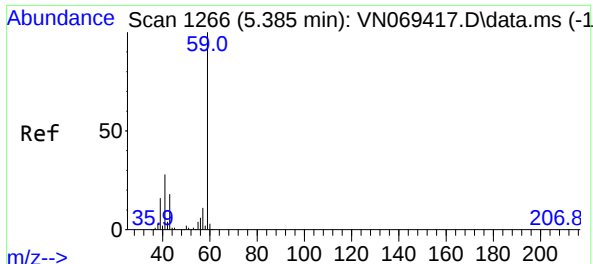
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 47.707 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

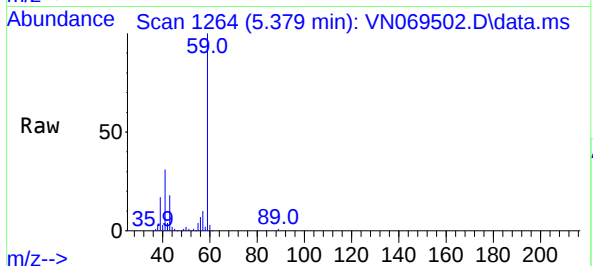
Tgt Ion:142 Resp: 618968
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 225.584 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

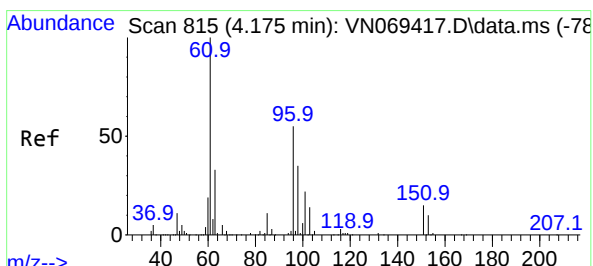
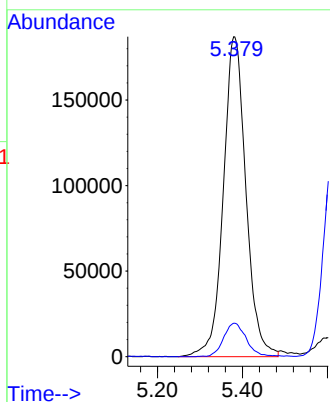
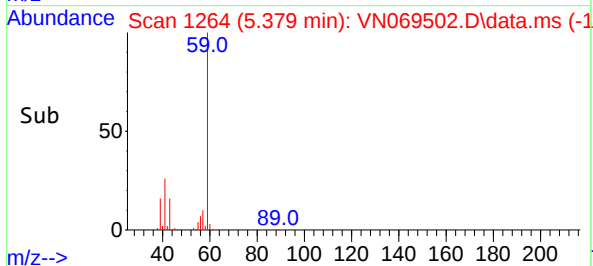
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



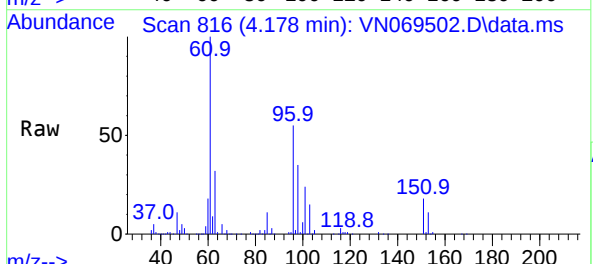
Tgt Ion: 59 Resp: 69030
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
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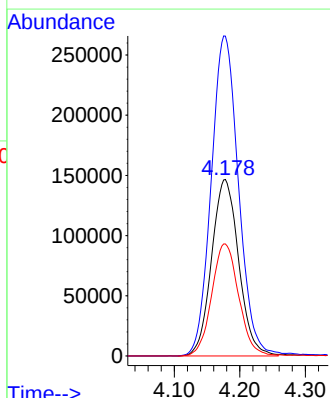
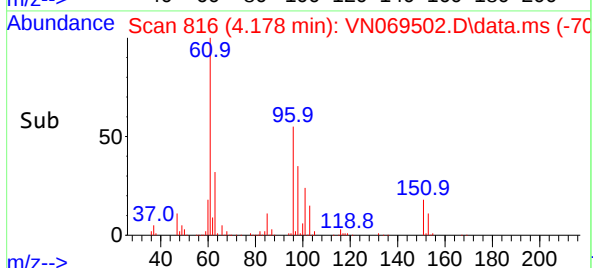
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

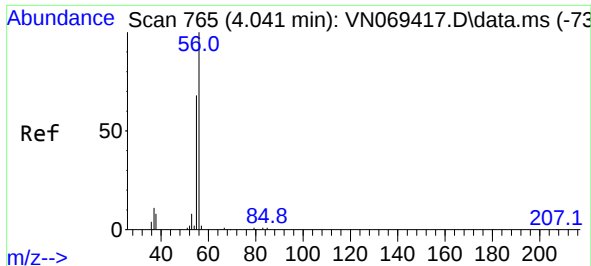


#12
1,1-Dichloroethene
Concen: 44.398 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



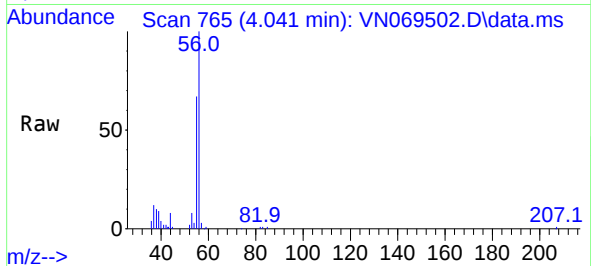
Tgt Ion: 96 Resp: 421454
Ion Ratio Lower Upper
96 100
61 181.2 131.0 196.6
98 63.4 52.4 78.6





#13
Acrolein
Concen: 220.443 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

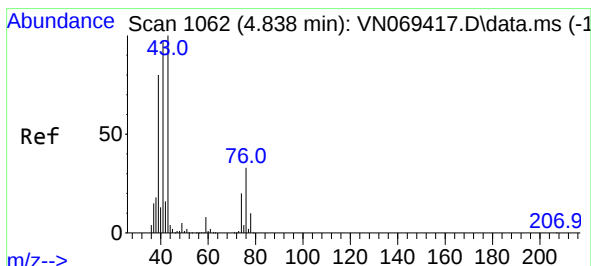
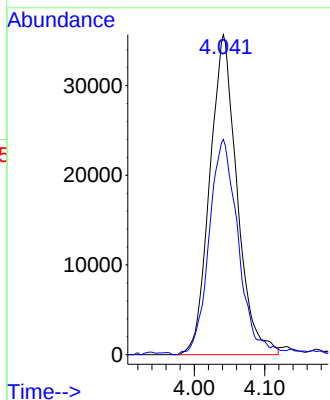
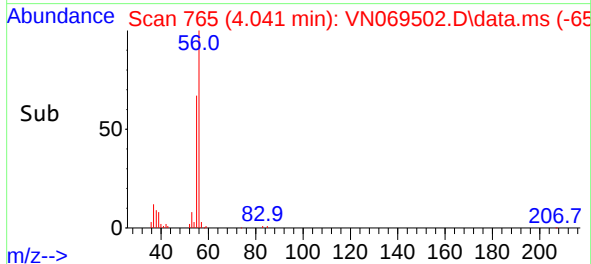
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



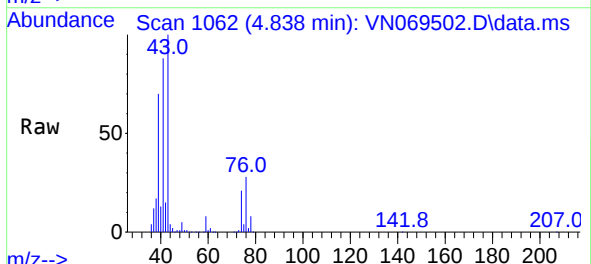
Tgt Ion: 56 Resp: 95864
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

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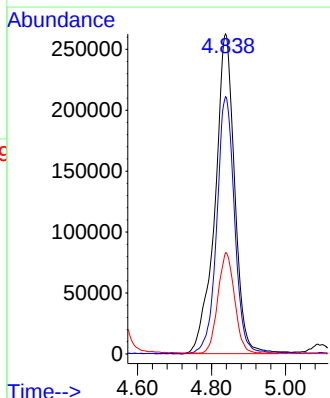
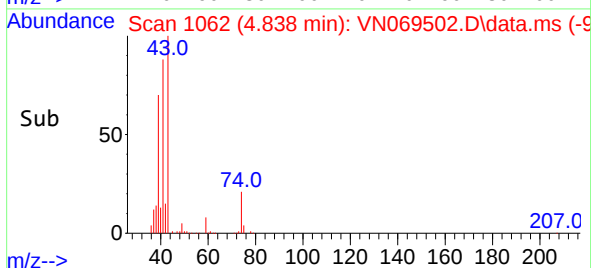
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

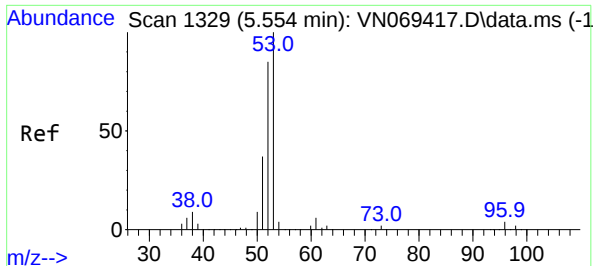


#14
Allyl chloride
Concen: 46.095 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



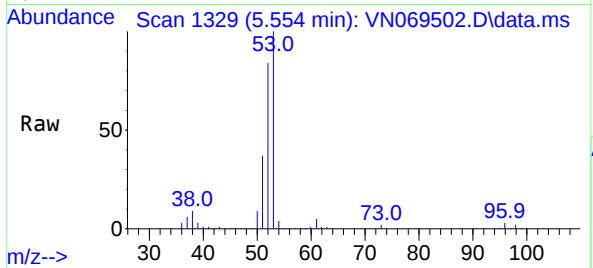
Tgt Ion: 41 Resp: 967403
Ion Ratio Lower Upper
41 100
39 73.0 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 246.899 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

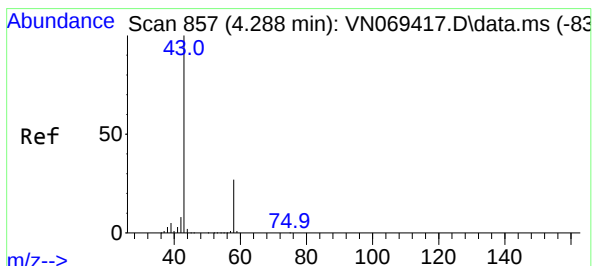
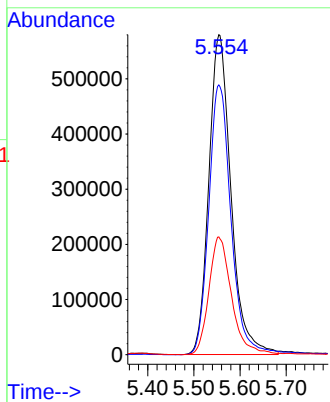
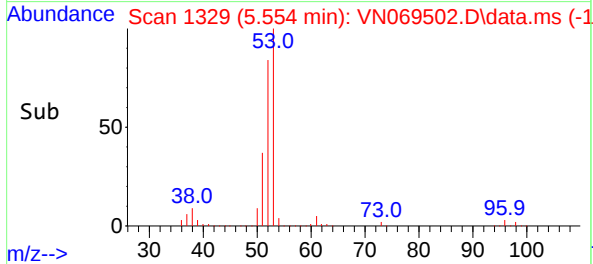
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1934778
Ion Ratio Lower Upper
53 100
52 85.3 66.2 99.2
51 37.9 29.6 44.4

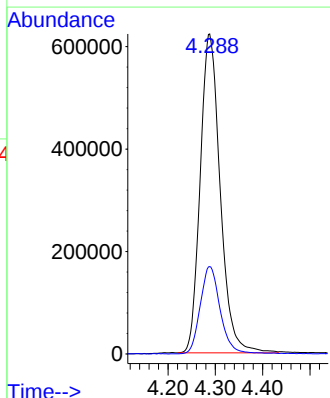
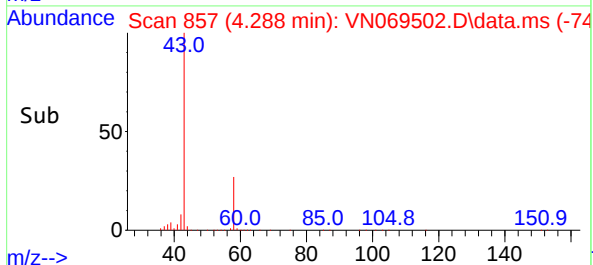
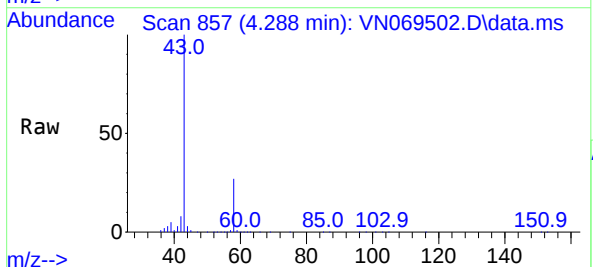
Manual Integrations
APPROVED

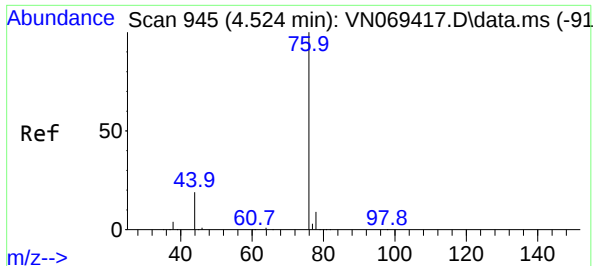
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 199.355 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

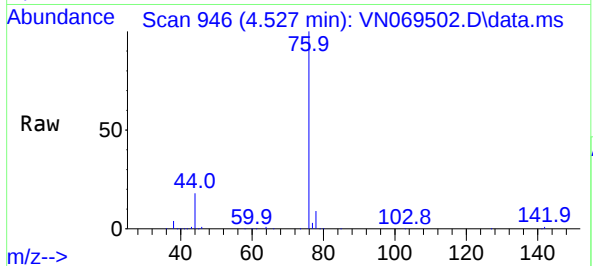
Tgt Ion: 43 Resp: 1826584
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 38.740 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

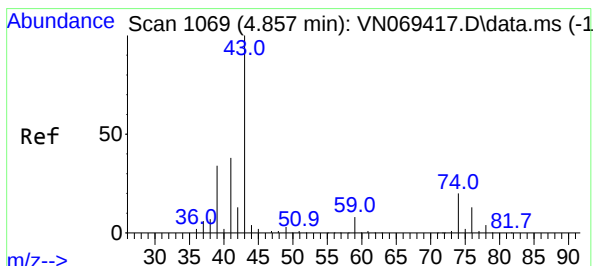
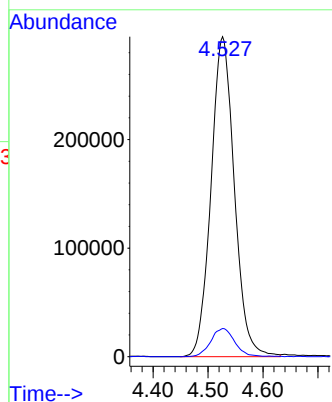
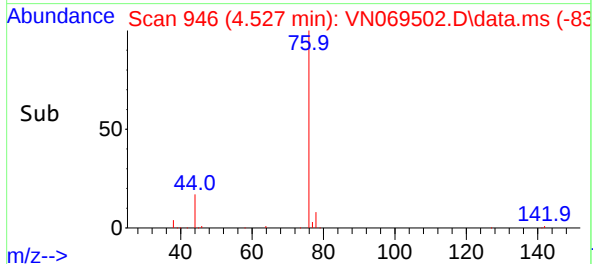
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



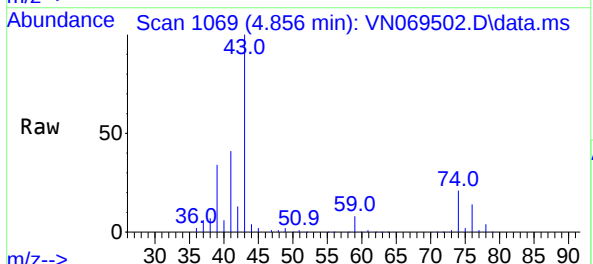
Tgt Ion: 76 Resp: 869285
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
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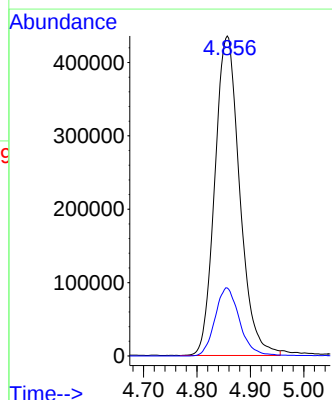
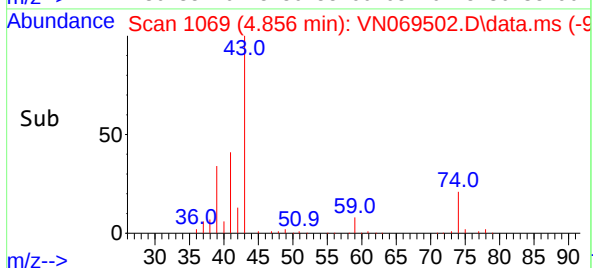
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

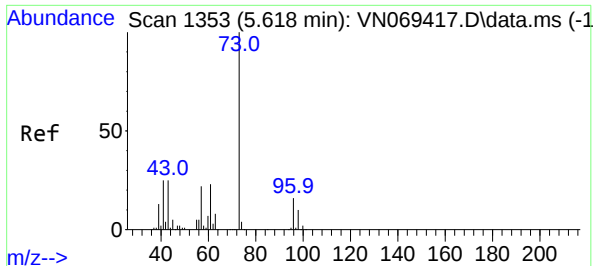


#18
Methyl Acetate
Concen: 47.368 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



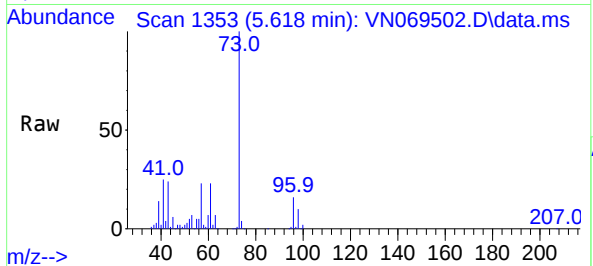
Tgt Ion: 43 Resp: 1410835
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 48.801 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

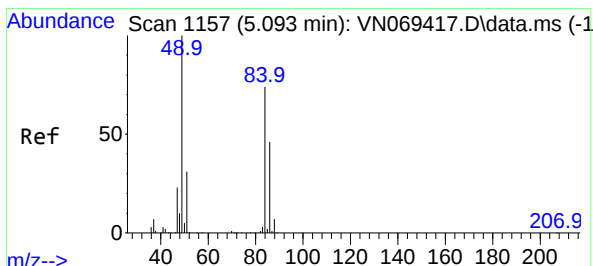
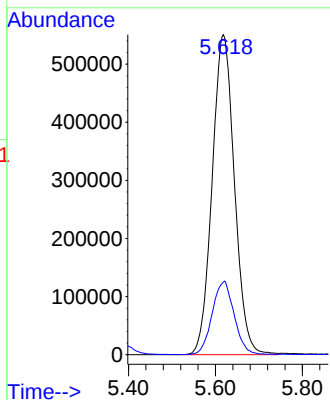
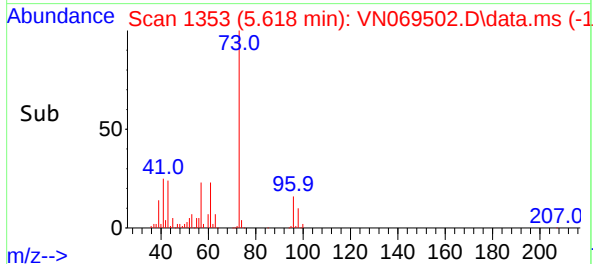
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



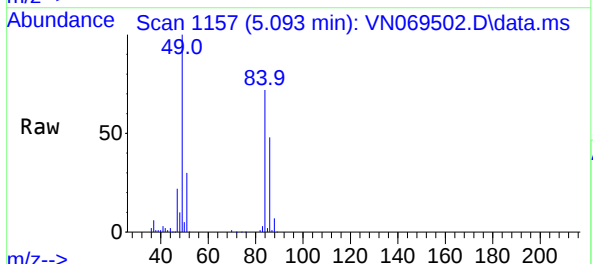
Tgt Ion: 73 Resp: 1960509
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

Manual Integrations
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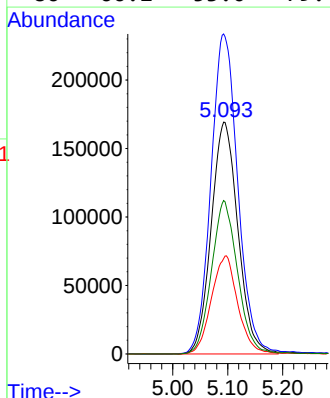
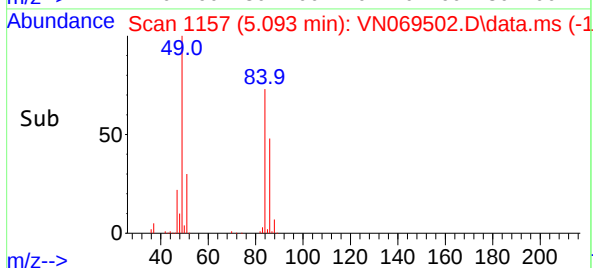
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

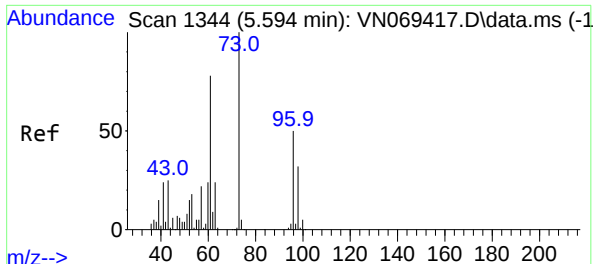


#20
Methylene Chloride
Concen: 44.059 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



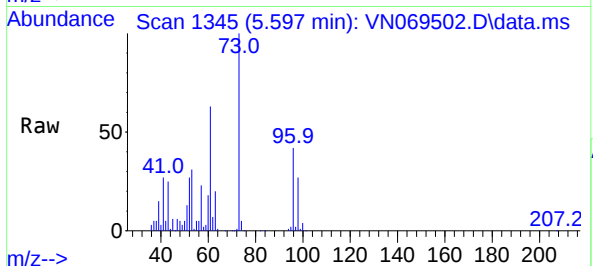
Tgt Ion: 84 Resp: 572439
Ion Ratio Lower Upper
84 100
49 138.0 93.5 140.3
51 41.1 29.4 44.2
86 66.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 45.876 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

