

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121620\
 Data File : VN065165.D
 Acq On : 16 Dec 2020 9:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Dec 21 13:55:26 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.142	128	81201	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	414175	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	383192	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	159176	28.64	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.47%		
60) 4-Bromofluorobenzene	12.373	95	178271	29.61	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.70%		
63) Toluene-d8	10.058	98	537939	29.08	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.93%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	92917	20.18	ug/l	95
3) Chloromethane	2.036	50	112617	21.24	ug/l	98
4) Vinyl Chloride	2.164	62	115965	19.85	ug/l	98
5) Bromomethane	2.534	94	71866	17.52	ug/l	95
6) Chloroethane	2.672	64	60110	17.27	ug/l	99
7) Trichlorofluoromethane	2.988	101	160637	18.59	ug/l	97
8) Diethyl Ether	3.377	74	58296	21.12	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.717	101	98129	22.00	ug/l	50
10) 1,1-Dichloroethene	3.695	96	91998	21.26	ug/l	81
11) Methyl Iodide	3.914	142	121617	20.22	ug/l	90
12) Methyl Acetate	4.274	43	83465	21.19	ug/l #	90
13) Acrolein	3.566	56	87349	156.79	ug/l	99
14) Acrylonitrile	4.923	53	207100	107.28	ug/l	96
15) Acetone	3.772	58	77150	127.30	ug/l	69
16) Carbon Disulfide	4.010	76	270819	21.27	ug/l	98
17) Allyl chloride	4.277	41	138357	22.07	ug/l	83
18) Methylene Chloride	4.499	84	109971	21.60	ug/l	90
19) trans-1,2-Dichloroethene	4.984	96	99900	21.24	ug/l	89
20) Diisopropyl ether	5.894	45	296936	19.20	ug/l	96
21) 1,1-Dichloroethane	5.791	63	177828	19.06	ug/l	97
22) cis-1,2-Dichloroethene	6.775	96	115465	21.79	ug/l	82
23) tert-Butyl Alcohol	4.717	59	62795	100.61	ug/l #	100
24) Methyl tert-Butyl Ether	4.981	73	272757	20.81	ug/l #	87
25) Chloroform	7.322	83	182564	20.71	ug/l	98
26) Cyclohexane	7.608	56	143339	21.02	ug/l #	94
29) 1,1-Dichloropropene	7.749	75	133245	20.44	ug/l	95
30) 2-Butanone	6.778	43	269702	106.96	ug/l #	74
31) 2,2-Dichloropropane	6.772	77	150976	20.92	ug/l	94
32) 1,1,1-Trichloroethane	7.524	97	159842	20.63	ug/l	94
33) Carbon Tetrachloride	7.727	117	139144	19.88	ug/l	99
34) Benzene	7.997	78	423453	21.49	ug/l #	92
35) Methacrylonitrile	7.119	41	47328	19.18	ug/l	86
36) 1,2-Dichloroethane	8.084	62	132603	19.65	ug/l #	93
37) Trichloroethene	8.798	130	116363	21.65	ug/l	90
38) Methylcyclohexane	9.042	83	143505	18.46	ug/l	93
39) 1,2-Dichloropropane	9.081	63	105777	19.98	ug/l	96
40) Dibromomethane	9.171	93	71193	19.19	ug/l	87
41) Bromodichloromethane	9.367	83	143915	19.08	ug/l	98
42) Vinyl Acetate	5.840	43	1131949	94.16	ug/l #	95
43) Ethyl Acetate	6.875	43	114105	21.95	ug/l	97

