

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067118.D
 Acq On : 18 May 2021 11:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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Quant Time: May 19 02:45:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	552991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	798072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	715619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	344829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	290090	48.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.12%		
35) Dibromofluoromethane	7.519	113	268133	51.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.34%		
50) Toluene-d8	10.035	98	1005832	50.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.28%		
62) 4-Bromofluorobenzene	12.355	95	352332	52.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.855	85	239843	47.66	ug/l	100
3) Chloromethane	2.056	50	282042	46.20	ug/l	100
4) Vinyl Chloride	2.179	62	298769	48.91	ug/l	100
5) Bromomethane	2.523	94	196934	46.52	ug/l	98
6) Chloroethane	2.670	64	177806	48.88	ug/l	99
7) Trichlorofluoromethane	2.987	101	398686	50.45	ug/l	99
8) Diethyl Ether	3.370	74	162062	48.23	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	252818	50.05	ug/l	99
10) Methyl Iodide	3.899	142	414426	49.77	ug/l	99
11) Tert butyl alcohol	4.719	59	251140	252.19	ug/l #	84
12) 1,1-Dichloroethene	3.687	96	241910	46.53	ug/l	96
13) Acrolein	3.563	56	78179	255.13	ug/l	96
14) Allyl chloride	4.261	41	392775	49.01	ug/l	99
15) Acrylonitrile	4.907	53	570593	256.36	ug/l	98
16) Acetone	3.767	43	491933	264.94	ug/l	100
17) Carbon Disulfide	3.998	76	636284	45.67	ug/l	99
18) Methyl Acetate	4.263	43	290370	52.59	ug/l	98
19) Methyl tert-butyl Ether	4.969	73	773601	49.17	ug/l	99
20) Methylene Chloride	4.483	84	283380	46.65	ug/l	100
21) trans-1,2-Dichloroethene	4.963	96	263452	47.44	ug/l	97
22) Diisopropyl ether	5.872	45	724999	48.98	ug/l	96
23) Vinyl Acetate	5.813	43	3310414	256.20	ug/l	100
24) 1,1-Dichloroethane	5.768	63	483785	48.30	ug/l	99
25) 2-Butanone	6.752	43	787991	272.16	ug/l	98
26) 2,2-Dichloropropane	6.741	77	440288	47.80	ug/l	99
27) cis-1,2-Dichloroethene	6.749	96	323328	48.75	ug/l	98
28) Bromochloromethane	7.117	49	207454	49.92	ug/l	100
29) Tetrahydrofuran	7.133	42	477087	265.36	ug/l	97
30) Chloroform	7.297	83	500676	48.82	ug/l	100
31) Cyclohexane	7.584	56	373406	45.37	ug/l	98
32) 1,1,1-Trichloroethane	7.498	97	447235	48.43	ug/l	99
36) 1,1-Dichloropropene	7.723	75	368189	50.57	ug/l	99
37) Ethyl Acetate	6.849	43	337934	52.56	ug/l	99
38) Carbon Tetrachloride	7.704	117	396098	51.11	ug/l	100
39) Methylcyclohexane	9.021	83	430330	50.49	ug/l	97
40) Benzene	7.975	78	1127687	51.00	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	134219	51.72	ug/l #	92
42) 1,2-Dichloroethane	8.058	62	367991	51.75	ug/l	100
43) Isopropyl Acetate	8.098	43	569534	53.37	ug/l	99
44) Trichloroethene	8.774	130	326068	51.87	ug/l	99
45) 1,2-Dichloropropane	9.059	63	295081	51.04	ug/l	98
46) Dibromomethane	9.150	93	200916	52.07	ug/l	99
47) Bromodichloromethane	9.346	83	409853	51.25	ug/l	98
48) Methyl methacrylate	9.142	41	253475	49.44	ug/l	99
49) 1,4-Dioxane	9.144	88	81685	1075.62	ug/l	98
51) 4-Methyl-2-Pentanone	9.928	43	1653377	257.56	ug/l	99
52) Toluene	10.099	92	738308	51.69	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	456168	53.51	ug/l	99
54) cis-1,3-Dichloropropene	9.783	75	496210	51.79	ug/l	98
55) 1,1,2-Trichloroethane	10.510	97	297346	52.40	ug/l	100
56) Ethyl methacrylate	10.378	69	428062	49.07	ug/l	99
57) 1,3-Dichloropropane	10.654	76	483405	53.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.638	63	336547	267.46	ug/l	100
59) 2-Hexanone	10.700	43	1074512	258.71	ug/l	100
60) Dibromochloromethane	10.850	129	357991	53.57	ug/l	100
61) 1,2-Dibromoethane	10.955	107	307085	52.76	ug/l	99
64) Tetrachloroethene	10.579	164	330951	52.70	ug/l	98
65) Chlorobenzene	11.384	112	825697	51.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.456	131	326995	51.69	ug/l	100
67) Ethyl Benzene	11.462	91	1399948	52.08	ug/l	100
68) m/p-Xylenes	11.574	106	1109512	106.82	ug/l	100
69) o-Xylene	11.899	106	546014	52.22	ug/l	100
70) Styrene	11.918	104	876214	53.84	ug/l	99
71) Bromoform	12.079	173	273997	49.98	ug/l #	100
73) Isopropylbenzene	12.202	105	1427237	49.56	ug/l	100
74) N-amyl acetate	12.030	43	264032	55.06	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.457	83	410325	47.01	ug/l	98
76) 1,2,3-Trichloropropane	12.505	75	372547m	51.20	ug/l	
77) Bromobenzene	12.478	156	373373	52.12	ug/l	98
78) n-propylbenzene	12.543	91	1521130	52.21	ug/l	99
79) 2-Chlorotoluene	12.626	91	919831	47.70	ug/l	99
80) 1,3,5-Trimethylbenzene	12.687	105	1176195	48.95	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.253	75	115011	48.69	ug/l	99
82) 4-Chlorotoluene	12.725	91	905849	49.13	ug/l	99
83) tert-Butylbenzene	12.945	119	1059698	46.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.993	105	1115660	50.36	ug/l	99
85) sec-Butylbenzene	13.124	105	1394740	51.47	ug/l	100
86) p-Isopropyltoluene	13.243	119	1204505	51.22	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	626207	53.84	ug/l	100
88) 1,4-Dichlorobenzene	13.318	146	621794	51.33	ug/l	99
89) n-Butylbenzene	13.570	91	869135	48.74	ug/l	100
90) Hexachloroethane	13.827	117	218526	50.77	ug/l	97
91) 1,2-Dichlorobenzene	13.607	146	601701	49.89	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.229	75	67132	52.15	ug/l	99
93) 1,2,4-Trichlorobenzene	14.865	180	336065	54.95	ug/l	99
94) Hexachlorobutadiene	14.962	225	207114	49.18	ug/l	99
95) Naphthalene	15.085	128	708857	48.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	311913	55.29	ug/l	98

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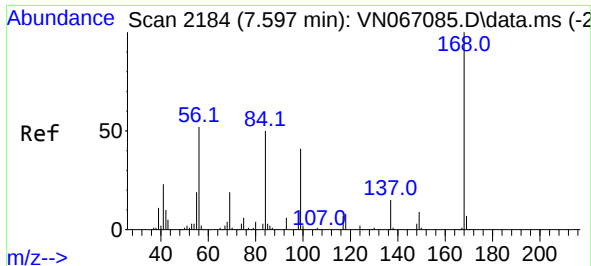
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



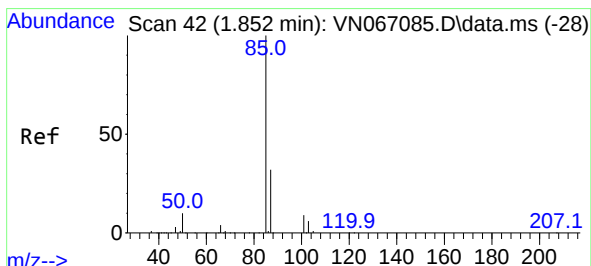
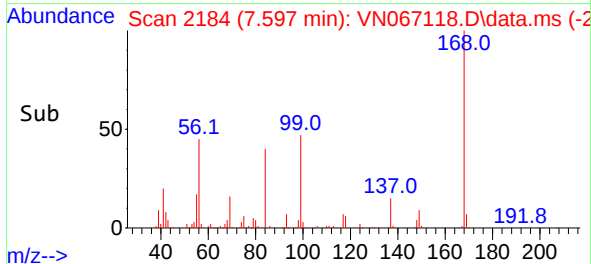
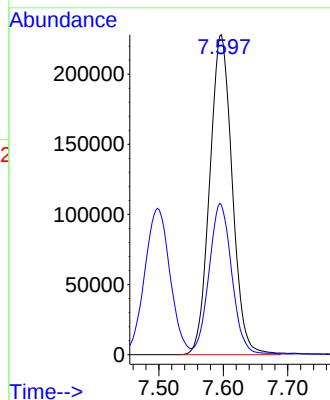
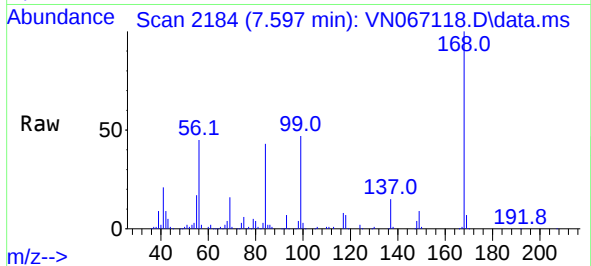
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 168 Resp: 552991
Ion Ratio Lower Upper
168 100
99 46.5 38.5 57.7

Instrument :
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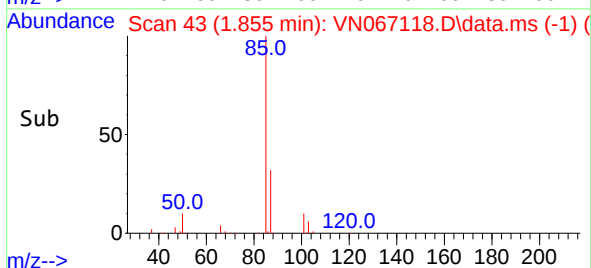
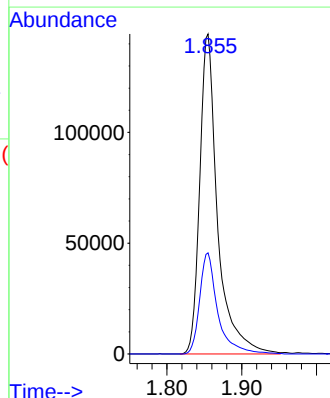
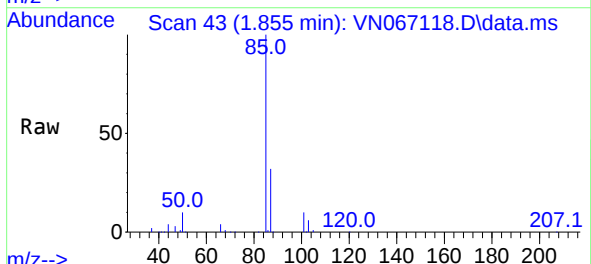
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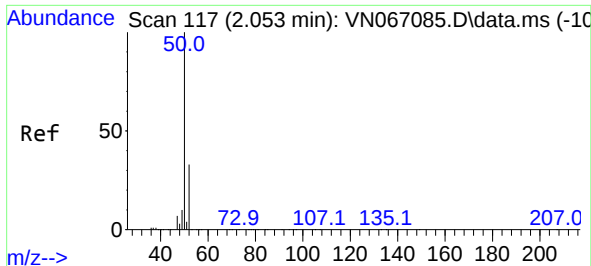
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#2
Dichlorodifluoromethane
Concen: 47.66 ug/l
RT: 1.855 min Scan# 43
Delta R.T. 0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

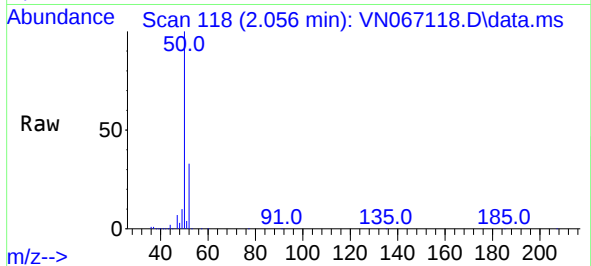
Tgt Ion: 85 Resp: 239843
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 46.20 ug/l
RT: 2.056 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

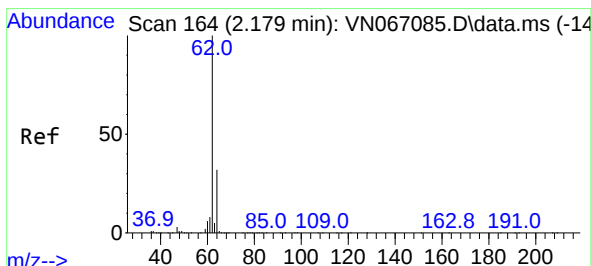
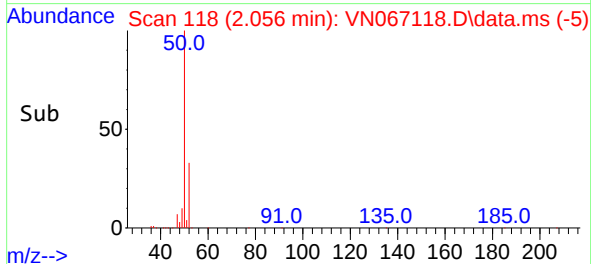
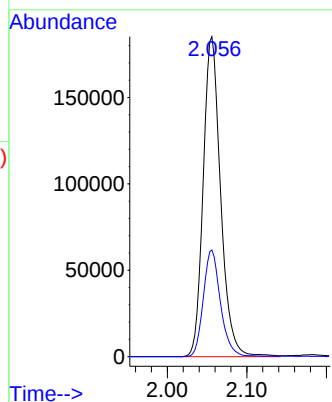
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 50 Resp: 282042
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

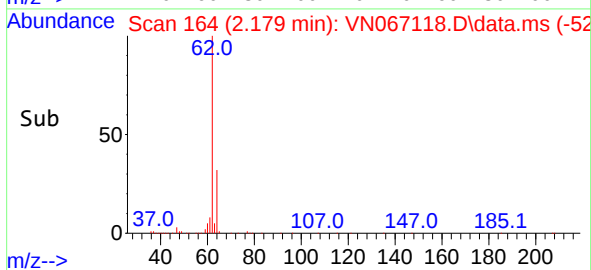
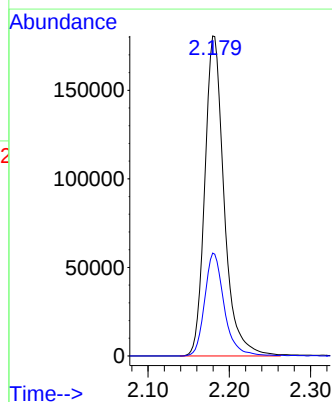
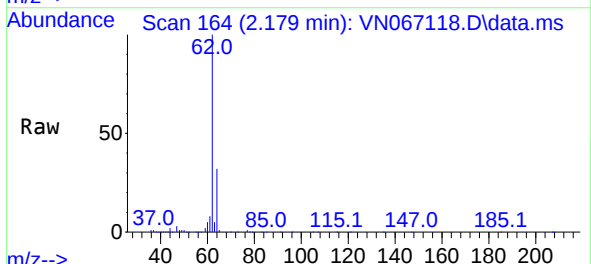
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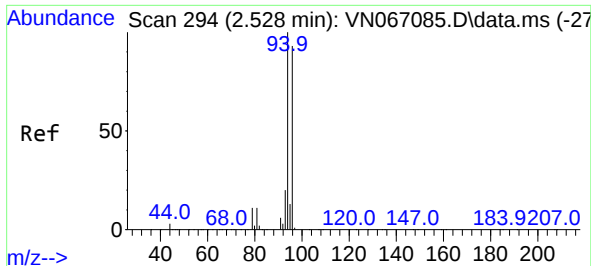
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#4
Vinyl Chloride
Concen: 48.91 ug/l
RT: 2.179 min Scan# 164
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 62 Resp: 298769
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9





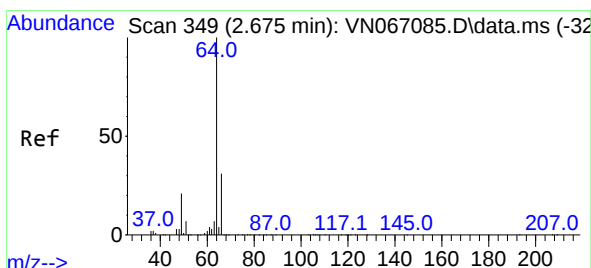
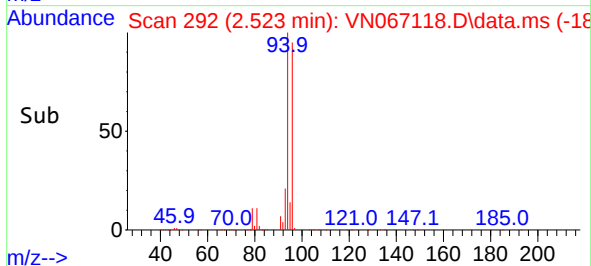
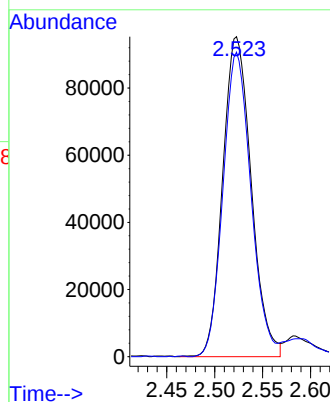
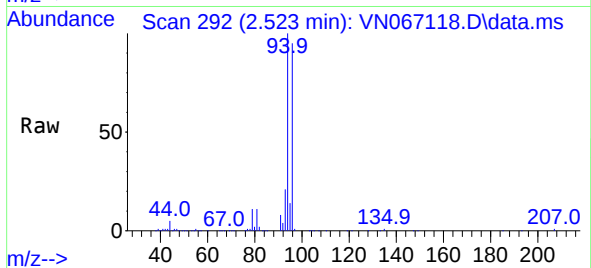
#5
Bromomethane
Concen: 46.52 ug/l
RT: 2.523 min Scan# 292
Delta R.T. -0.005 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 94 Resp: 196934
Ion Ratio Lower Upper
94 100
96 94.9 74.4 111.6

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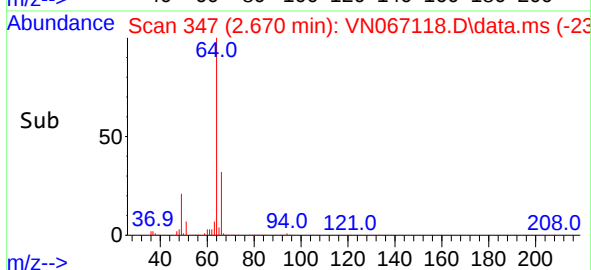
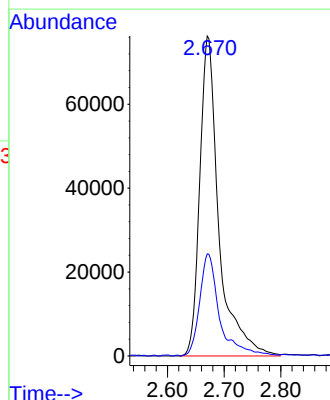
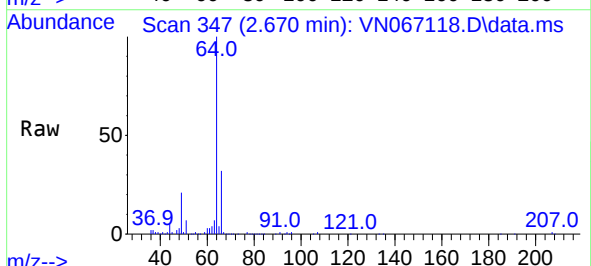
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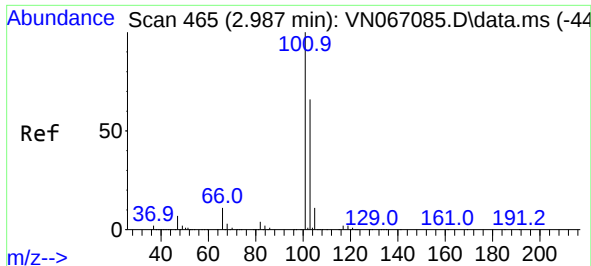
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#6
Chloroethane
Concen: 48.88 ug/l
RT: 2.670 min Scan# 347
Delta R.T. -0.005 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 64 Resp: 177806
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6





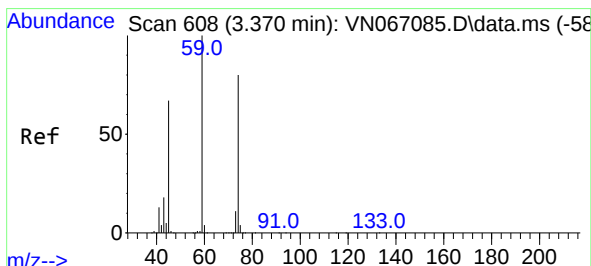
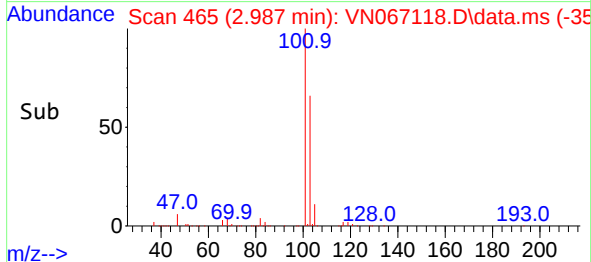
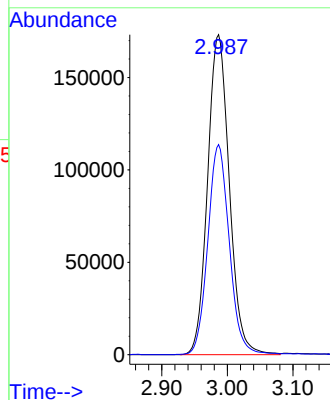
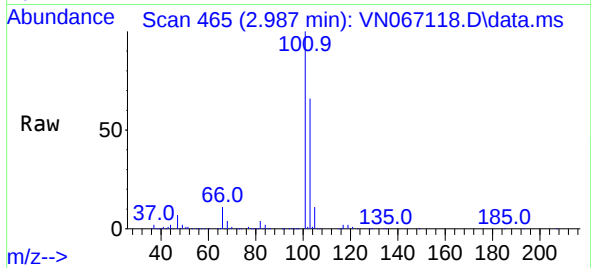
#7
Trichlorofluoromethane
Concen: 50.45 ug/l
RT: 2.987 min Scan# 465
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:101 Resp: 398686
Ion Ratio Lower Upper
101 100
103 65.5 53.2 79.8

Instrument :
MSVOA_N
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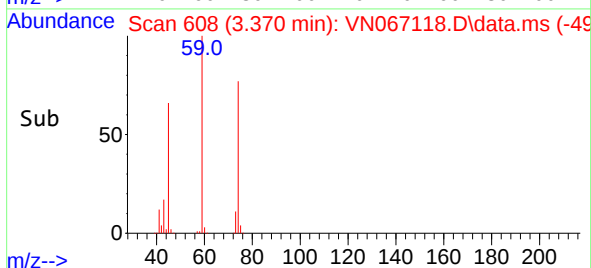
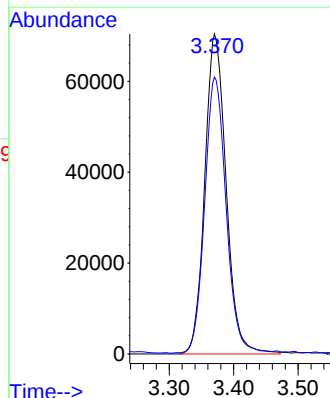
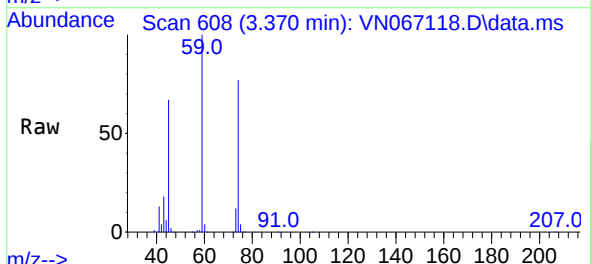
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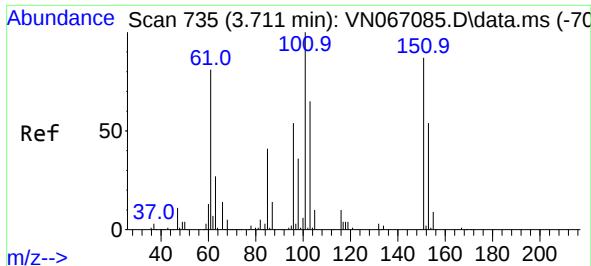
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#8
Diethyl Ether
Concen: 48.23 ug/l
RT: 3.370 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 74 Resp: 162062
Ion Ratio Lower Upper
74 100
45 86.7 42.7 128.1





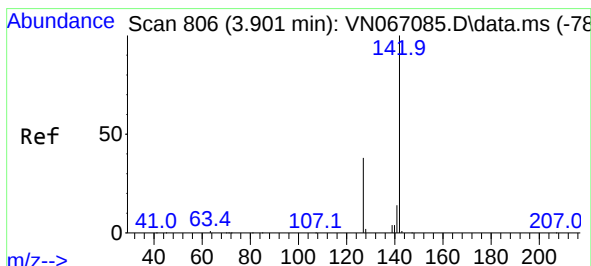
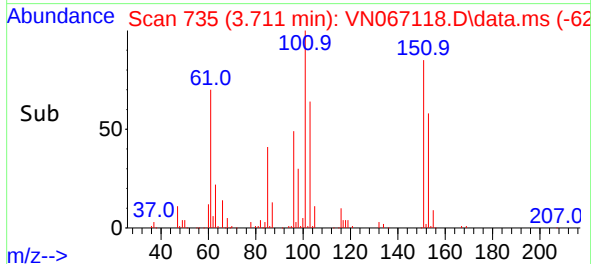
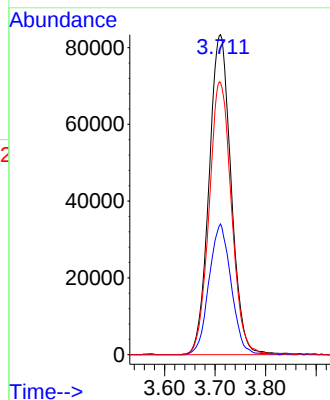
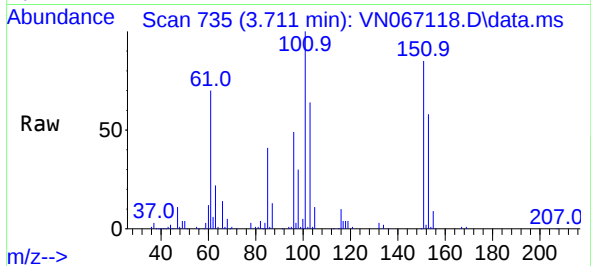
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1,1,2-Trichlorotrifluoroethane
Concen: 50.05 ug/l
RT: 3.711 min Scan# 735
Delta R.T. -0.000 min
Lab File: VN067118.D
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Tgt Ion:101 Resp: 252818
Ion Ratio Lower Upper
101 100
85 40.9 32.6 49.0
151 86.4 68.2 102.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