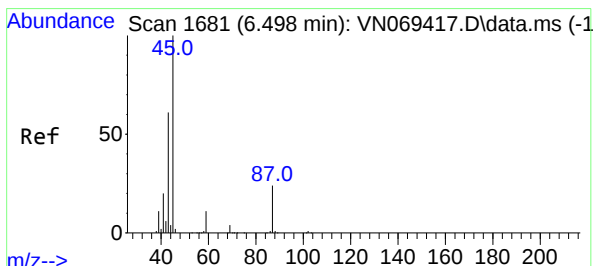
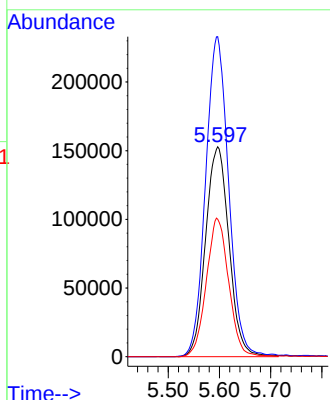
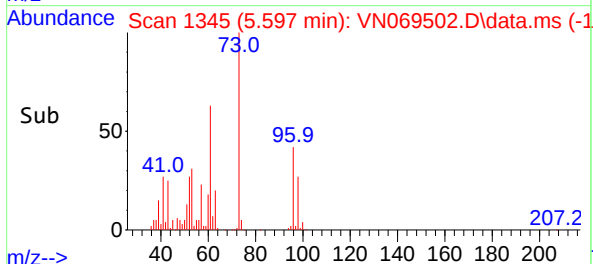
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



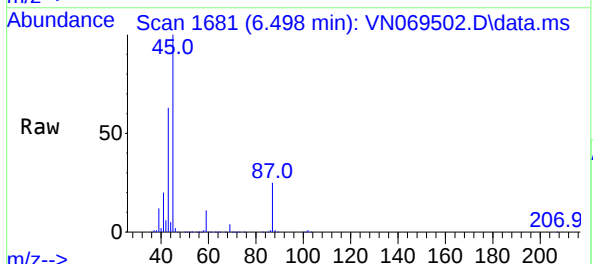
Tgt Ion: 96 Resp: 486402
Ion Ratio Lower Upper
96 100
61 152.3 105.8 158.6
98 65.5 52.0 78.0

Manual Integrations
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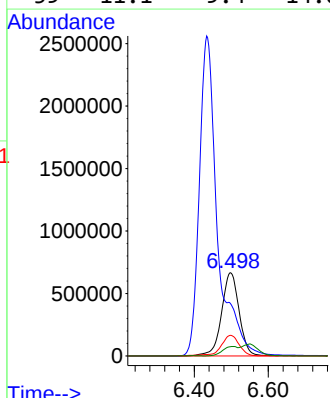
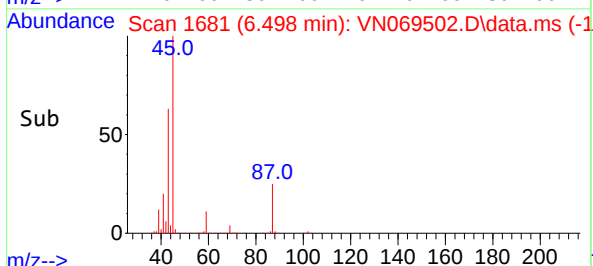
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

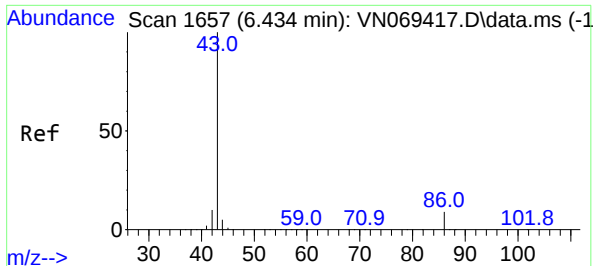


#22
Diisopropyl ether
Concen: 48.507 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



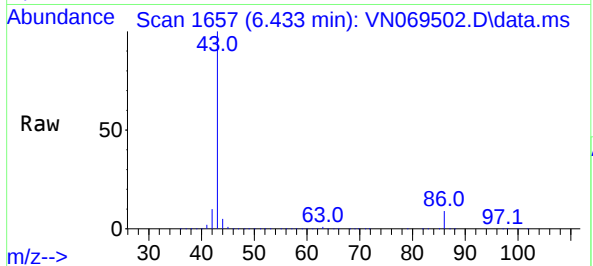
Tgt Ion: 45 Resp: 2192960
Ion Ratio Lower Upper
45 100
43 62.9 51.7 77.5
87 24.9 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 249.482 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN069502.D
 Acq: 15 Nov 2021 19:57

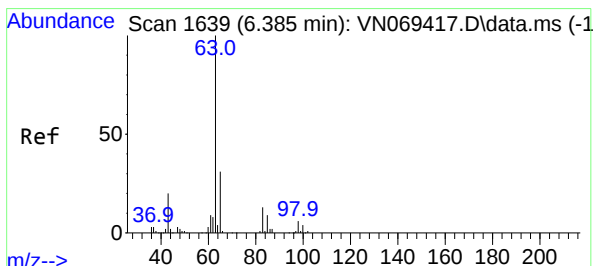
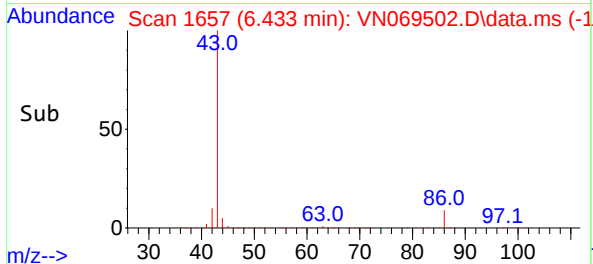
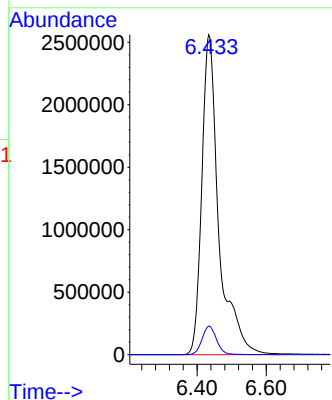
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 8723472
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

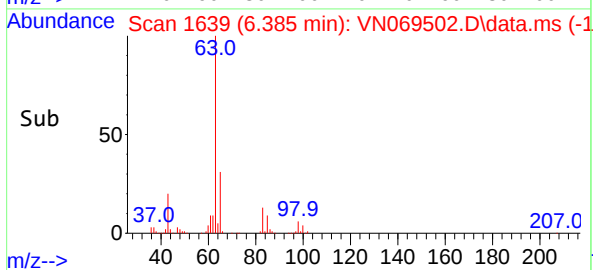
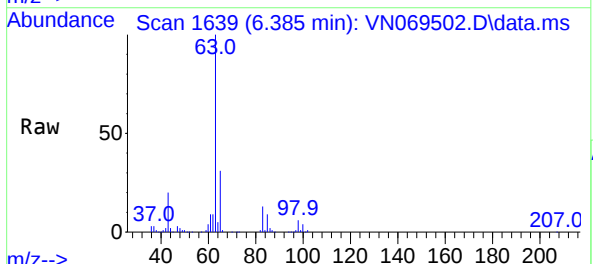
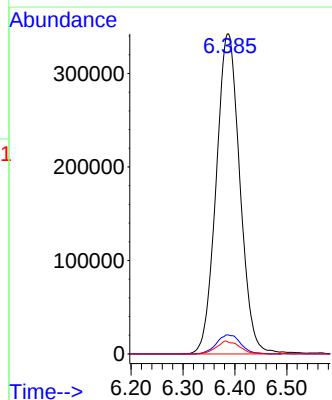
Manual Integrations
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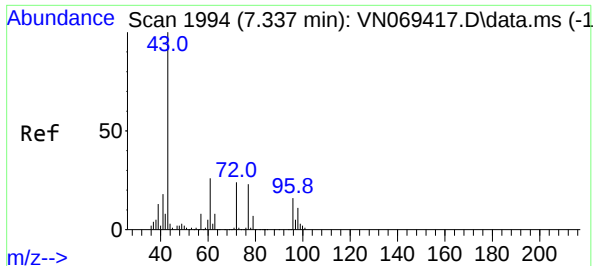
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 47.134 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069502.D
 Acq: 15 Nov 2021 19:57

Tgt Ion: 63 Resp: 1085359
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 235.034 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069502.D

Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2916010

Ion Ratio Lower Upper

43 100

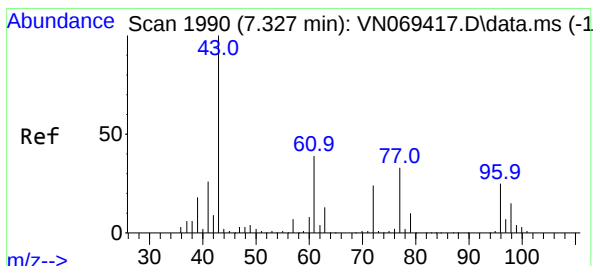
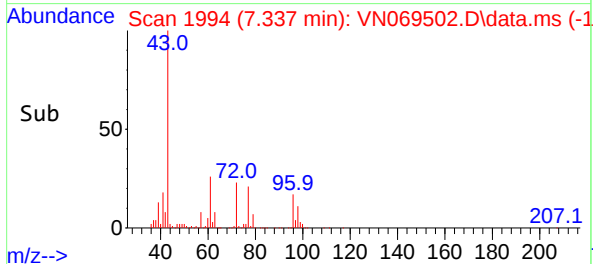
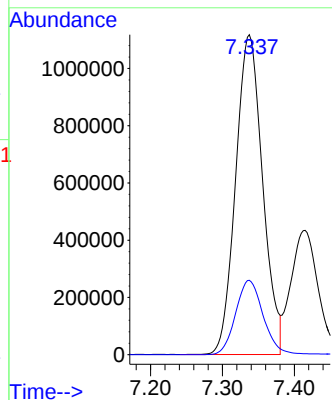
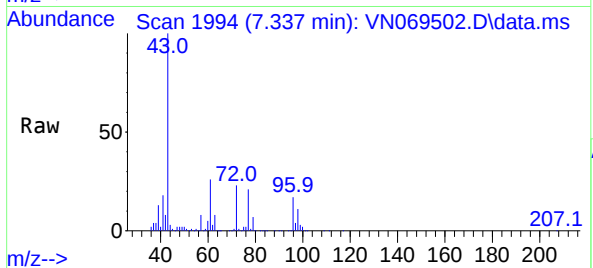
72 23.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 44.264 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069502.D

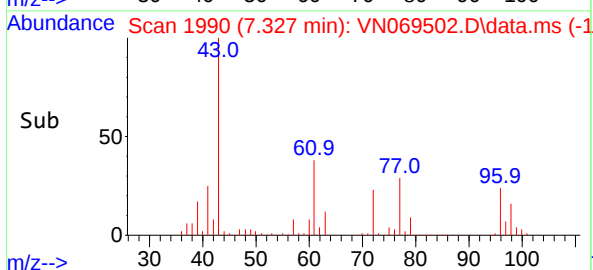
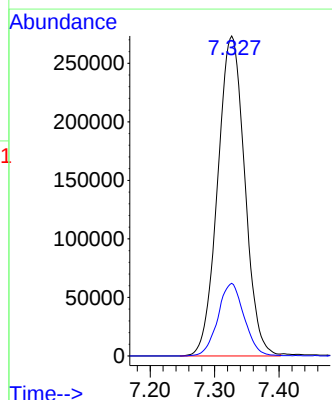
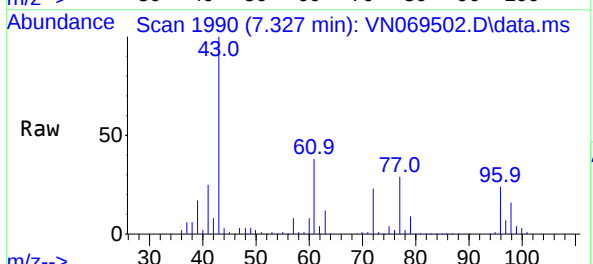
Acq: 15 Nov 2021 19:57

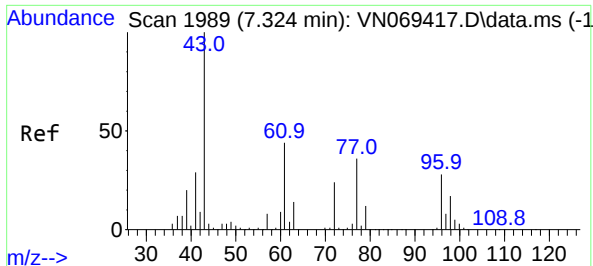
Tgt Ion: 77 Resp: 797487

Ion Ratio Lower Upper

77 100

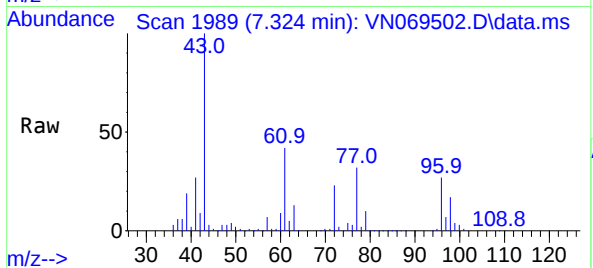
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 47.901 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

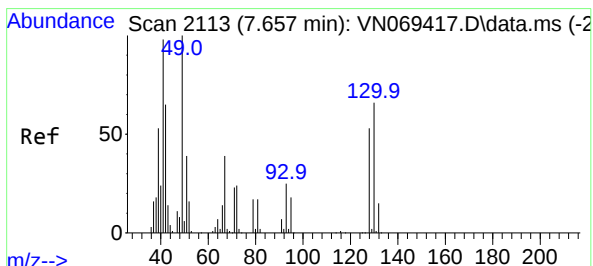
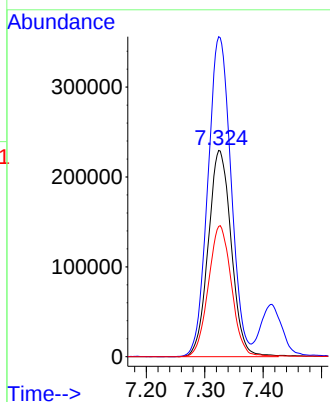
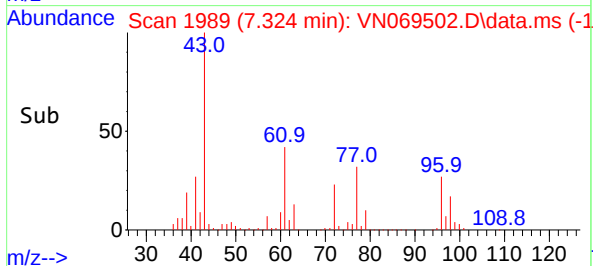
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 62958
Ion Ratio Lower Upper
96 100
61 156.0 0.0 275.0
98 63.7 0.0 129.6

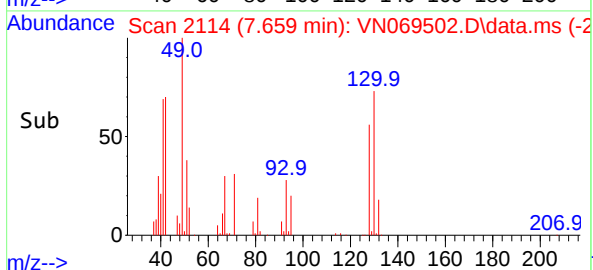
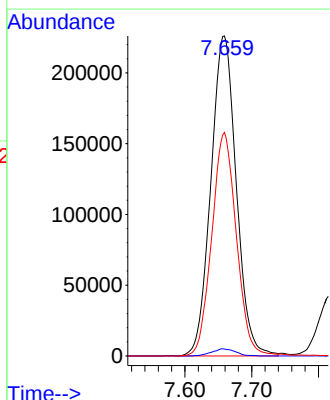
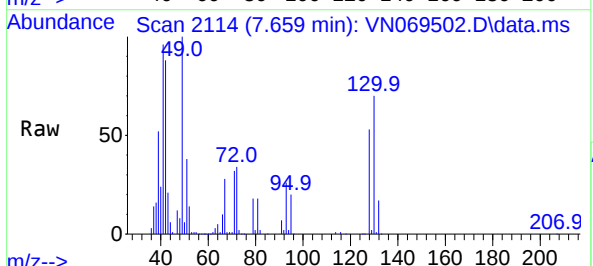
Manual Integrations
APPROVED

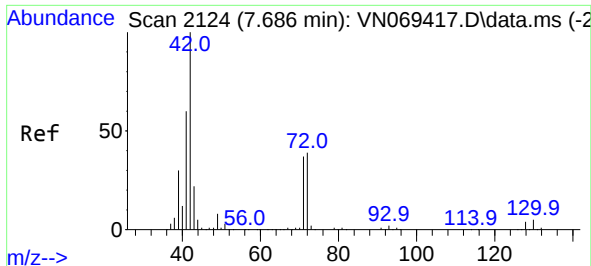
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 50.807 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

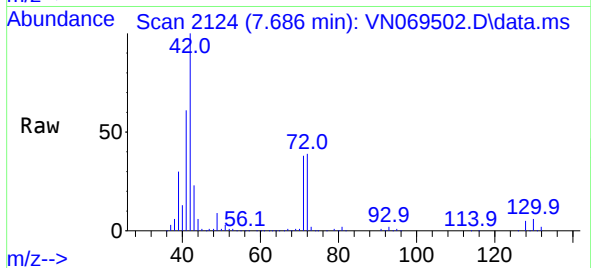
Tgt Ion: 49 Resp: 599134
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 67.3 67.8 101.8#





#29
Tetrahydrofuran
Concen: 250.232 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

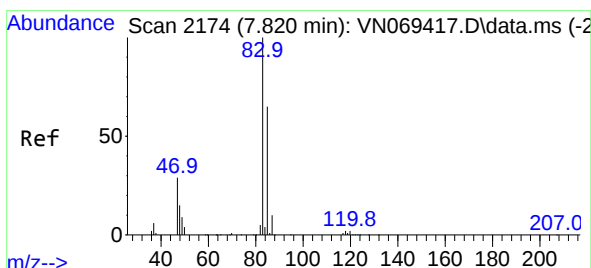
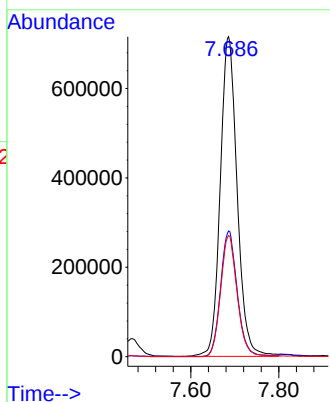
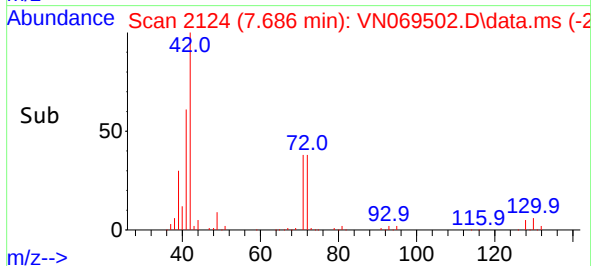
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



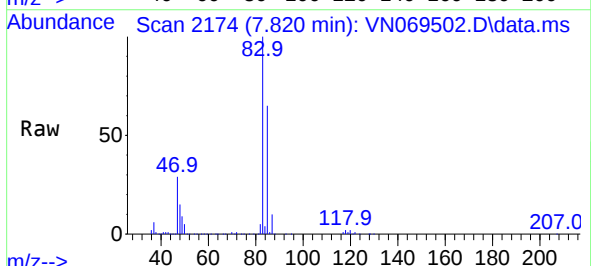
Tgt Ion: 42 Resp: 190519
Ion Ratio Lower Upper
42 100
72 38.7 36.3 54.5
71 37.1 34.7 52.1

Manual Integrations
APPROVED

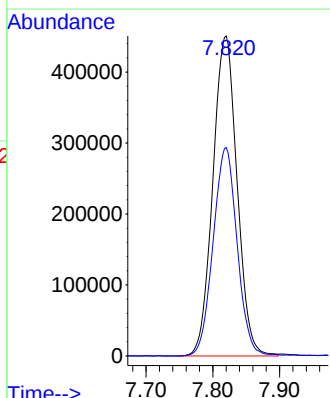
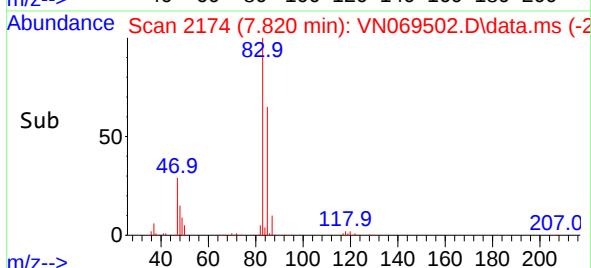
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

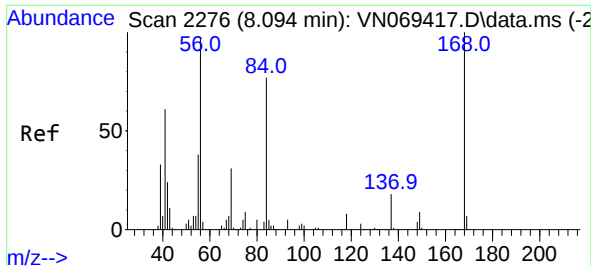


#30
Chloroform
Concen: 48.182 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



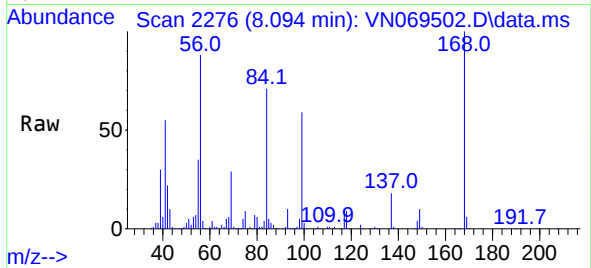
Tgt Ion: 83 Resp: 1137430
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9





#31
Cyclohexane
Concen: 41.714 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

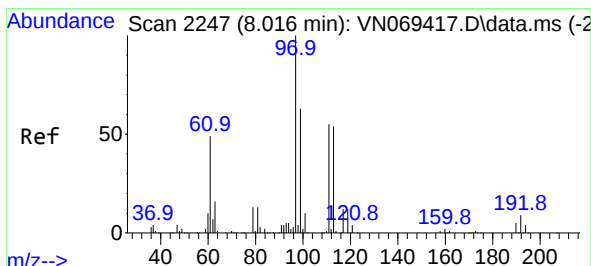
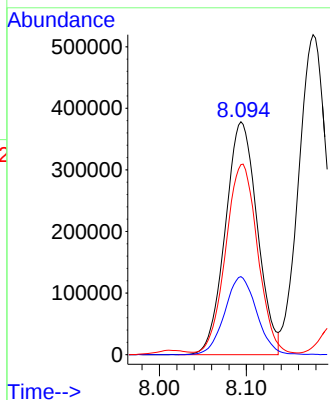
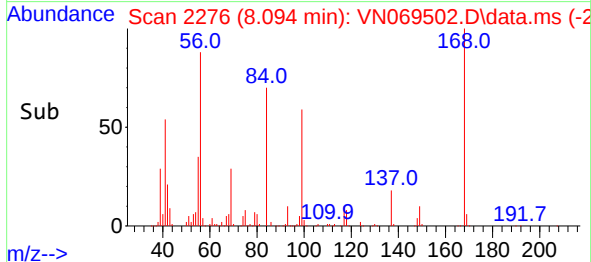
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