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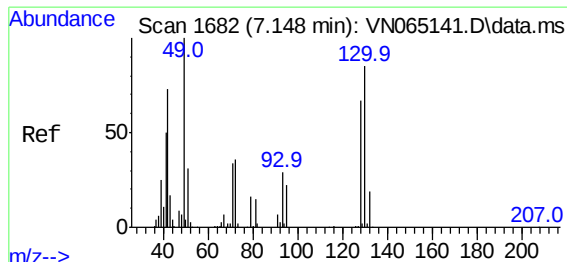
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Isopropyl Acetate	8.122	43	173174	19.91	ug/l #	67
45) 1,4-Dioxane	9.164	88	29886	378.09	ug/l	96
46) Methyl methacrylate	9.164	41	81234	18.36	ug/l	76
47) n-amy1 Acetate	12.042	43	133335	18.55	ug/l	91
48) t-1,3-Dichloropropene	10.351	75	147944	20.08	ug/l	98
49) cis-1,3-Dichloropropene	9.804	75	167673	20.03	ug/l #	83
50) 1,1,2-Trichloroethane	10.531	97	101066	20.99	ug/l	96
51) Ethyl methacrylate	10.396	69	125443	19.46	ug/l	79
52) 1,3-Dichloropropane	10.675	76	168697	21.13	ug/l	100
53) Dibromochloromethane	10.871	129	113667	20.38	ug/l	99
54) 1,2-Dibromoethane	10.974	107	104044	20.72	ug/l	97
55) 2-Chloroethyl vinyl ether	9.659	63	456887	139.94	ug/l	96
56) Bromoform	12.097	173	75547	19.92	ug/l #	97
58) 4-Methyl-2-Pentanone	9.949	43	525672	94.16	ug/l #	90
59) 2-Hexanone	10.720	43	381598	102.95	ug/l #	88
61) Tetrachloroethene	10.598	164	126939	22.78	ug/l	93
62) Toluene	10.122	91	454075	21.39	ug/l	98
64) Chlorobenzene	11.402	112	277778	20.99	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.479	131	102718	20.46	ug/l	98
66) Ethyl Benzene	11.482	91	462339	20.55	ug/l	95
67) m/p-Xylenes	11.592	106	367065	41.89	ug/l	91
68) o-Xylene	11.920	106	171603	20.72	ug/l	92
69) Styrene	11.936	104	276565	20.07	ug/l	95
70) Isopropylbenzene	12.222	105	451946	20.89	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	123164	19.64	ug/l	95
72) 1,2,3-Trichloropropane	12.524	75	166153	27.66	ug/l	65
73) Bromobenzene	12.498	156	117275	20.87	ug/l	81
74) n-propylbenzene	12.563	91	504509	20.44	ug/l	95
75) 2-Chlorotoluene	12.646	91	312565	20.81	ug/l	93
76) 1,3,5-Trimethylbenzene	12.704	105	375740	20.12	ug/l	92
77) t-1,4-Dichloro-2-butene	12.270	75	41180	19.41	ug/l	87
78) 4-Chlorotoluene	12.746	91	318111	20.74	ug/l	94
79) tert-butylbenzene	12.965	119	306867	19.58	ug/l	92
80) 1,2,4-Trimethylbenzene	13.010	105	378709	20.45	ug/l	99
81) sec-Butylbenzene	13.145	105	414356	20.37	ug/l	99
82) p-Isopropyltoluene	13.260	119	372128	19.47	ug/l	96
83) 1,3-Dichlorobenzene	13.254	146	200611	20.04	ug/l	97
84) 1,4-Dichlorobenzene	13.334	146	192600	18.38	ug/l	95
85) n-Butylbenzene	13.585	91	299734	17.77	ug/l	98
86) Hexachloroethane	13.846	117	63902	17.40	ug/l	83
87) 1,2-Dichlorobenzene	13.624	146	185800	17.89	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.241	75	22066	18.04	ug/l	85
89) 1,2,4-Trichlorobenzene	14.881	180	74225	15.87	ug/l	96
90) Hexachlorobutadiene	14.977	225	56303	19.07	ug/l	98
91) Naphthalene	15.103	128	187035	14.18	ug/l	99
92) 1,2,3-Trichlorobenzene	15.283	180	69051	15.67	ug/l	96