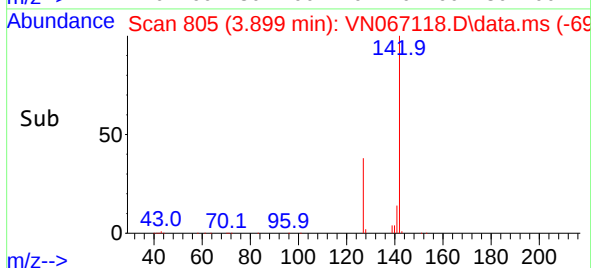
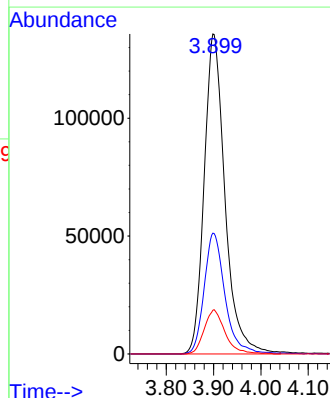
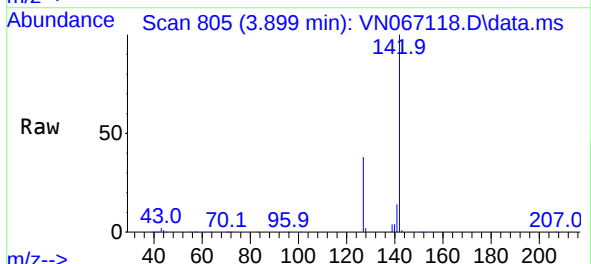
Manual Integrations
APPROVED

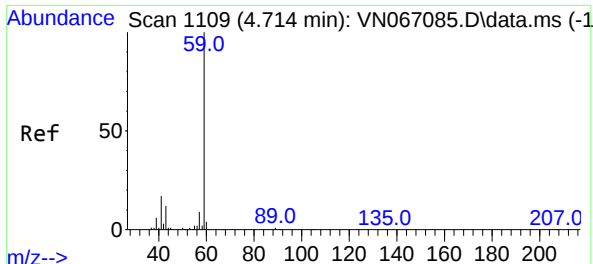
MMDadoda
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#10
Methyl Iodide
Concen: 49.77 ug/l
RT: 3.899 min Scan# 805
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

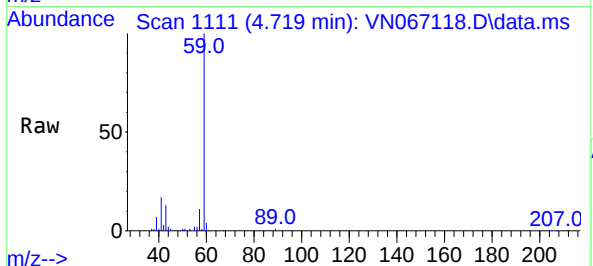
Tgt Ion:142 Resp: 414426
Ion Ratio Lower Upper
142 100
127 37.9 29.9 44.9
141 13.7 11.3 16.9





#11
Tert butyl alcohol
Concen: 252.19 ug/l
RT: 4.719 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

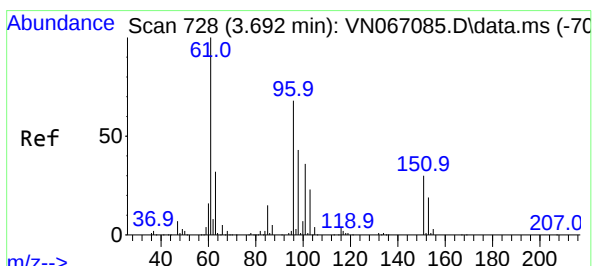
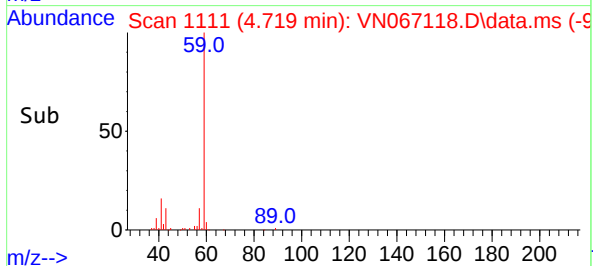
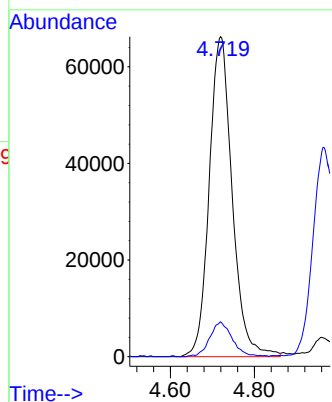
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 251140
Ion Ratio Lower Upper
59 100
57 9.5 3.5 5.3#

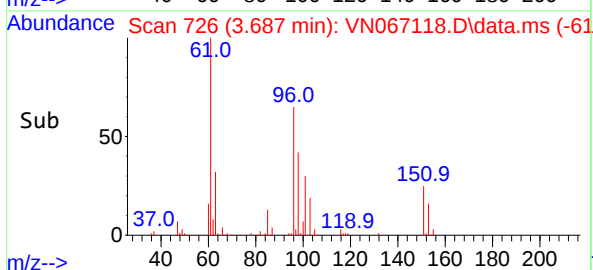
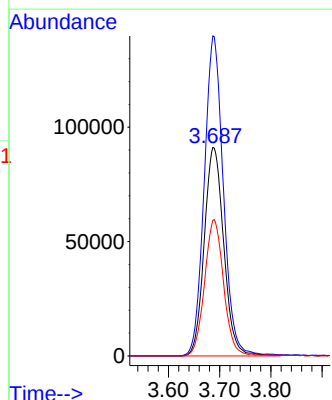
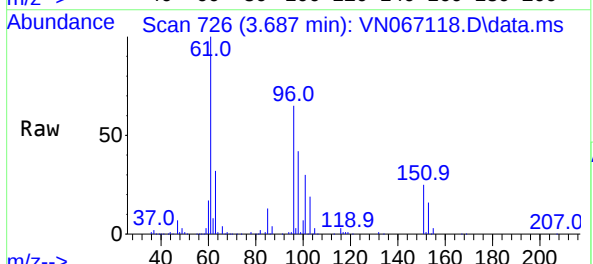
Manual Integrations
APPROVED

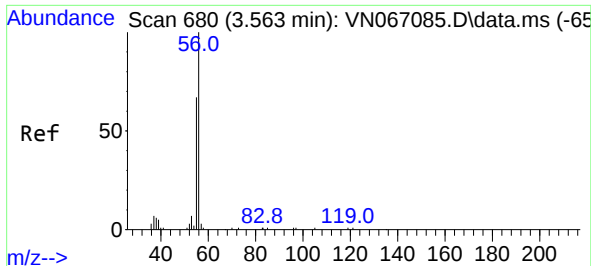
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#12
1,1-Dichloroethene
Concen: 46.53 ug/l
RT: 3.687 min Scan# 726
Delta R.T. -0.005 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 96 Resp: 241910
Ion Ratio Lower Upper
96 100
61 153.5 118.1 177.1
98 65.0 51.1 76.7





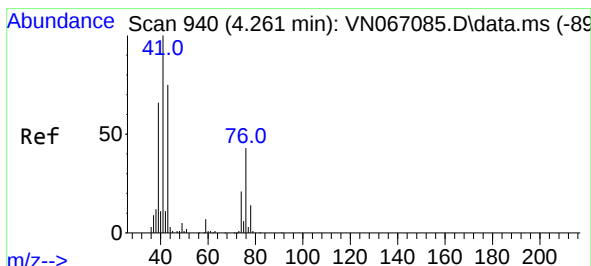
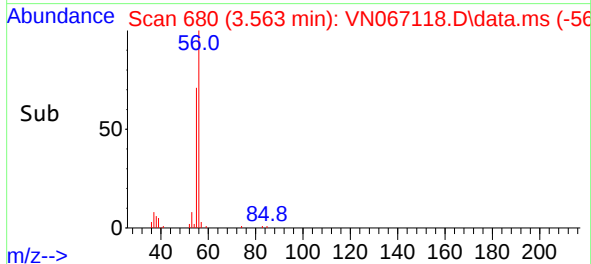
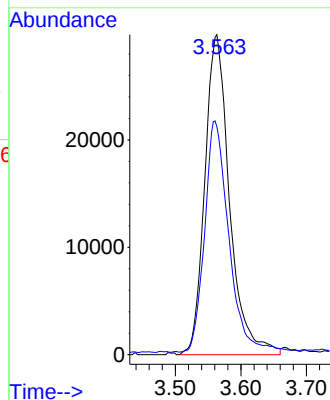
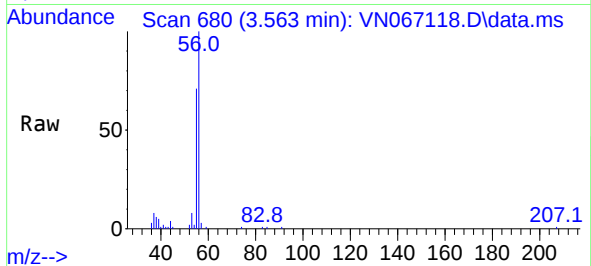
#13
Acrolein
Concen: 255.13 ug/l
RT: 3.563 min Scan# 680
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 56 Resp: 78179
Ion Ratio Lower Upper
56 100
55 70.4 53.8 80.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

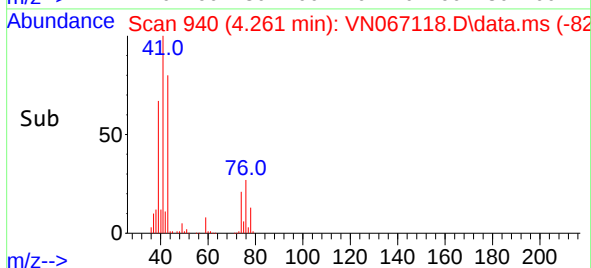
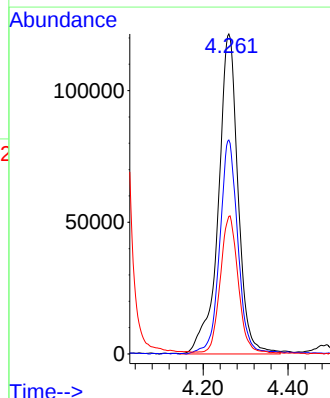
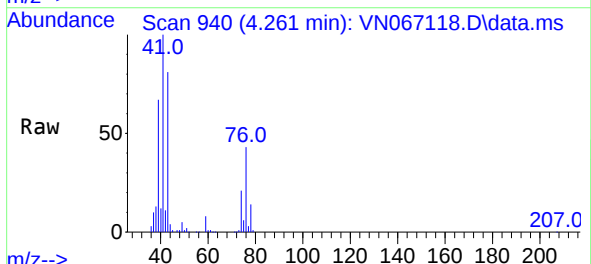
Manual Integrations
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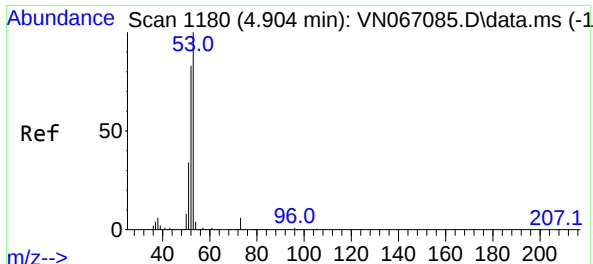
MMDadoda
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#14
Allyl chloride
Concen: 49.01 ug/l
RT: 4.261 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

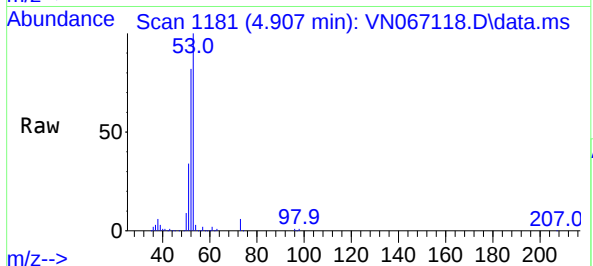
Tgt Ion: 41 Resp: 392775
Ion Ratio Lower Upper
41 100
39 61.6 48.7 73.1
76 38.1 31.4 47.2





#15
Acrylonitrile
Concen: 256.36 ug/l
RT: 4.907 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

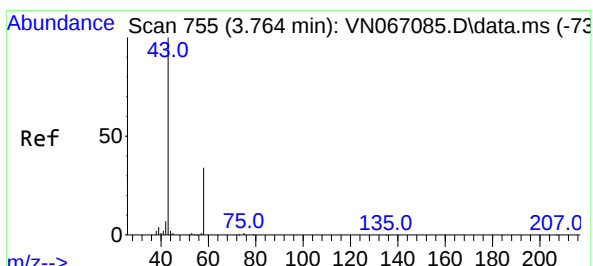
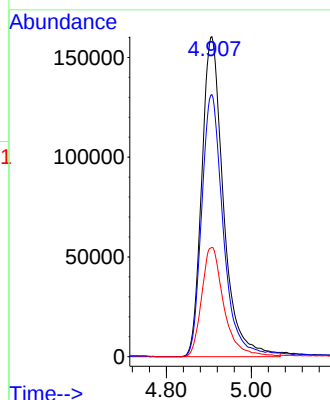
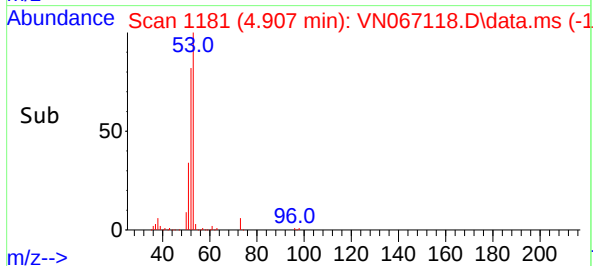
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



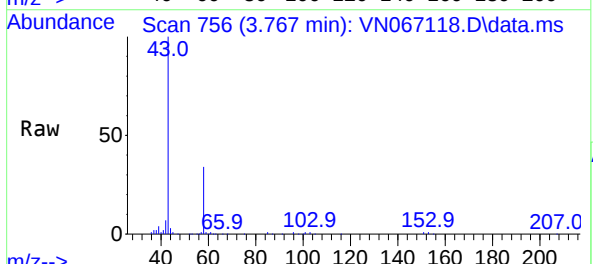
Tgt Ion: 53 Resp: 570593
Ion Ratio Lower Upper
53 100
52 80.8 66.6 100.0
51 34.7 28.6 42.8

Manual Integrations
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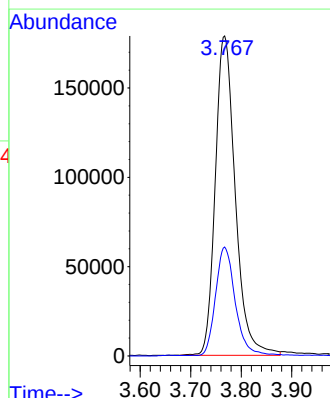
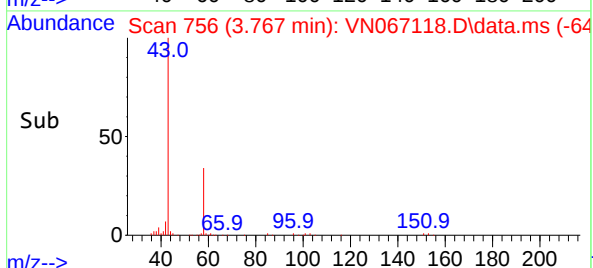
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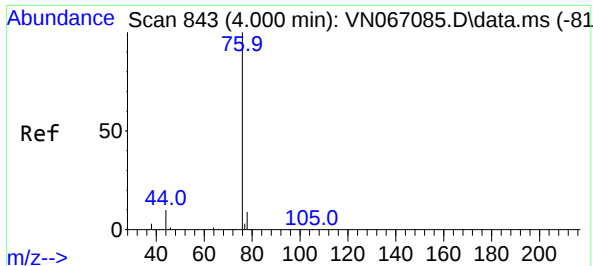


#16
Acetone
Concen: 264.94 ug/l
RT: 3.767 min Scan# 756
Delta R.T. 0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



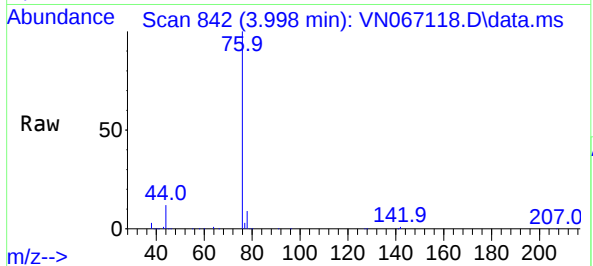
Tgt Ion: 43 Resp: 491933
Ion Ratio Lower Upper
43 100
58 33.9 27.2 40.8





#17
Carbon Disulfide
Concen: 45.67 ug/l
RT: 3.998 min Scan# 842
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

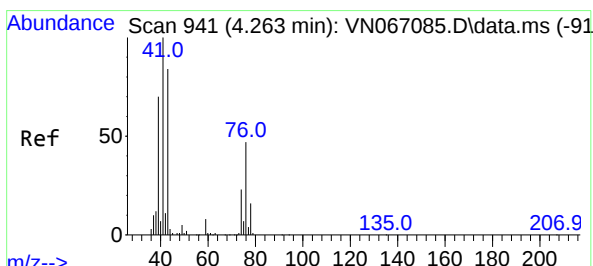
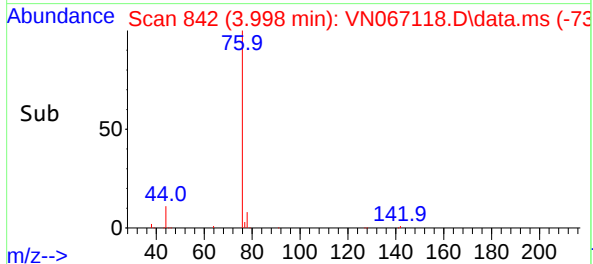
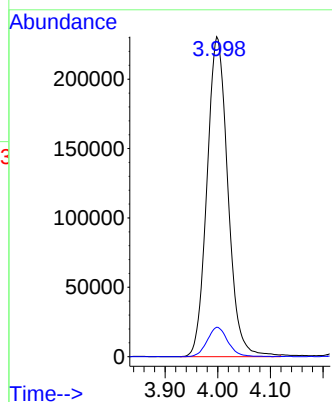
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



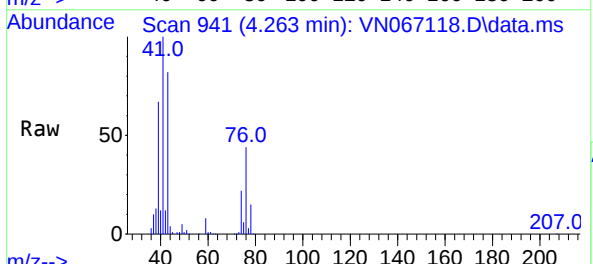
Tgt Ion: 76 Resp: 636284
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

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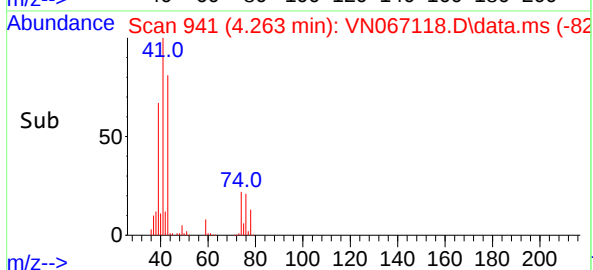
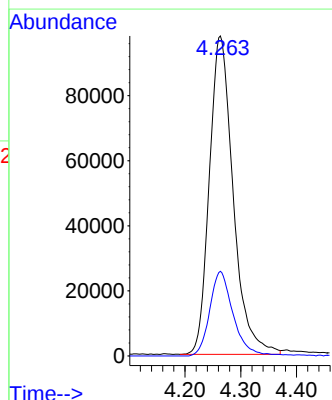
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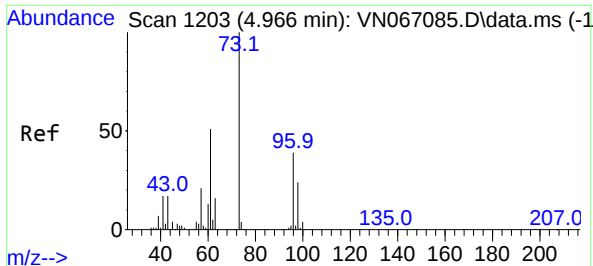


#18
Methyl Acetate
Concen: 52.59 ug/l
RT: 4.263 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 43 Resp: 290370
Ion Ratio Lower Upper
43 100
74 25.8 21.4 32.2





#19

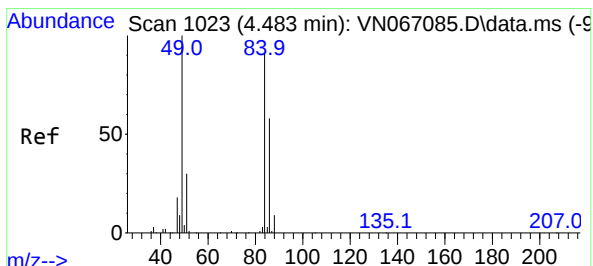
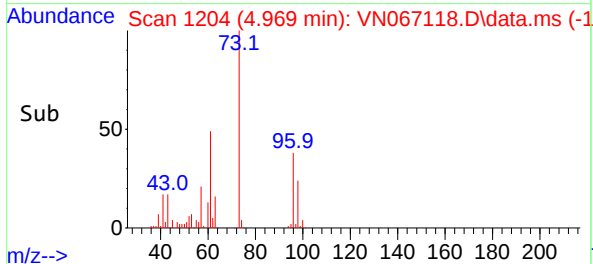
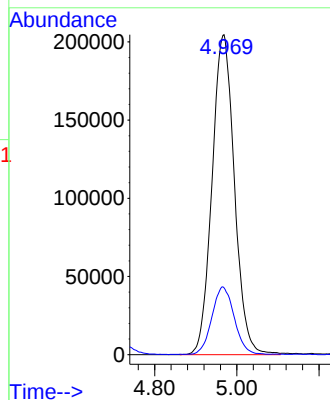
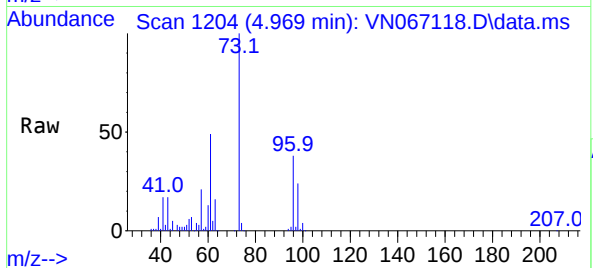
Methyl tert-butyl Ether
Concen: 49.17 ug/l
RT: 4.969 min Scan# 1204
Delta R.T. 0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 73 Resp: 773601
Ion Ratio Lower Upper
73 100
57 20.8 16.9 25.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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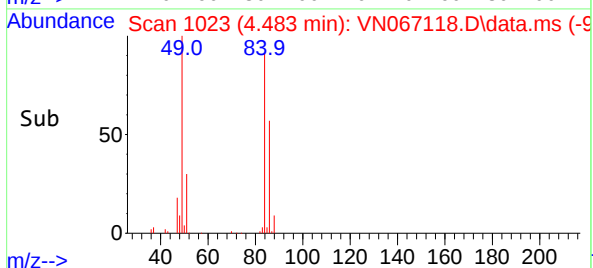
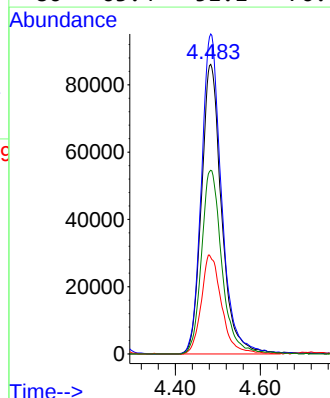
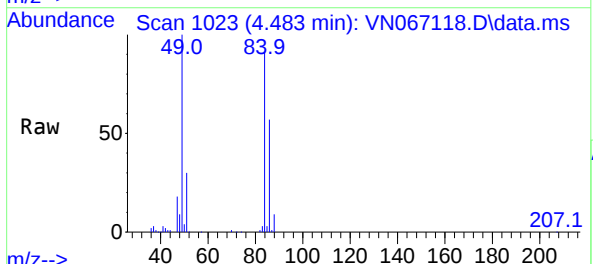
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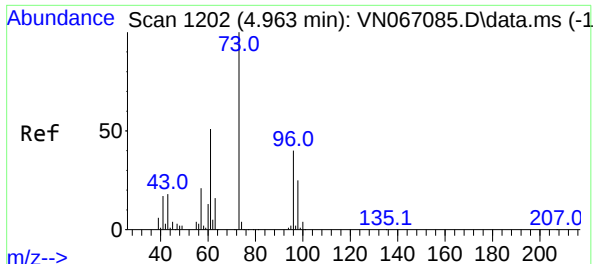


#20

Methylene Chloride
Concen: 46.65 ug/l
RT: 4.483 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

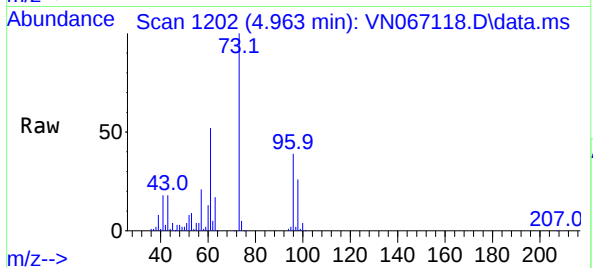
Tgt Ion: 84 Resp: 283380
Ion Ratio Lower Upper
84 100
49 110.3 88.3 132.5
51 33.3 26.7 40.1
86 63.4 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 47.44 ug/l
RT: 4.963 min Scan# 1202
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

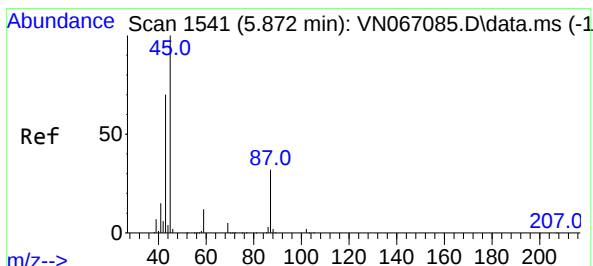
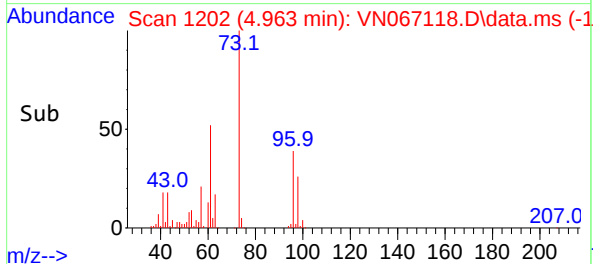
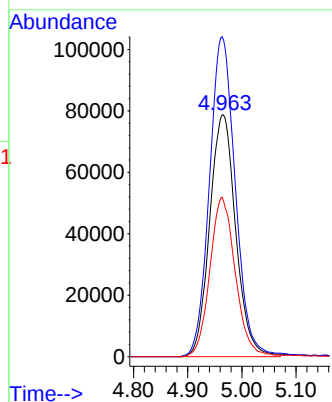
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



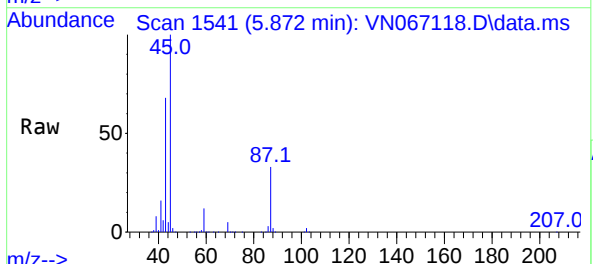
Tgt Ion: 96 Resp: 263452
Ion Ratio Lower Upper
96 100
61 132.4 103.8 155.6
98 66.0 49.8 74.8