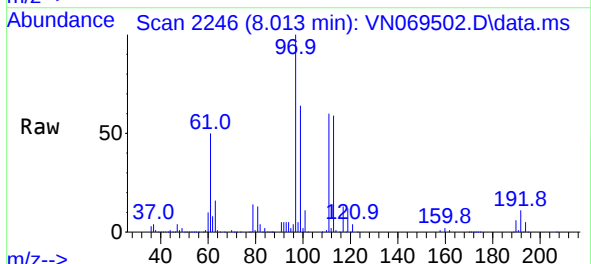
Tgt Ion: 56 Resp: 967790
Ion Ratio Lower Upper
56 100
69 33.5 27.1 40.7
84 79.9 73.4 110.0

Manual Integrations
APPROVED

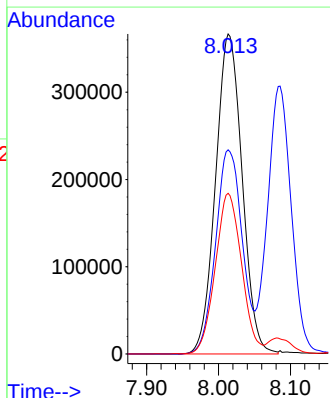
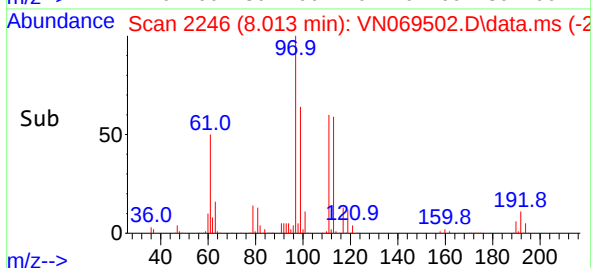
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 47.815 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion: 97 Resp: 942179
Ion Ratio Lower Upper
97 100
99 64.2 50.1 75.1
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.448 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069502.D

Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 839728

Ion Ratio Lower Upper

65 100

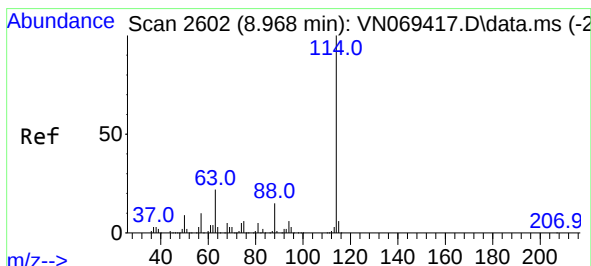
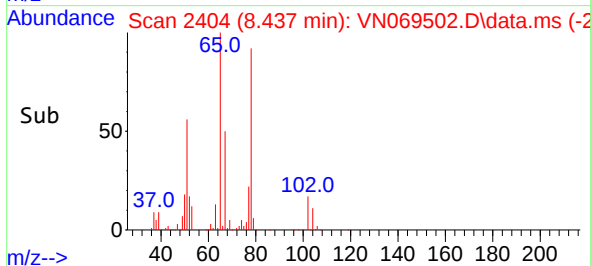
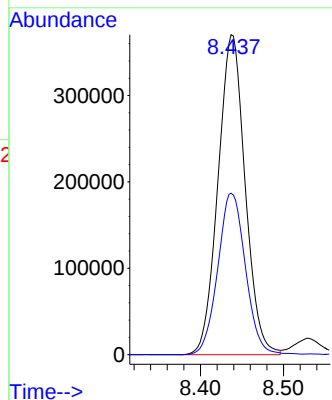
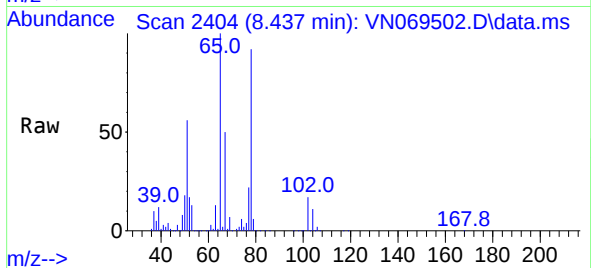
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069502.D

Acq: 15 Nov 2021 19:57

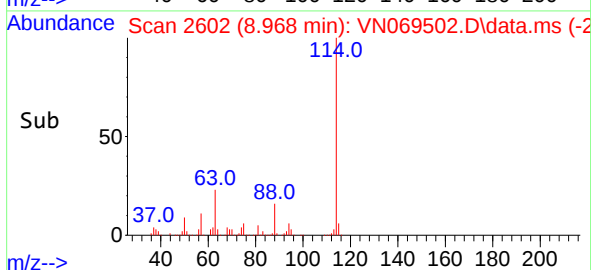
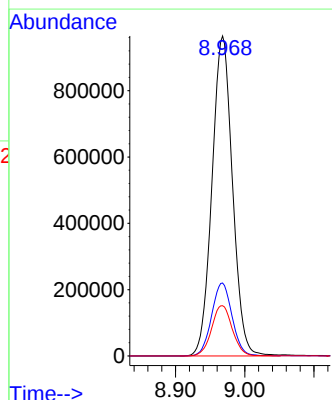
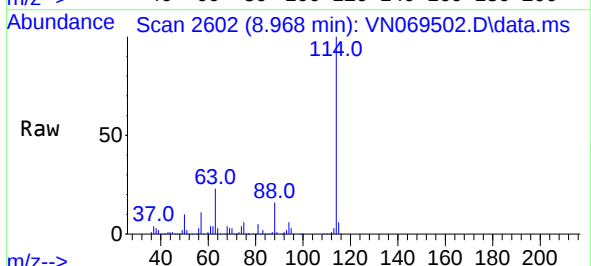
Tgt Ion:114 Resp: 1982011

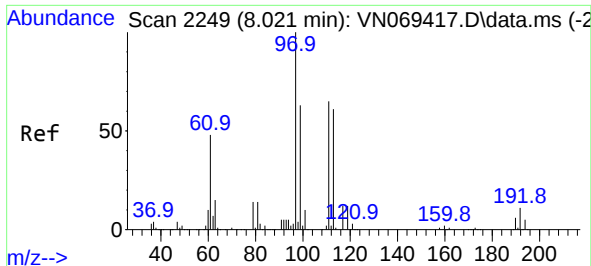
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

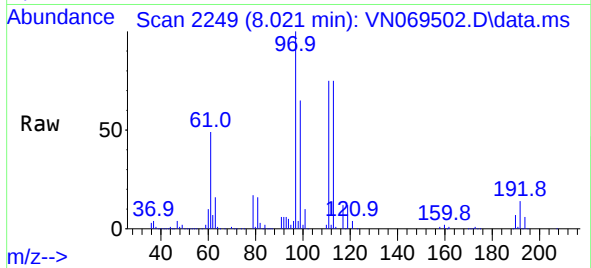
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.649 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

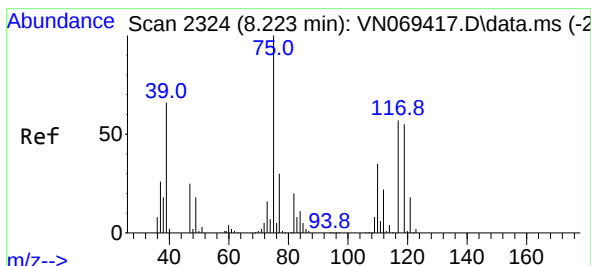
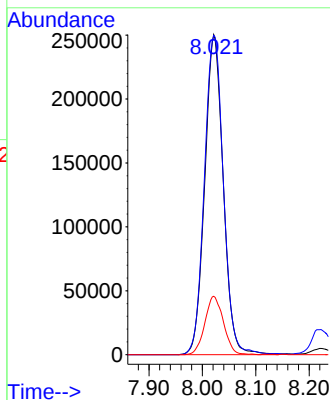
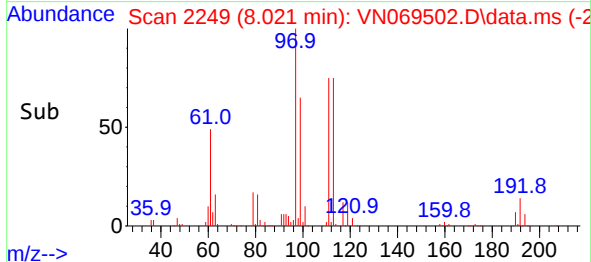
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



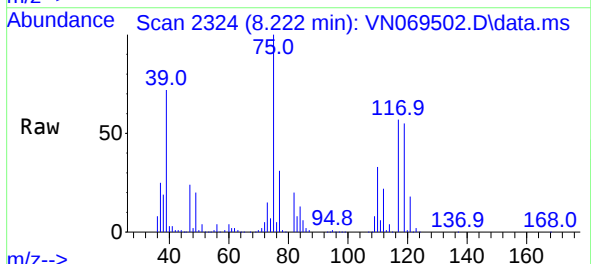
Tgt Ion:113 Resp: 602080
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 18.3 16.9 25.3

Manual Integrations
APPROVED

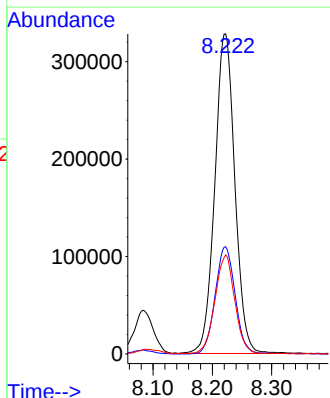
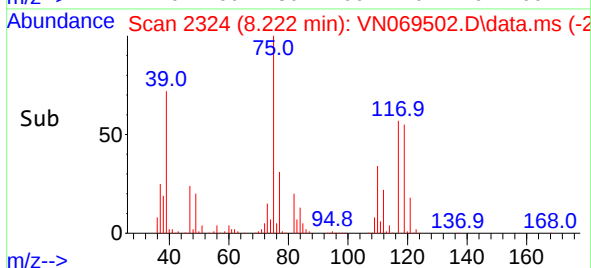
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

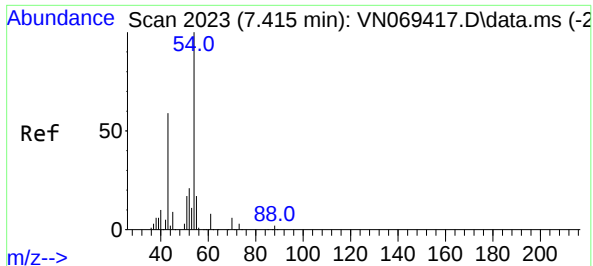


#36
1,1-Dichloropropene
Concen: 46.220 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



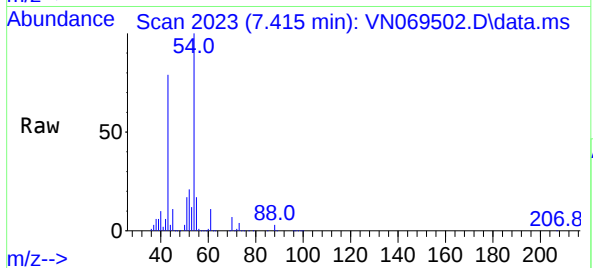
Tgt Ion: 75 Resp: 770832
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 51.021 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

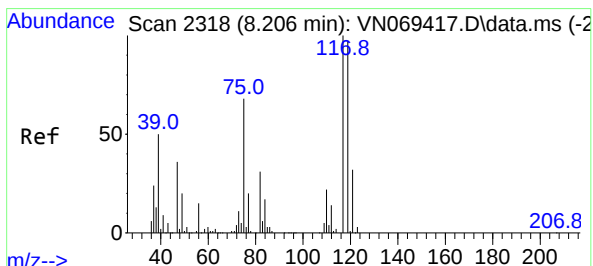
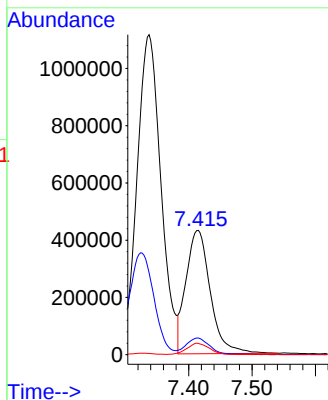
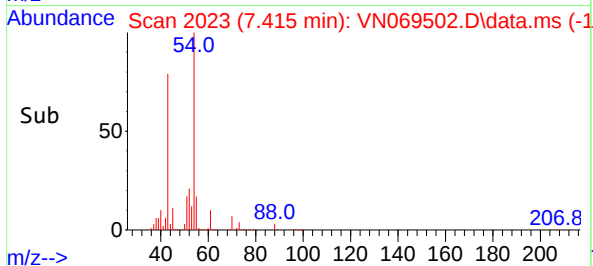
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 115023
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.5 7.9 11.9

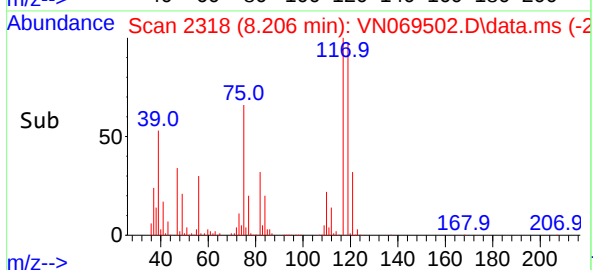
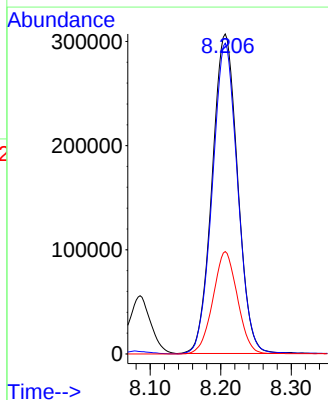
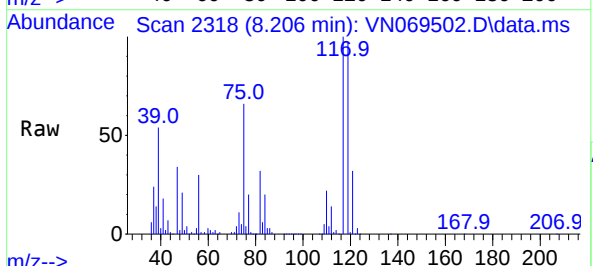
Manual Integrations
APPROVED

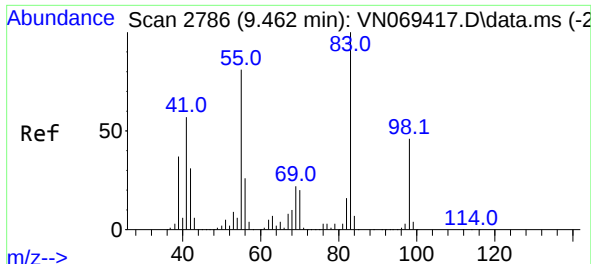
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 47.757 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Tgt Ion:117 Resp: 768938
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 32.0 24.2 36.2





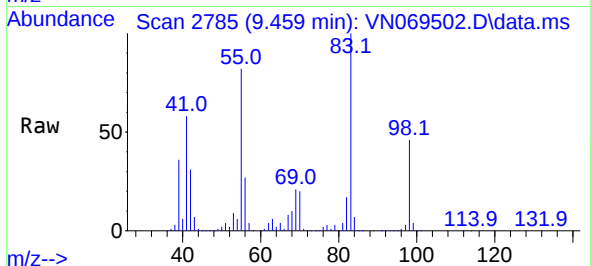
#39
Methylcyclohexane
Concen: 44.745 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



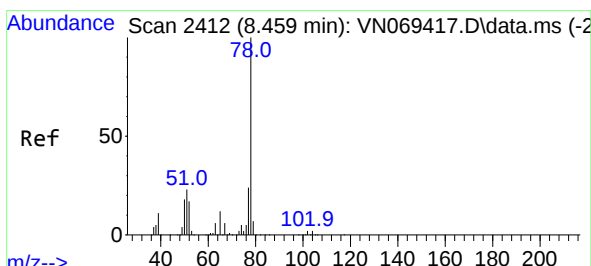
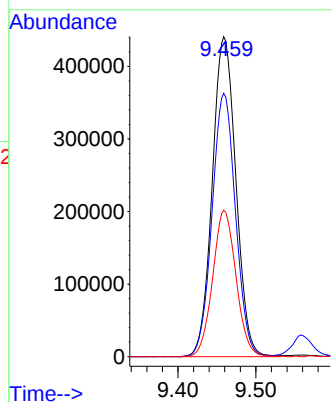
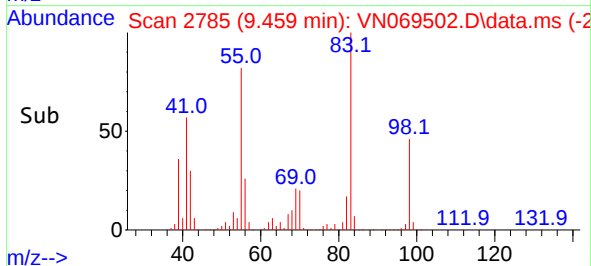
Tgt Ion: 83 Resp: 928290
Ion Ratio Lower Upper
83 100
55 82.3 58.1 87.1
98 45.8 38.4 57.6

Manual Integrations

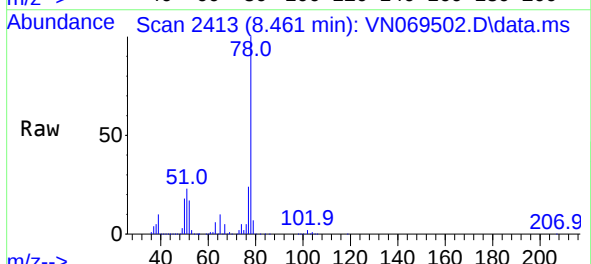
APPROVED

Reviewed By :John Carlone 11/16/2021

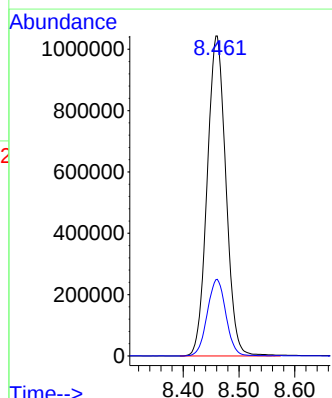
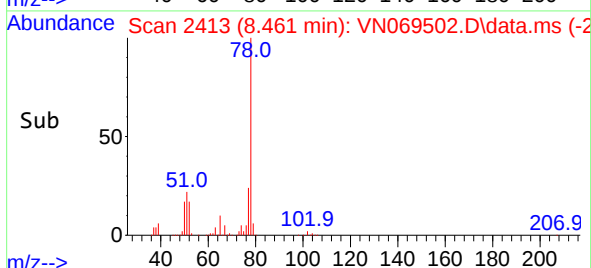
Supervised By :Mahesh Dadoda 11/18/2021

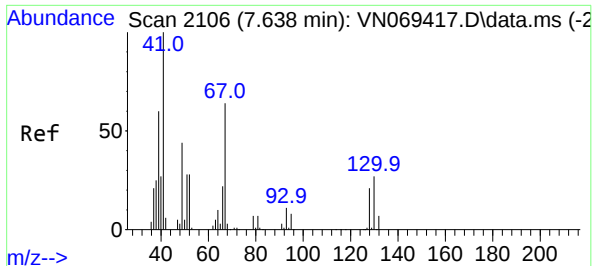


#40
Benzene
Concen: 47.242 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion: 78 Resp: 2431874
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 48.205 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

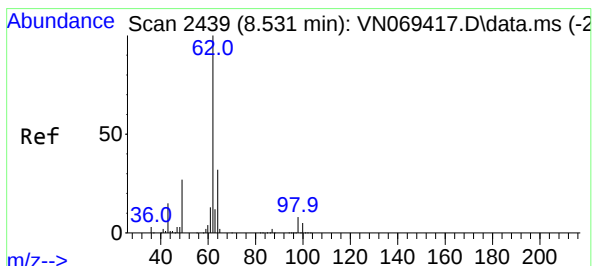
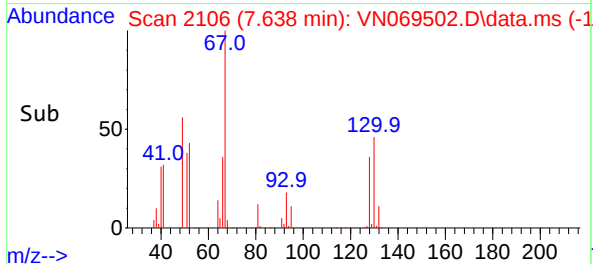
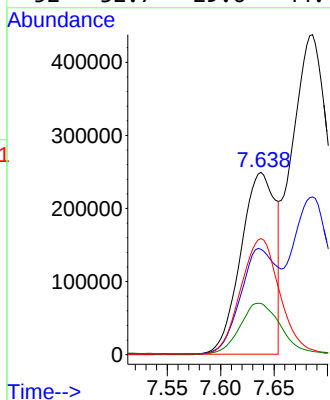
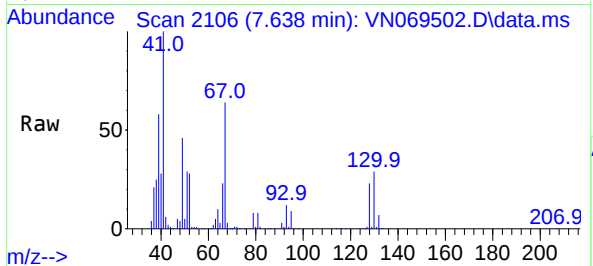
VSTDCCC050EC

Tgt Ion: 41 Resp: 56153
Ion Ratio Lower Upper
41 100
39 61.6 48.1 72.1
67 73.2 68.3 102.5
52 32.7 29.6 44.4

Manual Integrations

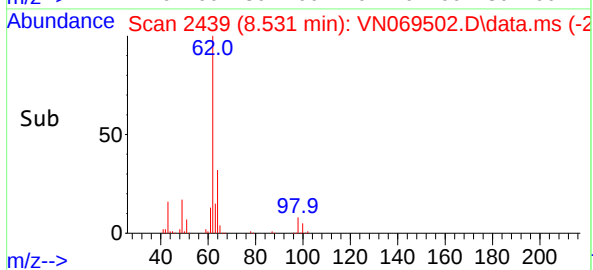
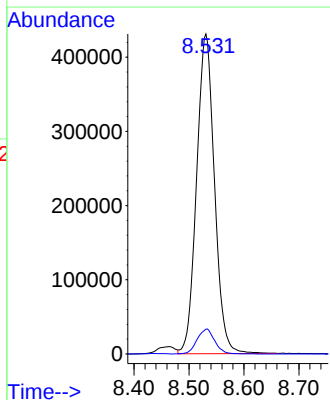
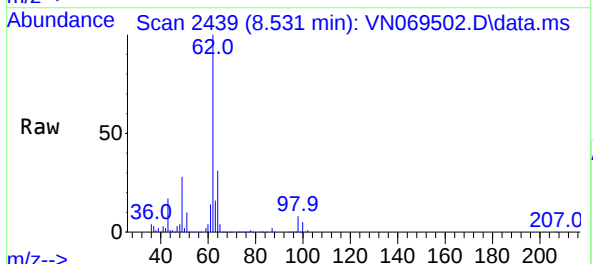
APPROVED