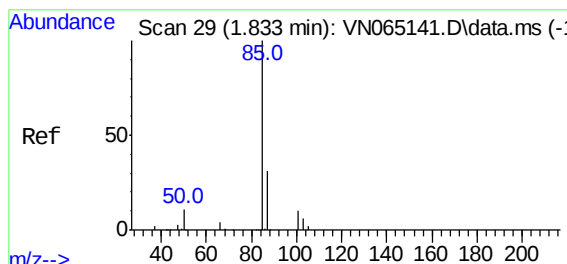
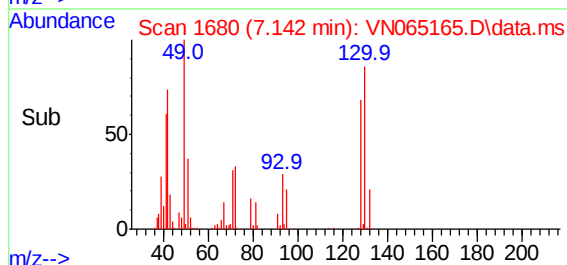
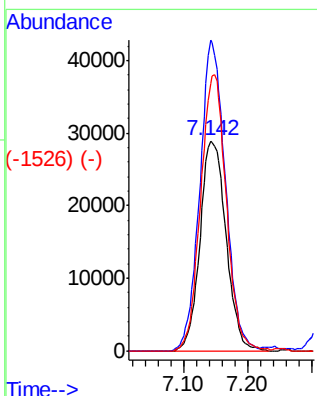
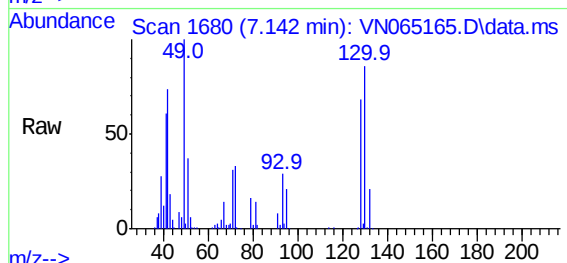
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Bromochloromethane
Concen: 30.00 ug/l
RT: 7.142 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VN065165.D
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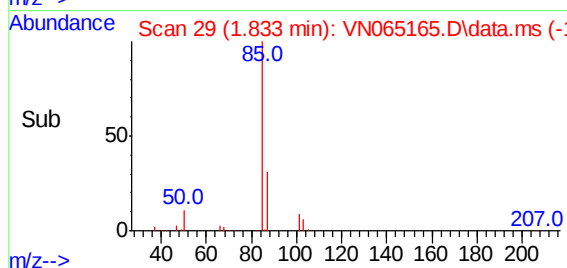
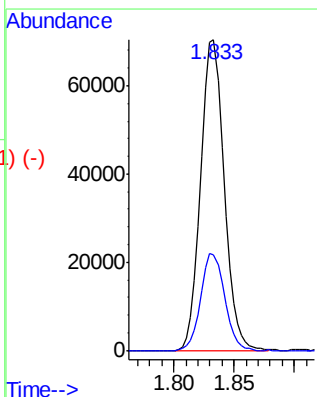
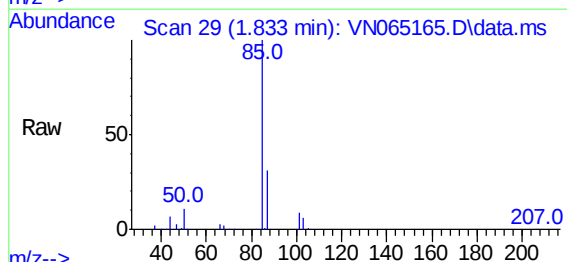
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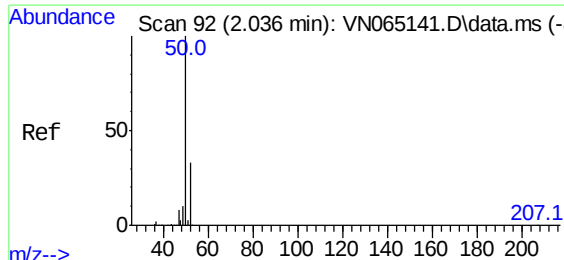
Tgt Ion:	128	Resp:	81201
Ion Ratio	Lower	Upper	
128	100		
49	144.6	0.0	475.5
130	129.6	0.0	315.3



Dichlorodifluoromethane
Concen: 20.18 ug/l
RT: 1.833 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:	85	Resp:	92917
Ion Ratio	Lower	Upper	
85	100		
87	31.0	17.0	50.9