Manual Integrations
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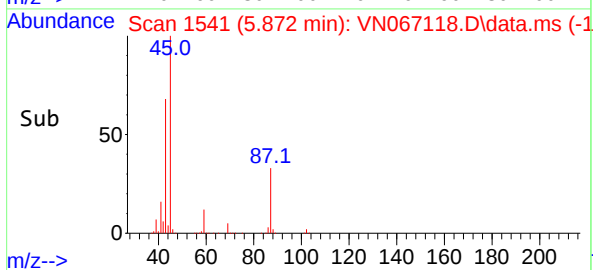
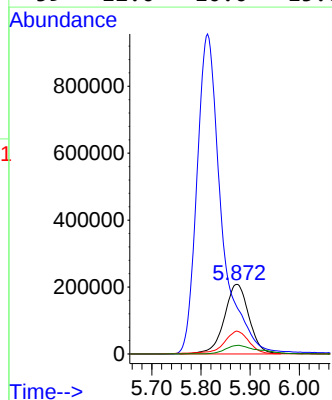
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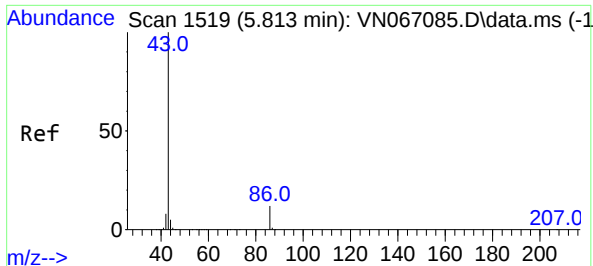


#22
Diisopropyl ether
Concen: 48.98 ug/l
RT: 5.872 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



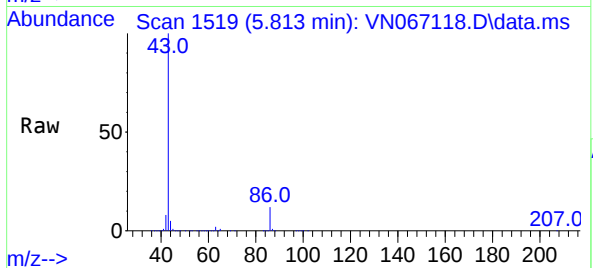
Tgt Ion: 45 Resp: 724999
Ion Ratio Lower Upper
45 100
43 64.2 55.6 83.4
87 32.5 26.5 39.7
59 12.0 10.0 15.0





#23
 Vinyl Acetate
 Concen: 256.20 ug/l
 RT: 5.813 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: VN067118.D
 Acq: 18 May 2021 11:02

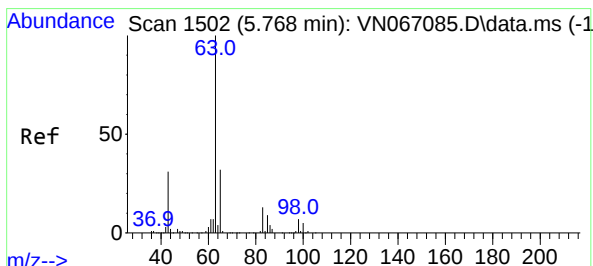
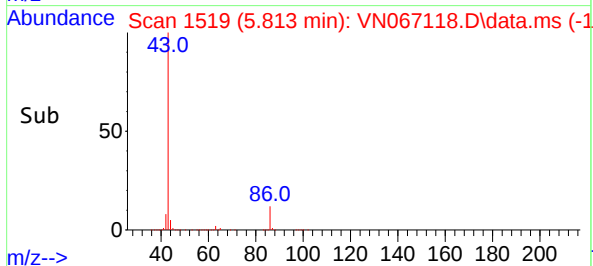
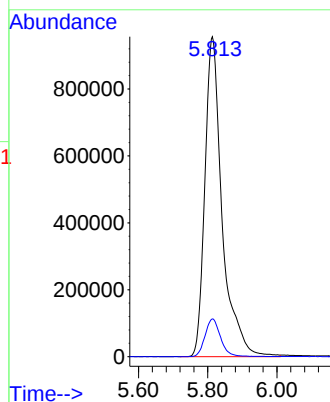
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 3310414
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.5 14.3

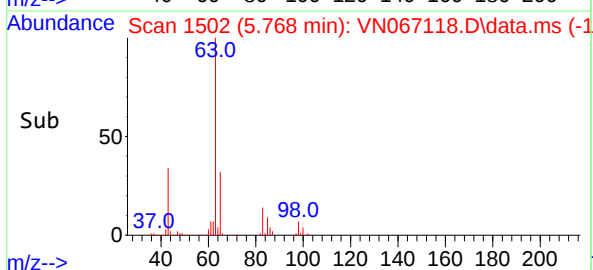
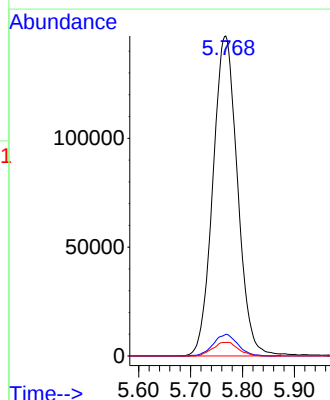
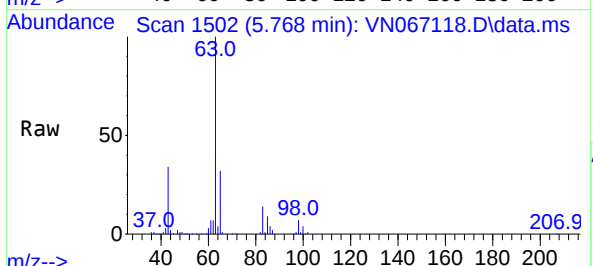
Manual Integrations
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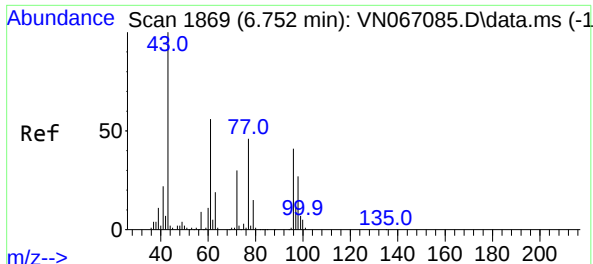
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#24
 1,1-Dichloroethane
 Concen: 48.30 ug/l
 RT: 5.768 min Scan# 1502
 Delta R.T. -0.000 min
 Lab File: VN067118.D
 Acq: 18 May 2021 11:02

Tgt Ion: 63 Resp: 483785
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.2 2.3 6.8





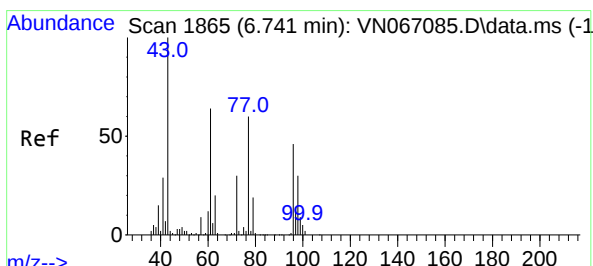
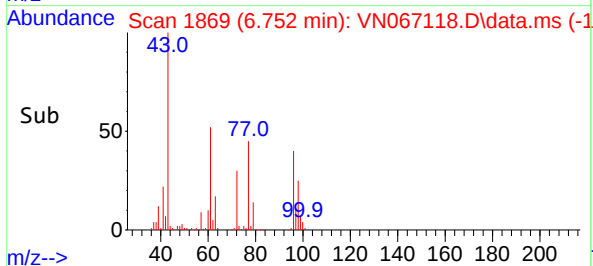
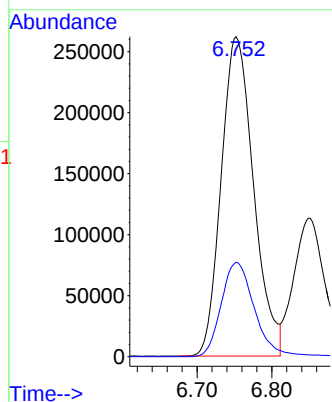
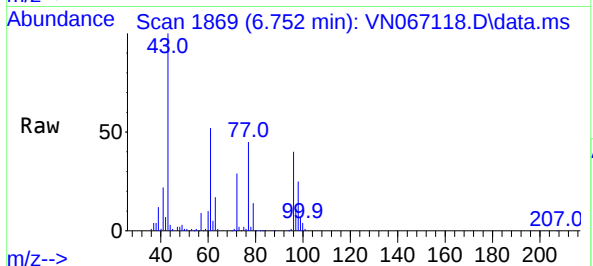
#25
2-Butanone
Concen: 272.16 ug/l
RT: 6.752 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 43 Resp: 787991
Ion Ratio Lower Upper
43 100
72 29.6 24.4 36.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

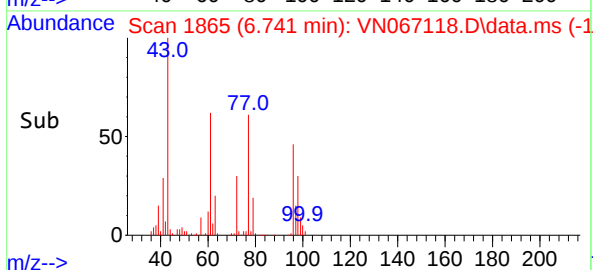
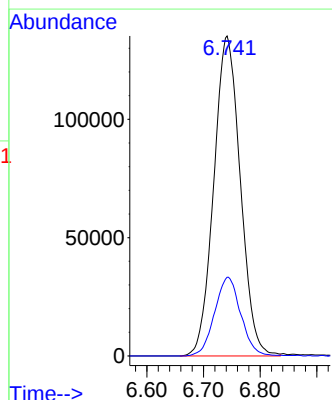
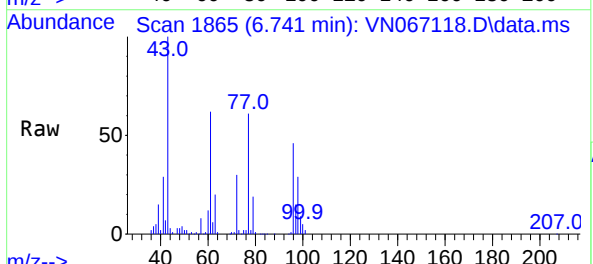
Manual Integrations
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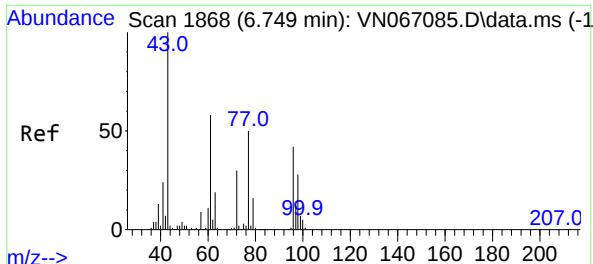
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#26
2,2-Dichloropropane
Concen: 47.80 ug/l
RT: 6.741 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

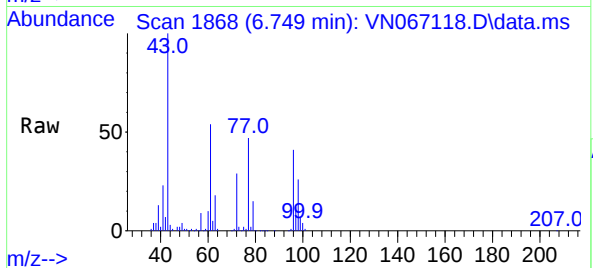
Tgt Ion: 77 Resp: 440288
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.0





#27
cis-1,2-Dichloroethene
Concen: 48.75 ug/l
RT: 6.749 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

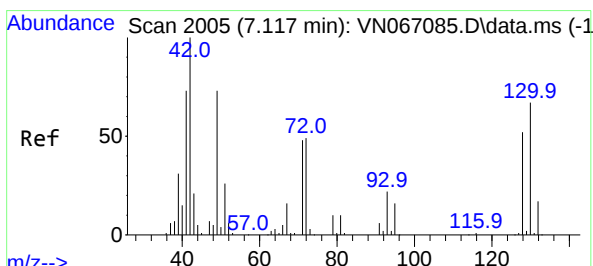
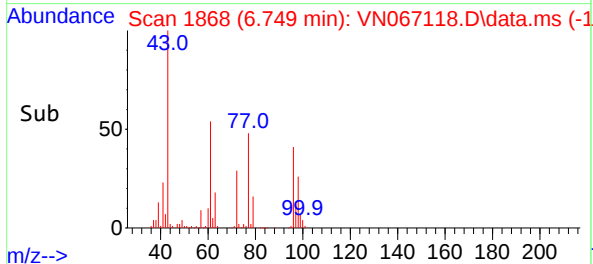
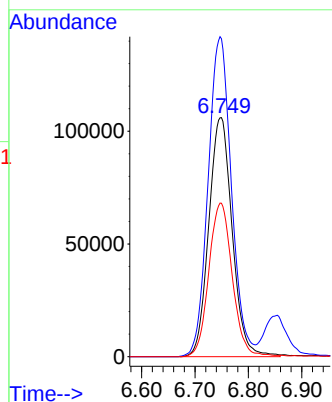
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 323328
Ion Ratio Lower Upper
96 100
61 133.0 0.0 272.4
98 64.2 0.0 130.4

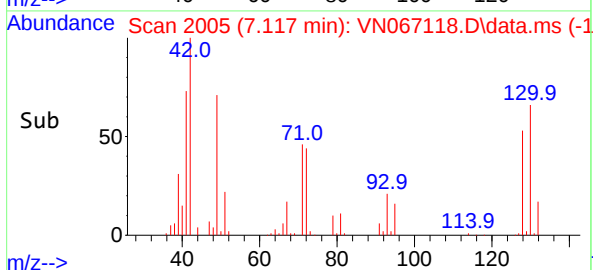
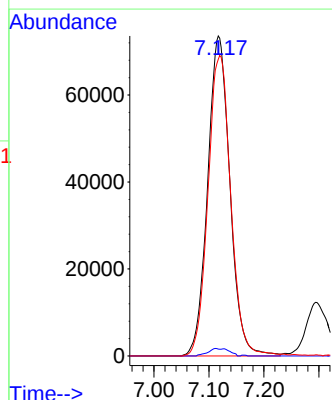
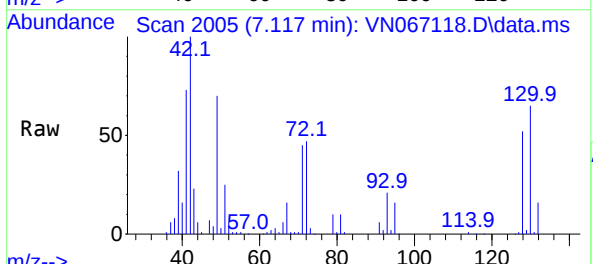
Manual Integrations
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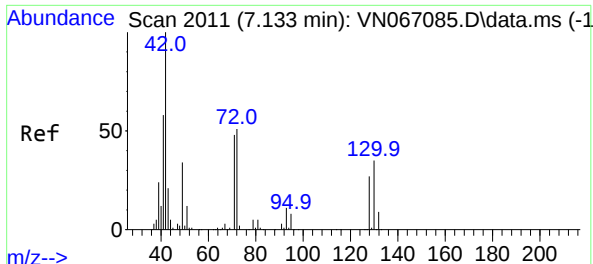
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5/19/2021 3:59:51 PM



#28
Bromochloromethane
Concen: 49.92 ug/l
RT: 7.117 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 49 Resp: 207454
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.8
130 95.6 76.4 114.6





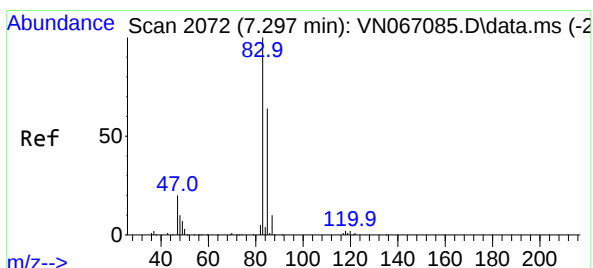
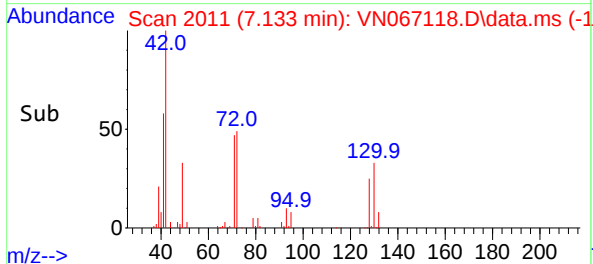
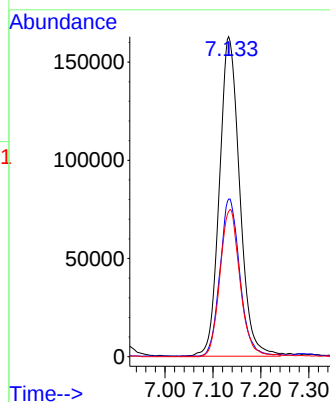
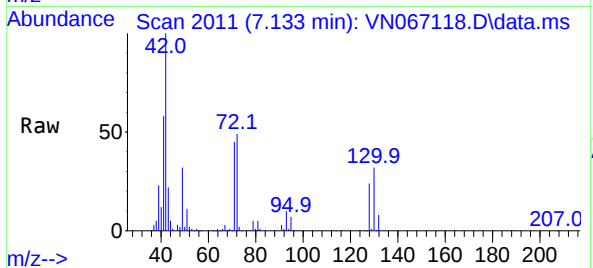
#29
Tetrahydrofuran
Concen: 265.36 ug/l
RT: 7.133 min Scan# 2011
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 42 Resp: 477087
Ion Ratio Lower Upper
42 100
72 48.1 40.1 60.1
71 45.6 37.9 56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

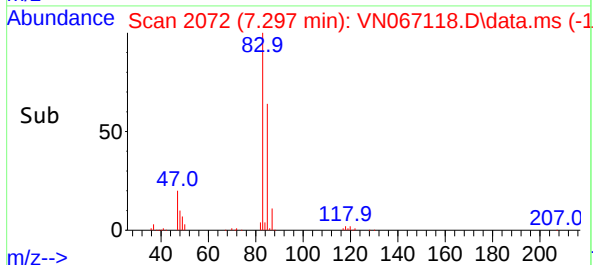
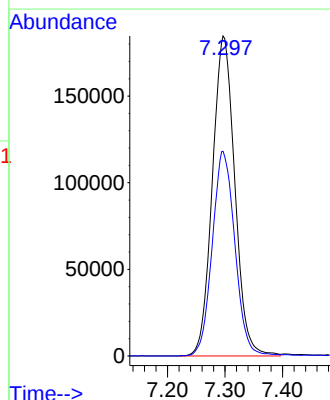
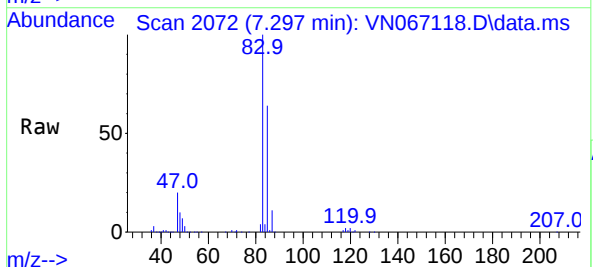
Manual Integrations
APPROVED

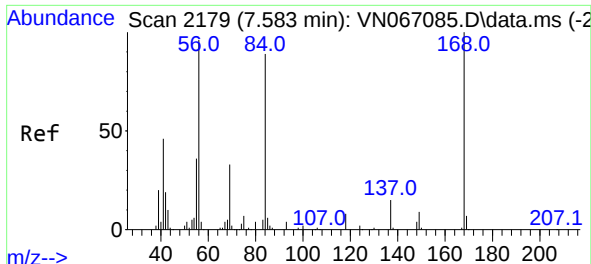
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#30
Chloroform
Concen: 48.82 ug/l
RT: 7.297 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

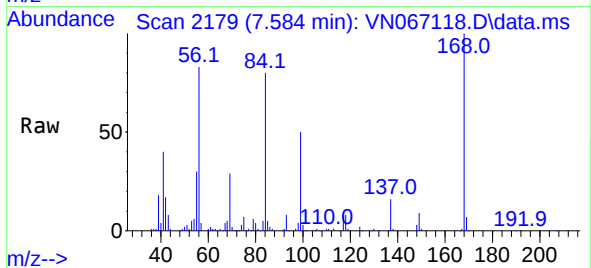
Tgt Ion: 83 Resp: 500676
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8





#31
Cyclohexane
Concen: 45.37 ug/l
RT: 7.584 min Scan# 2179
Delta R.T. 0.001 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

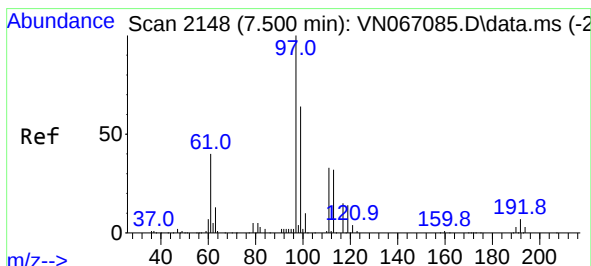
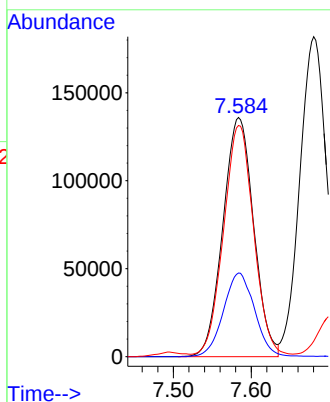
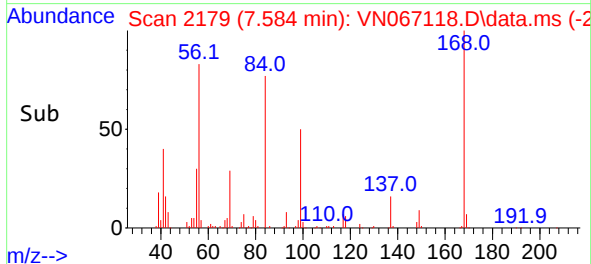
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



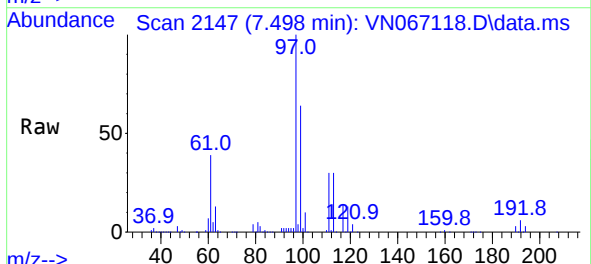
Tgt Ion: 56 Resp: 373406
Ion Ratio Lower Upper
56 100
69 35.0 28.0 42.0
84 95.3 74.2 111.2

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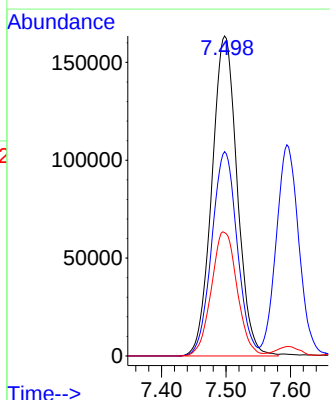
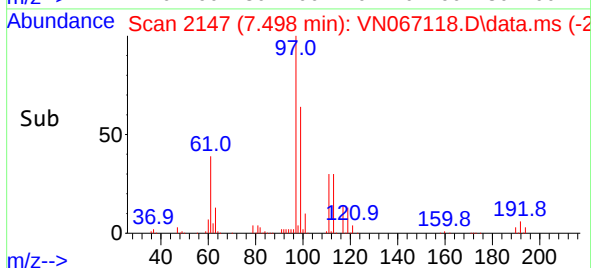
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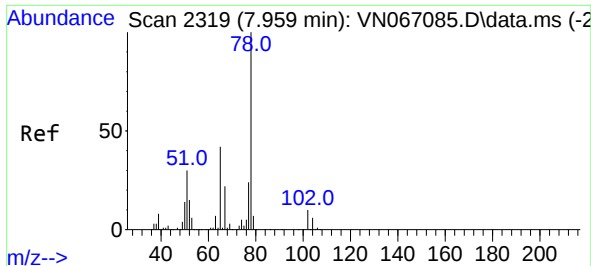


#32
1,1,1-Trichloroethane
Concen: 48.43 ug/l
RT: 7.498 min Scan# 2147
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 97 Resp: 447235
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 39.5 31.6 47.4





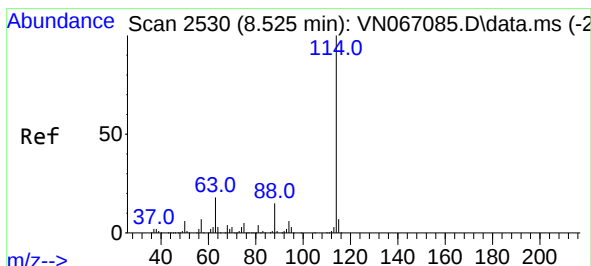
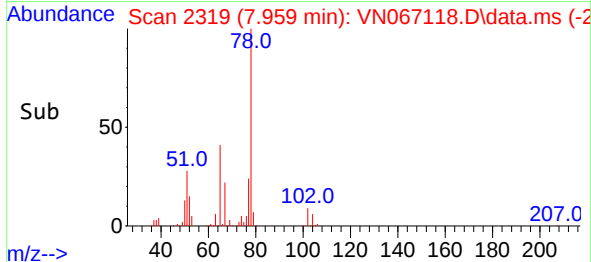
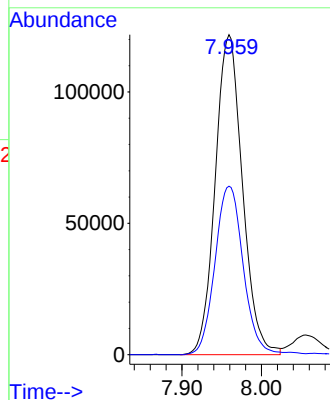
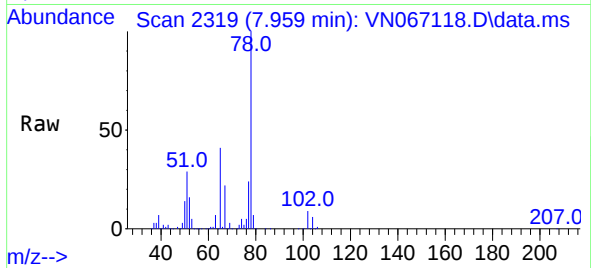
#33
1,2-Dichloroethane-d4
Concen: 48.56 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 65 Resp: 290090
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