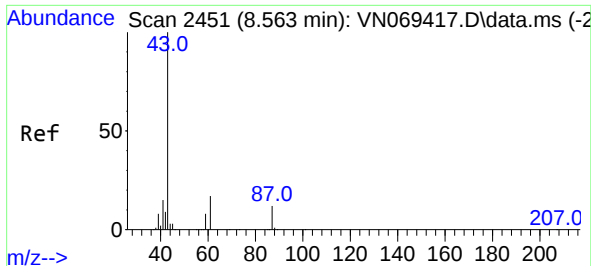
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 48.295 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Tgt Ion: 62 Resp: 973447
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





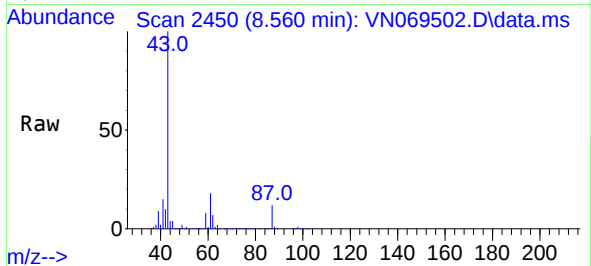
#43
Isopropyl Acetate
Concen: 51.085 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



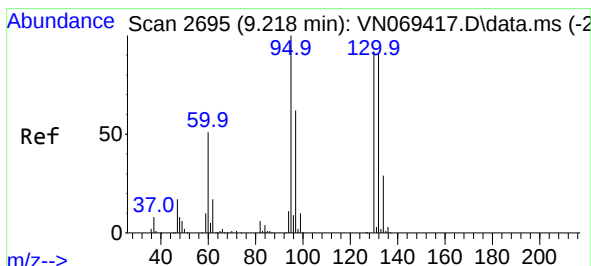
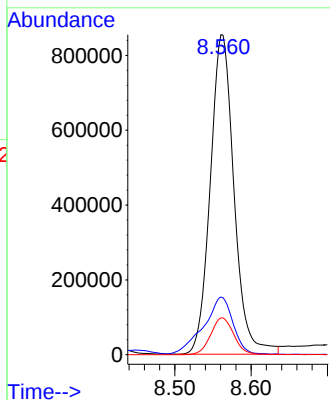
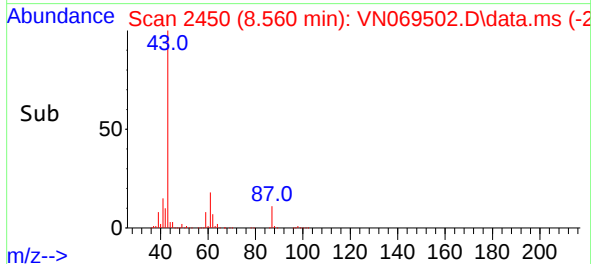
Tgt Ion: 43 Resp: 1849830
Ion Ratio Lower Upper
43 100
61 22.1 20.4 30.6
87 11.2 11.2 16.8

Manual Integrations

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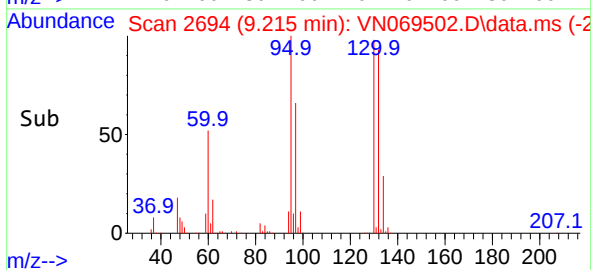
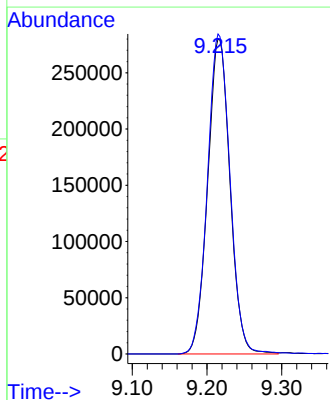
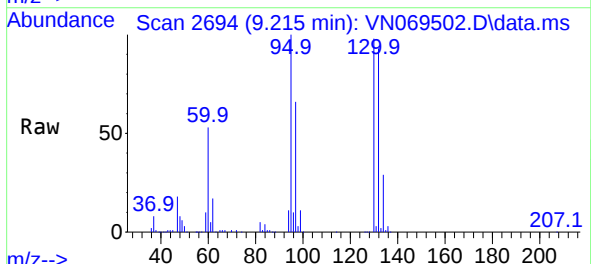
Reviewed By :John Carlone 11/16/2021

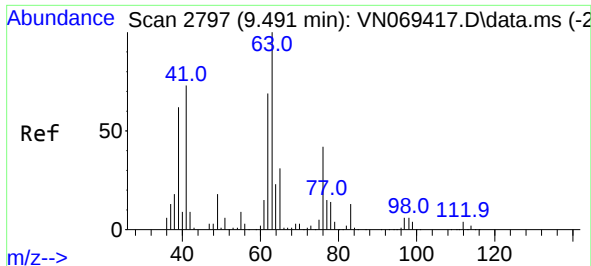
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 47.048 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

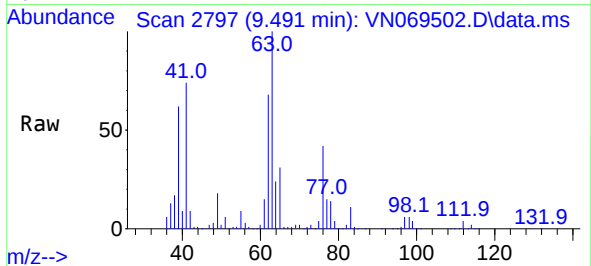
Tgt Ion:130 Resp: 579634
Ion Ratio Lower Upper
130 100
95 101.6 0.0 191.2





#45
1,2-Dichloropropane
Concen: 49.206 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

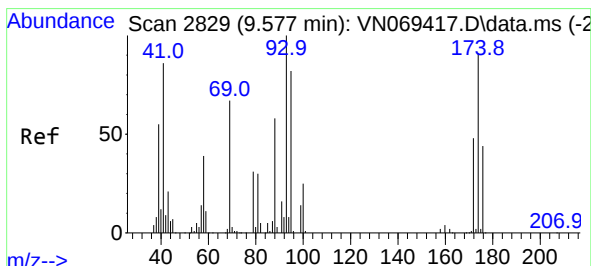
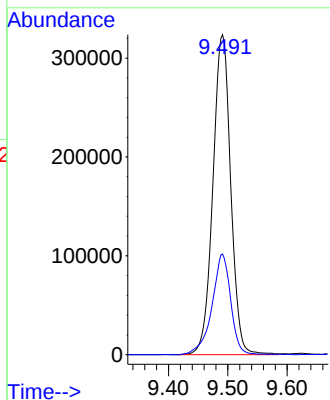
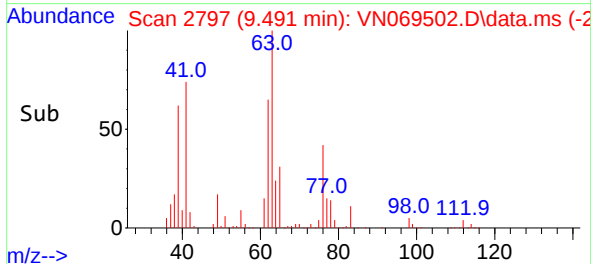
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



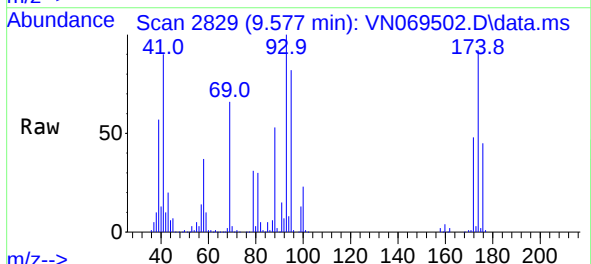
Tgt Ion: 63 Resp: 676752
Ion Ratio Lower Upper
63 100
65 31.5 24.7 37.1

Manual Integrations
APPROVED

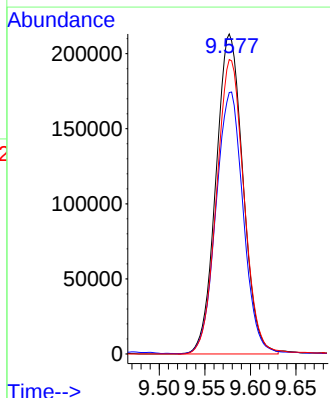
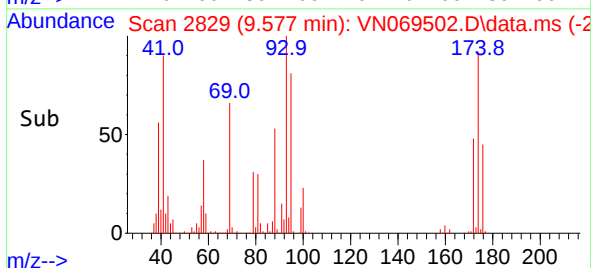
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

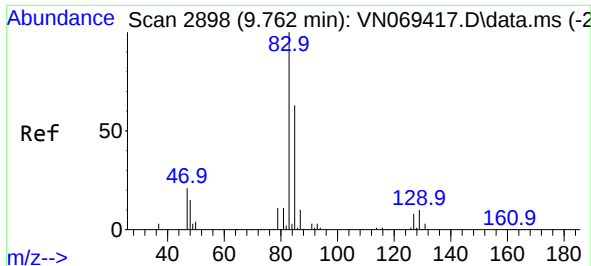


#46
Dibromomethane
Concen: 47.658 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion: 93 Resp: 439030
Ion Ratio Lower Upper
93 100
95 82.7 65.9 98.9
174 93.4 84.6 127.0





#47
Bromodichloromethane
Concen: 50.548 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

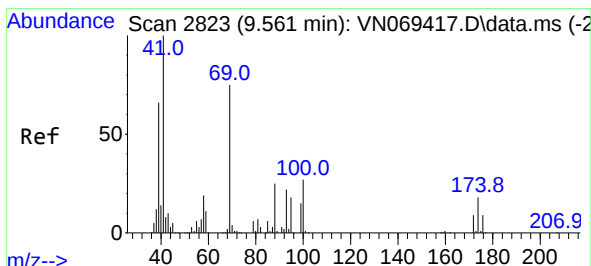
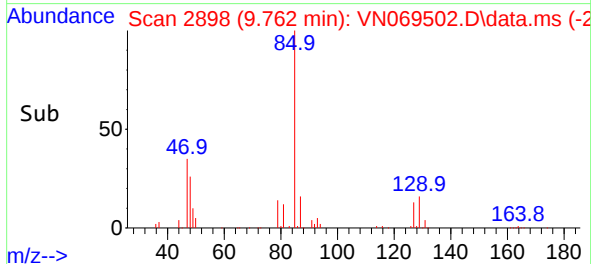
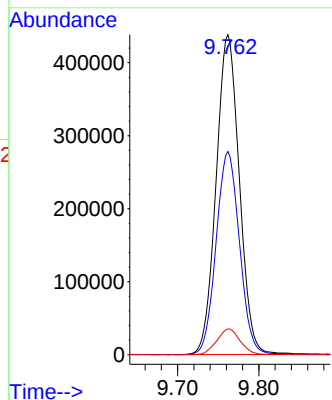
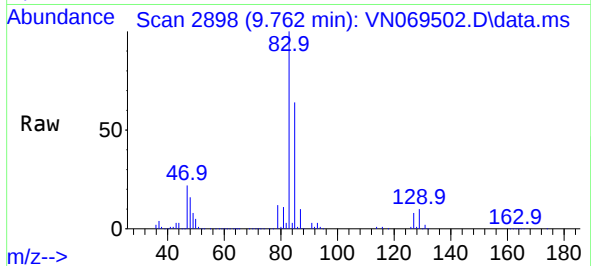
VSTDCCC050EC

Tgt Ion: 83 Resp: 868929
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations

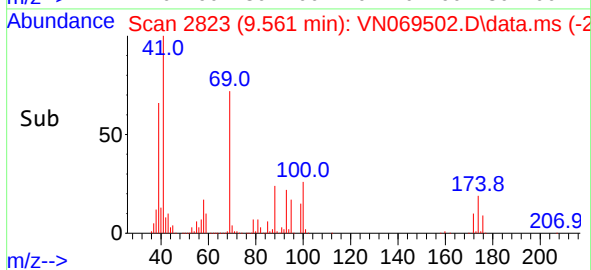
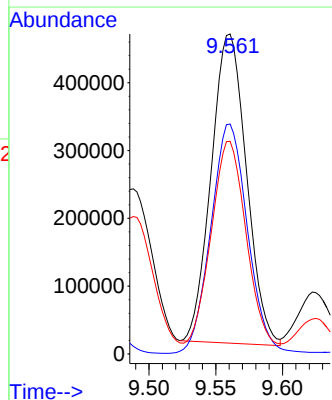
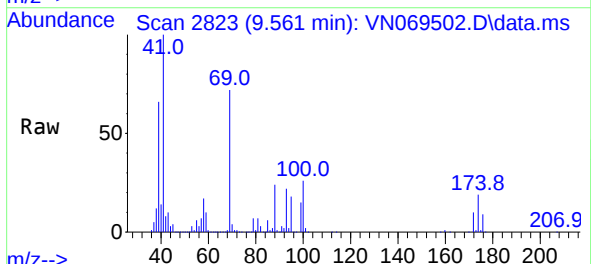
APPROVED

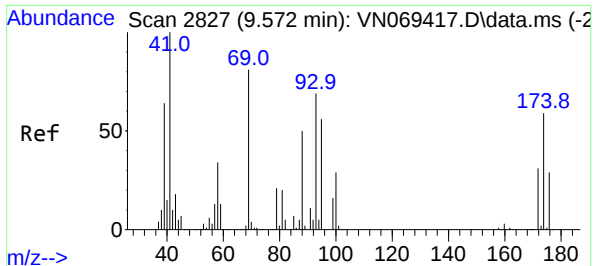
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 49.143 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Tgt Ion: 41 Resp: 837221
Ion Ratio Lower Upper
41 100
69 77.3 72.4 108.6
39 70.5 58.4 87.6





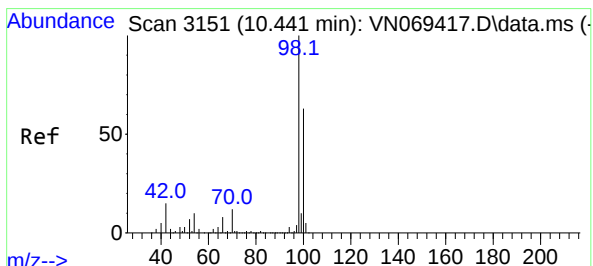
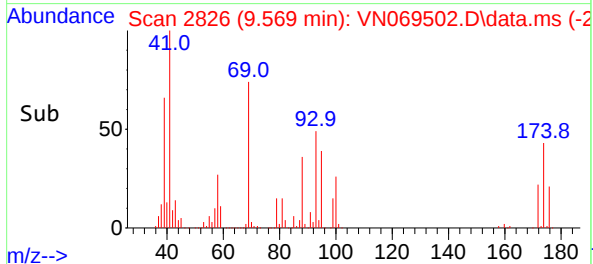
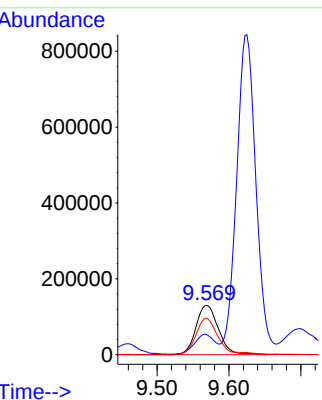
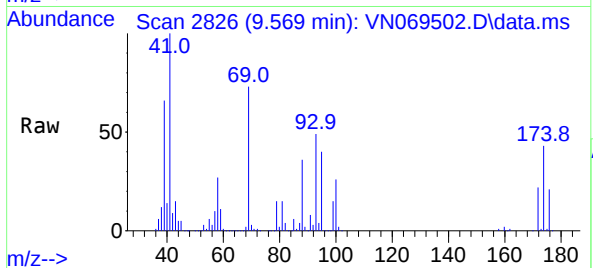
#49
1,4-Dioxane
Concen: 841.347 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 28188
Ion Ratio Lower Upper
88 100
43 36.7 23.4 35.2
58 71.4 50.6 75.8

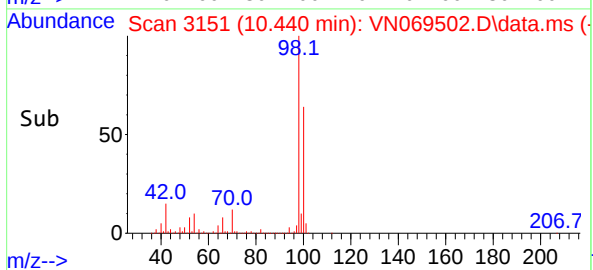
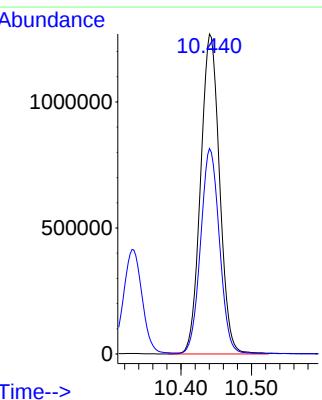
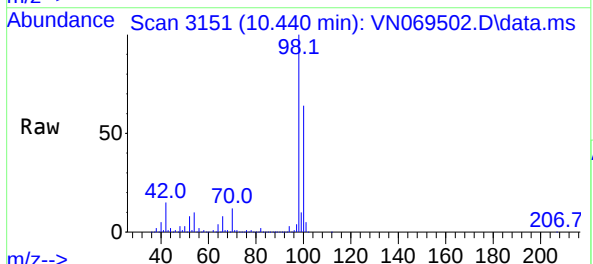
Manual Integrations
APPROVED

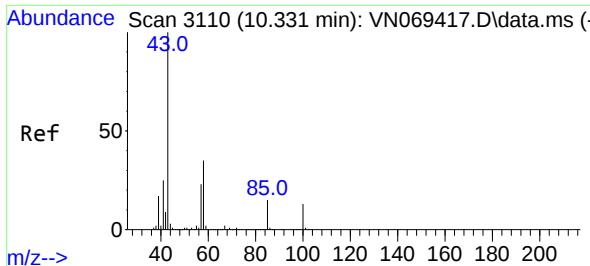
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 50.708 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Tgt Ion: 98 Resp: 2370699
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





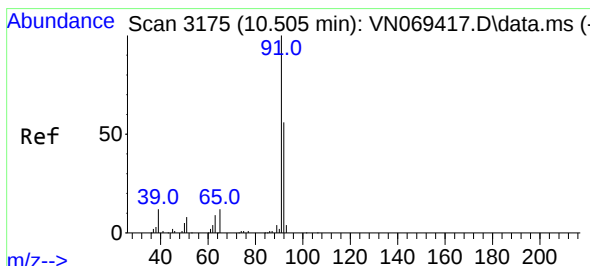
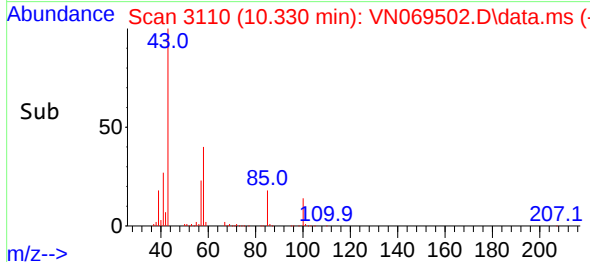
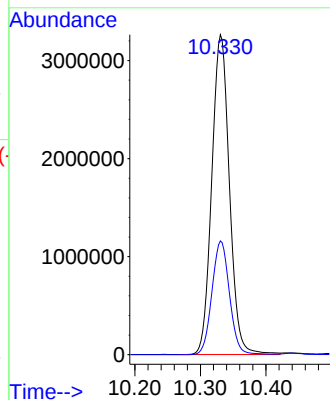
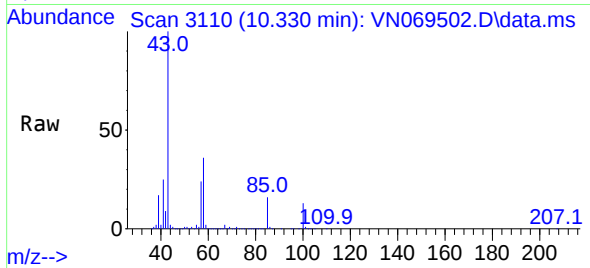
#51
4-Methyl-2-Pentanone
Concen: 260.723 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 6093915
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

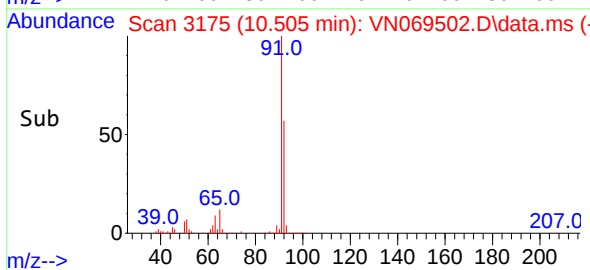
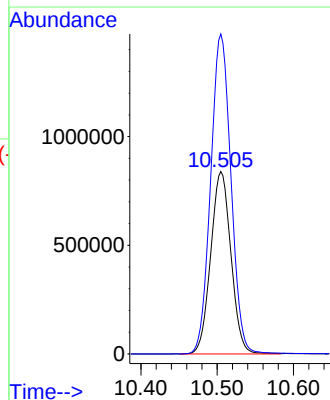
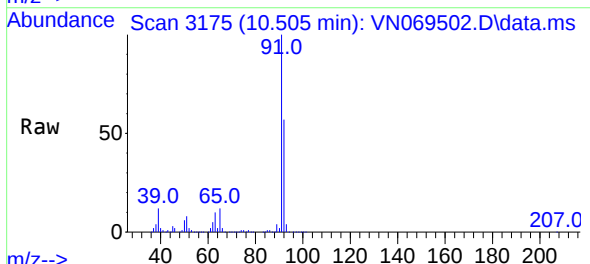
Manual Integrations
APPROVED

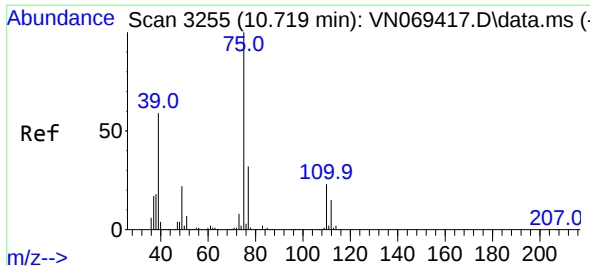
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 48.151 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