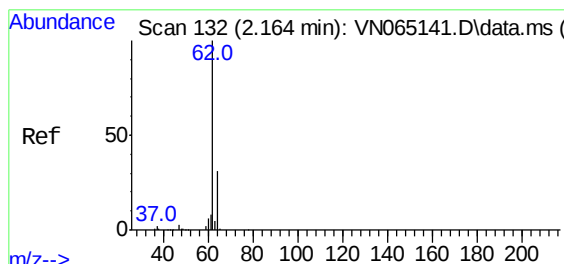
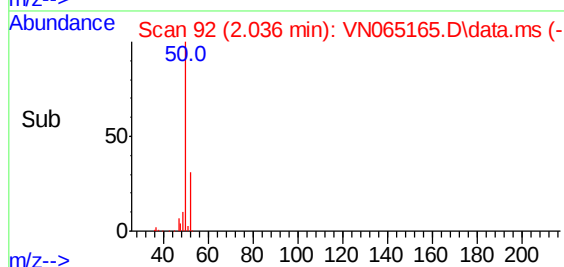
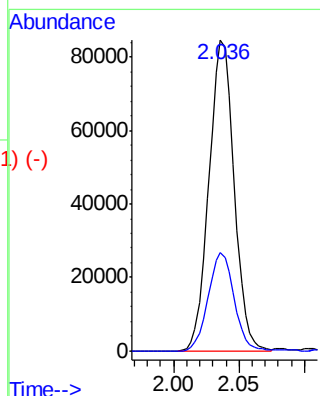
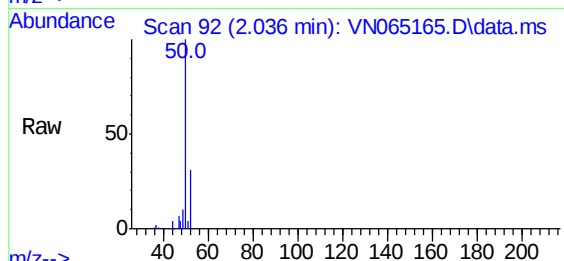




Chloromethane
Concen: 21.24 ug/l
RT: 2.036 min Scan# 92
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

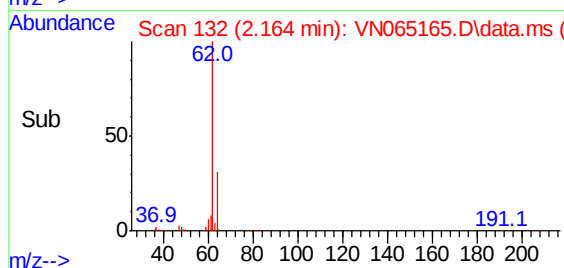
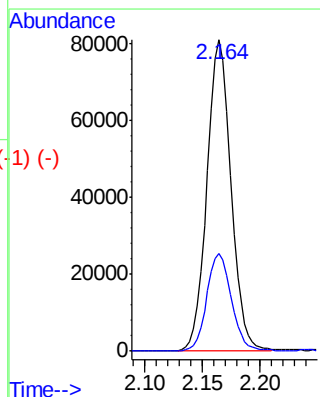
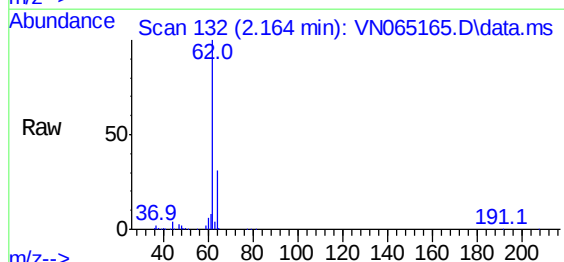
Instrument :
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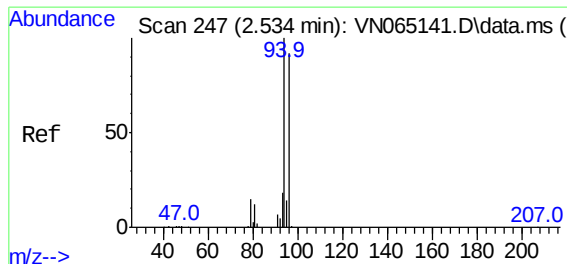
Tgt Ion: 50 Resp: 112617
Ion Ratio Lower Upper
50 100
52 31.4 26.0 39.0



Vinyl Chloride
Concen: 19.85 ug/l
RT: 2.164 min Scan# 132
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 62 Resp: 115965
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.8