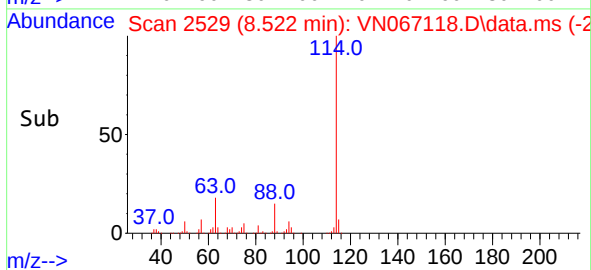
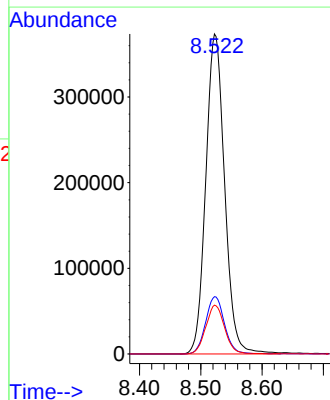
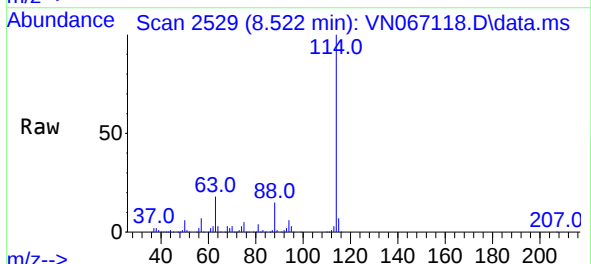
Manual Integrations
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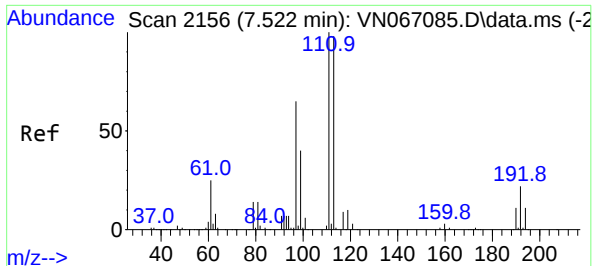
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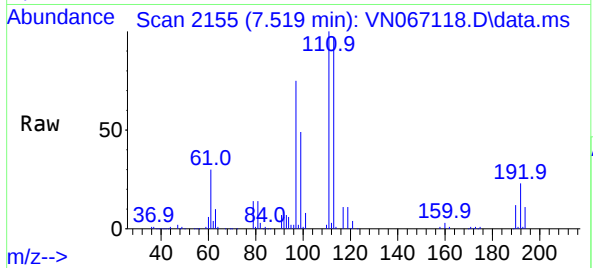
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 114 Resp: 798072
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.8
88 15.2 0.0 30.4

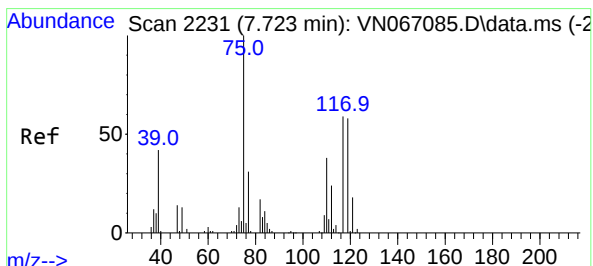
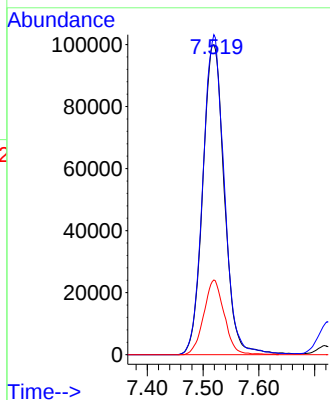
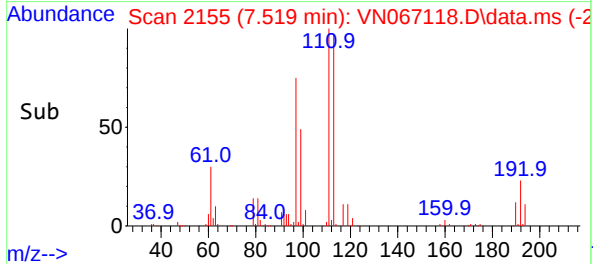




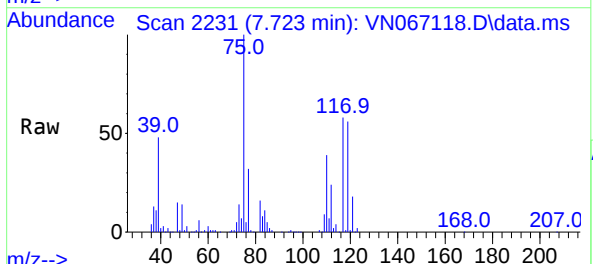
#35
Dibromofluoromethane
Concen: 51.17 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



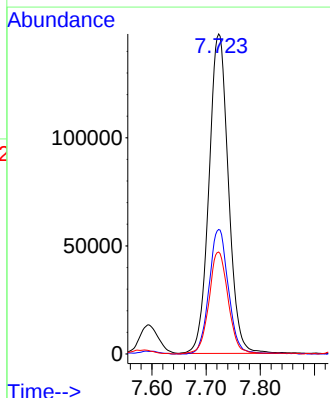
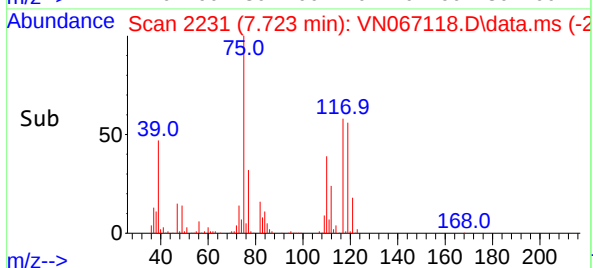
Tgt Ion: 113 Resp: 268133
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.8 18.2 27.4



#36
1,1-Dichloropropene
Concen: 50.57 ug/l
RT: 7.723 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



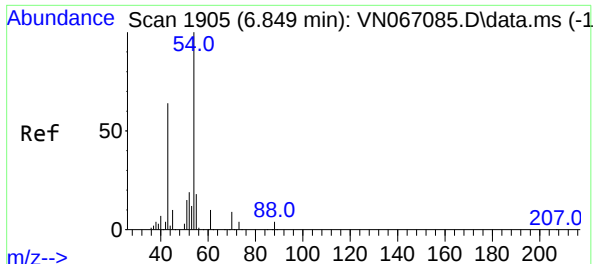
Tgt Ion: 75 Resp: 368189
Ion Ratio Lower Upper
75 100
110 38.6 19.1 57.3
77 31.6 24.8 37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

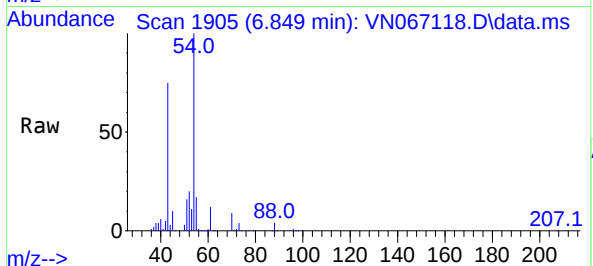
Manual Integrations
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5/19/2021 3:59:51 PM



#37
Ethyl Acetate
Concen: 52.56 ug/l
RT: 6.849 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

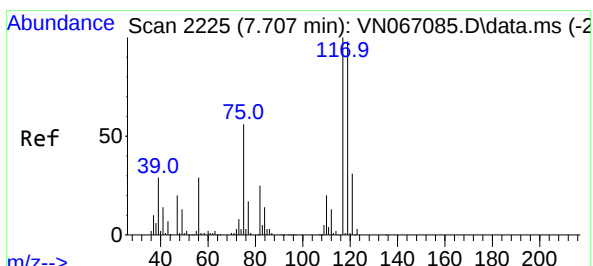
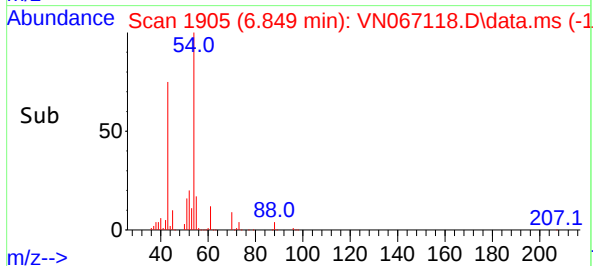
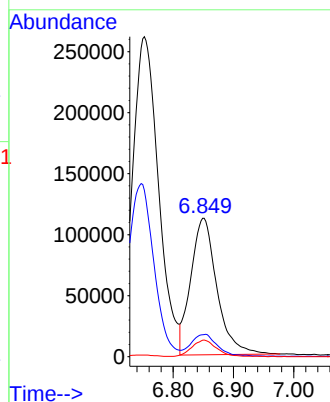


Tgt Ion: 43 Resp: 337934

Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.0	19.4
70	11.1	9.2	13.8

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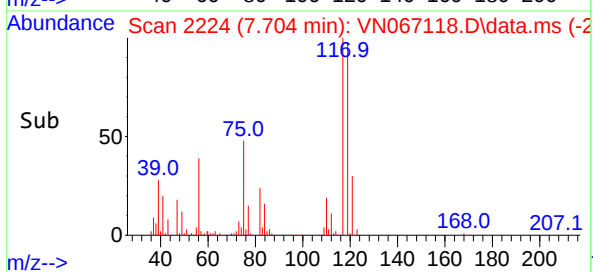
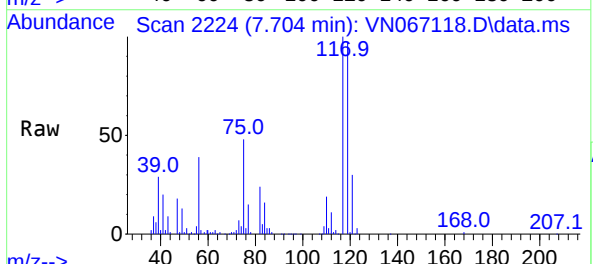
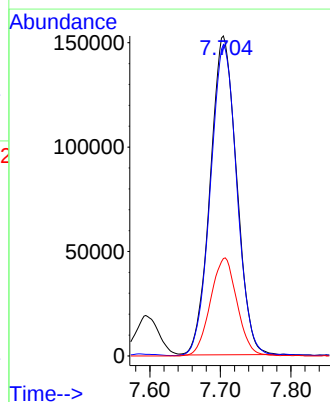
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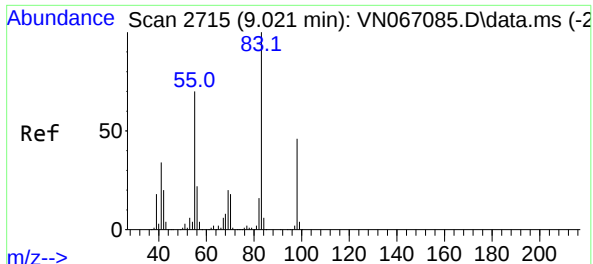


#38
Carbon Tetrachloride
Concen: 51.11 ug/l
RT: 7.704 min Scan# 2224
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 117 Resp: 396098

Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.2	117.2
121	30.6	24.7	37.1





#39
Methylcyclohexane
Concen: 50.49 ug/l
RT: 9.021 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

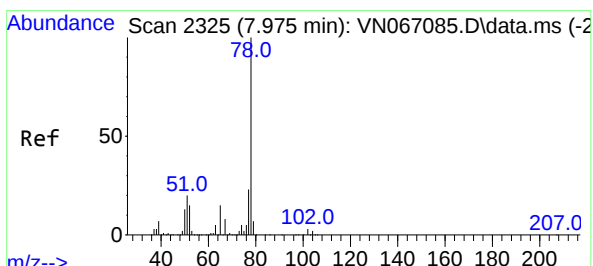
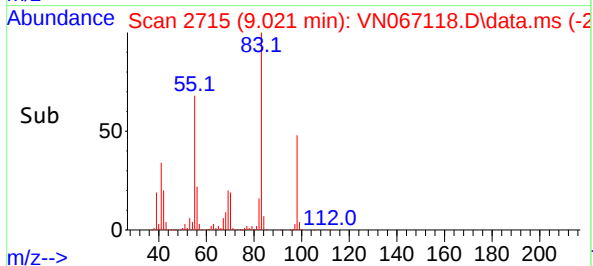
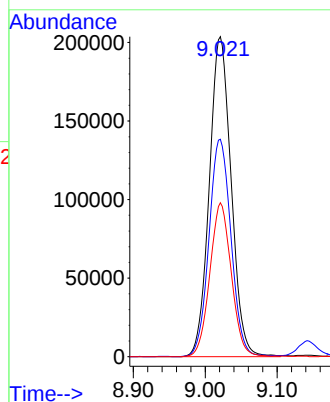
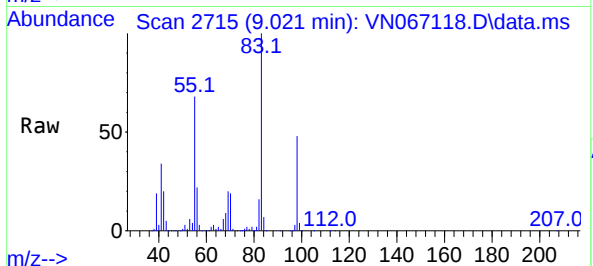
Tgt Ion: 83 Resp: 430330

Ion	Ratio	Lower	Upper
83	100		
55	68.0	56.2	84.2
98	48.1	36.8	55.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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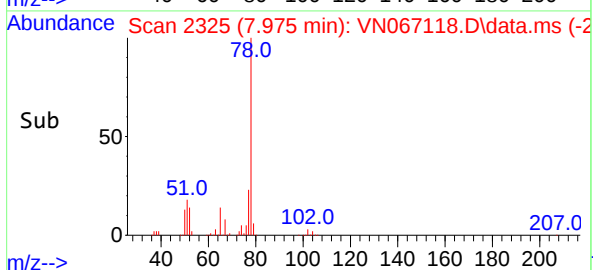
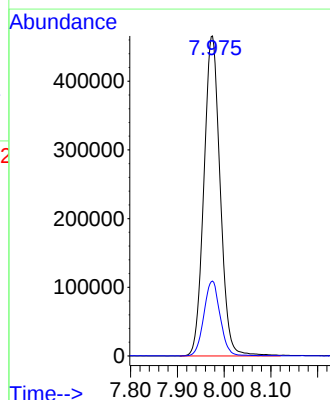
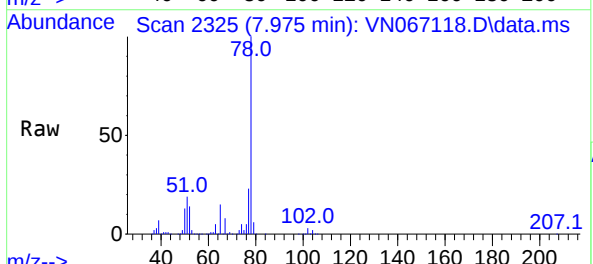
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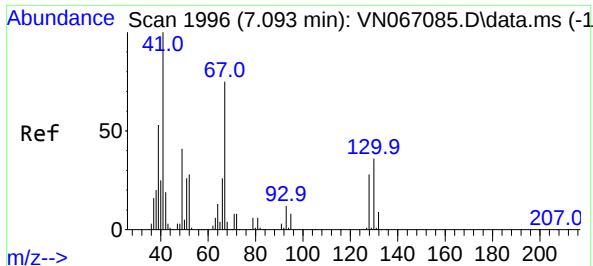


#40
Benzene
Concen: 51.00 ug/l
RT: 7.975 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

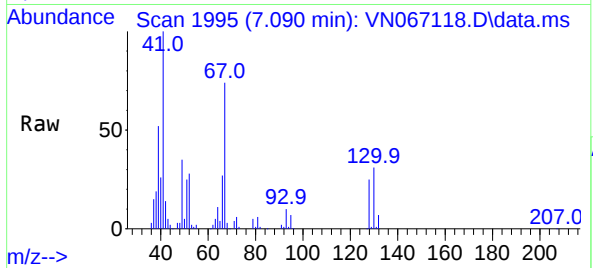
Tgt Ion: 78 Resp: 1127687

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6

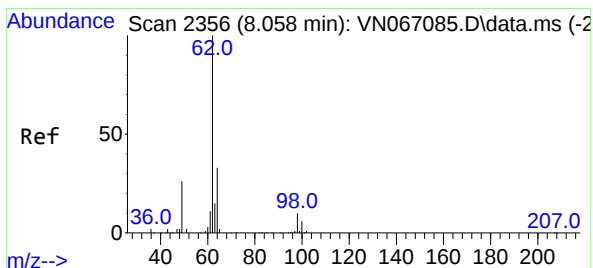
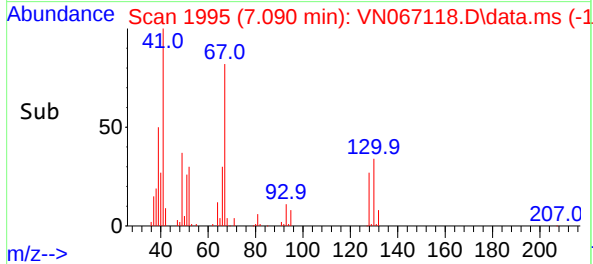
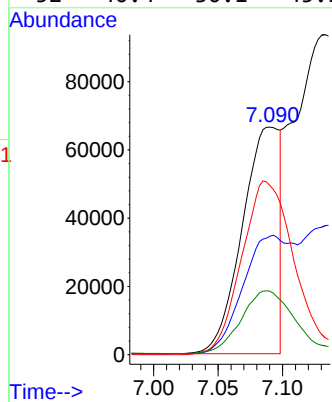




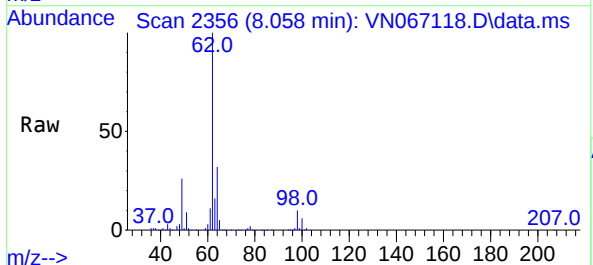
#41
Methacrylonitrile
Concen: 51.72 ug/l
RT: 7.090 min Scan# 1995
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



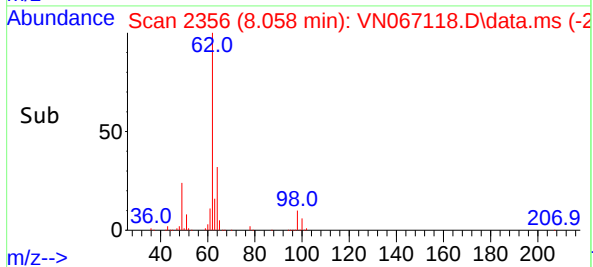
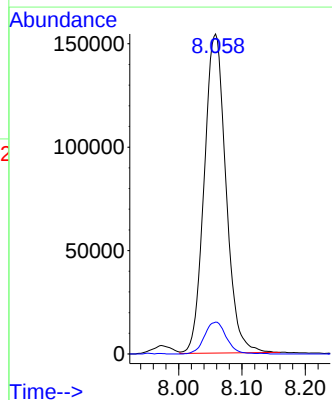
Tgt Ion: 41 Resp: 134219
Ion Ratio Lower Upper
41 100
39 71.0 45.3 67.9#
67 109.9 85.1 127.7
52 40.4 30.1 45.1



#42
1,2-Dichloroethane
Concen: 51.75 ug/l
RT: 8.058 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



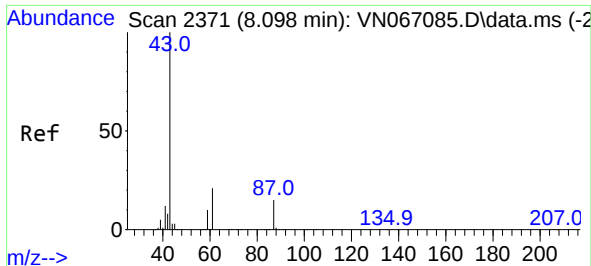
Tgt Ion: 62 Resp: 367991
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

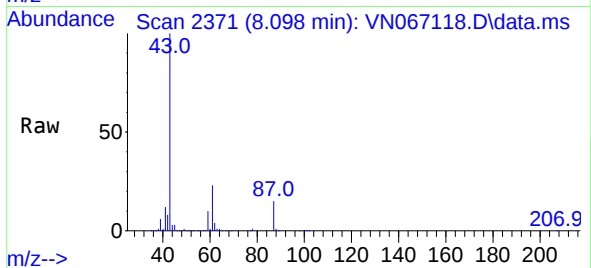
Manual Integrations
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#43
Isopropyl Acetate
Concen: 53.37 ug/l
RT: 8.098 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

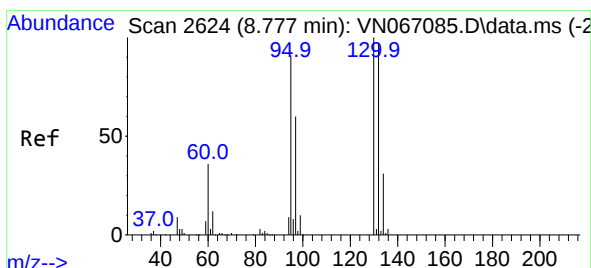
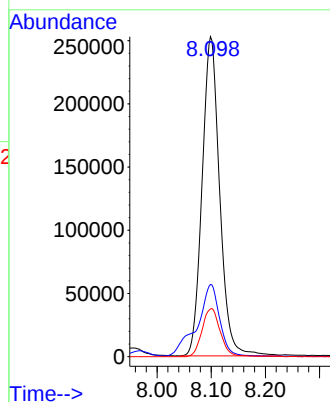
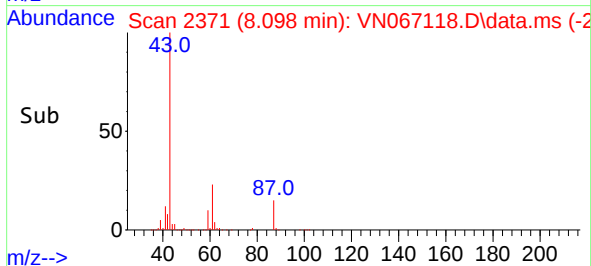
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



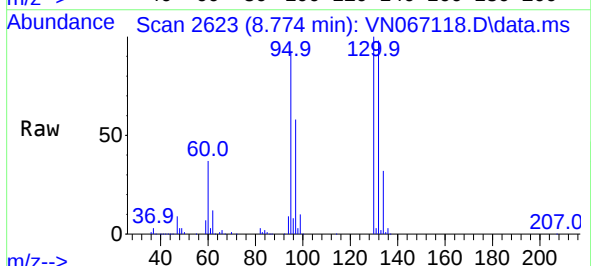
Tgt Ion: 43 Resp: 569534
Ion Ratio Lower Upper
43 100
61 28.8 23.4 35.0
87 15.6 12.2 18.2

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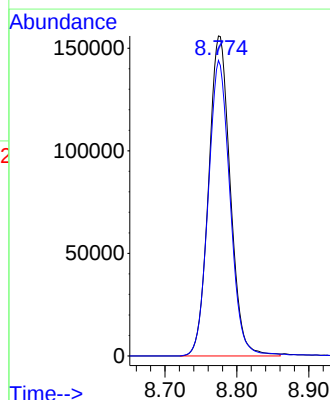
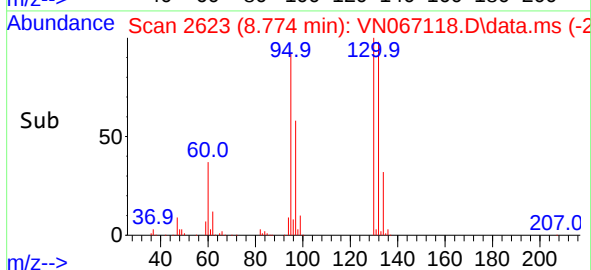
MMDadoda
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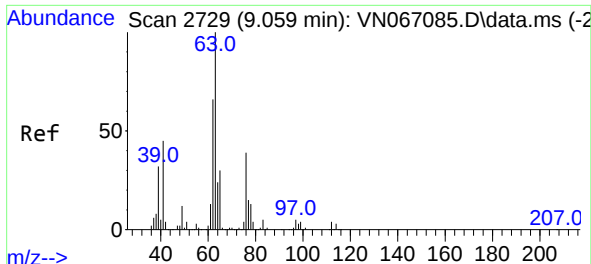


#44
Trichloroethene
Concen: 51.87 ug/l
RT: 8.774 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 130 Resp: 326068
Ion Ratio Lower Upper
130 100
95 92.4 0.0 182.4





#45

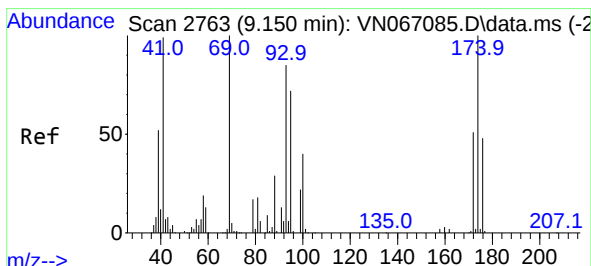
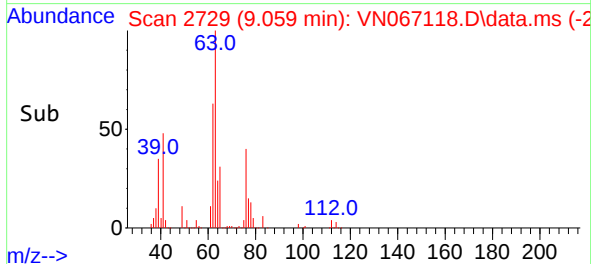
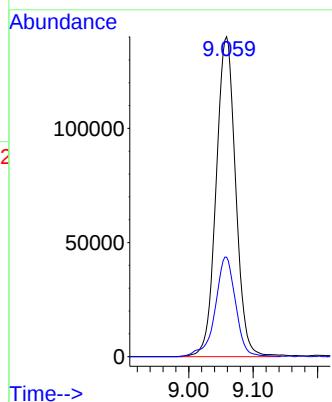
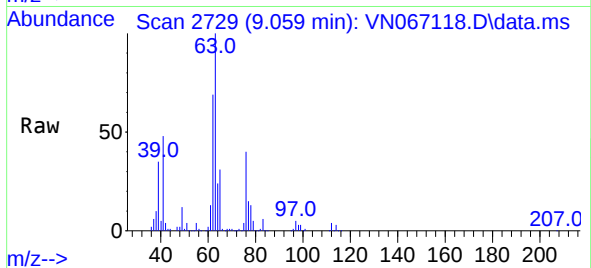
1,2-Dichloropropane
Concen: 51.04 ug/l
RT: 9.059 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 63 Resp: 295081
Ion Ratio Lower Upper
63 100
65 31.0 23.9 35.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

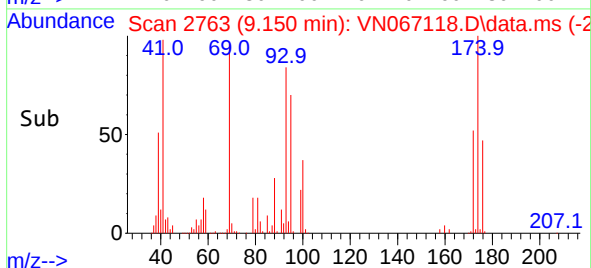
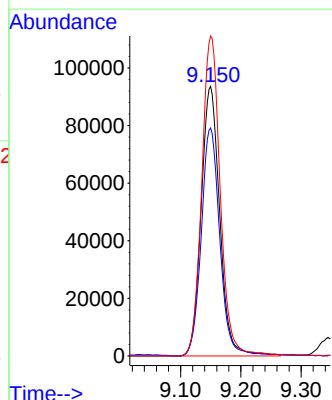
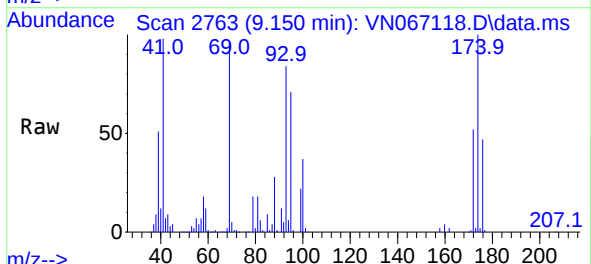
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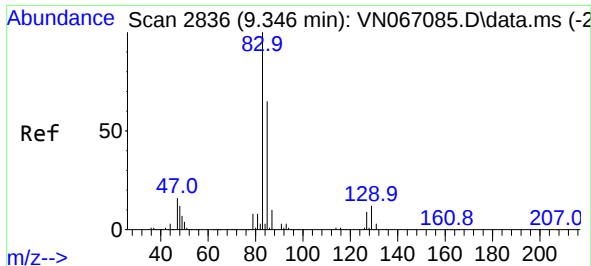