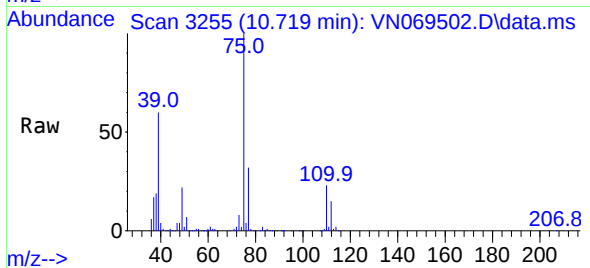
Tgt Ion: 92 Resp: 1544184
Ion Ratio Lower Upper
92 100
91 176.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.342 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

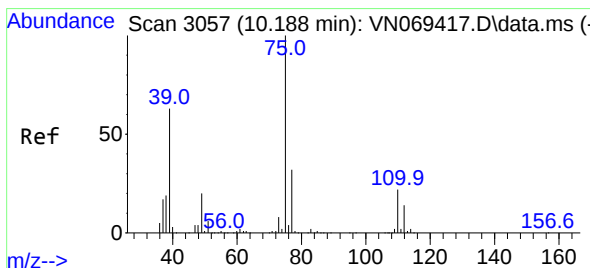
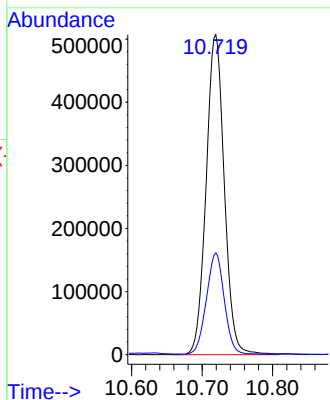
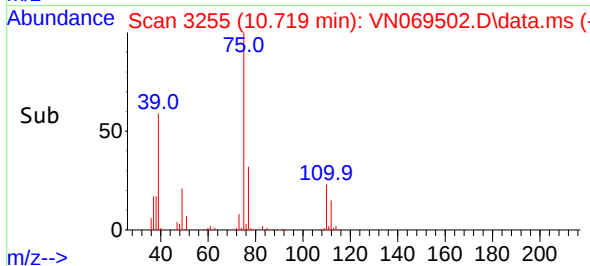
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



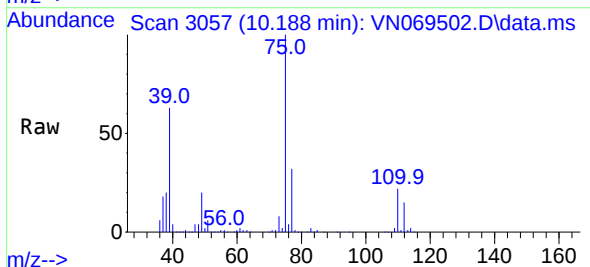
Tgt Ion: 75 Resp: 908230
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

Manual Integrations
APPROVED

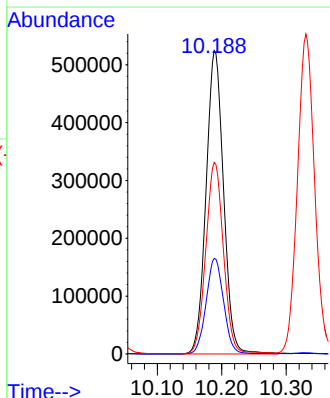
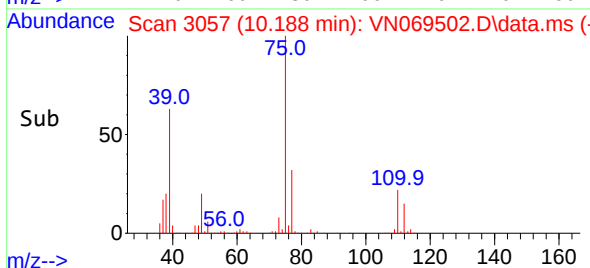
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

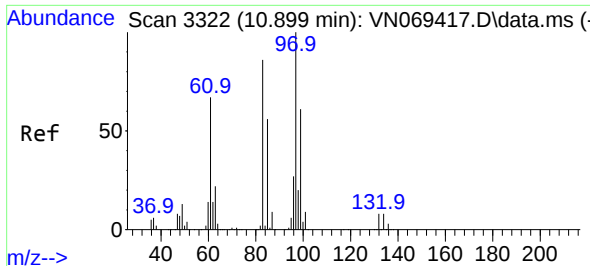


#54
cis-1,3-Dichloropropene
Concen: 44.593 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



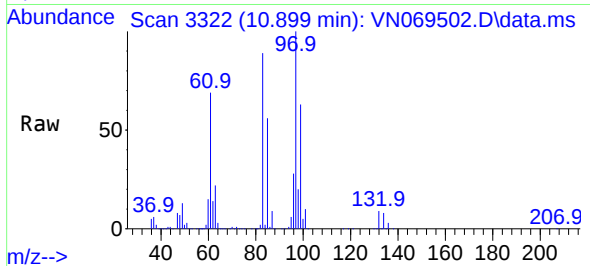
Tgt Ion: 75 Resp: 988867
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 63.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 50.007 ug/l
RT: 10.899 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

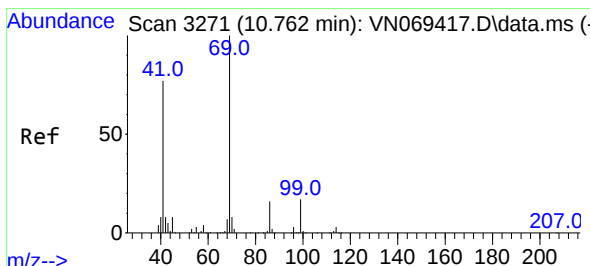
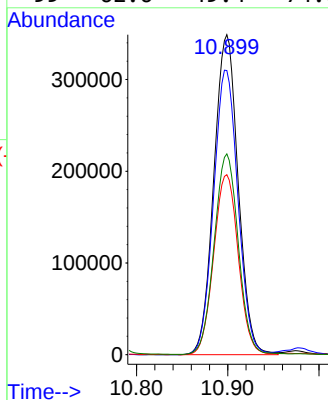
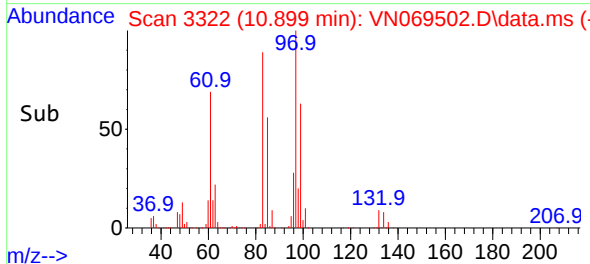
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



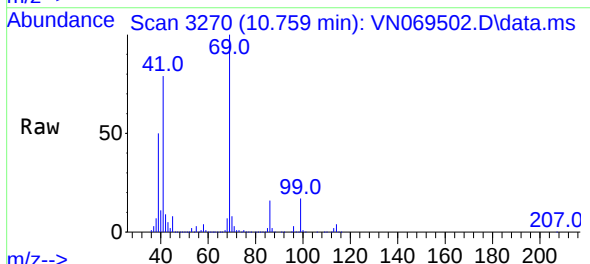
Tgt Ion: 97 Resp: 646464
Ion Ratio Lower Upper
97 100
83 88.8 67.8 101.6
85 56.2 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
APPROVED

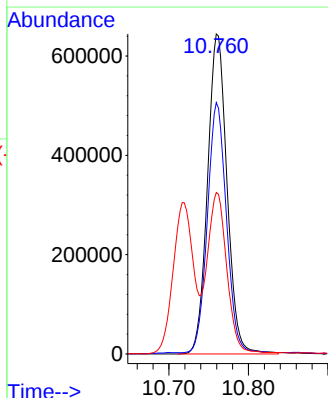
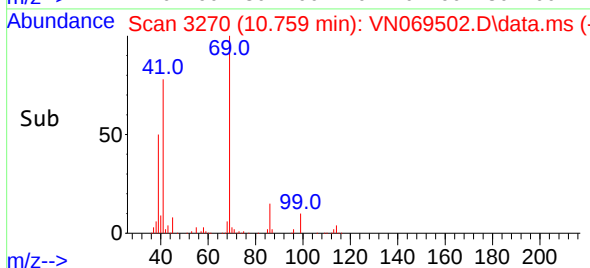
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 45.310 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion: 69 Resp: 1098958
Ion Ratio Lower Upper
69 100
41 76.1 51.4 77.0
39 49.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.393 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069502.D

Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 112203

Ion Ratio Lower Upper

76 100

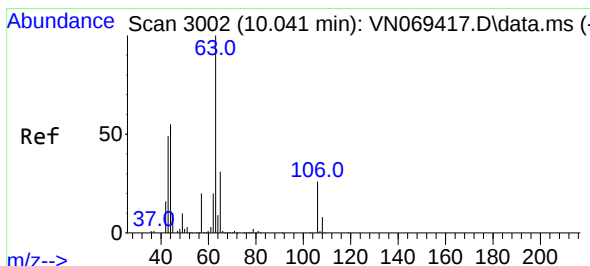
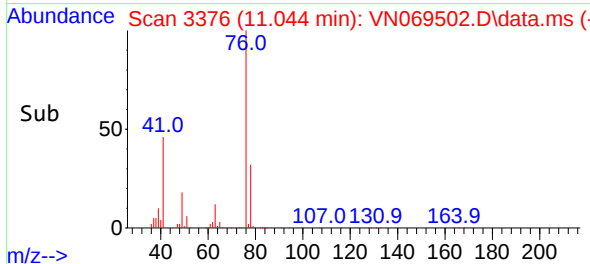
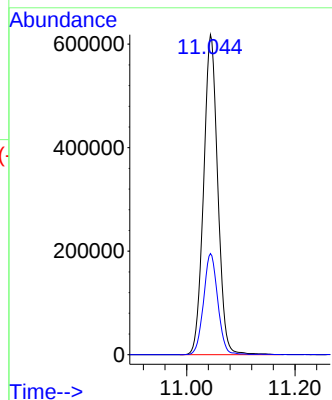
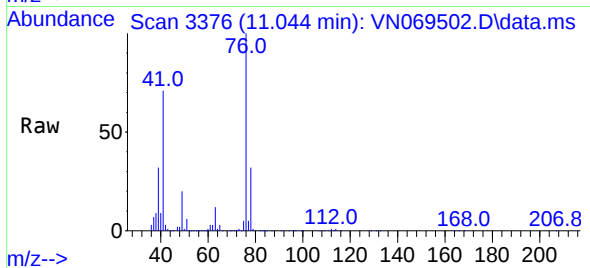
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 215.415 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069502.D

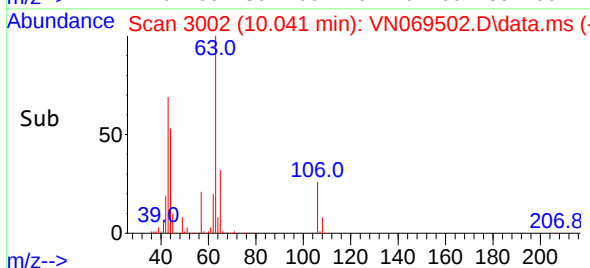
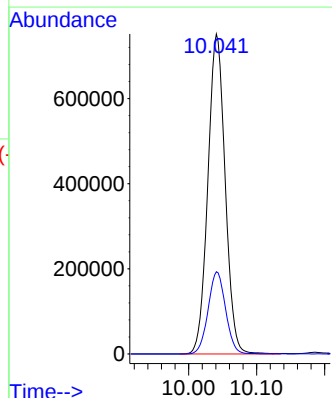
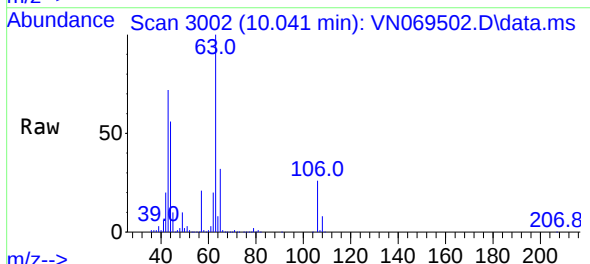
Acq: 15 Nov 2021 19:57

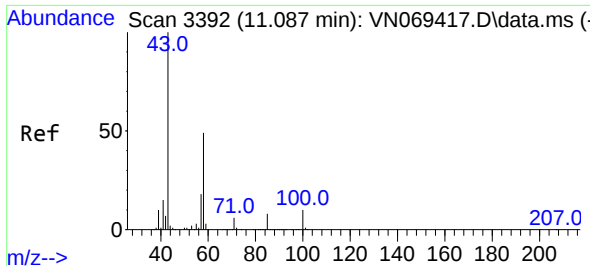
Tgt Ion: 63 Resp: 1327697

Ion Ratio Lower Upper

63 100

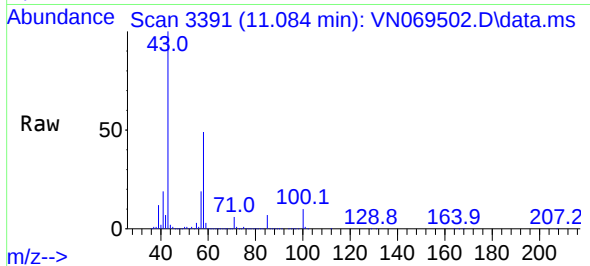
106 26.0 23.9 35.9





#59
2-Hexanone
Concen: 225.538 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

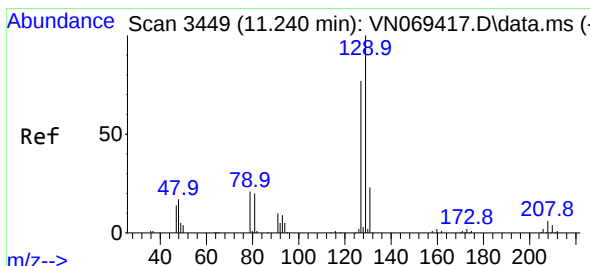
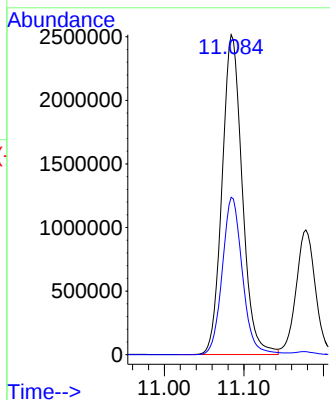
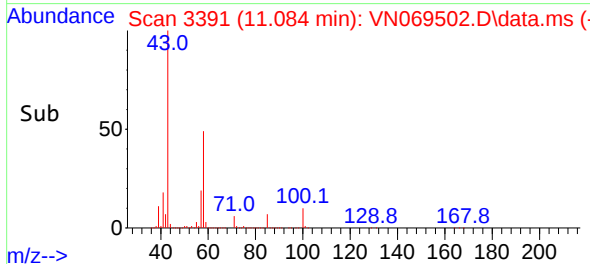
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4435120
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

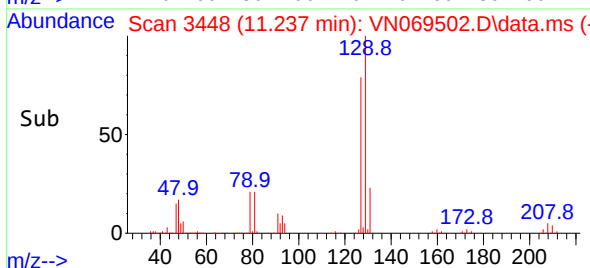
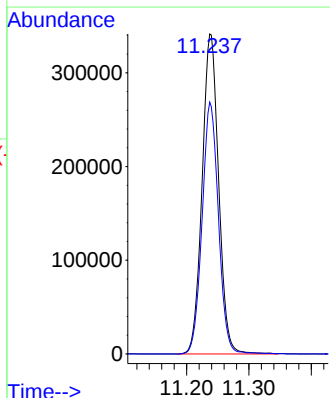
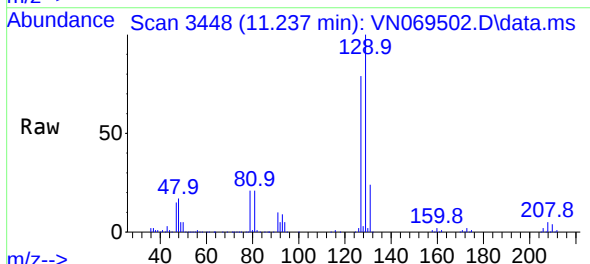
Manual Integrations
APPROVED

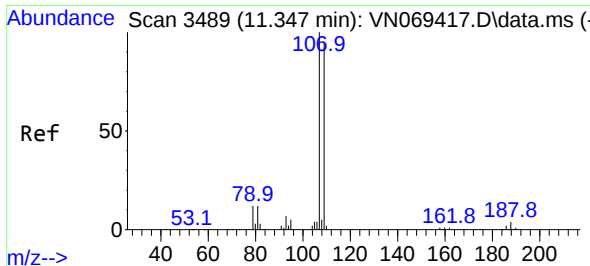
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 44.529 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Tgt Ion:129 Resp: 627867
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.122 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

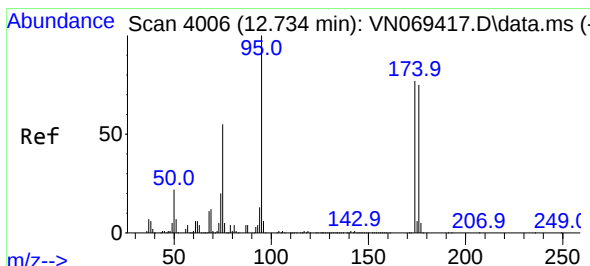
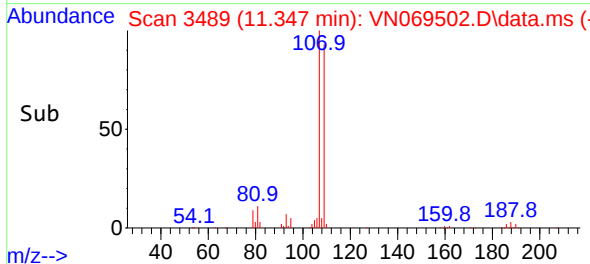
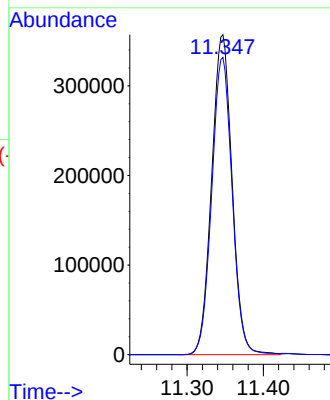
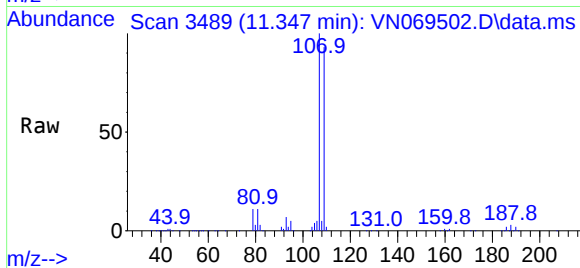
VSTDCCC050EC

Tgt Ion:107 Resp: 664279
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

Manual Integrations

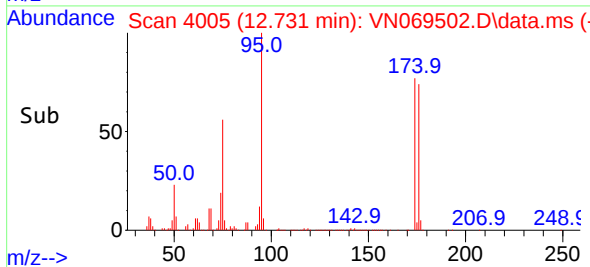
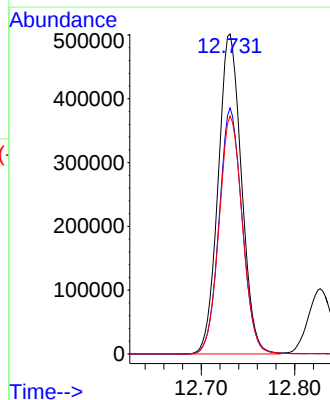
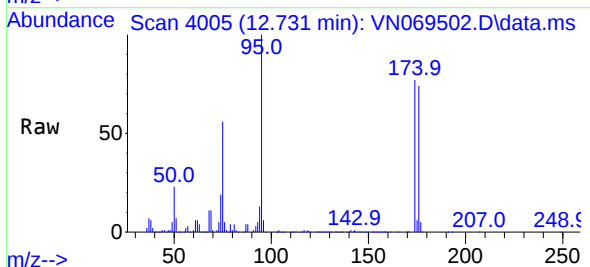
APPROVED

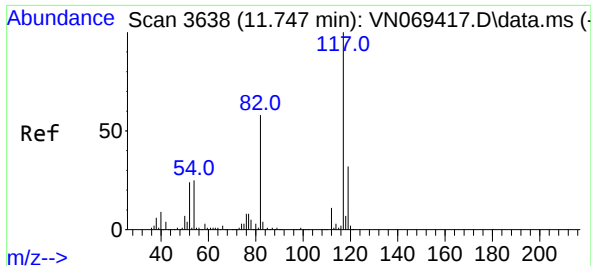
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 50.611 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

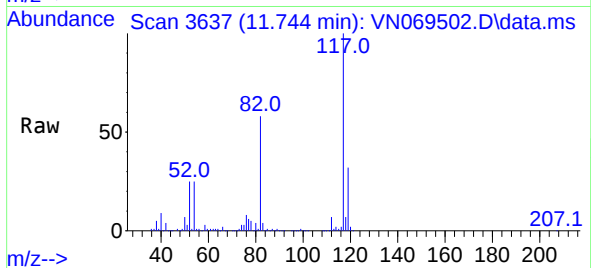
Tgt Ion: 95 Resp: 869255
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 74.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

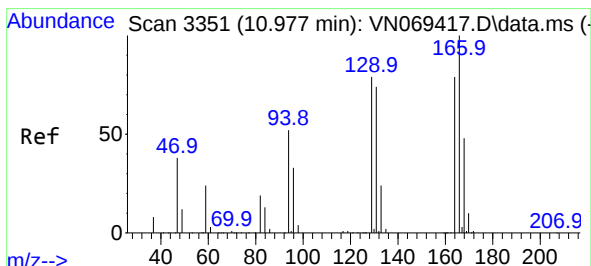
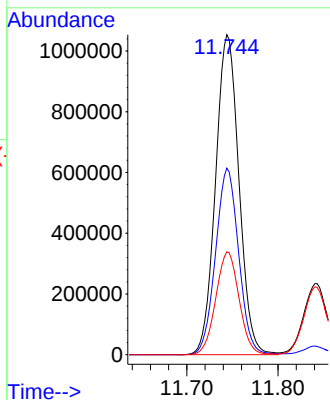
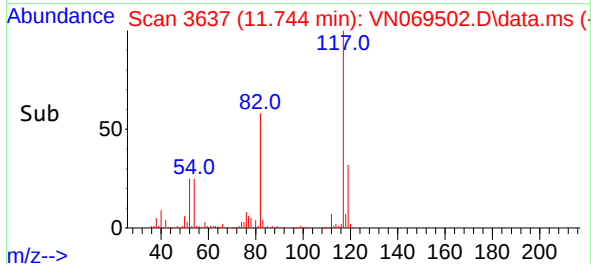
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