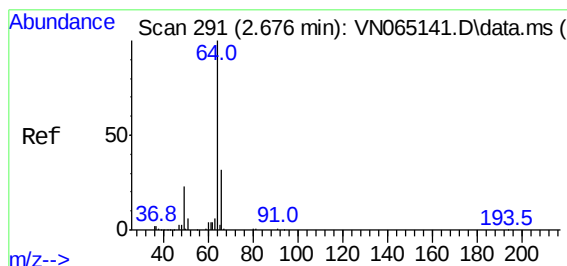
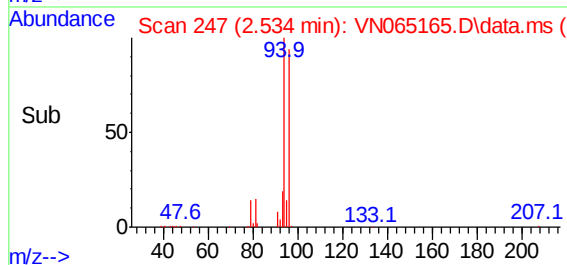
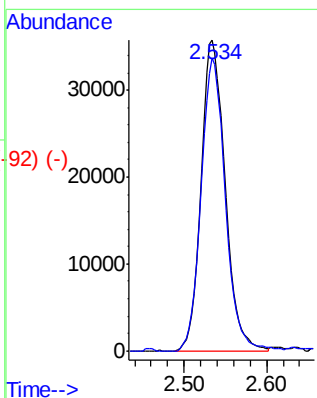
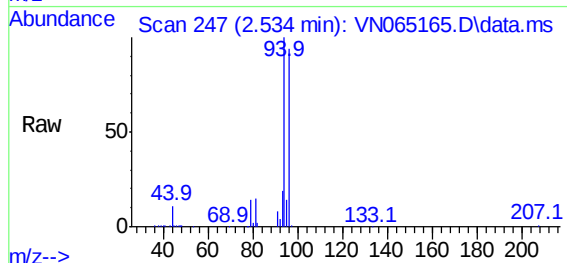




Bromomethane
 Concen: 17.52 ug/l
 RT: 2.534 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

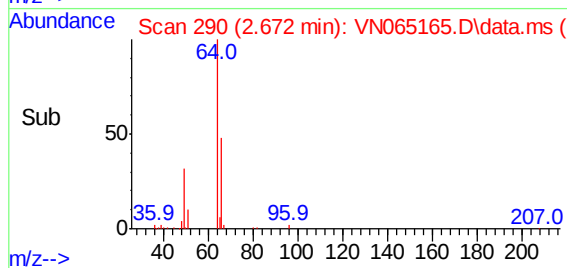
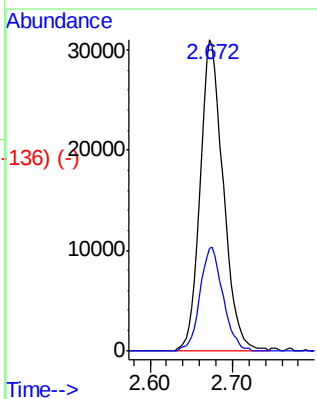
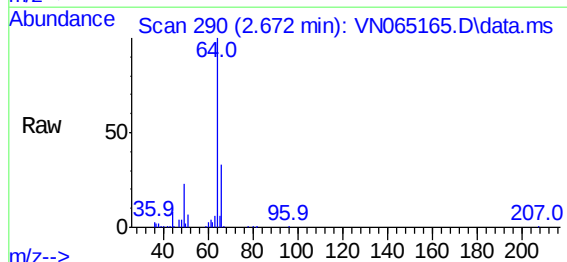
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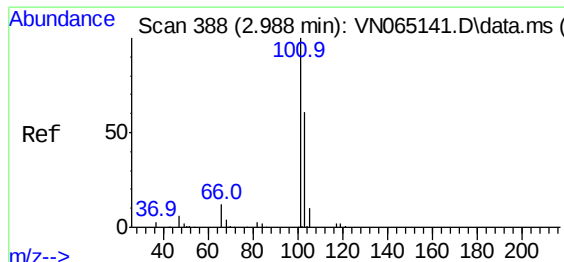
Tgt Ion: 94 Resp: 71866
 Ion Ratio Lower Upper
 94 100
 96 94.2 79.3 118.9



Chloroethane
 Concen: 17.27 ug/l
 RT: 2.672 min Scan# 290
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion: 64 Resp: 60110
 Ion Ratio Lower Upper
 64 100
 66 32.9 26.0 39.0