#46

Dibromomethane
Concen: 52.07 ug/l
RT: 9.150 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

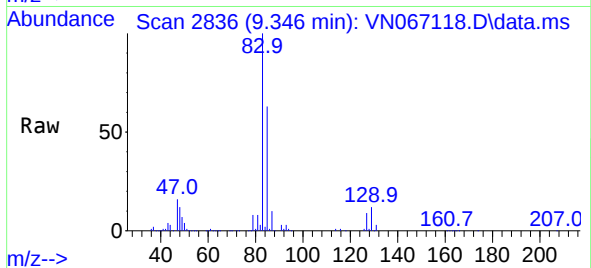
Tgt Ion: 93 Resp: 200916
Ion Ratio Lower Upper
93 100
95 84.1 67.8 101.6
174 117.3 93.4 140.0





#47
Bromodichloromethane
Concen: 51.25 ug/l
RT: 9.346 min Scan# 2836
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

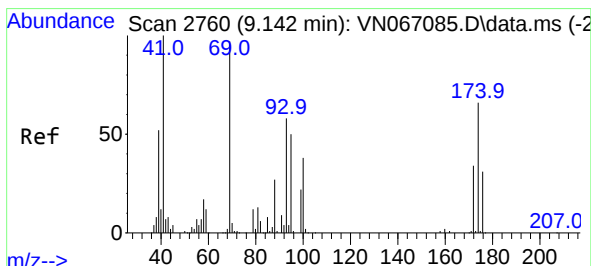
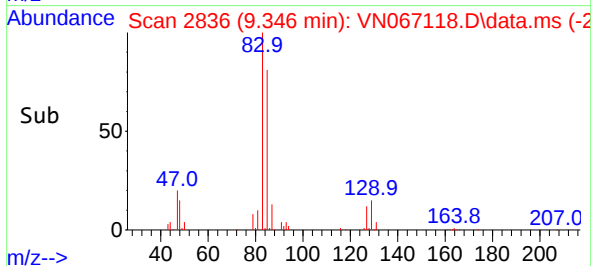
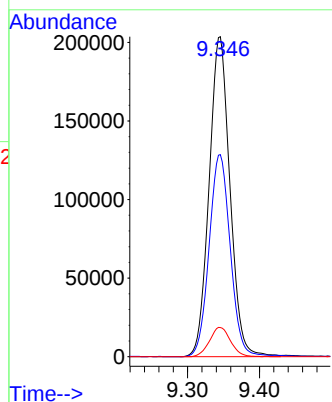
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



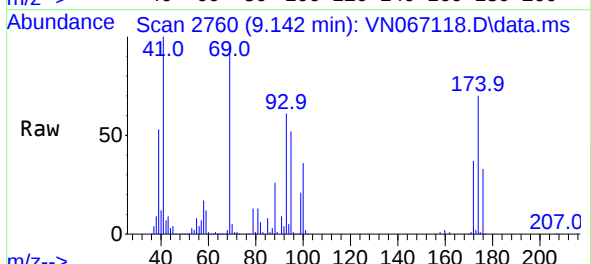
Tgt Ion: 83 Resp: 409853
Ion Ratio Lower Upper
83 100
85 63.2 51.7 77.5
127 9.1 7.4 11.0

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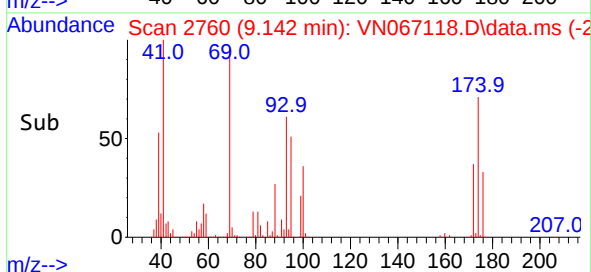
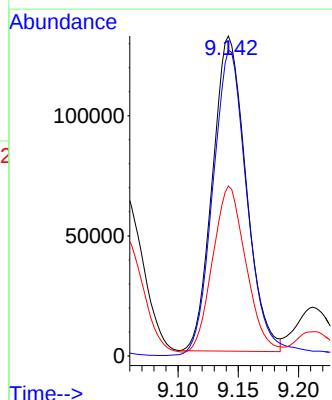
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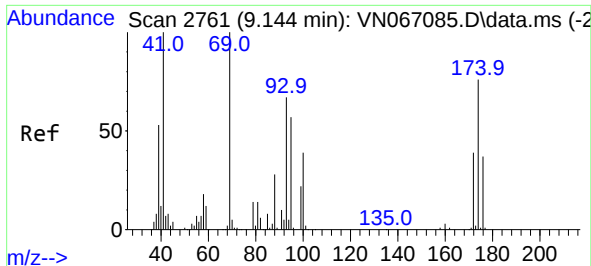


#48
Methyl methacrylate
Concen: 49.44 ug/l
RT: 9.142 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 41 Resp: 253475
Ion Ratio Lower Upper
41 100
69 100.5 80.5 120.7
39 54.6 41.4 62.0





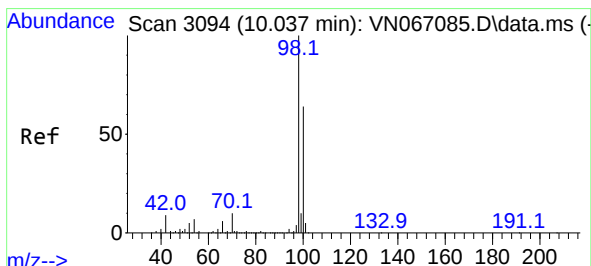
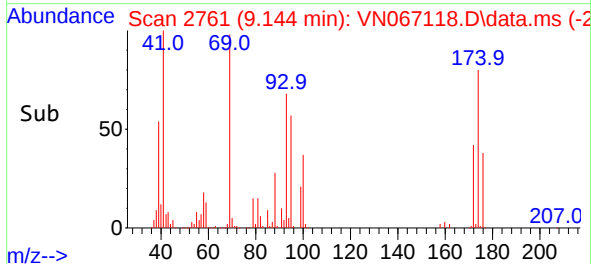
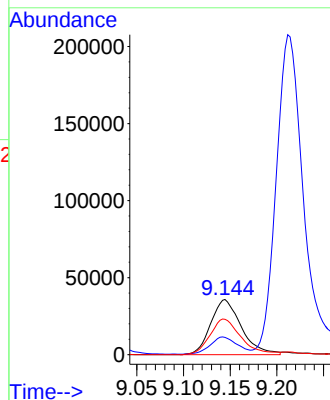
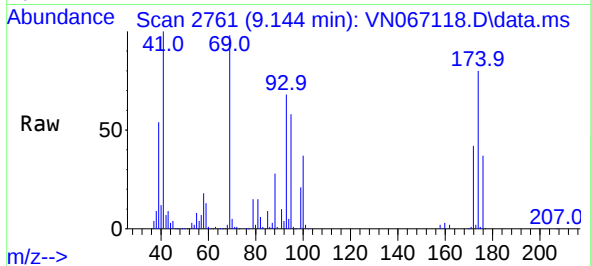
#49
1,4-Dioxane
Concen: 1075.62 ug/l
RT: 9.144 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:	88	Resp:	81685
Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.8	32.8
58	65.8	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

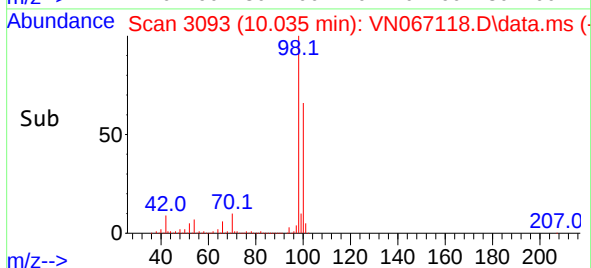
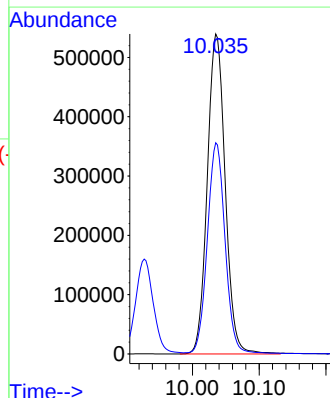
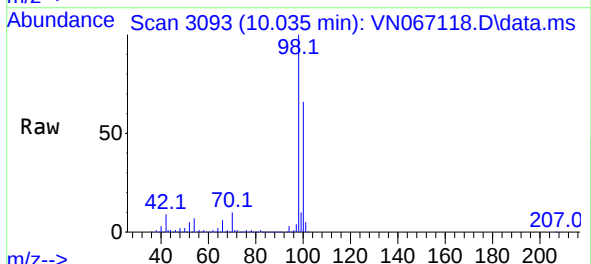
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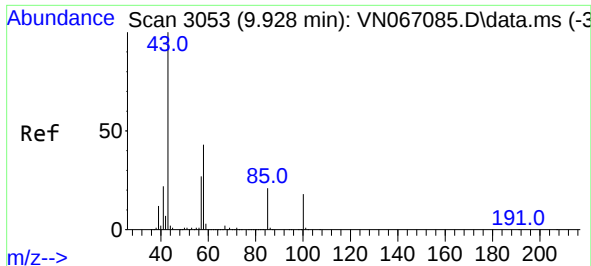
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#50
Toluene-d8
Concen: 50.64 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

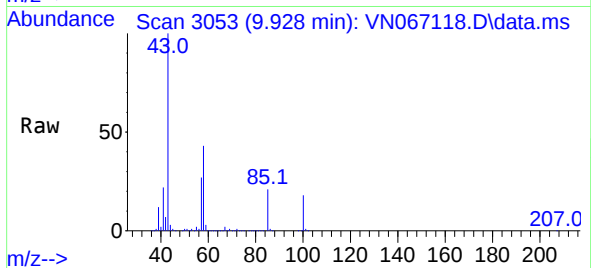
Tgt Ion:	98	Resp:	1005832
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8





#51
4-Methyl-2-Pentanone
Concen: 257.56 ug/l
RT: 9.928 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

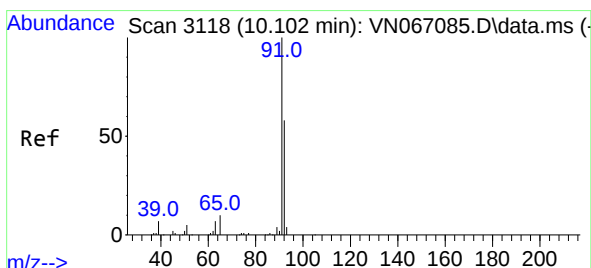
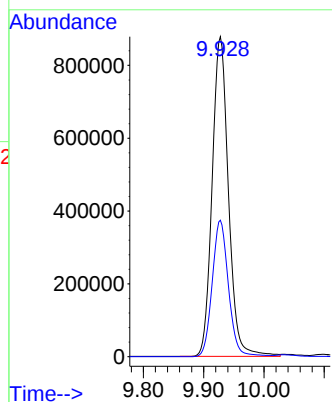
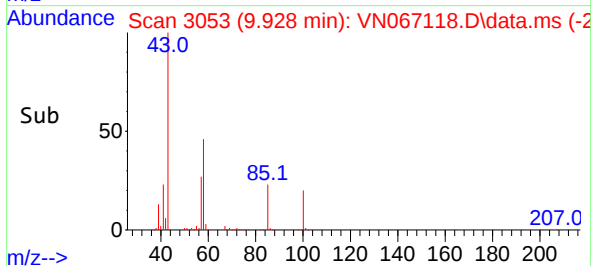
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



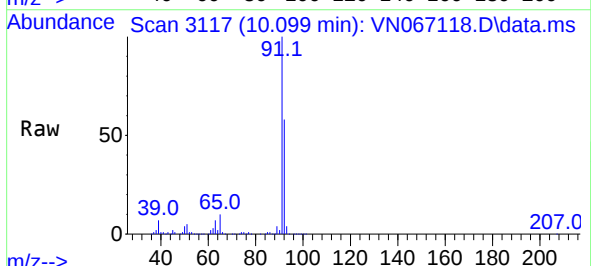
Tgt Ion: 43 Resp: 1653377
Ion Ratio Lower Upper
43 100
58 42.5 34.5 51.7

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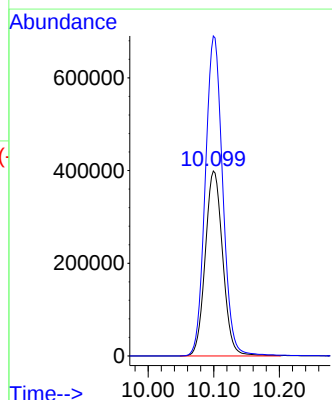
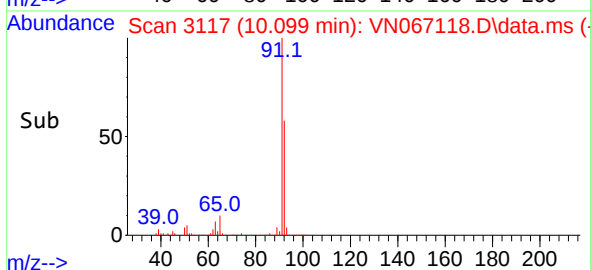
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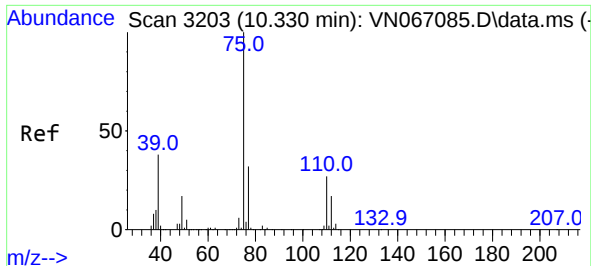


#52
Toluene
Concen: 51.69 ug/l
RT: 10.099 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 92 Resp: 738308
Ion Ratio Lower Upper
92 100
91 172.4 138.7 208.1





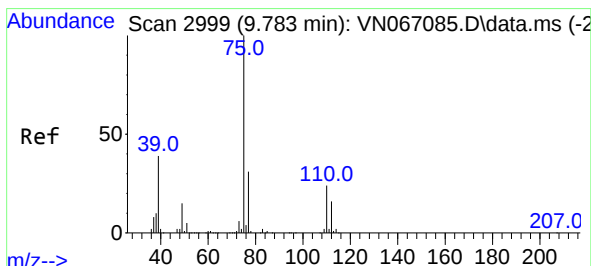
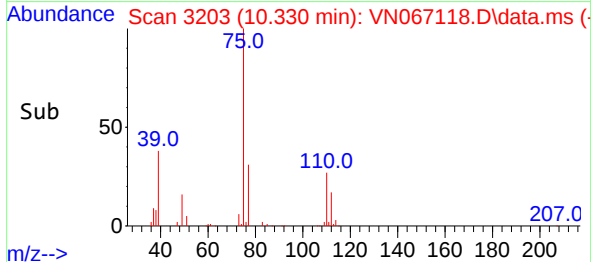
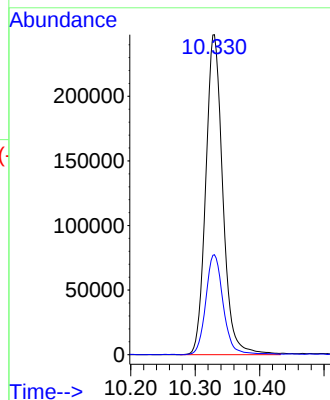
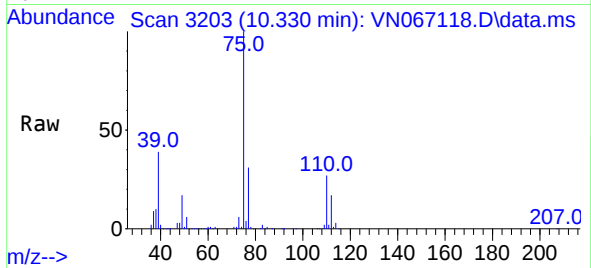
#53
t-1,3-Dichloropropene
Concen: 53.51 ug/l
RT: 10.330 min Scan# 3203
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 75 Resp: 456168
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

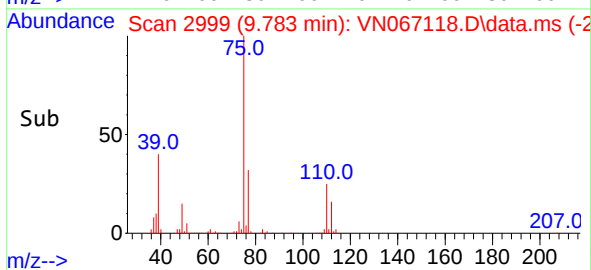
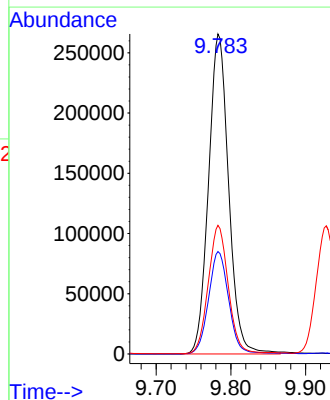
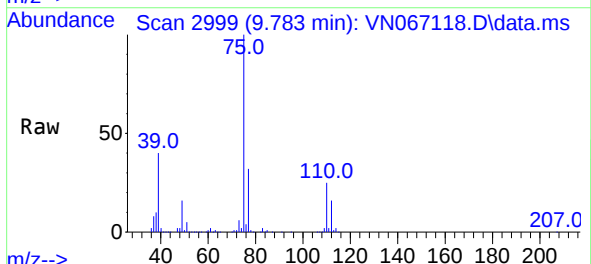
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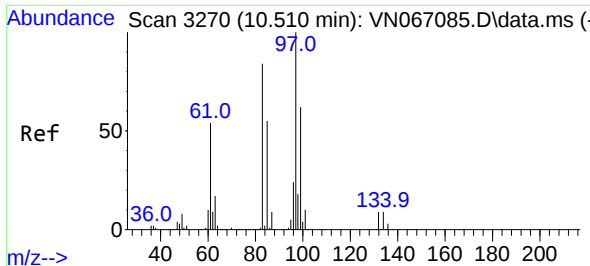
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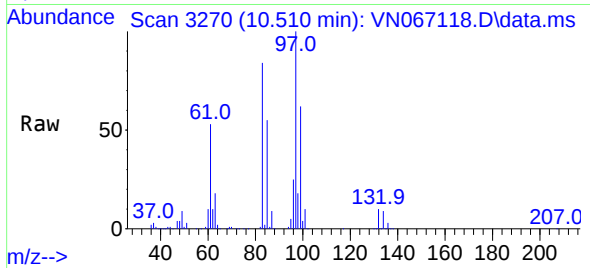
#54
cis-1,3-Dichloropropene
Concen: 51.79 ug/l
RT: 9.783 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 75 Resp: 496210
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 40.1 30.9 46.3



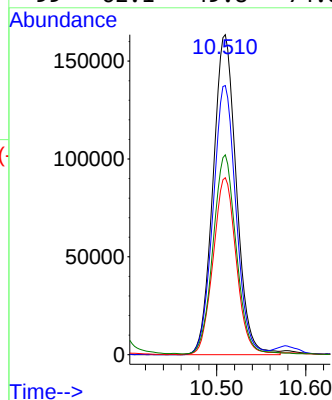


#55
1,1,2-Trichloroethane
Concen: 52.40 ug/l
RT: 10.510 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 97 Resp: 297346

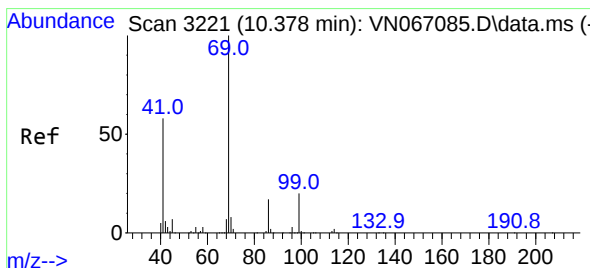
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.3	100.9
85	55.3	44.2	66.4
99	62.1	49.8	74.8



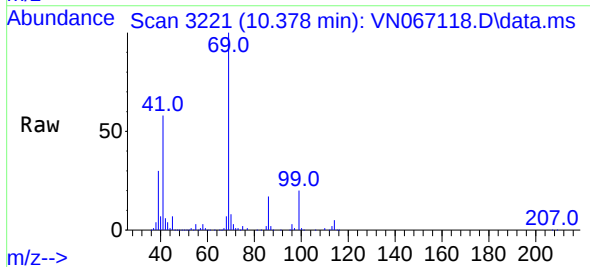
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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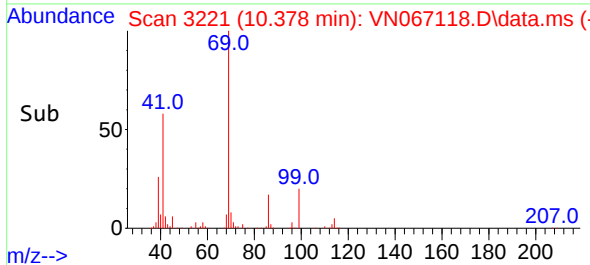
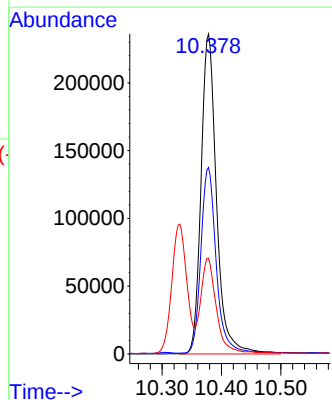


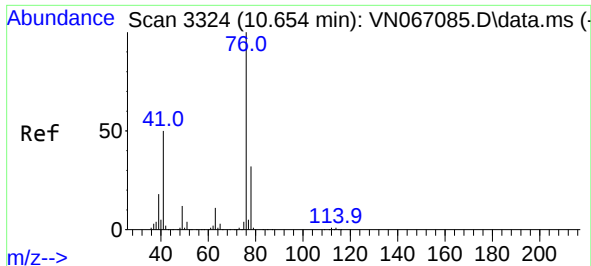
#56
Ethyl methacrylate
Concen: 49.07 ug/l
RT: 10.378 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



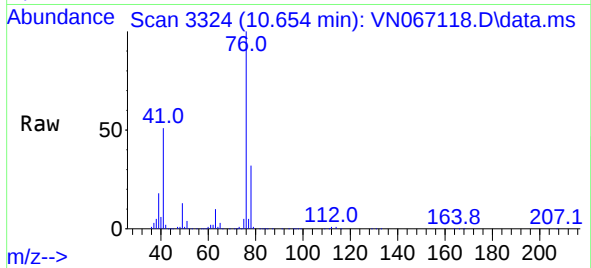
Tgt Ion: 69 Resp: 428062

Ion	Ratio	Lower	Upper
69	100		
41	57.6	45.5	68.3
39	29.8	22.9	34.3

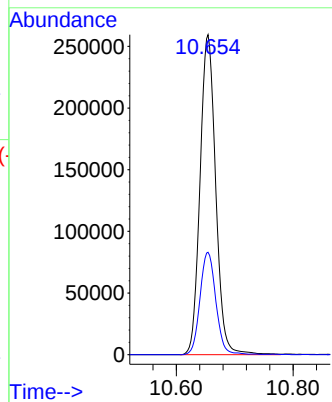
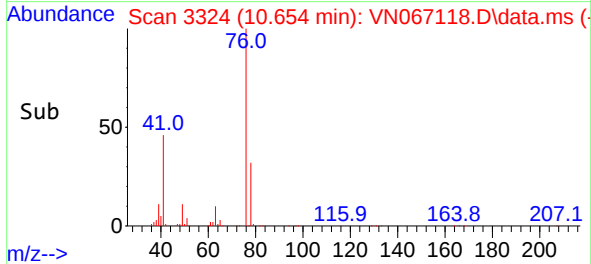




#57
1,3-Dichloropropane
Concen: 53.29 ug/l
RT: 10.654 min Scan# 3324
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



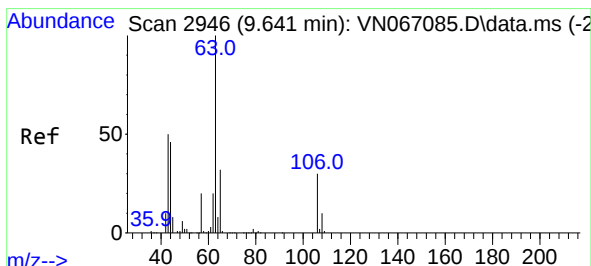
Tgt Ion: 76 Resp: 483405
Ion Ratio Lower Upper
76 100
78 32.3 26.3 39.5



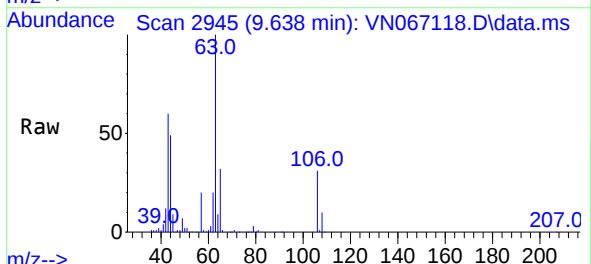
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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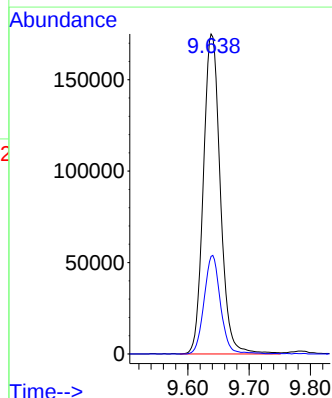
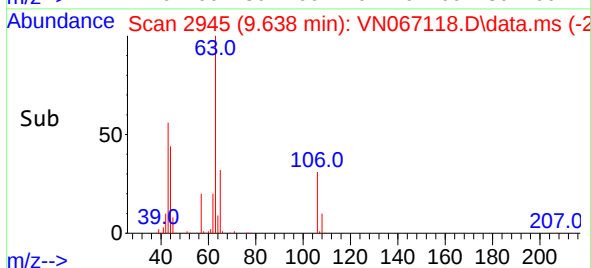
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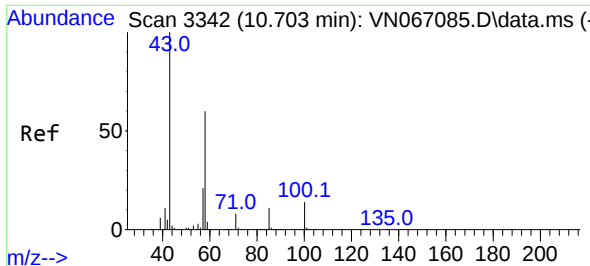


#58
2-Chloroethyl Vinyl ether
Concen: 267.46 ug/l
RT: 9.638 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 63 Resp: 336547
Ion Ratio Lower Upper
63 100
106 29.8 23.9 35.9