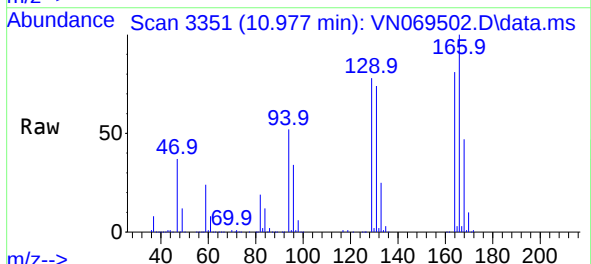
Tgt Ion:117 Resp: 1879778
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

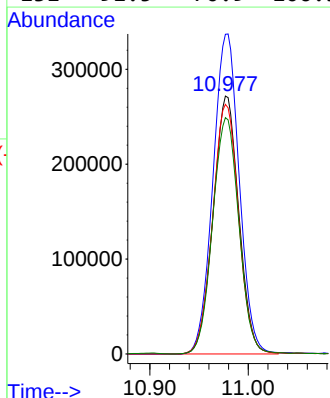
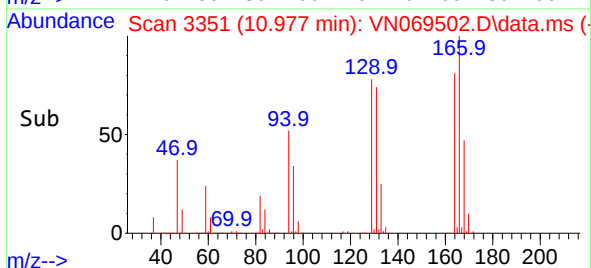
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 43.494 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



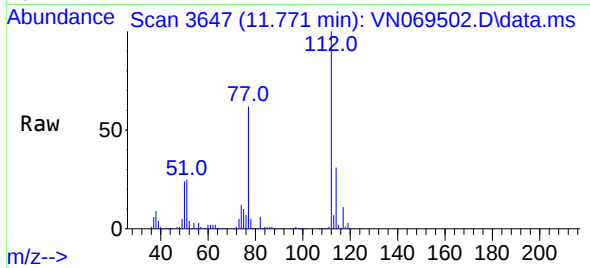
Tgt Ion:164 Resp: 493672
Ion Ratio Lower Upper
164 100
166 123.9 101.9 152.9
129 96.7 72.0 108.0
131 91.5 70.9 106.3





#65
Chlorobenzene
Concen: 47.719 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

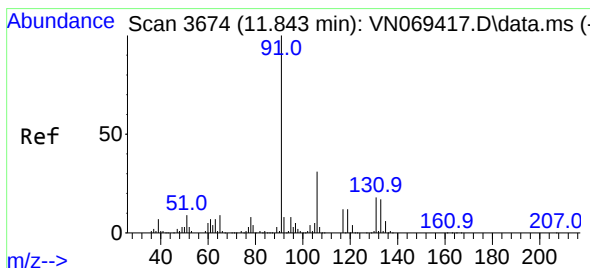
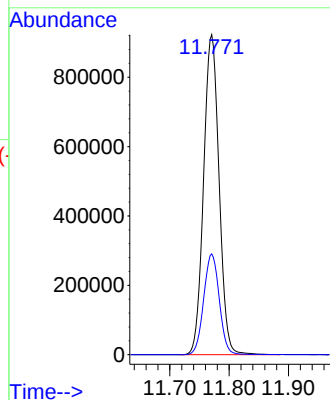
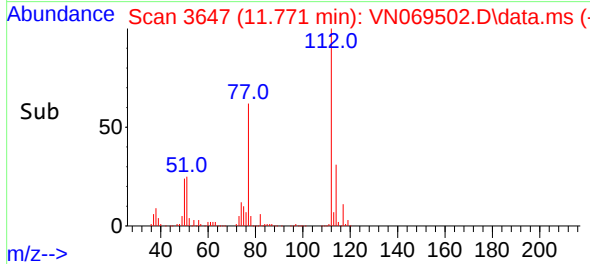
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



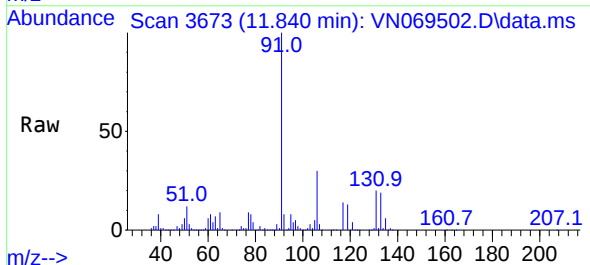
Tgt Ion:112 Resp: 1669630
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

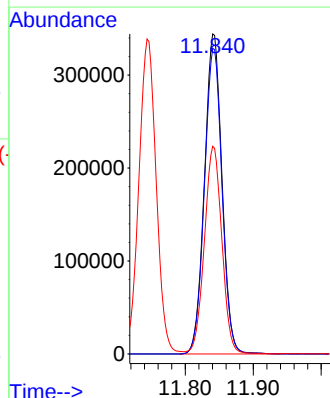
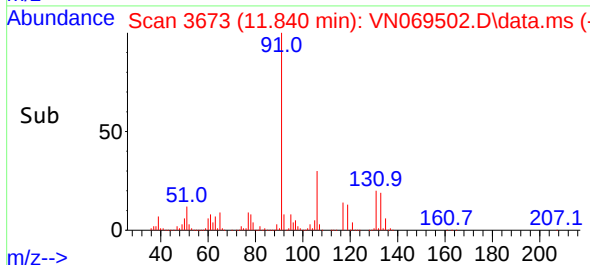
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

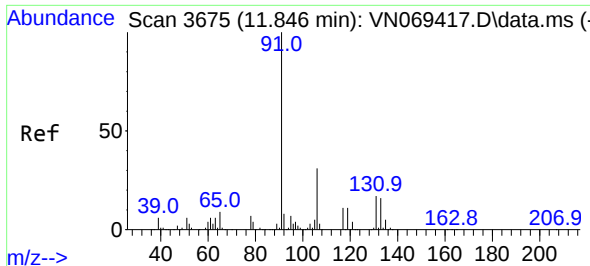


#66
1,1,1,2-Tetrachloroethane
Concen: 50.849 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion:131 Resp: 617106
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.6 32.1 96.5





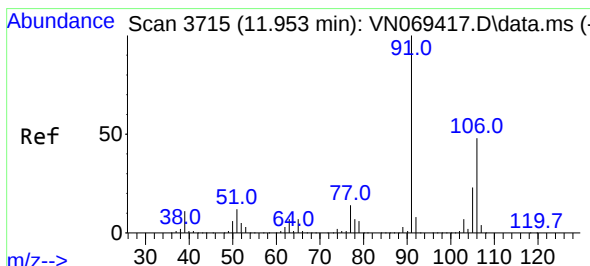
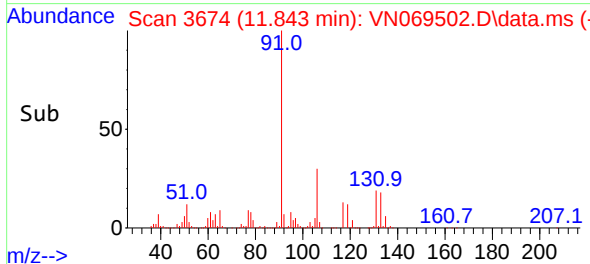
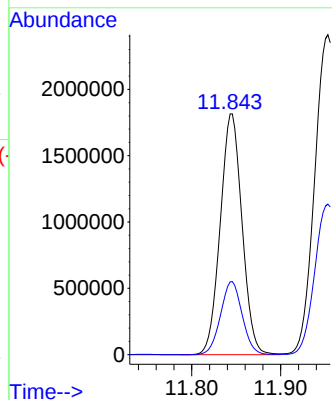
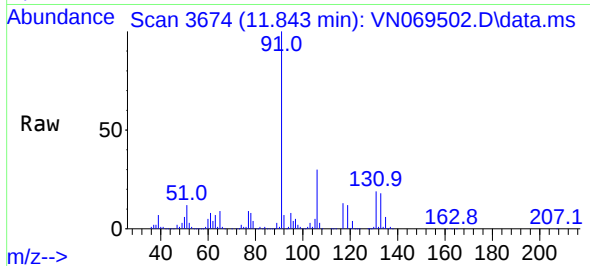
#67
Ethyl Benzene
Concen: 47.920 ug/l
RT: 11.843 min Scan# 3092354
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 3092354
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

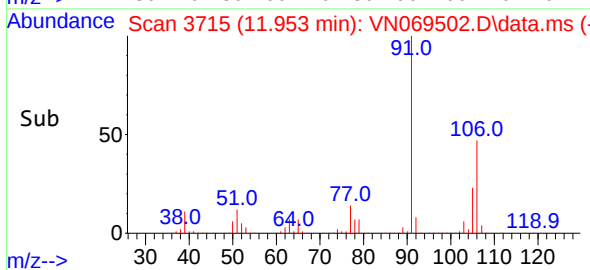
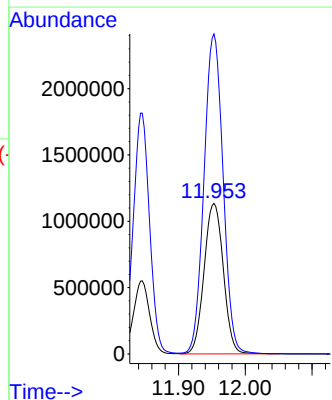
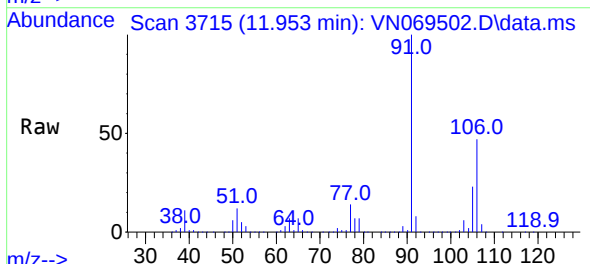
Manual Integrations
APPROVED

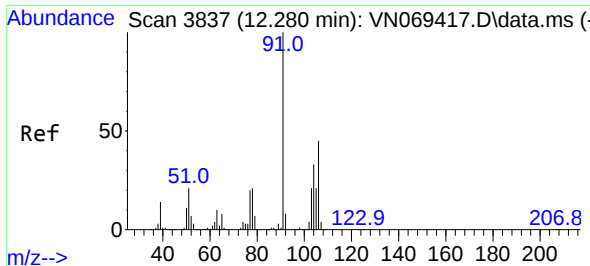
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 95.775 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

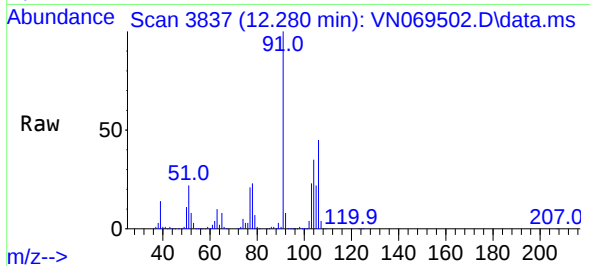
Tgt Ion:106 Resp: 2273090
Ion Ratio Lower Upper
106 100
91 210.5 160.6 240.8





#69
o-Xylene
Concen: 48.695 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

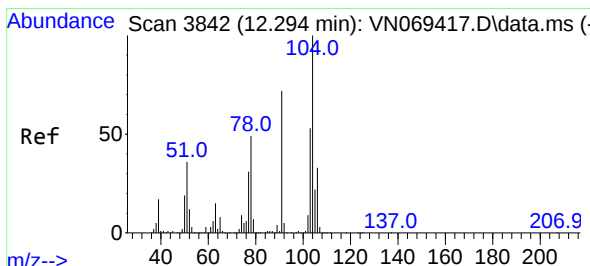
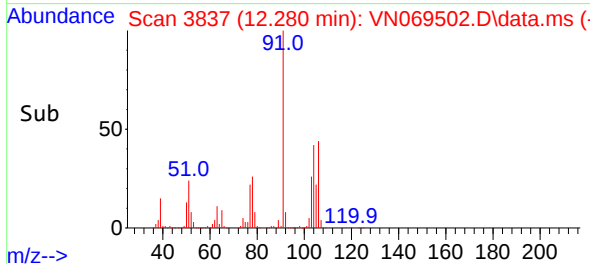
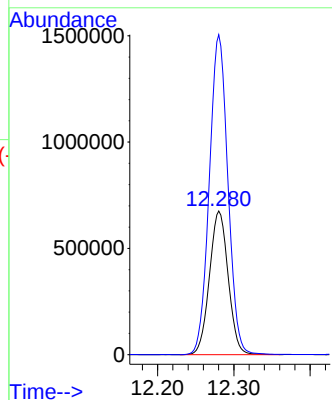
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 1152160
Ion Ratio Lower Upper
106 100
91 221.2 105.8 317.3

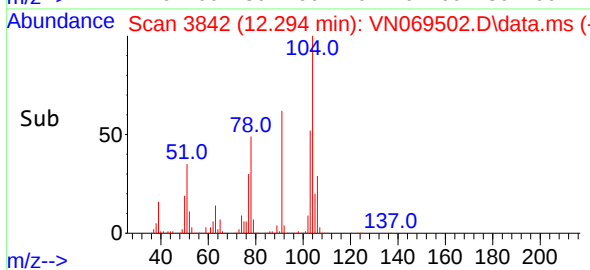
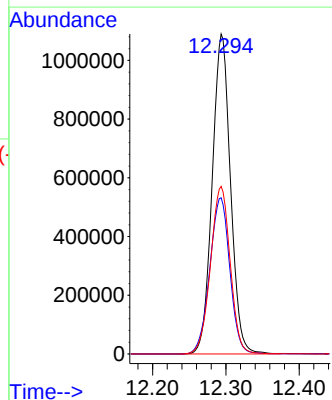
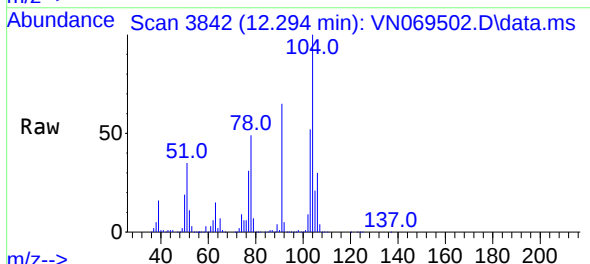
Manual Integrations
APPROVED

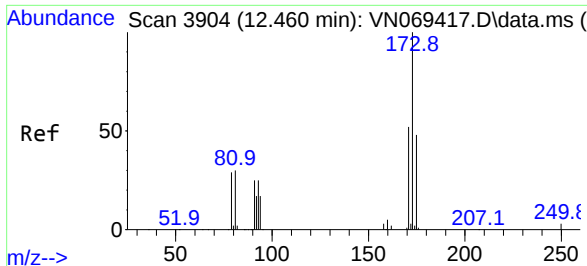
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 44.679 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

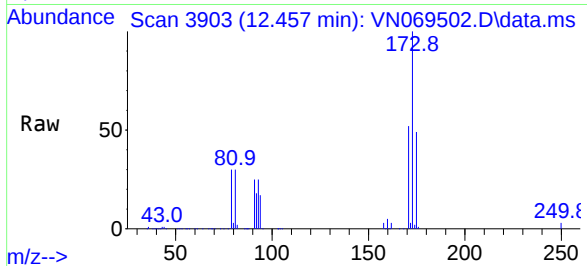
Tgt Ion:104 Resp: 1890993
Ion Ratio Lower Upper
104 100
78 53.7 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 43.274 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

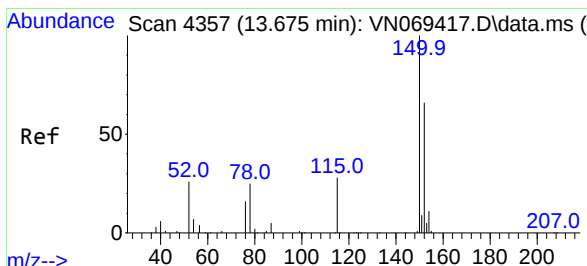
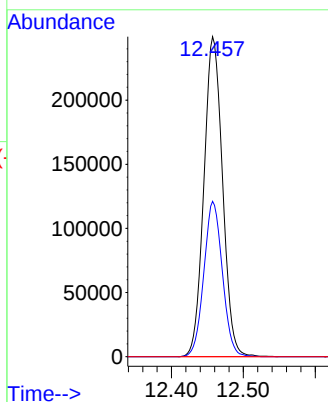
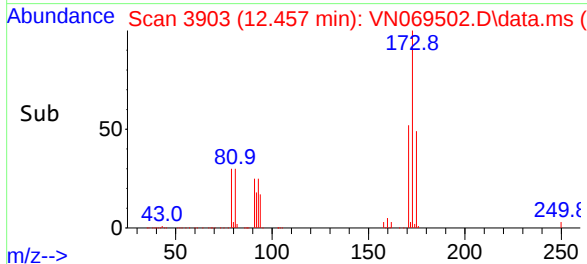
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



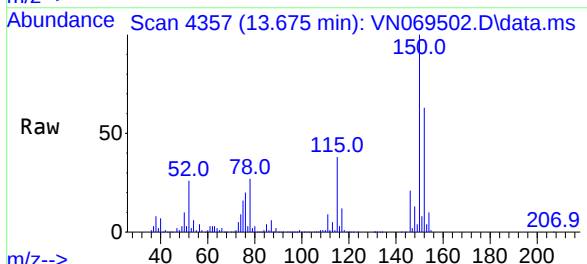
Tgt Ion:173 Resp: 450792
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

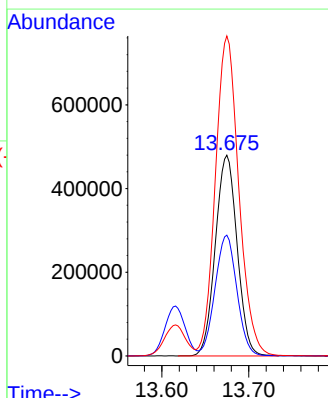
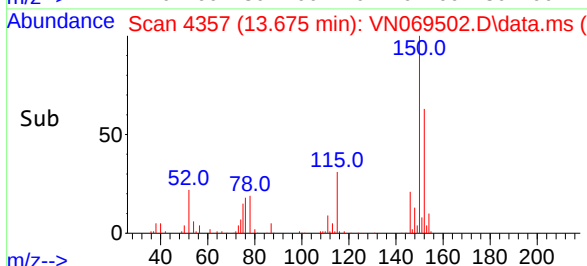
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

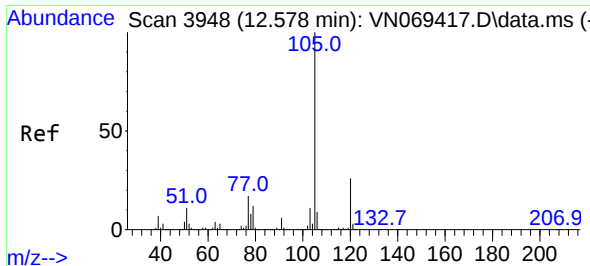


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



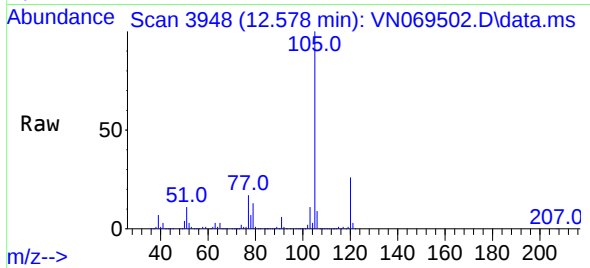
Tgt Ion:152 Resp: 835213
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 171.6 0.0 344.4





#73
Isopropylbenzene
Concen: 46.136 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

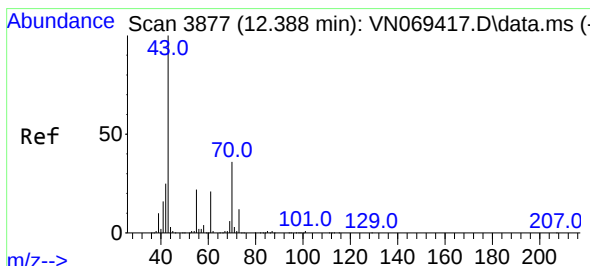
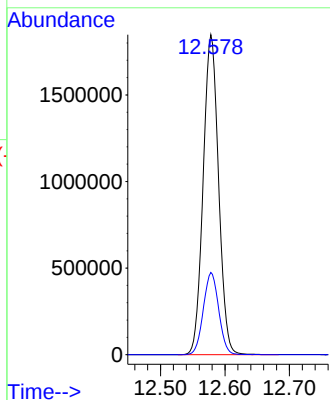
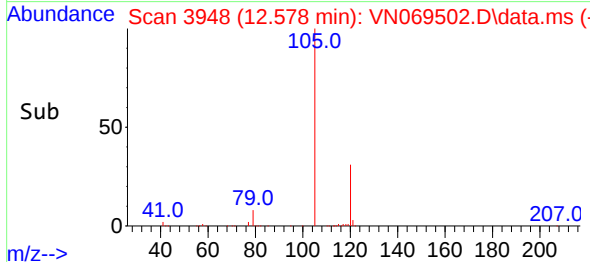
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



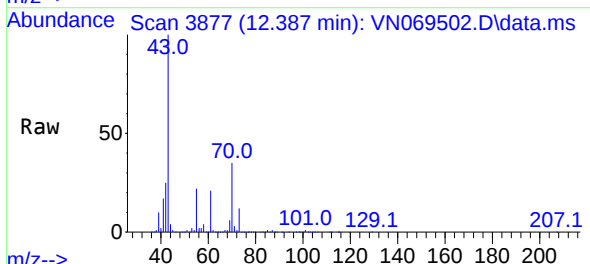
Tgt Ion:105 Resp: 306808
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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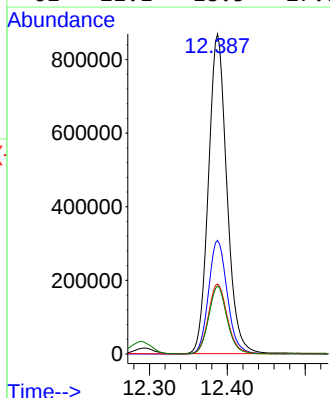
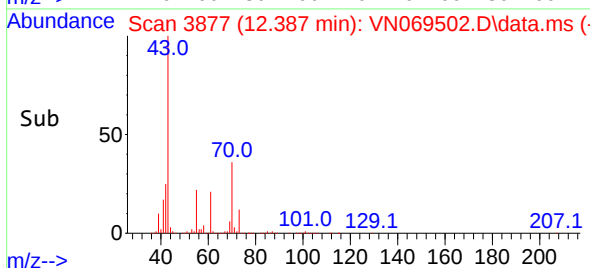
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

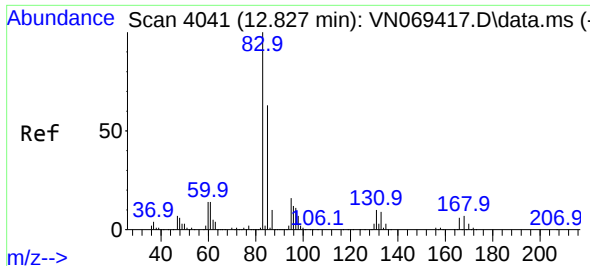


#74
N-ethyl acetate
Concen: 50.590 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