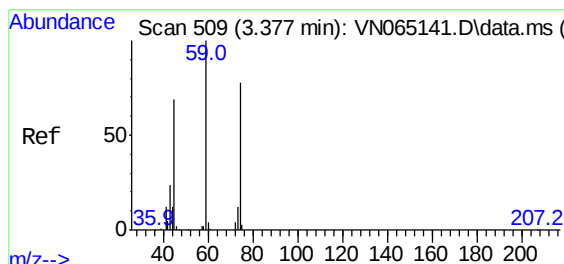
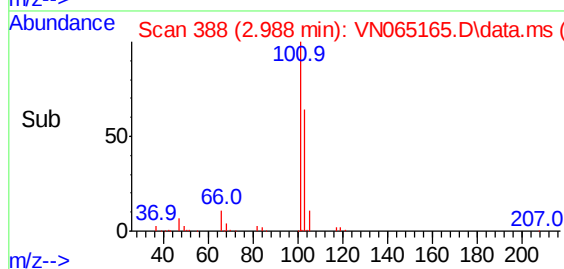
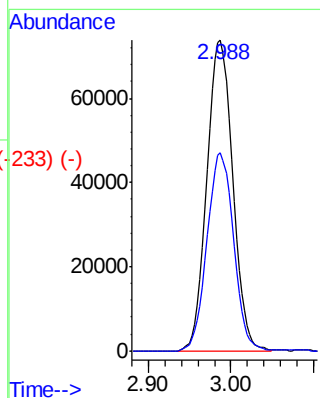
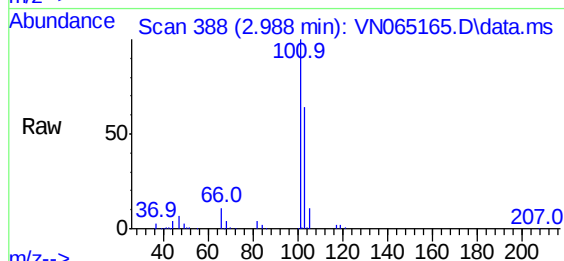




Trichlorofluoromethane
 Concen: 18.59 ug/l
 RT: 2.988 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

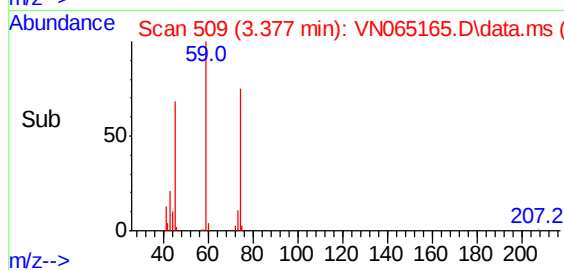
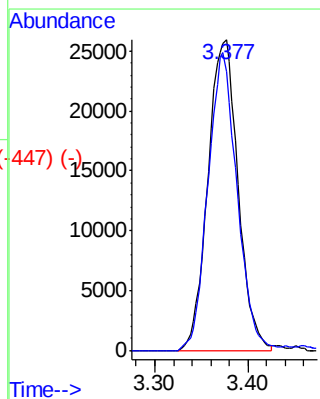
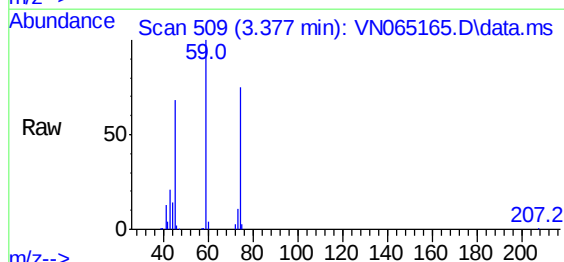
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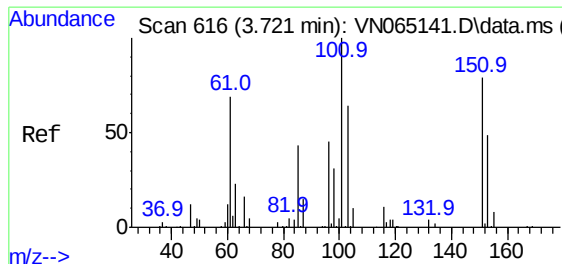
Tgt Ion:101 Resp: 160637
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.3 73.9