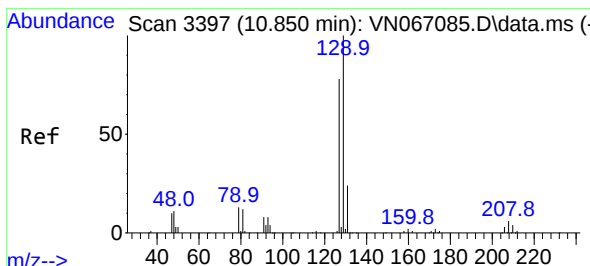
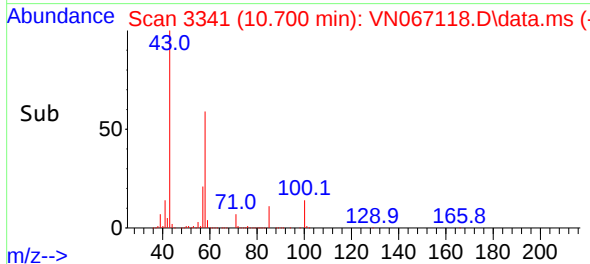
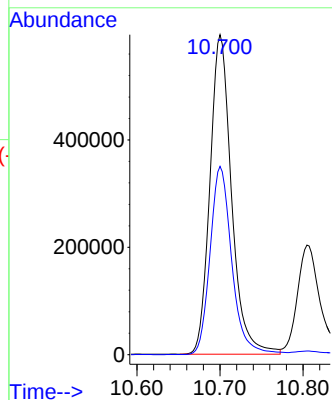
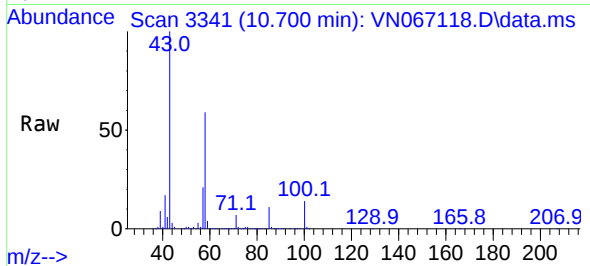
#59
2-Hexanone
Concen: 258.71 ug/l
RT: 10.700 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 43 Resp: 1074512
Ion Ratio Lower Upper
43 100
58 59.3 29.8 89.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

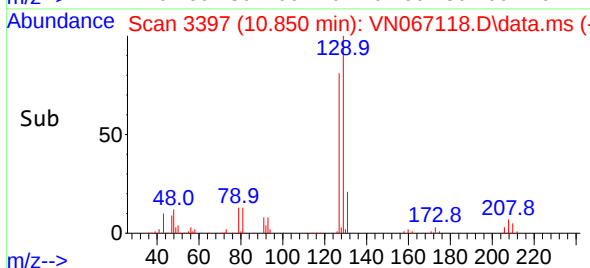
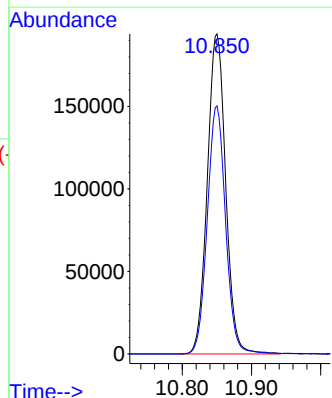
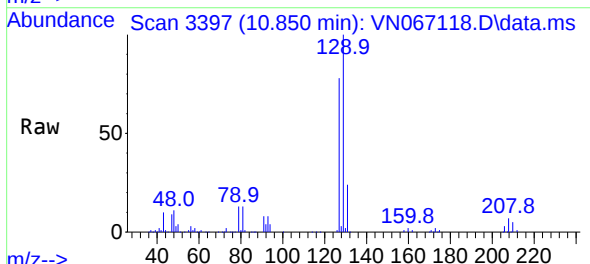
Manual Integrations
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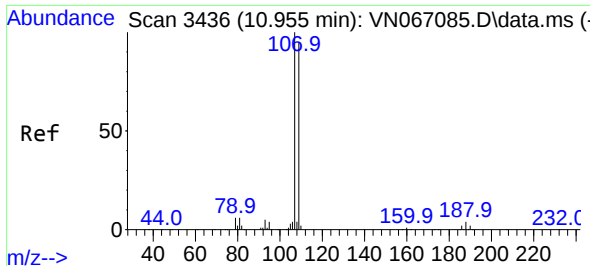
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#60
Dibromochloromethane
Concen: 53.57 ug/l
RT: 10.850 min Scan# 3397
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

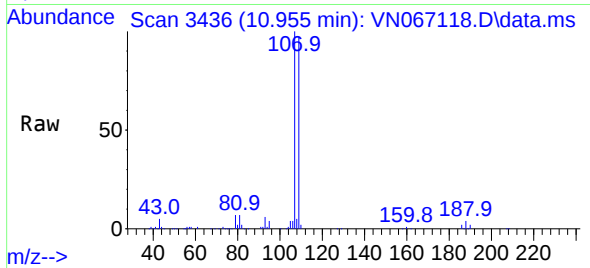
Tgt Ion:129 Resp: 357991
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 52.76 ug/l
RT: 10.955 min Scan# 3436
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

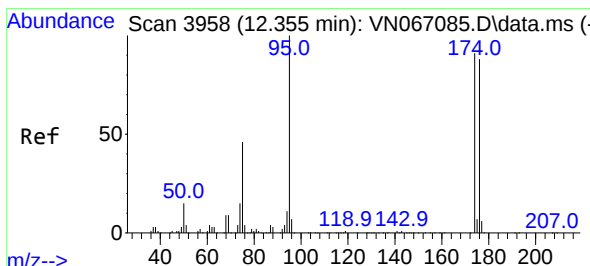
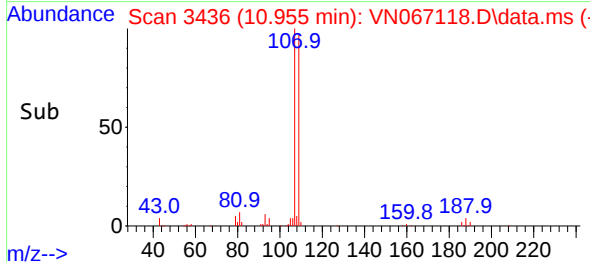
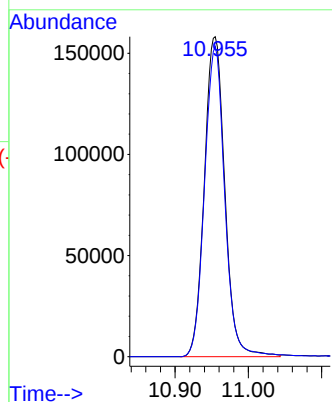
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



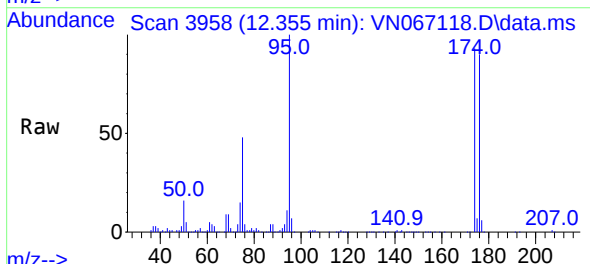
Tgt Ion:107 Resp: 307085
Ion Ratio Lower Upper
107 100
109 95.9 75.8 113.6

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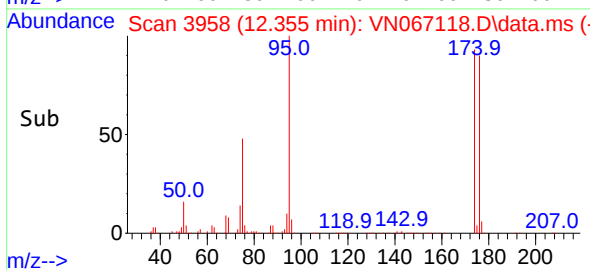
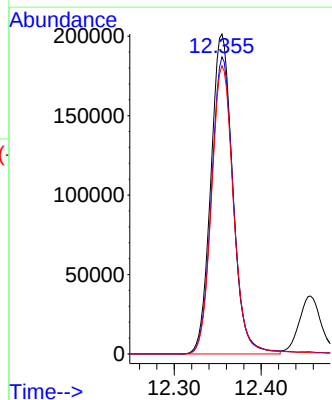
MMDadoda
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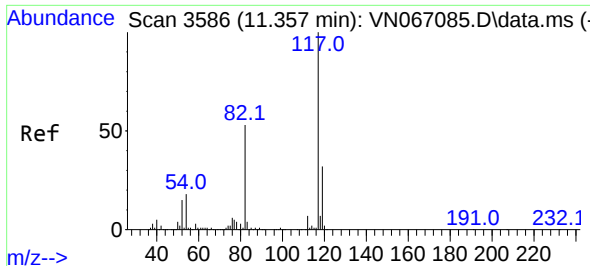


#62
4-Bromofluorobenzene
Concen: 52.96 ug/l
RT: 12.355 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



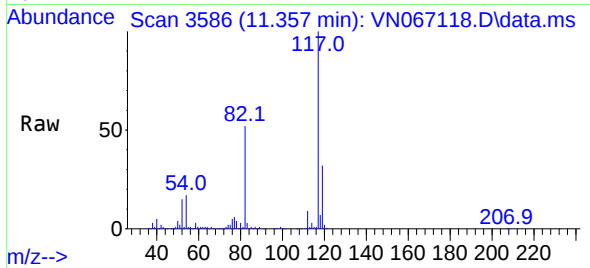
Tgt Ion: 95 Resp: 352332
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.8
176 90.9 0.0 176.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

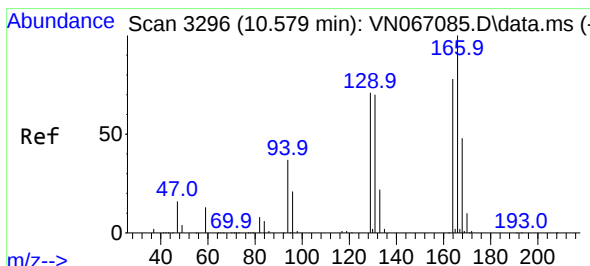
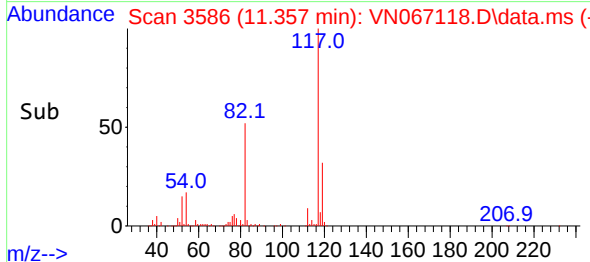
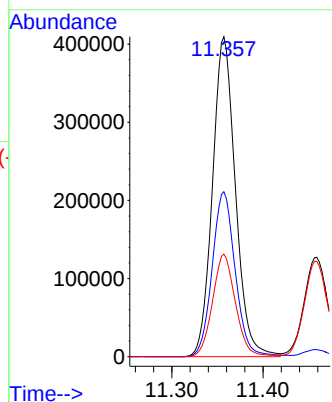
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



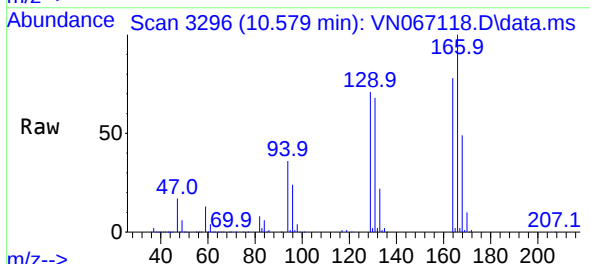
Tgt Ion:117 Resp: 715619
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.2
119 32.1 25.8 38.6

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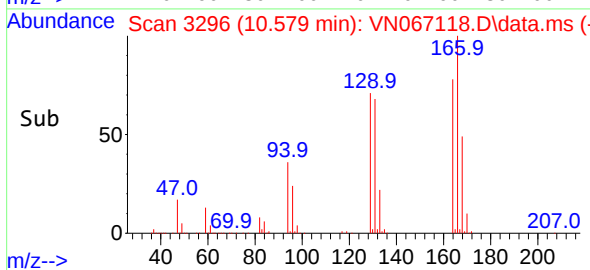
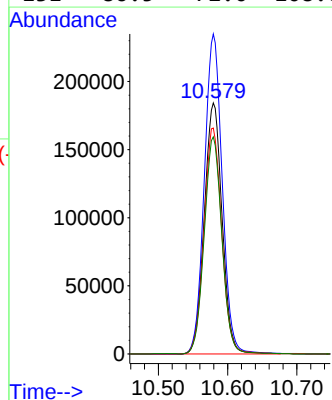
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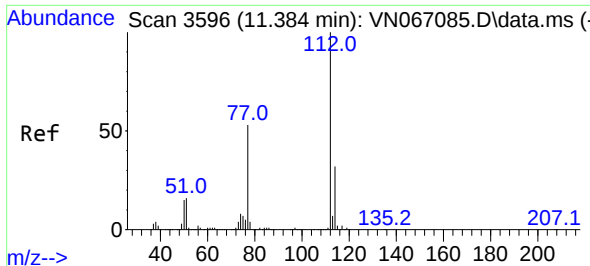


#64
Tetrachloroethene
Concen: 52.70 ug/l
RT: 10.579 min Scan# 3296
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



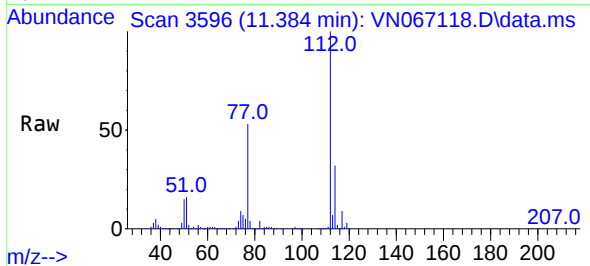
Tgt Ion:164 Resp: 330951
Ion Ratio Lower Upper
164 100
166 127.5 103.0 154.6
129 90.0 73.3 109.9
131 86.5 72.0 108.0





#65
Chlorobenzene
Concen: 51.74 ug/l
RT: 11.384 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

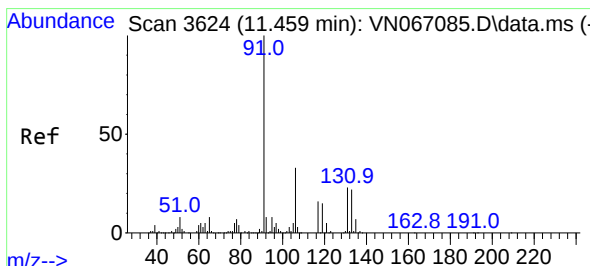
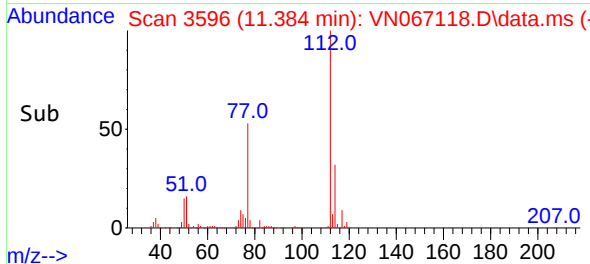
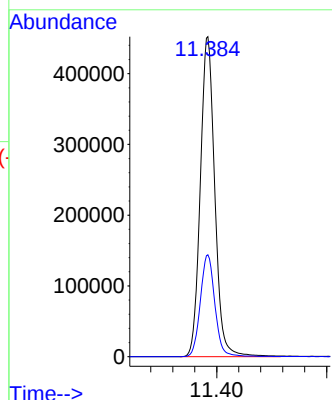
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



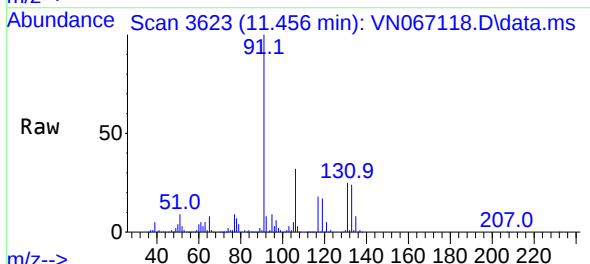
Tgt Ion:112 Resp: 825697
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

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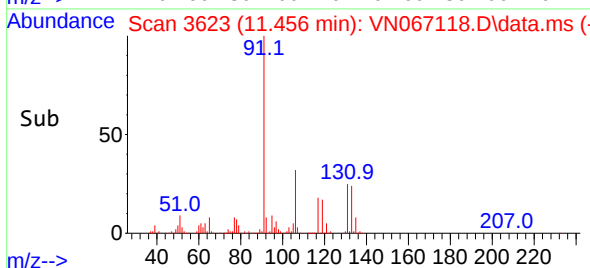
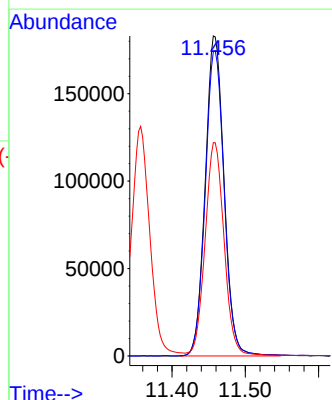
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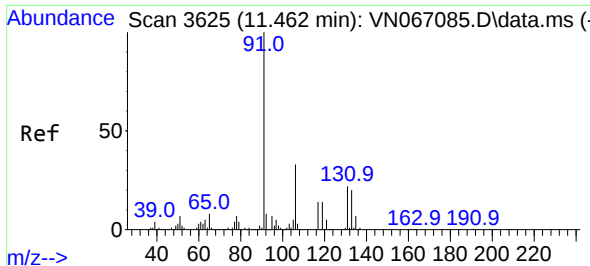


#66
1,1,1,2-Tetrachloroethane
Concen: 51.69 ug/l
RT: 11.456 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion:131 Resp: 326995
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 66.8 33.8 101.3





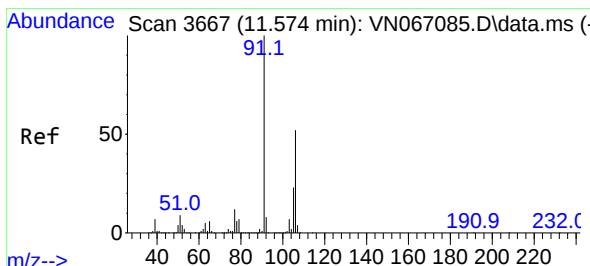
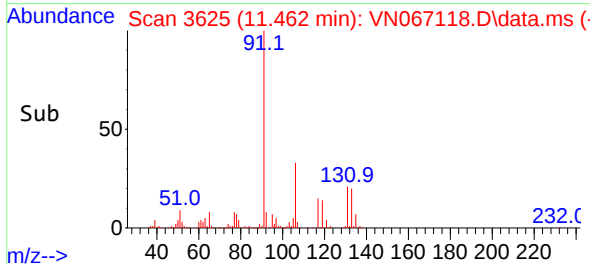
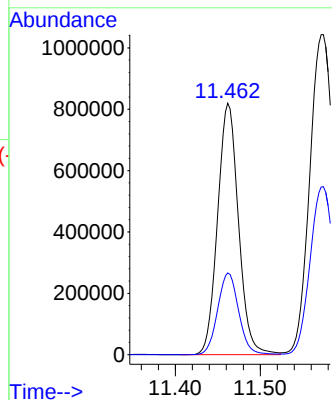
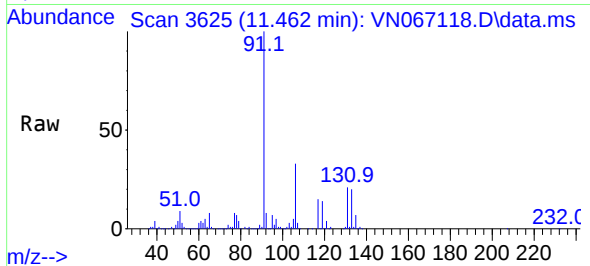
#67
Ethyl Benzene
Concen: 52.08 ug/l
RT: 11.462 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 91 Resp: 1399948
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

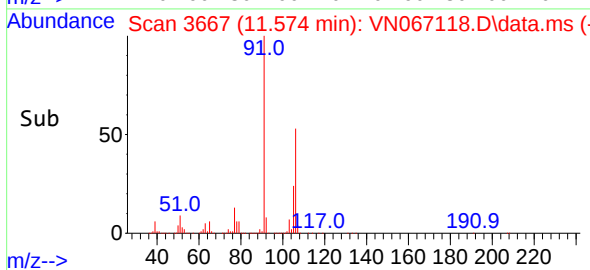
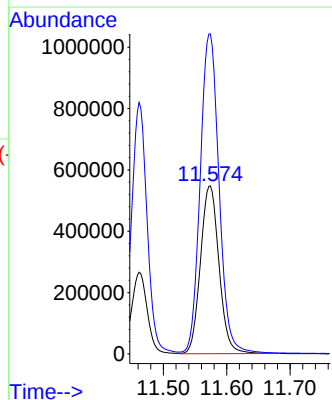
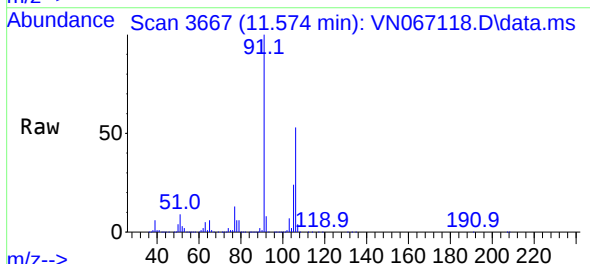
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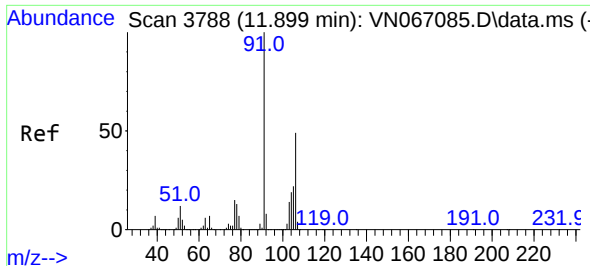
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5/19/2021 3:59:51 PM



#68
m/p-Xylenes
Concen: 106.82 ug/l
RT: 11.574 min Scan# 3667
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

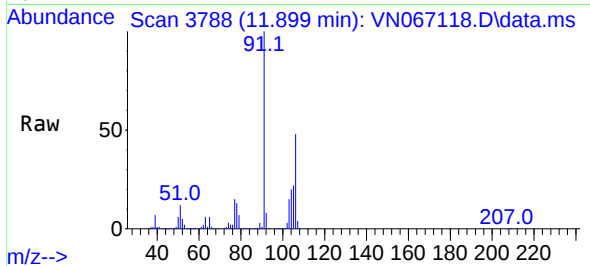
Tgt Ion:106 Resp: 1109512
Ion Ratio Lower Upper
106 100
91 194.2 155.2 232.8





#69
o-Xylene
Concen: 52.22 ug/l
RT: 11.899 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

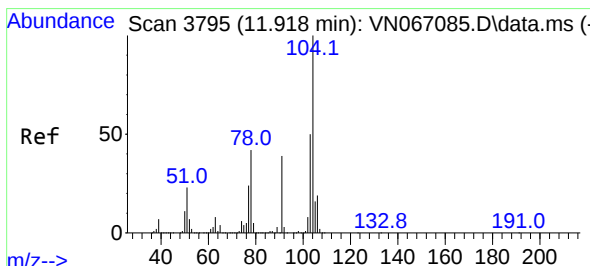
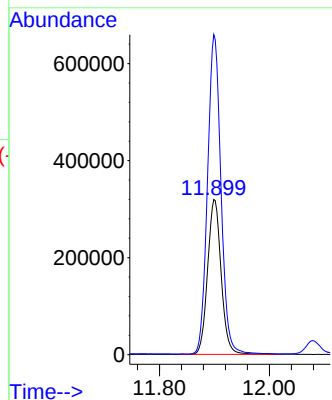
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



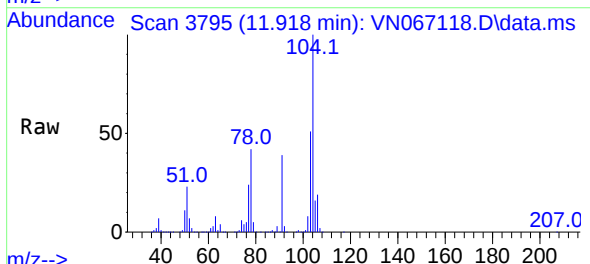
Tgt Ion:106 Resp: 546014
Ion Ratio Lower Upper
106 100
91 204.5 102.3 306.8

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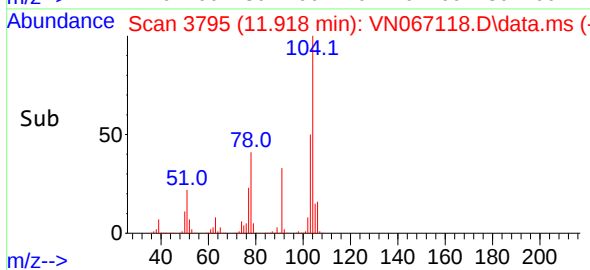
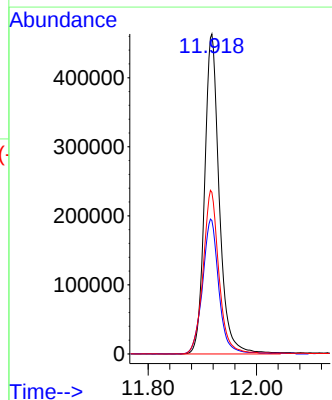
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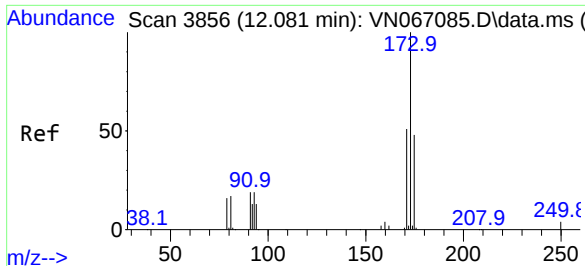


#70
Styrene
Concen: 53.84 ug/l
RT: 11.918 min Scan# 3795
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion:104 Resp: 876214
Ion Ratio Lower Upper
104 100
78 46.2 37.7 56.5
103 55.0 44.2 66.4





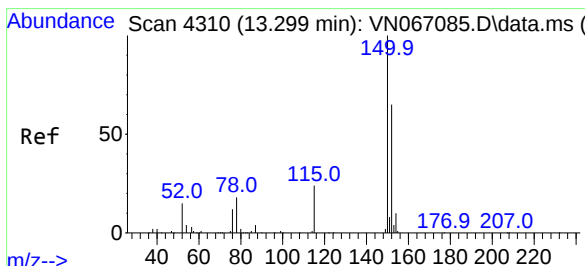
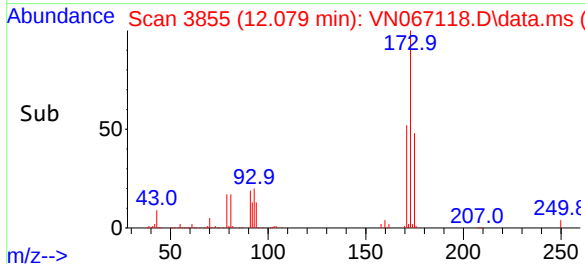
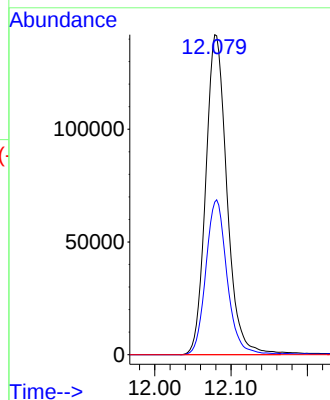
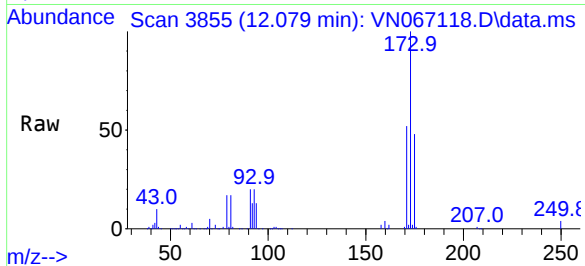
#71
Bromoform
Concen: 49.98 ug/l
RT: 12.079 min Scan# 3855
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:173 Resp: 273997
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