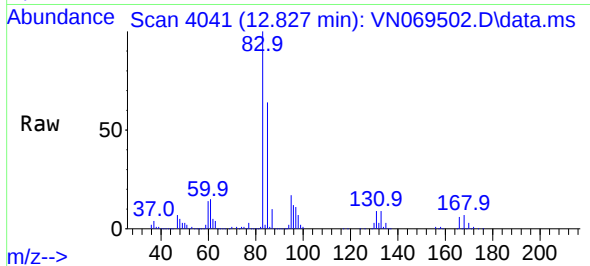
Tgt Ion: 43 Resp: 1425760
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 22.6 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.954 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

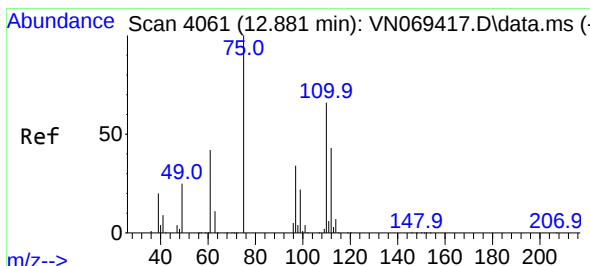
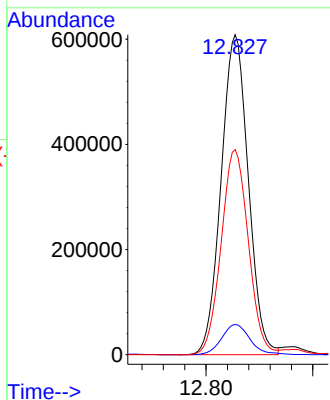
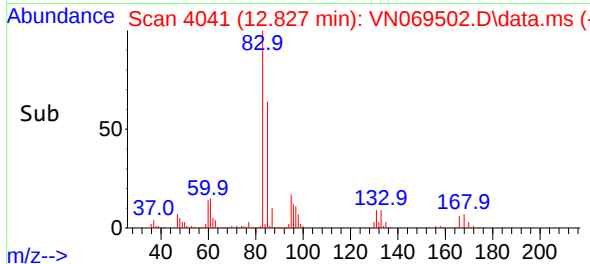
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



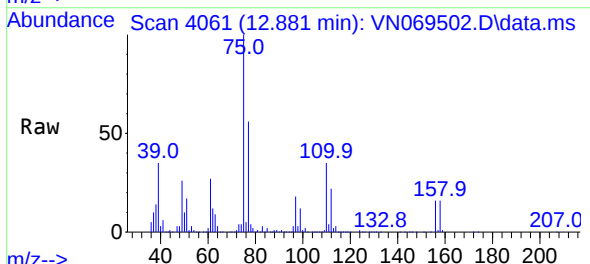
Tgt Ion: 83 Resp: 107554
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.0 32.4 97.2

Manual Integrations
APPROVED

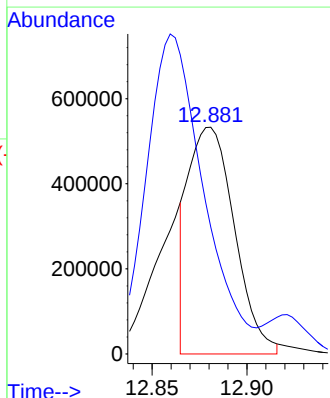
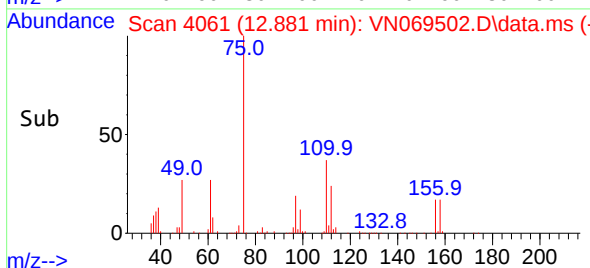
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

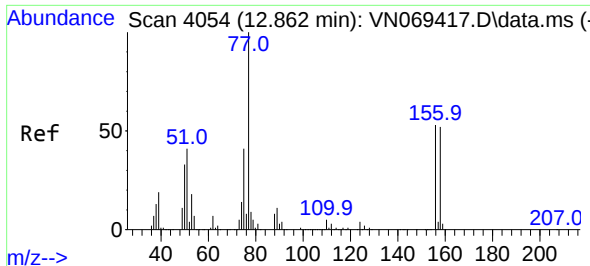


#76
1,2,3-Trichloropropane
Concen: 46.678 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion: 75 Resp: 899713
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





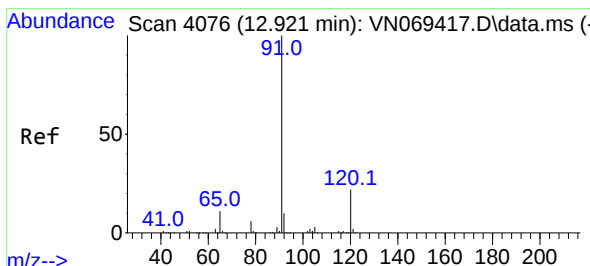
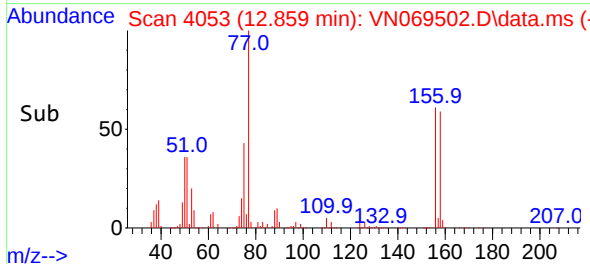
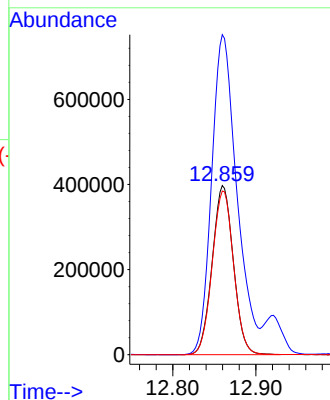
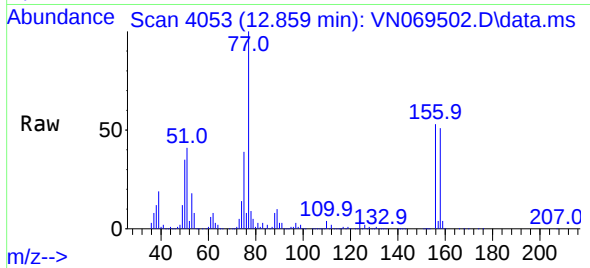
#77
Bromobenzene
Concen: 46.360 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 705084
Ion Ratio Lower Upper
156 100
77 224.7 90.6 271.8
158 97.8 48.9 146.7

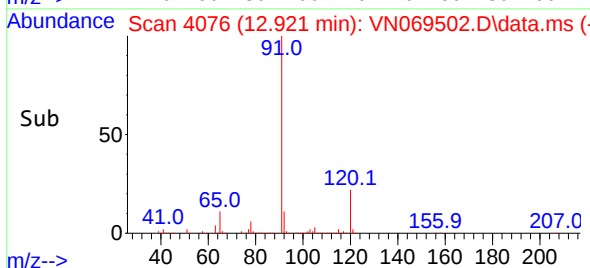
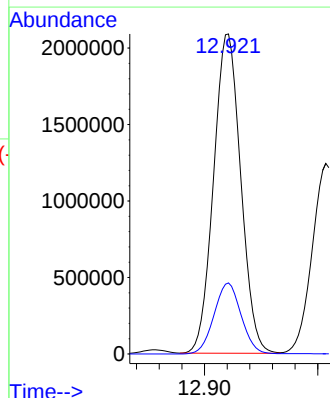
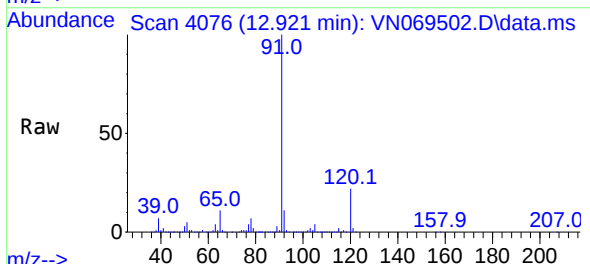
Manual Integrations
APPROVED

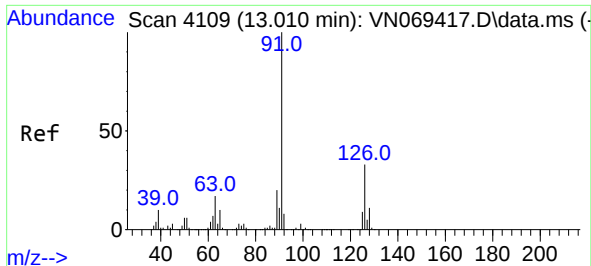
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 46.413 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Tgt Ion: 91 Resp: 3472963
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





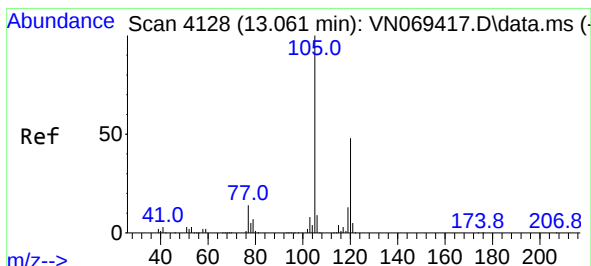
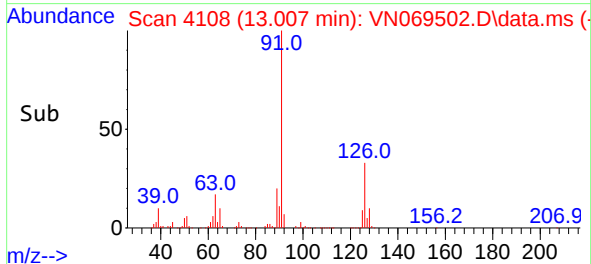
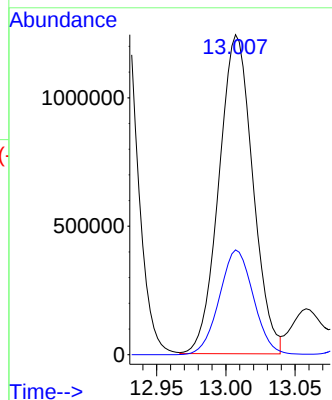
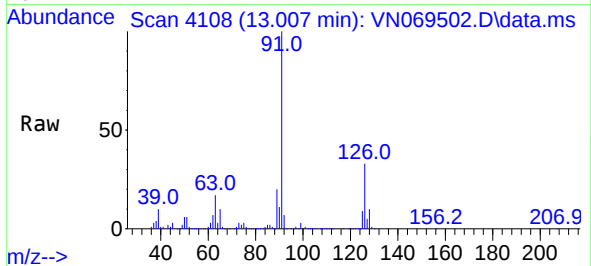
#79
2-Chlorotoluene
Concen: 45.665 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 211572
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

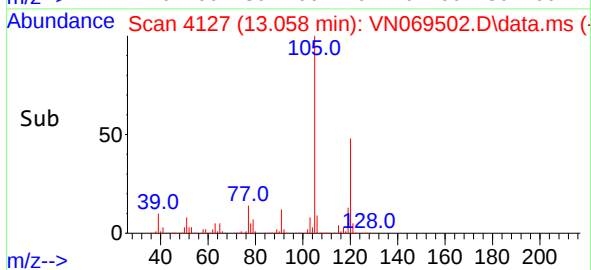
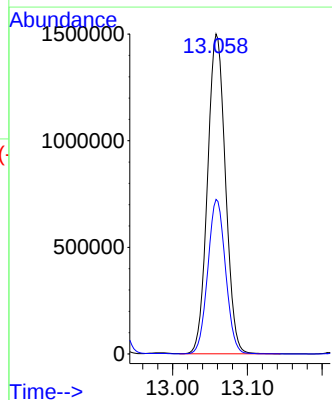
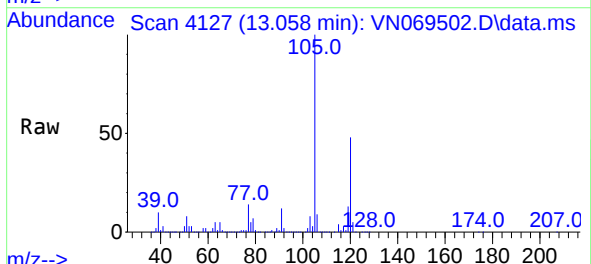
Manual Integrations
APPROVED

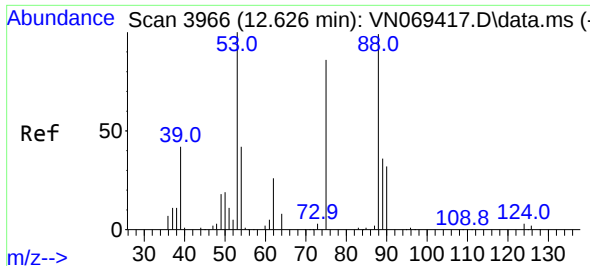
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.423 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

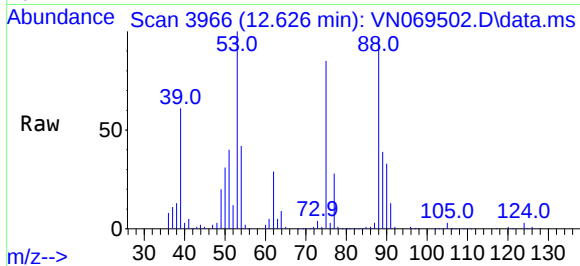
Tgt Ion:105 Resp: 2495697
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.413 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

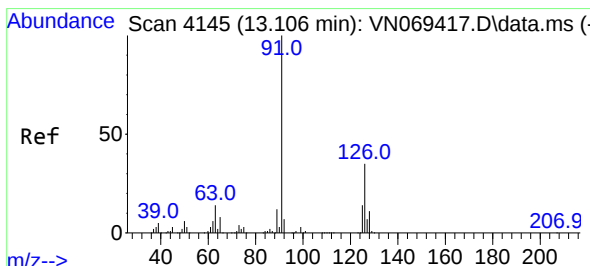
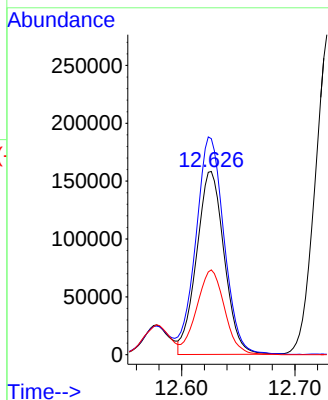
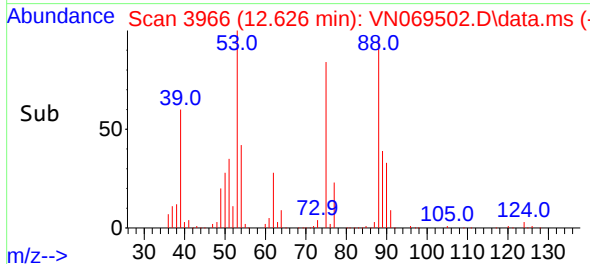
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



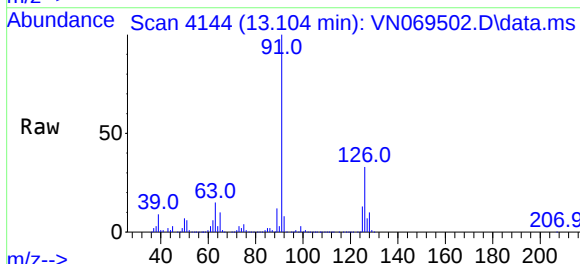
Tgt Ion: 75 Resp: 26820
Ion Ratio Lower Upper
75 100
53 121.5 90.5 135.7
89 47.1 38.2 57.4

Manual Integrations
APPROVED

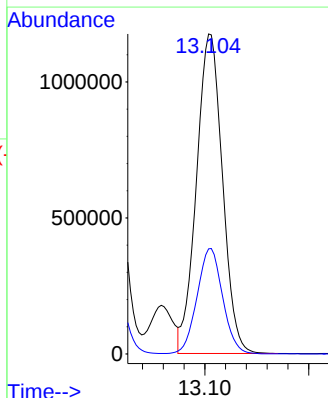
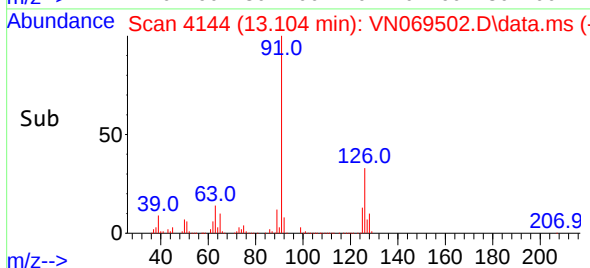
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

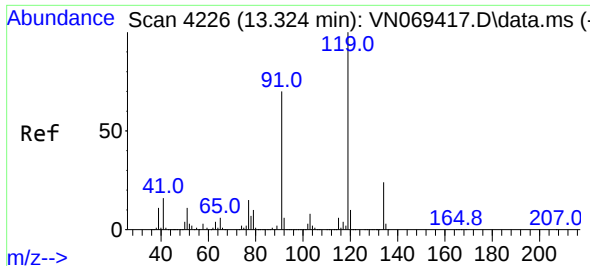


#82
4-Chlorotoluene
Concen: 46.173 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



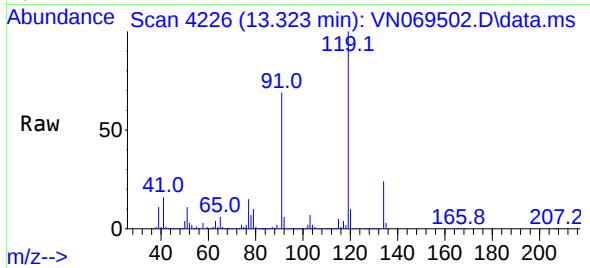
Tgt Ion: 91 Resp: 2039282
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.874 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

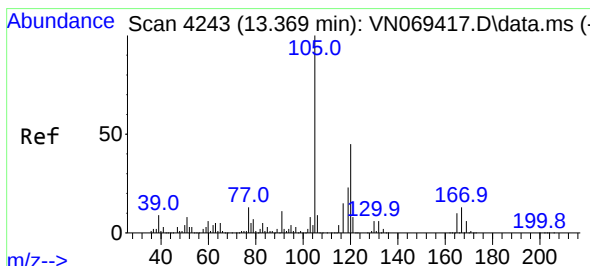
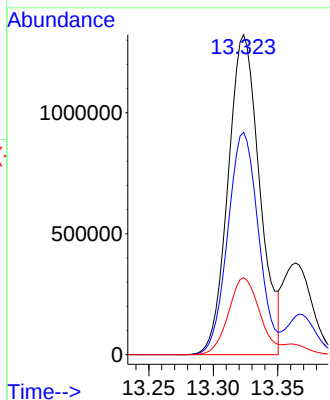
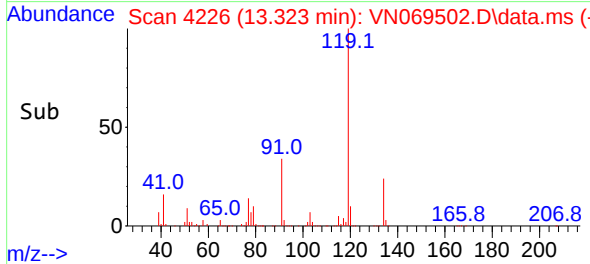
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



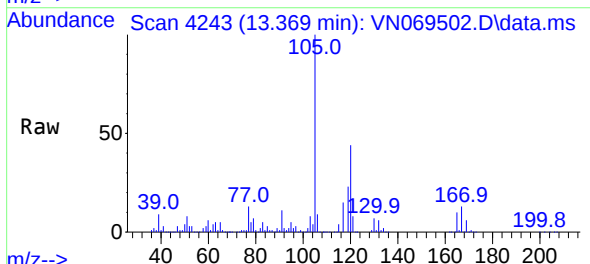
Tgt Ion:119 Resp: 2255400
Ion Ratio Lower Upper
119 100
91 67.5 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
APPROVED

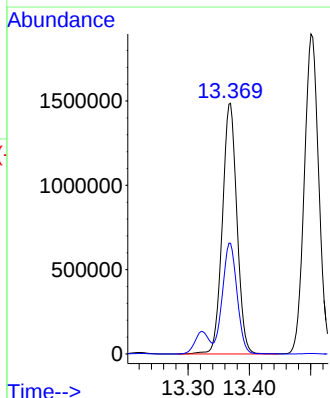
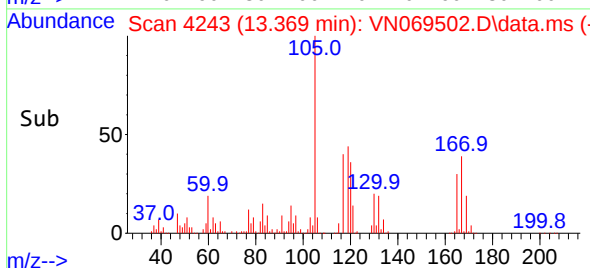
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

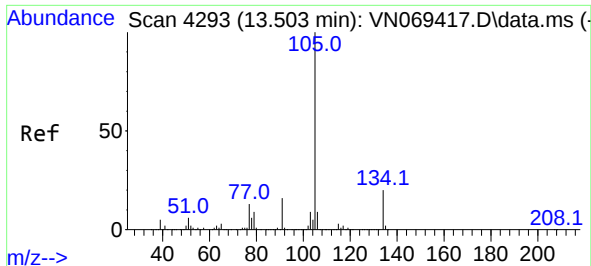


#84
1,2,4-Trimethylbenzene
Concen: 47.375 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion:105 Resp: 2458736
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





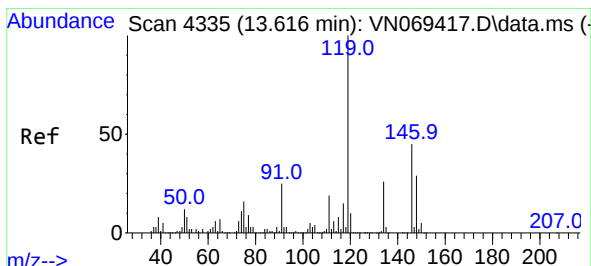
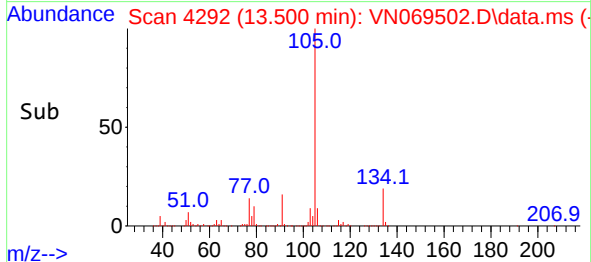
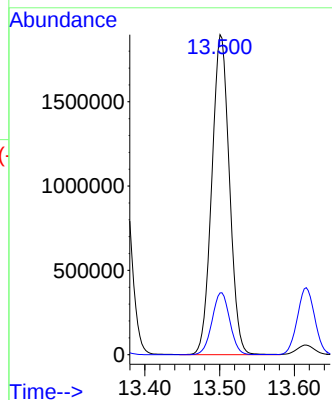
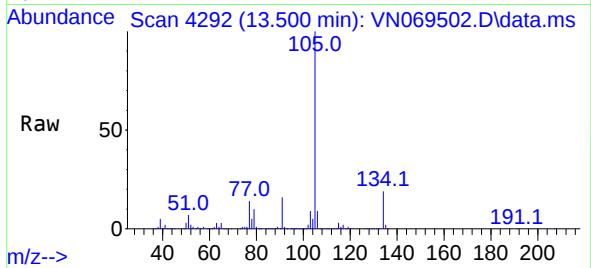
#85
 sec-Butylbenzene
 Concen: 47.054 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069502.D
 Acq: 15 Nov 2021 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 3096612
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

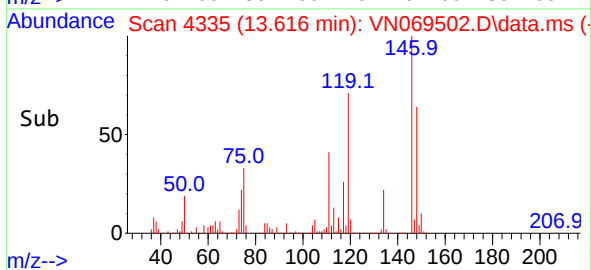
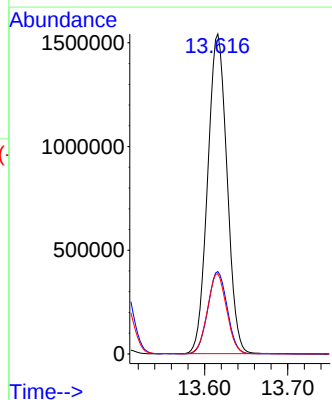
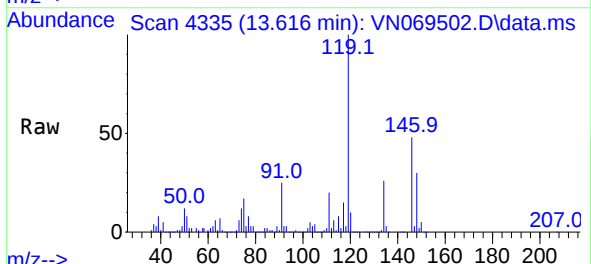
Manual Integrations
 APPROVED

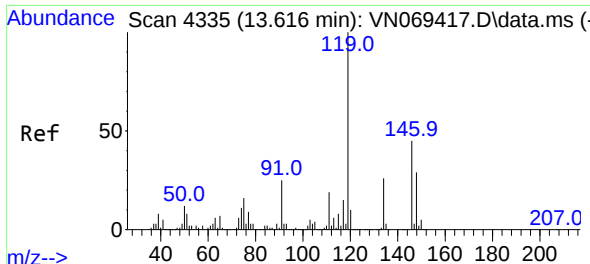
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 47.707 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069502.D
 Acq: 15 Nov 2021 19:57

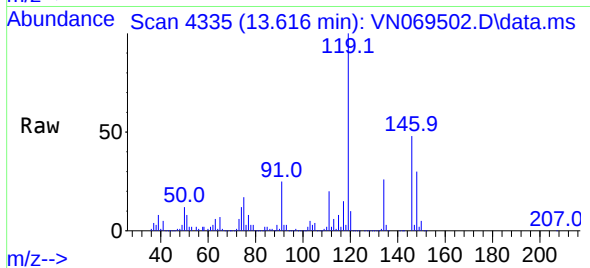
Tgt Ion:119 Resp: 2492331
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.891 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

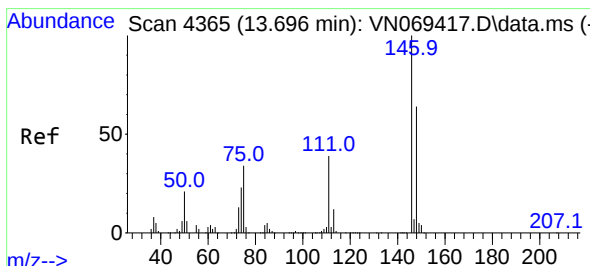
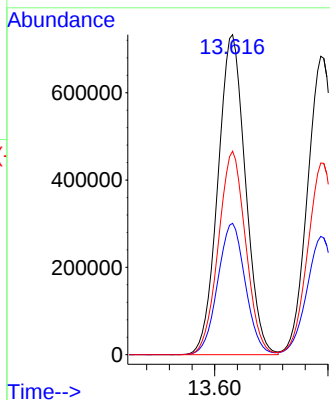
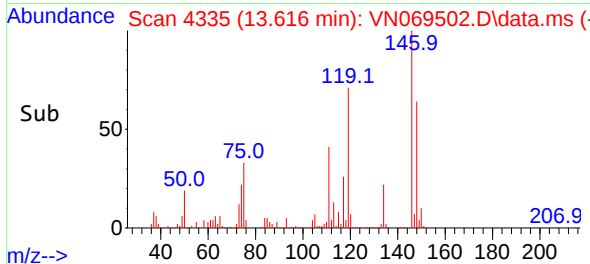
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



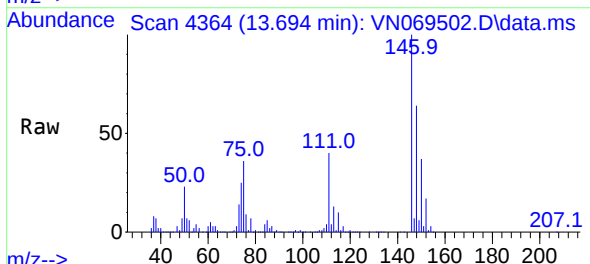
Tgt Ion:146 Resp: 1236410
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 63.3 31.6 95.0

Manual Integrations
APPROVED

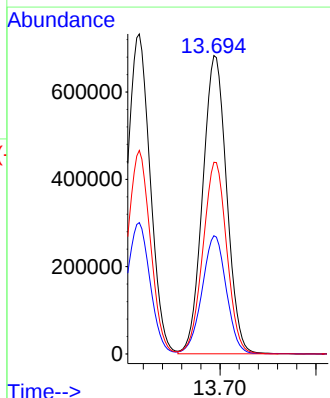
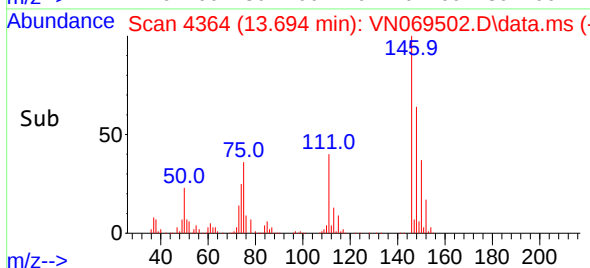
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

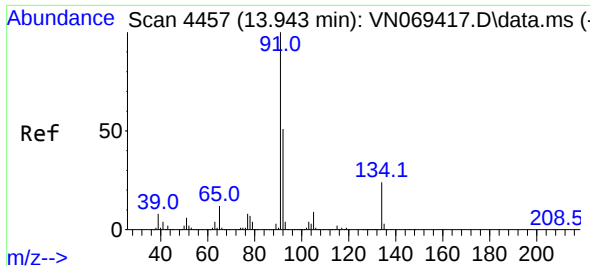


#88
1,4-Dichlorobenzene
Concen: 45.960 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



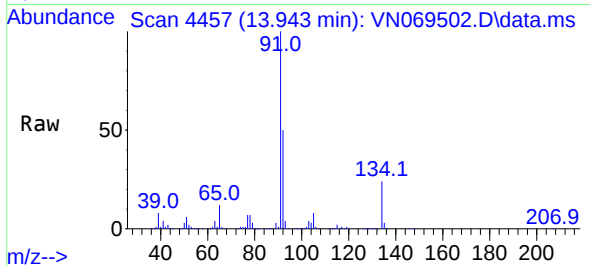
Tgt Ion:146 Resp: 1188882
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 46.750 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

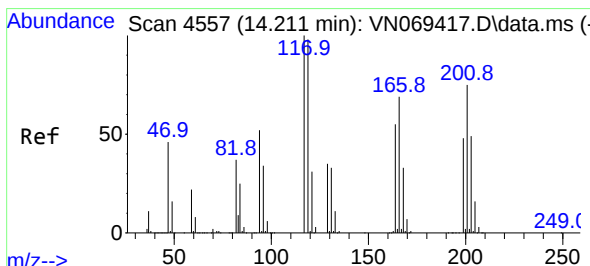
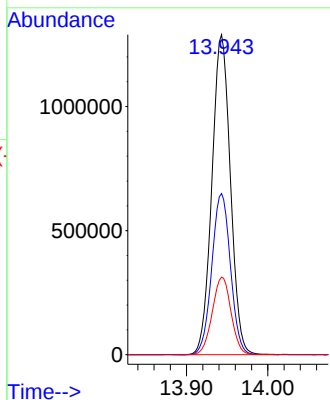
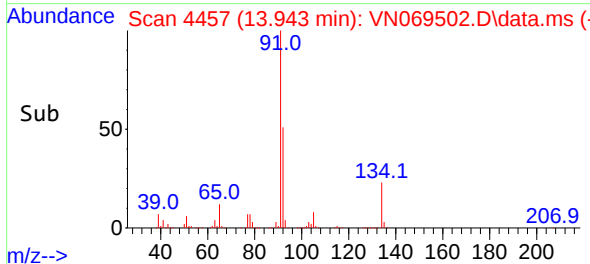
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



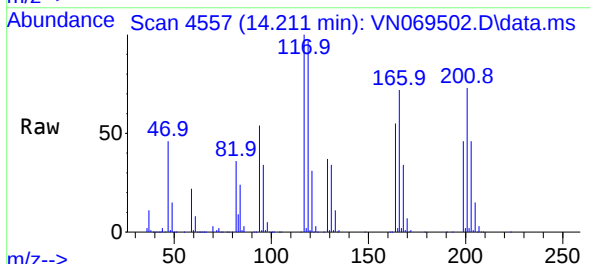
Tgt Ion: 91 Resp: 2036730
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.6 13.6 40.8

Manual Integrations
APPROVED

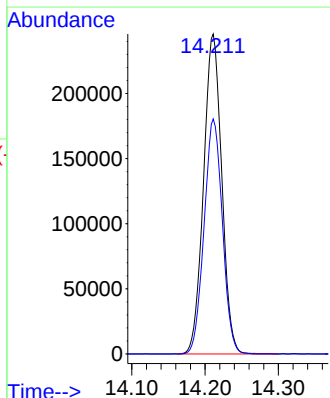
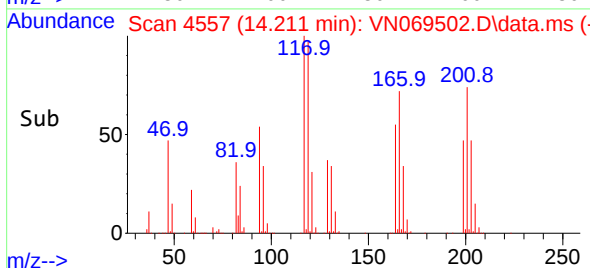
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

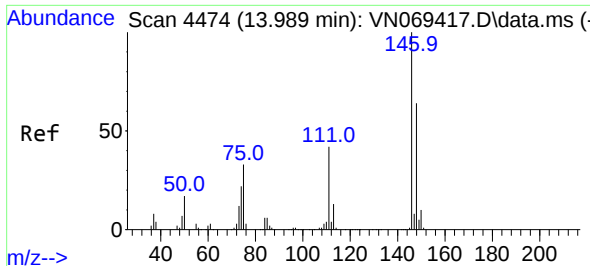


#90
Hexachloroethane
Concen: 44.352 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion:117 Resp: 423446
Ion Ratio Lower Upper
117 100
201 73.8 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 48.045 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VN069502.D

Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 120548

Ion Ratio Lower Upper

146 100

111 42.5 19.1 57.3

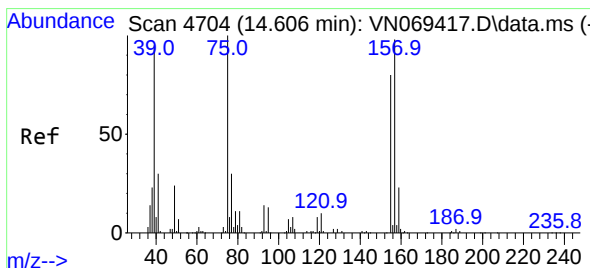
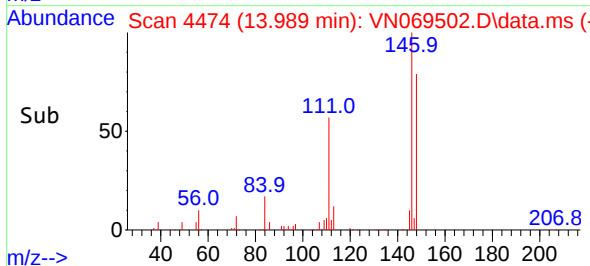
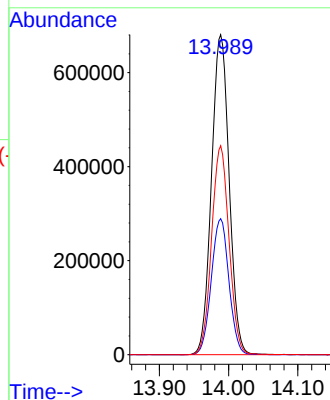
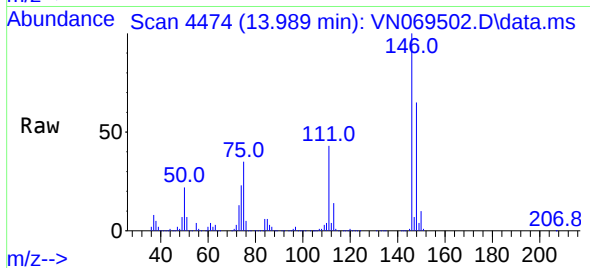
148 64.5 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.332 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. -0.003 min

Lab File: VN069502.D

Acq: 15 Nov 2021 19:57

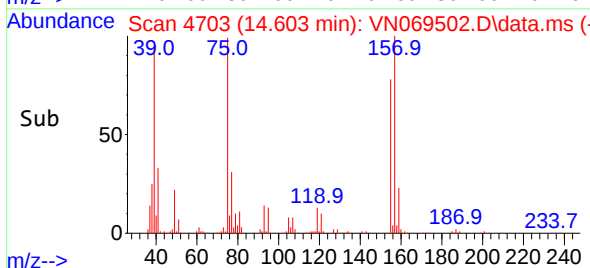
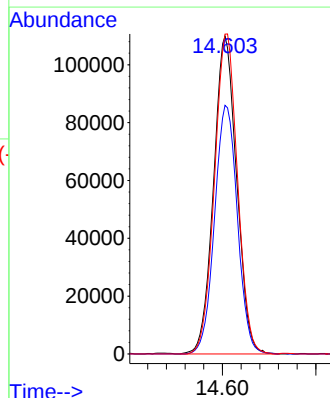
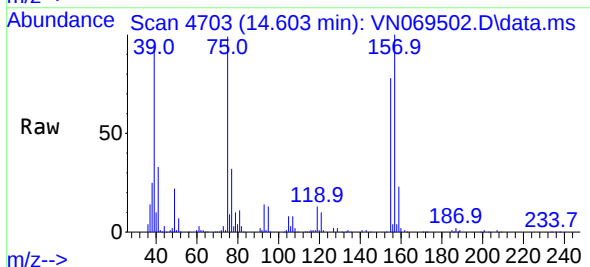
Tgt Ion: 75 Resp: 188305

Ion Ratio Lower Upper

75 100

155 77.6 46.9 140.7

157 100.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 41.889 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

Instrument :

MSVOA_N

ClientSampleId :

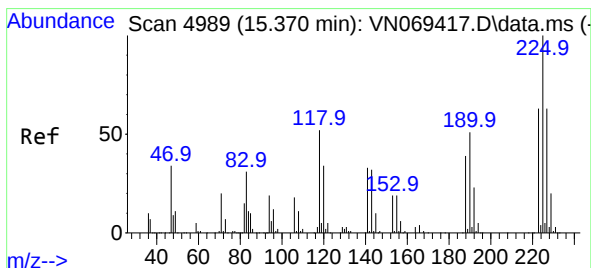
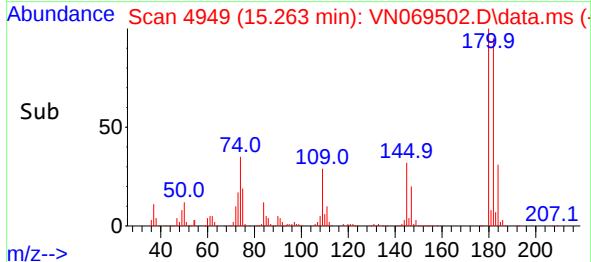
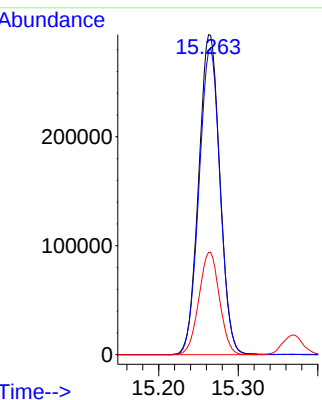
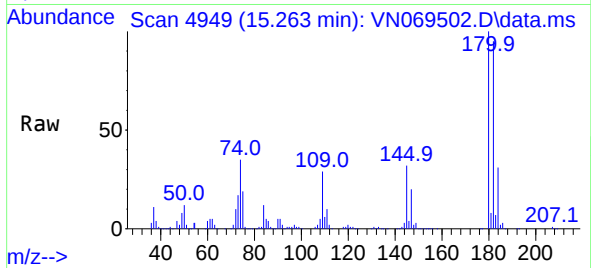
VSTDCCC050EC

Tgt Ion:180 Resp: 54362
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 31.2 14.5 43.5

Manual Integrations

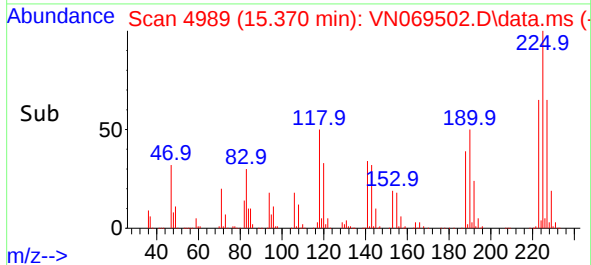
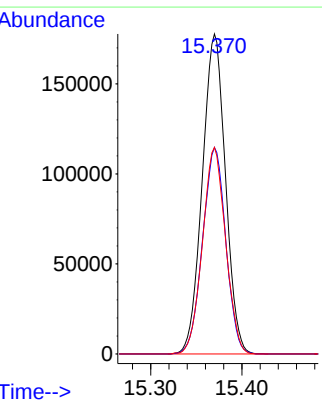
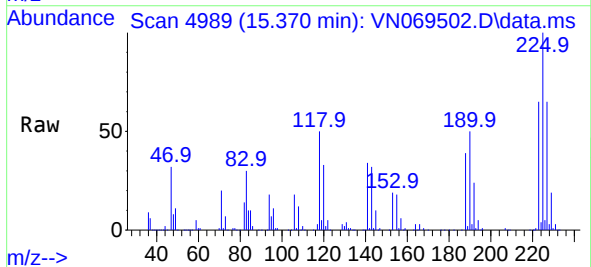
APPROVED

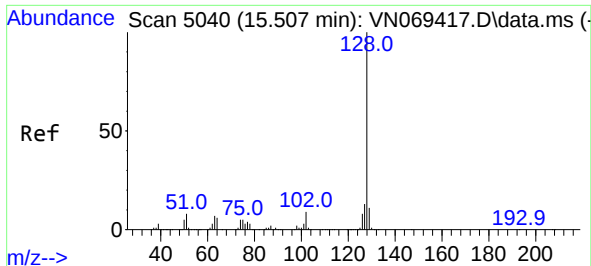
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 48.110 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

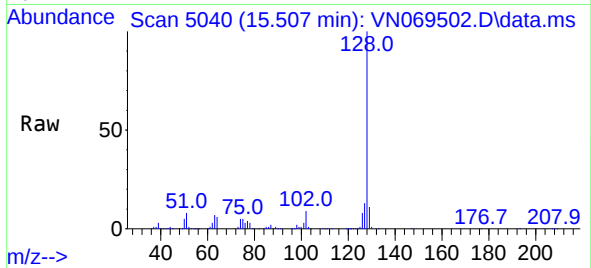
Tgt Ion:225 Resp: 313645
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.7
227 64.3 32.1 96.3





#95
Naphthalene
Concen: 43.013 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57

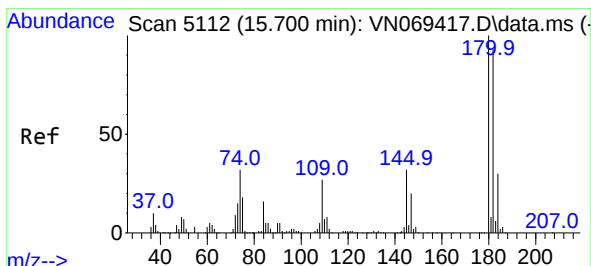
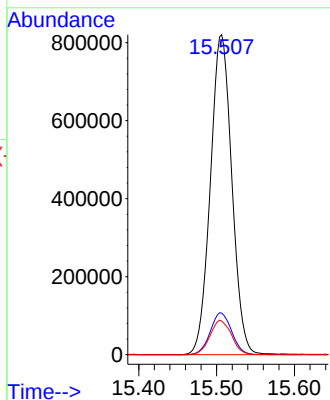
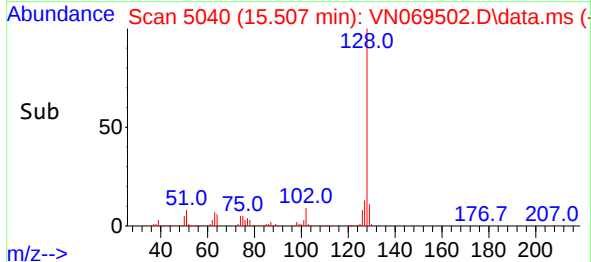
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



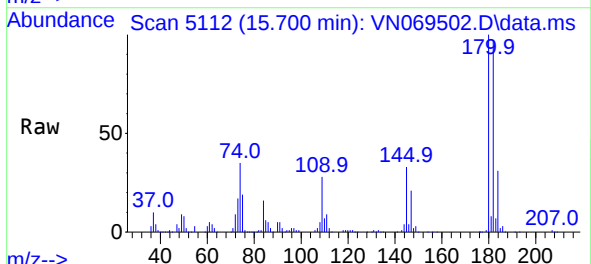
Tgt Ion:128 Resp: 1569479
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 43.199 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069502.D
Acq: 15 Nov 2021 19:57



Tgt Ion:180 Resp: 537291
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.5 15.0 45.1