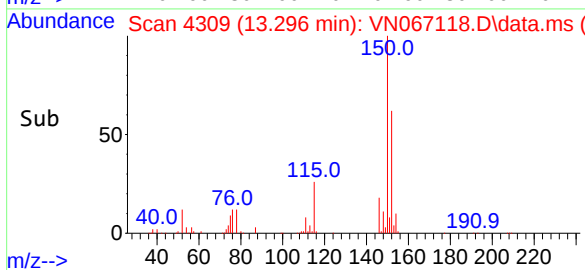
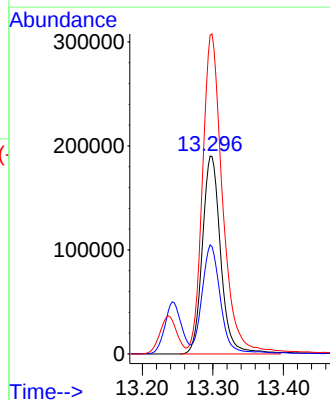
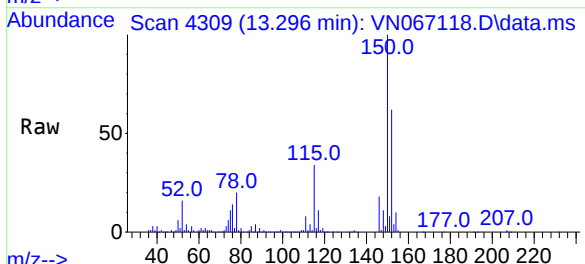
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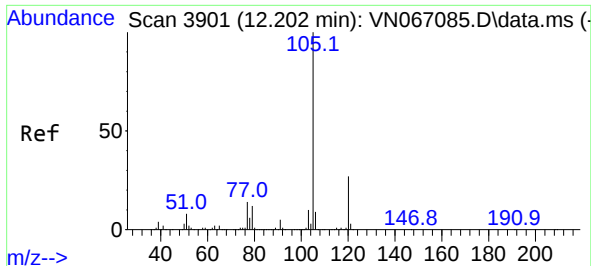
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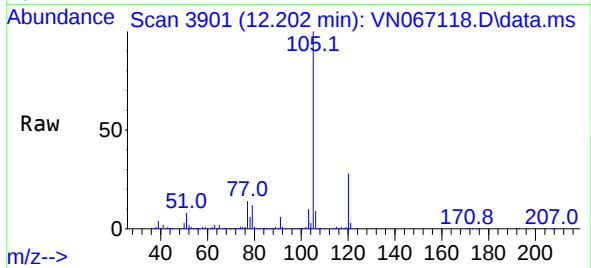
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.296 min Scan# 4309
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:152 Resp: 344829
Ion Ratio Lower Upper
152 100
115 52.1 27.0 80.8
150 176.0 0.0 350.2

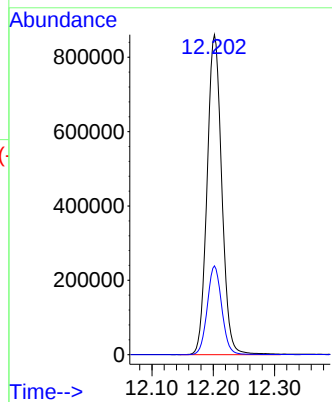
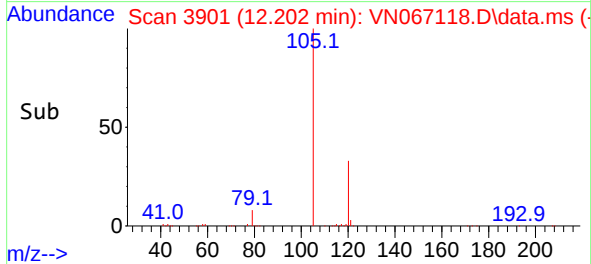




#73
Isopropylbenzene
Concen: 49.56 ug/l
RT: 12.202 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



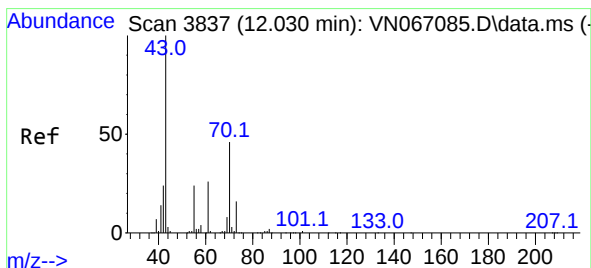
Tgt Ion:105 Resp: 1427237
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0



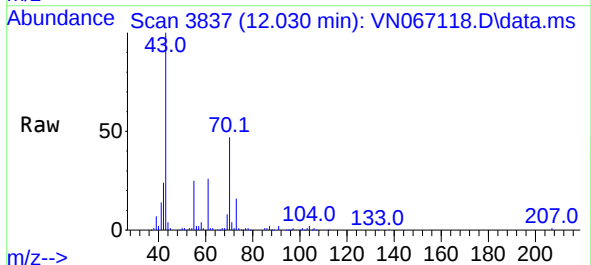
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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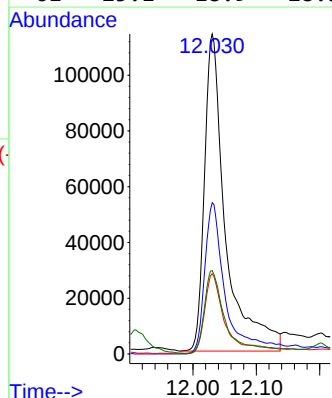
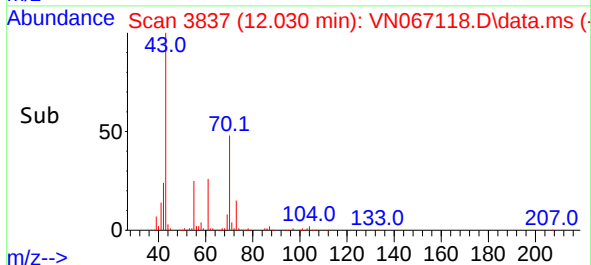
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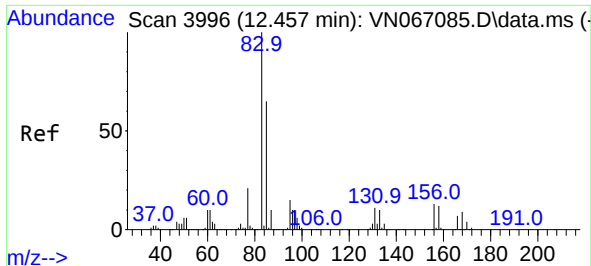


#74
N-ethyl acetate
Concen: 55.06 ug/l
RT: 12.030 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



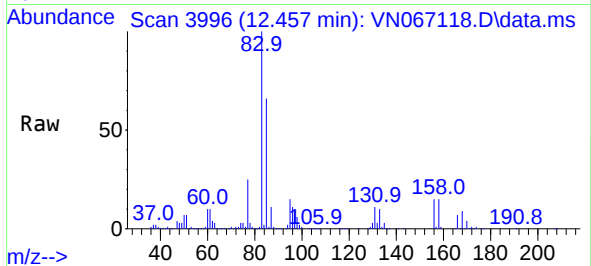
Tgt Ion: 43 Resp: 264032
Ion Ratio Lower Upper
43 100
70 45.8 36.7 55.1
55 24.6 17.6 26.4
61 25.1 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.01 ug/l
RT: 12.457 min Scan# 3996
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

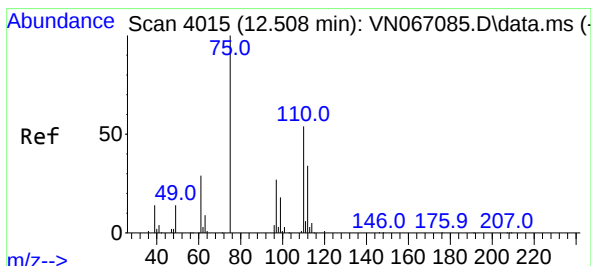
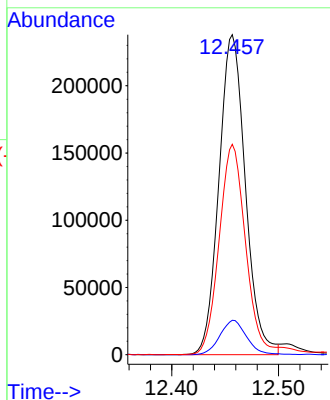
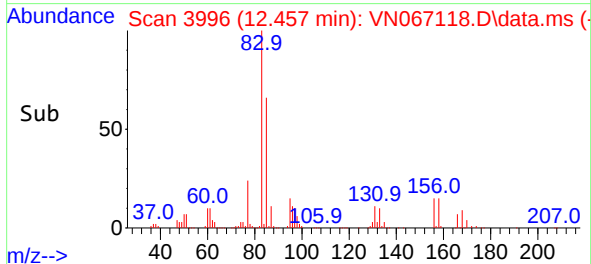
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



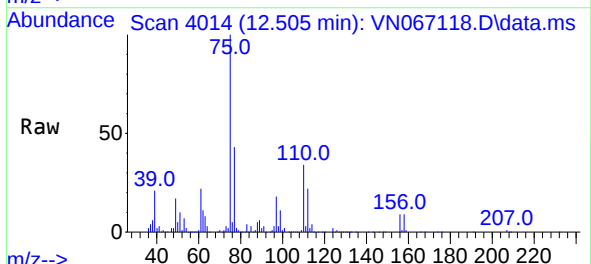
Tgt Ion: 83 Resp: 410325
Ion Ratio Lower Upper
83 100
131 10.9 5.3 16.1
85 67.2 32.6 97.8

Manual Integrations
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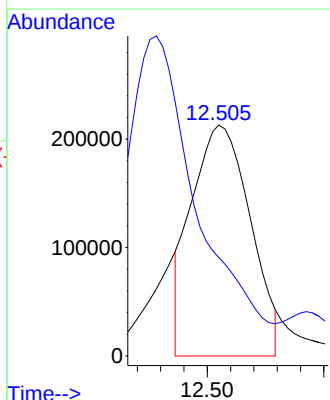
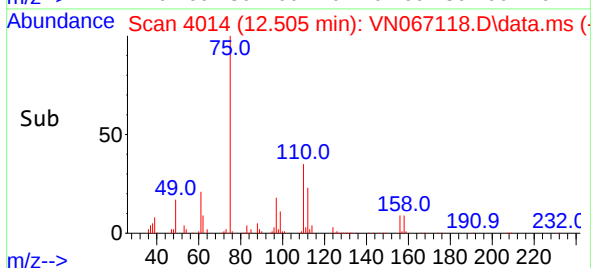
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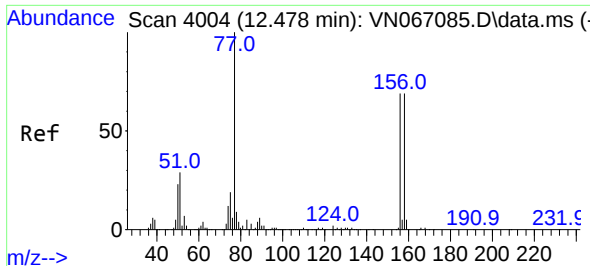


#76
1,2,3-Trichloropropane
Concen: 51.20 ug/l m
RT: 12.505 min Scan# 4014
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



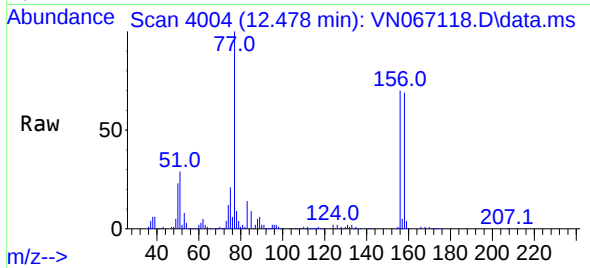
Tgt Ion: 75 Resp: 372547
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.12 ug/l
RT: 12.478 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

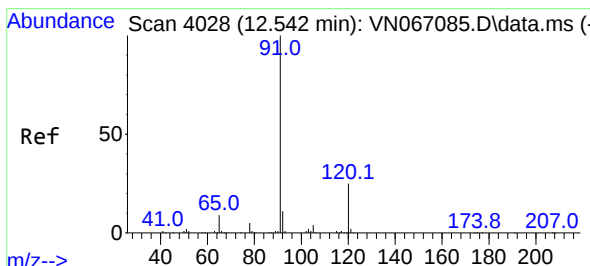
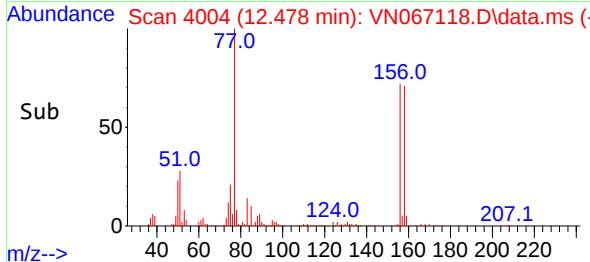
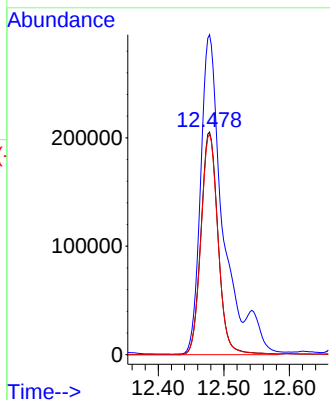
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 373373
Ion Ratio Lower Upper
156 100
77 172.5 87.9 263.8
158 98.0 49.0 147.2

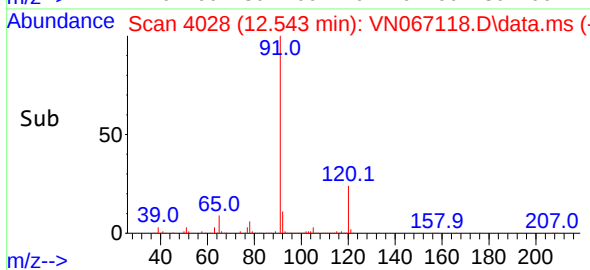
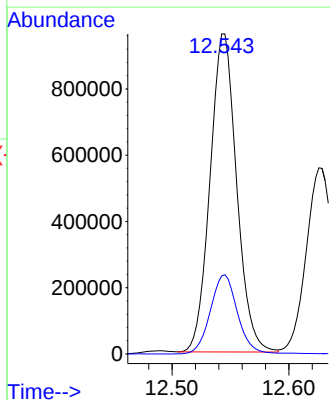
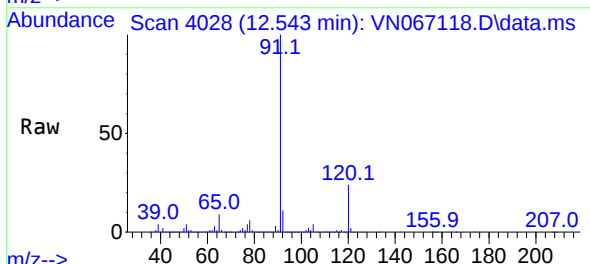
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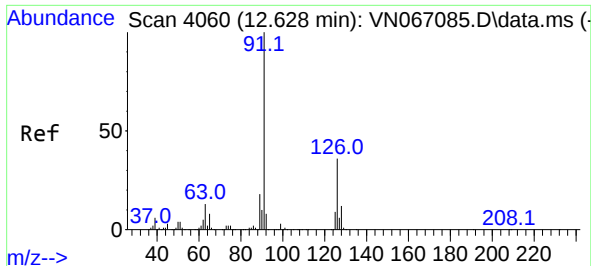
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#78
n-propylbenzene
Concen: 52.21 ug/l
RT: 12.543 min Scan# 4028
Delta R.T. 0.001 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 91 Resp: 1521130
Ion Ratio Lower Upper
91 100
120 25.6 12.7 38.0





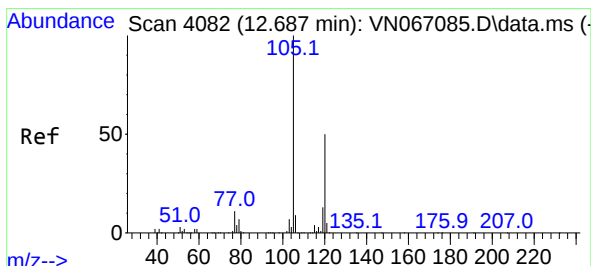
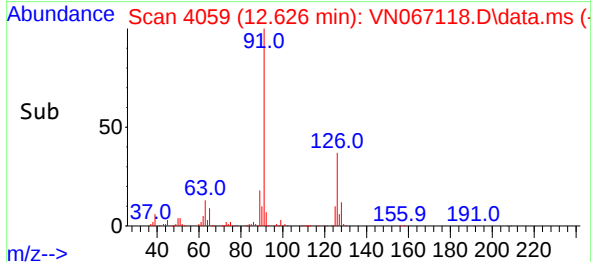
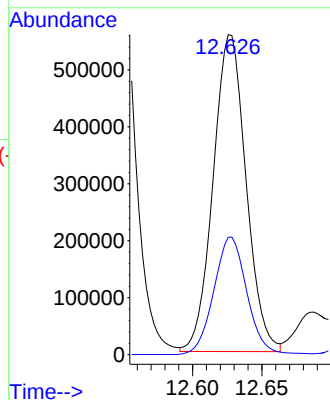
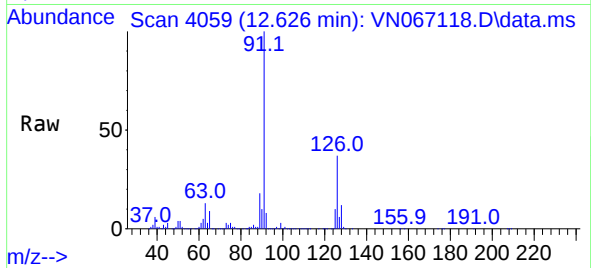
#79
2-Chlorotoluene
Concen: 47.70 ug/l
RT: 12.626 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 91 Resp: 919831
Ion Ratio Lower Upper
91 100
126 37.3 18.3 54.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

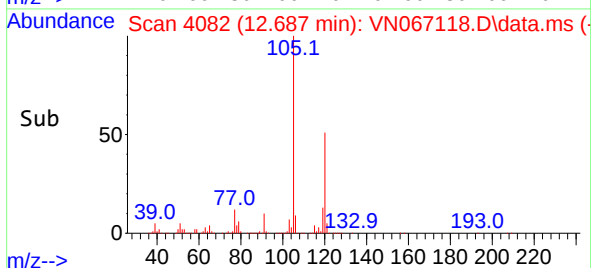
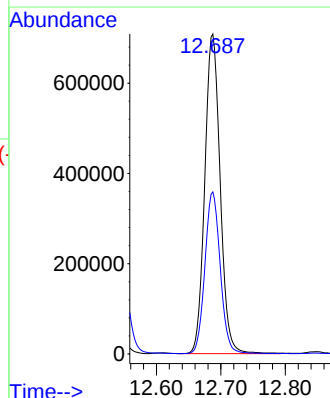
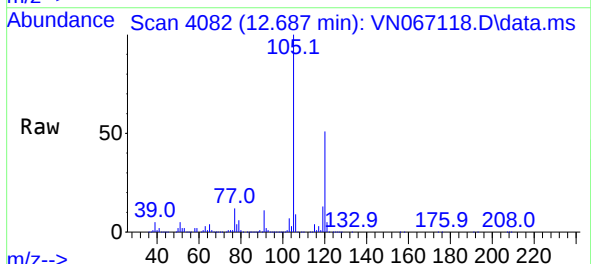
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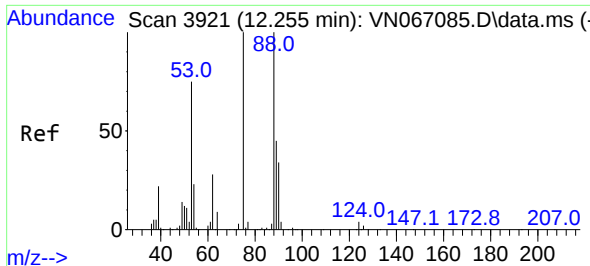
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#80
1,3,5-Trimethylbenzene
Concen: 48.95 ug/l
RT: 12.687 min Scan# 4082
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

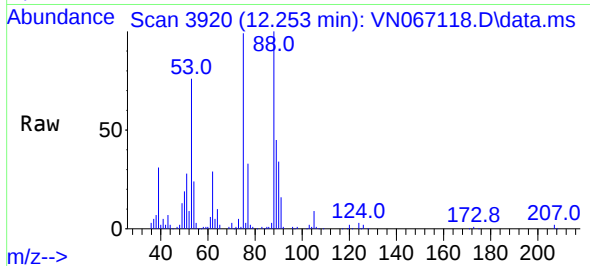
Tgt Ion:105 Resp: 1176195
Ion Ratio Lower Upper
105 100
120 50.3 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 48.69 ug/l
RT: 12.253 min Scan# 3920
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

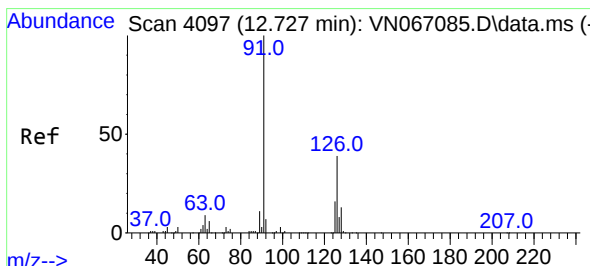
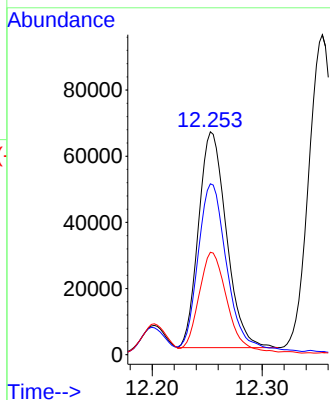
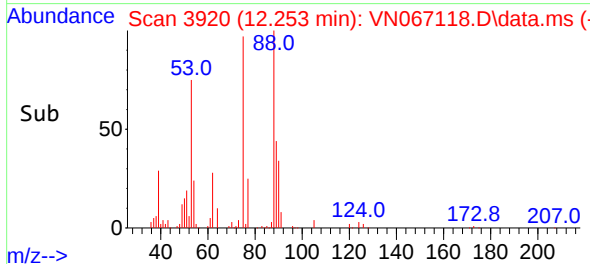
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



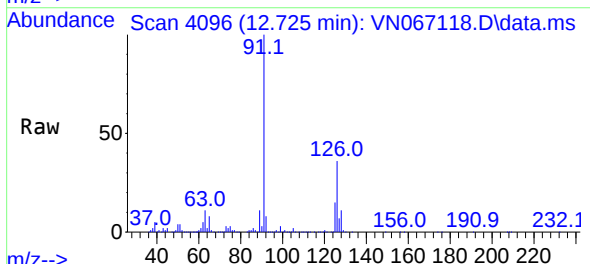
Tgt Ion: 75 Resp: 115011
Ion Ratio Lower Upper
75 100
53 83.2 66.3 99.5
89 47.5 39.5 59.3

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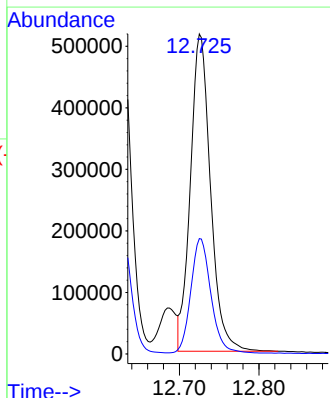
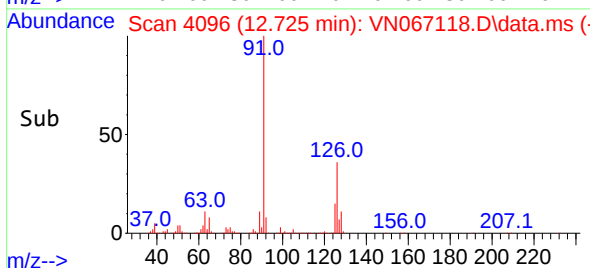
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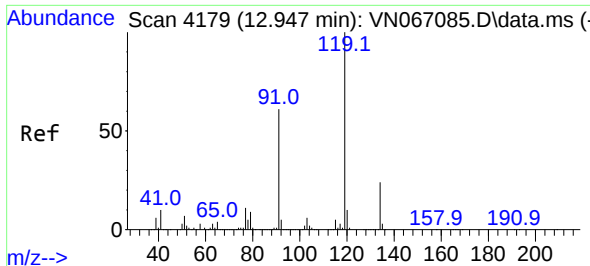


#82
4-Chlorotoluene
Concen: 49.13 ug/l
RT: 12.725 min Scan# 4096
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



Tgt Ion: 91 Resp: 905849
Ion Ratio Lower Upper
91 100
126 36.2 17.7 53.1





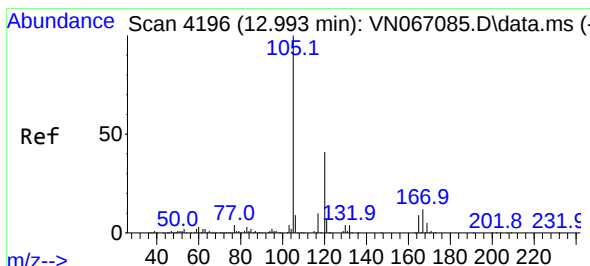
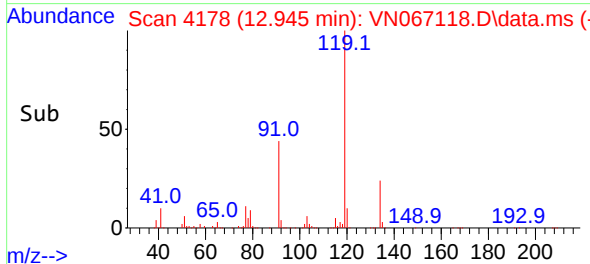
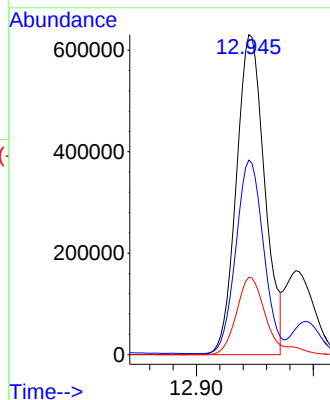
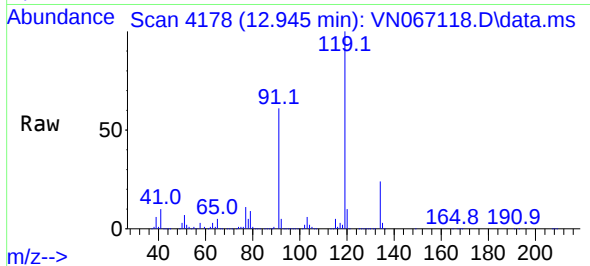
#83
tert-Butylbenzene
Concen: 46.71 ug/l
RT: 12.945 min Scan# 4178
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:119 Resp: 1059698
Ion Ratio Lower Upper
119 100
91 59.2 30.2 90.6
134 25.8 13.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

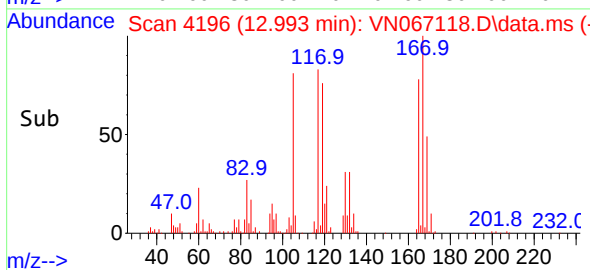
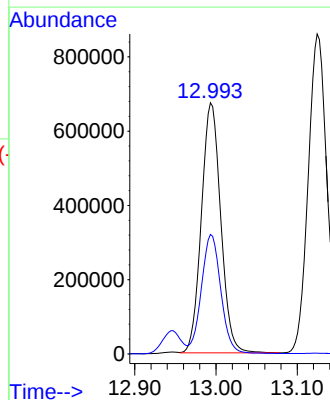
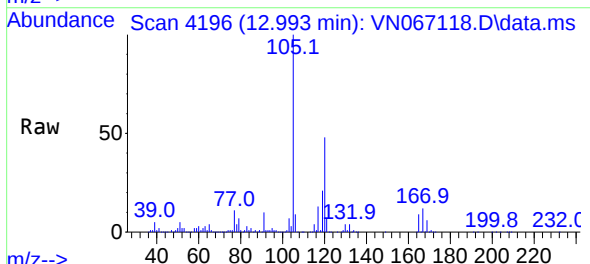
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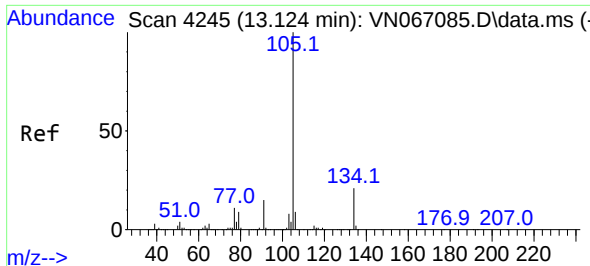
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#84
1,2,4-Trimethylbenzene
Concen: 50.36 ug/l
RT: 12.993 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

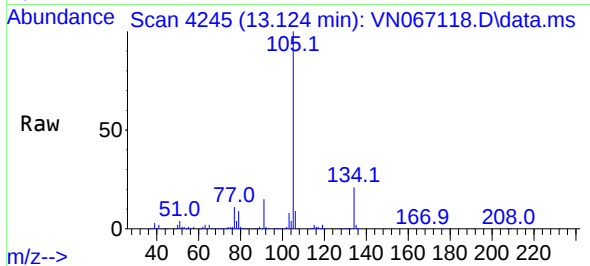
Tgt Ion:105 Resp: 1115660
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 51.47 ug/l
 RT: 13.124 min Scan# 4245
 Delta R.T. 0.000 min
 Lab File: VN067118.D
 Acq: 18 May 2021 11:02

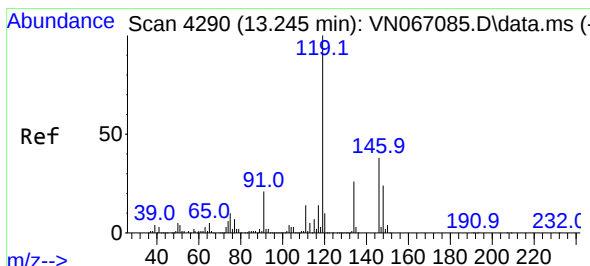
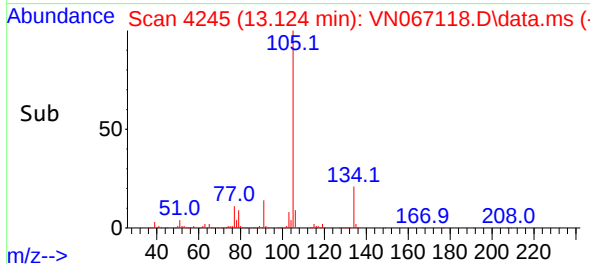
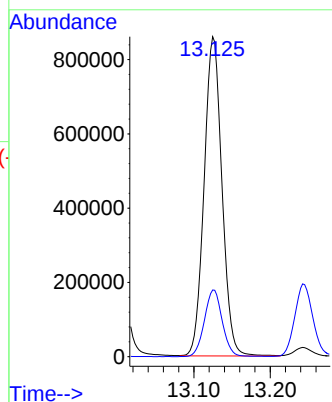
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



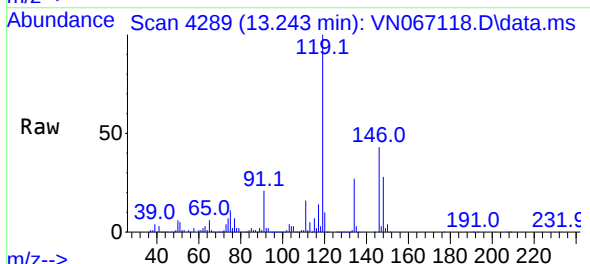
Tgt Ion:105 Resp: 1394740
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

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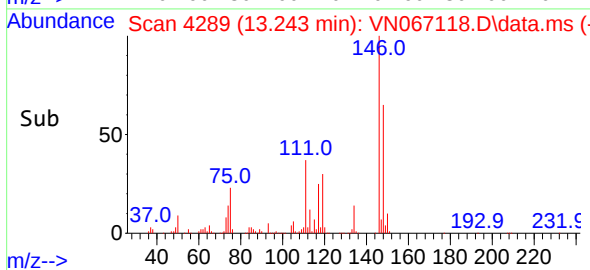
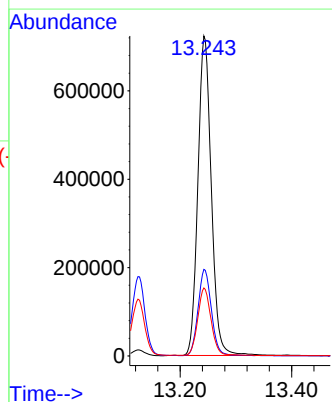
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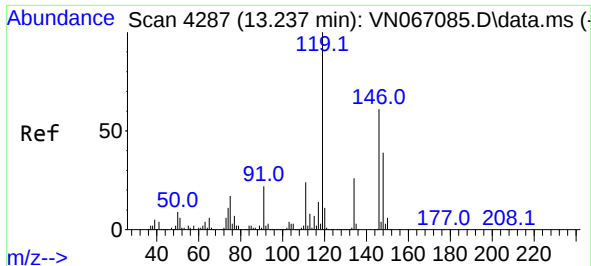


#86
 p-Isopropyltoluene
 Concen: 51.22 ug/l
 RT: 13.243 min Scan# 4289
 Delta R.T. -0.002 min
 Lab File: VN067118.D
 Acq: 18 May 2021 11:02



Tgt Ion:119 Resp: 1204505
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 20.8 10.7 32.1





#87

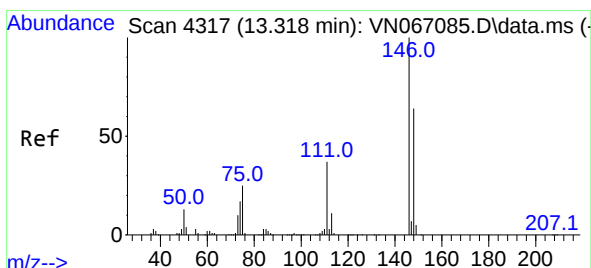
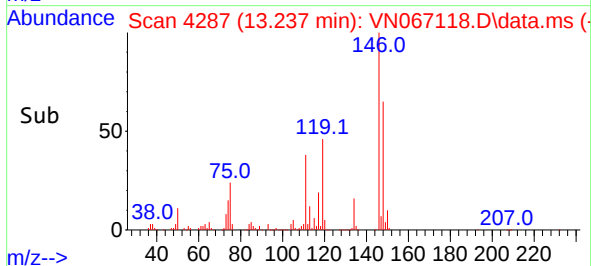
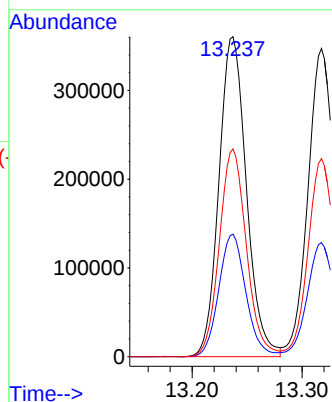
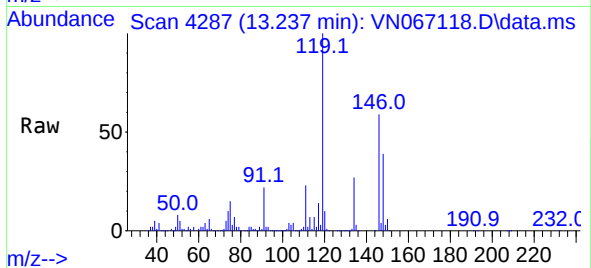
1,3-Dichlorobenzene
Concen: 53.84 ug/l
RT: 13.237 min Scan# 4287
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:146 Resp: 626207
Ion Ratio Lower Upper
146 100
111 37.8 19.3 57.8
148 64.1 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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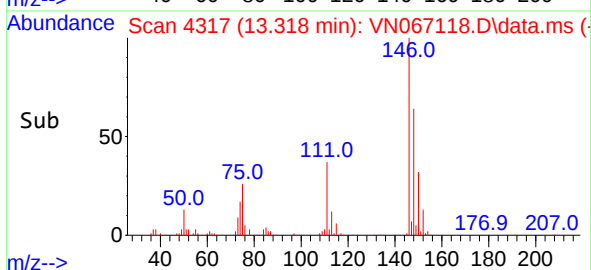
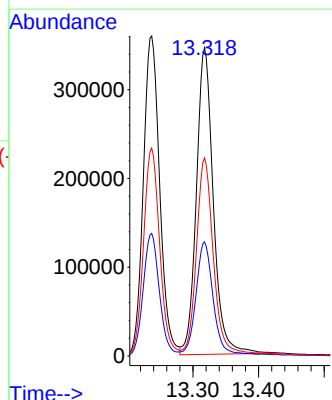
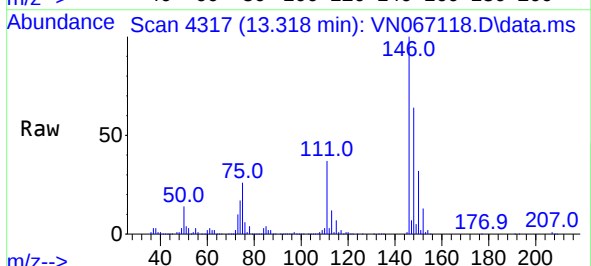
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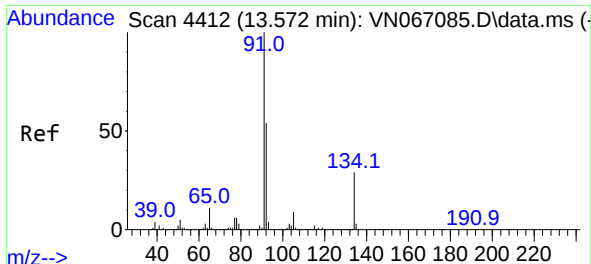


#88

1,4-Dichlorobenzene
Concen: 51.33 ug/l
RT: 13.318 min Scan# 4317
Delta R.T. -0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:146 Resp: 621794
Ion Ratio Lower Upper
146 100
111 36.7 18.5 55.5
148 63.5 31.4 94.3





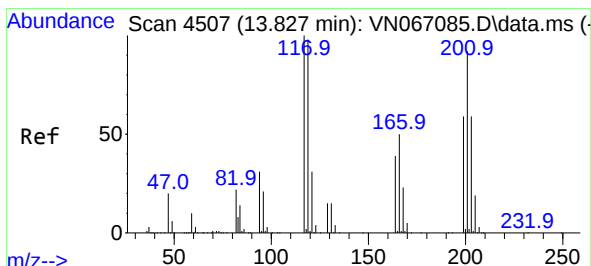
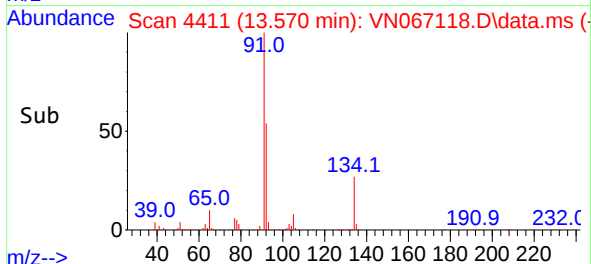
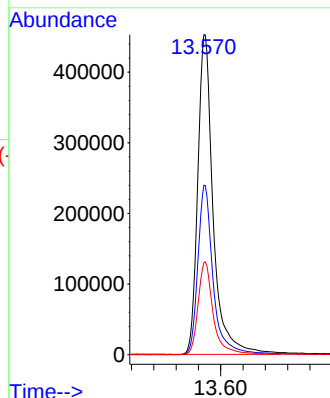
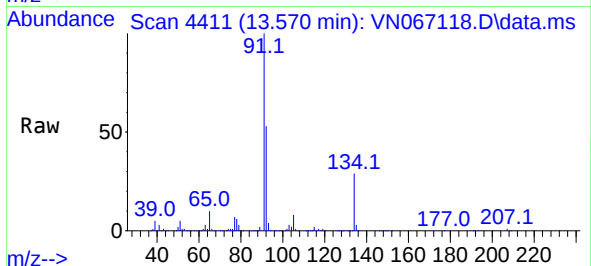
#89
n-Butylbenzene
Concen: 48.74 ug/l
RT: 13.570 min Scan# 4411
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 91 Resp: 869135
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 28.4 14.3 42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

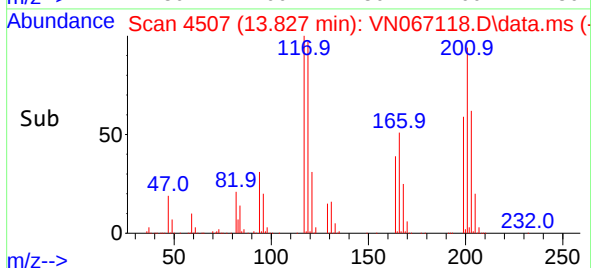
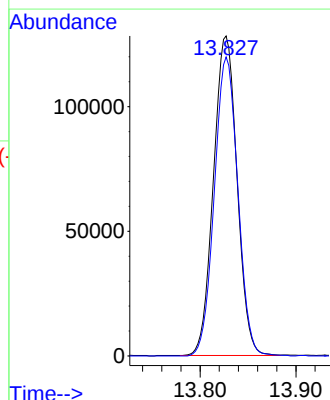
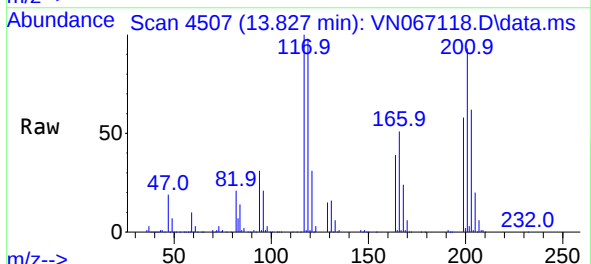
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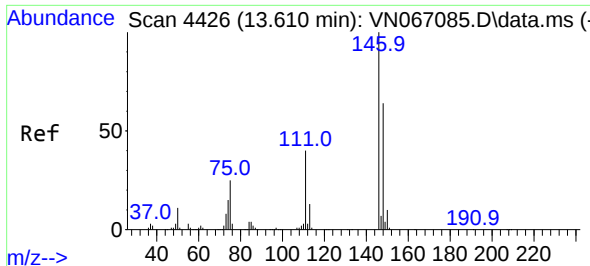
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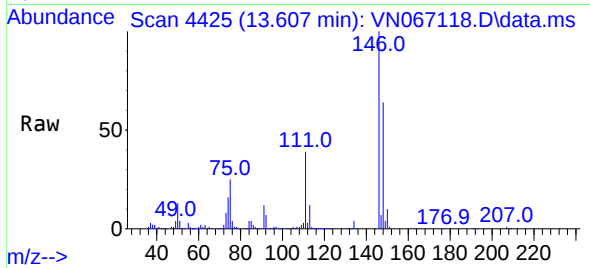
#90
Hexachloroethane
Concen: 50.77 ug/l
RT: 13.827 min Scan# 4507
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion: 117 Resp: 218526
Ion Ratio Lower Upper
117 100
201 93.4 45.5 136.5

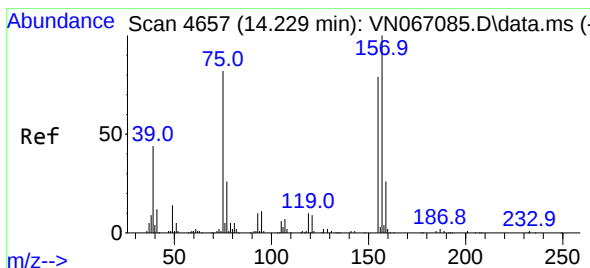
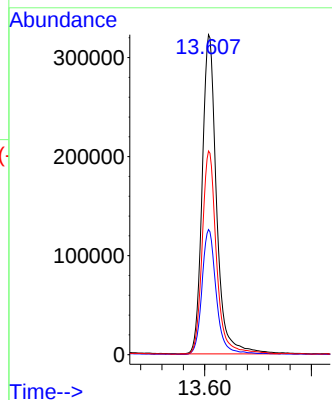
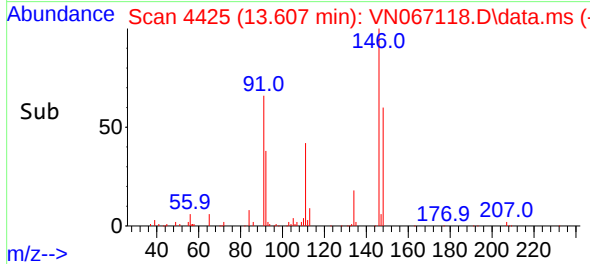




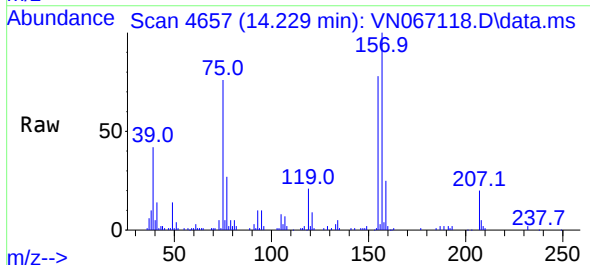
#91
1,2-Dichlorobenzene
Concen: 49.89 ug/l
RT: 13.607 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



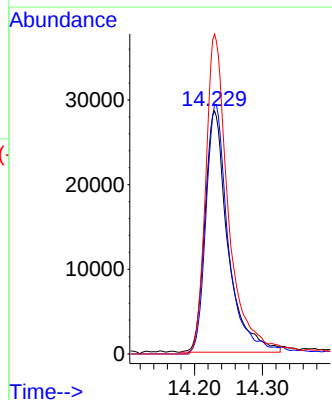
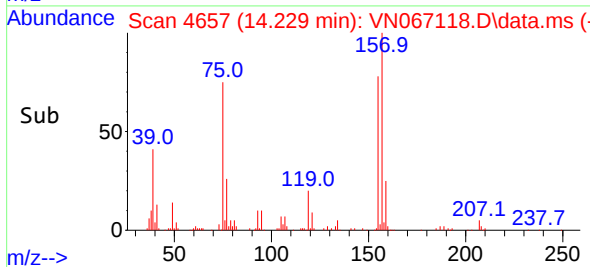
Tgt Ion:146 Resp: 601701
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.3
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.15 ug/l
RT: 14.229 min Scan# 4657
Delta R.T. 0.000 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02



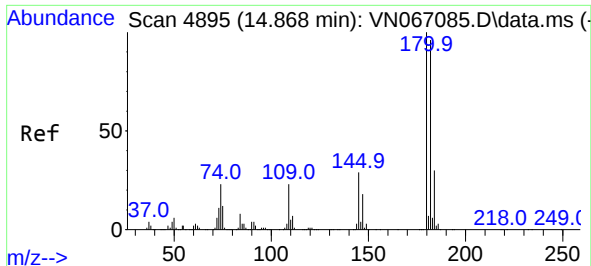
Tgt Ion: 75 Resp: 67132
Ion Ratio Lower Upper
75 100
155 100.1 49.9 149.7
157 129.1 63.8 191.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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5/19/2021 3:59:51 PM



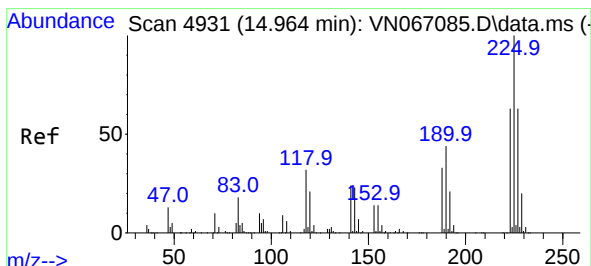
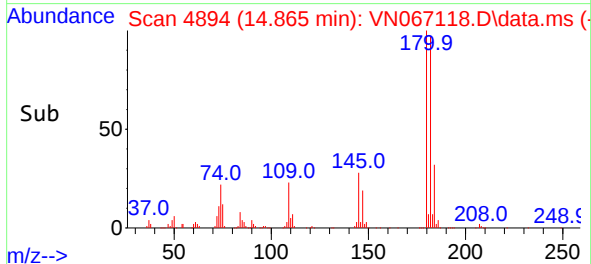
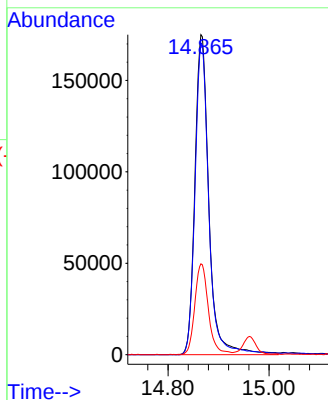
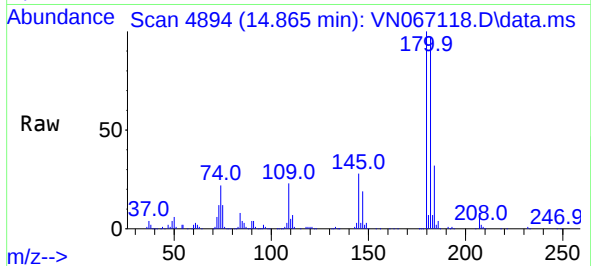
#93
1,2,4-Trichlorobenzene
Concen: 54.95 ug/l
RT: 14.865 min Scan# 4894
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:180 Resp: 336065
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 27.7 14.0 42.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

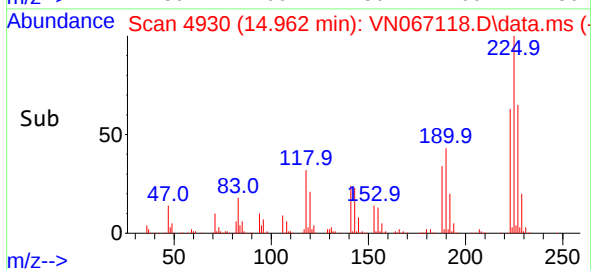
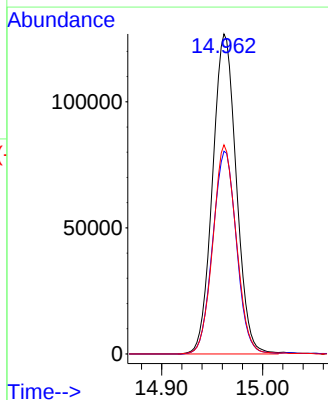
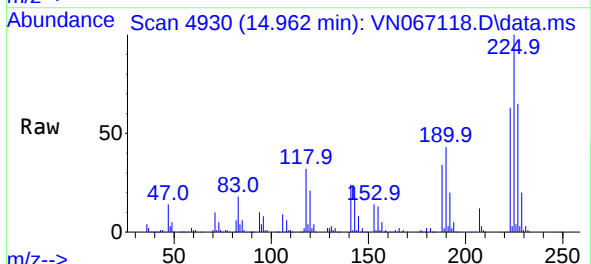
Manual Integrations
APPROVED

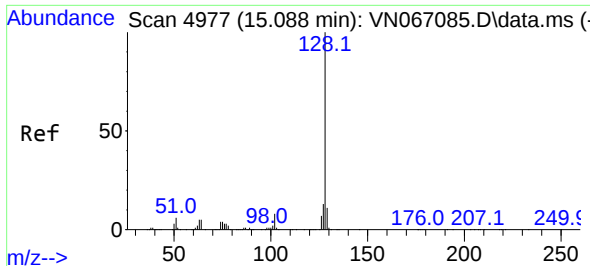
MMDadoda
5/19/2021 3:59:51 PM



#94
Hexachlorobutadiene
Concen: 49.18 ug/l
RT: 14.962 min Scan# 4930
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:225 Resp: 207114
Ion Ratio Lower Upper
225 100
223 63.4 31.7 95.1
227 64.4 31.7 95.1





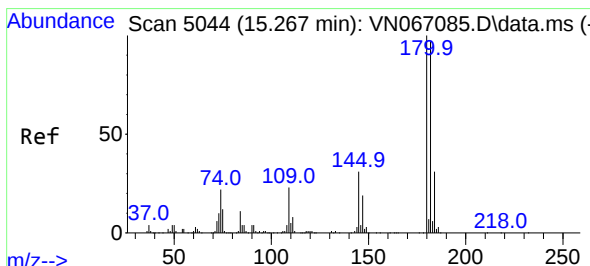
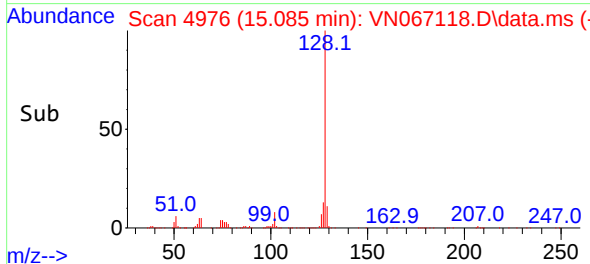
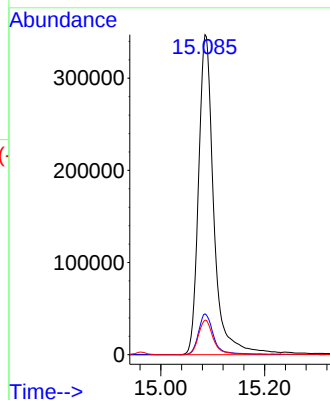
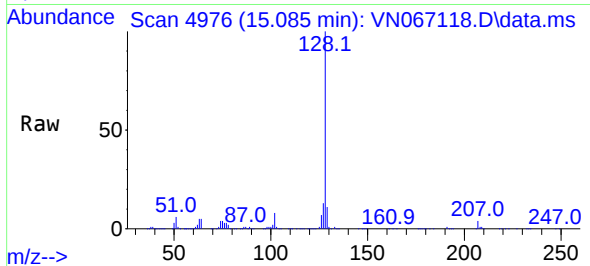
#95
Naphthalene
Concen: 48.48 ug/l
RT: 15.085 min Scan# 4976
Delta R.T. -0.003 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:128 Resp: 708857
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/19/2021 3:59:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.29 ug/l
RT: 15.265 min Scan# 5043
Delta R.T. -0.002 min
Lab File: VN067118.D
Acq: 18 May 2021 11:02

Tgt Ion:180 Resp: 311913
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.6 15.4 46.2