Diethyl Ether
 Concen: 21.12 ug/l
 RT: 3.377 min Scan# 509
 Delta R.T. -0.000 min
 Lab File: VN065165.D
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Tgt Ion: 74 Resp: 58296
 Ion Ratio Lower Upper
 74 100
 45 93.1 22.1 198.5



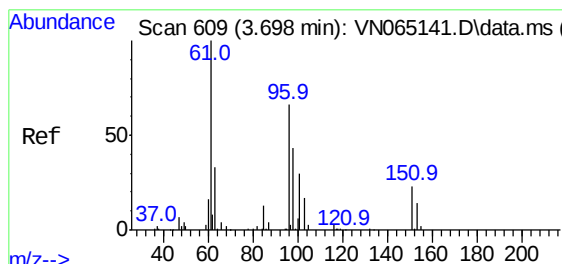
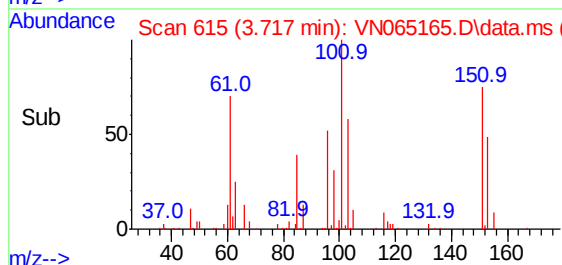
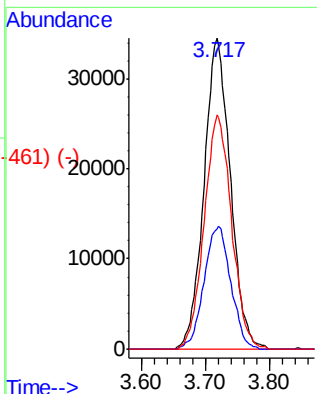
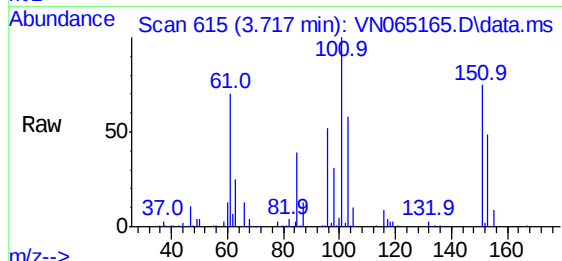


1,1,2-Trichlorotrifluoroethane
 Concen: 22.00 ug/l
 RT: 3.717 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Instrument :
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Tgt Ion:101 Resp: 98129

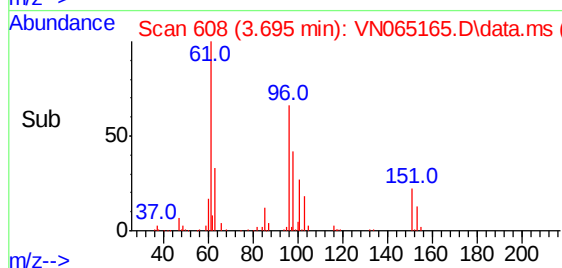
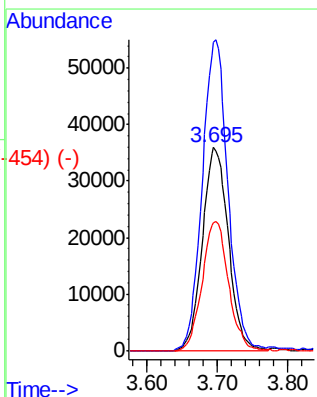
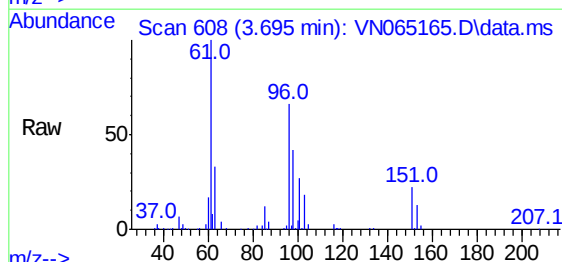
Ion	Ratio	Lower	Upper
101	100		
85	40.0	0.0	49.0
151	78.3	0.0	80.2

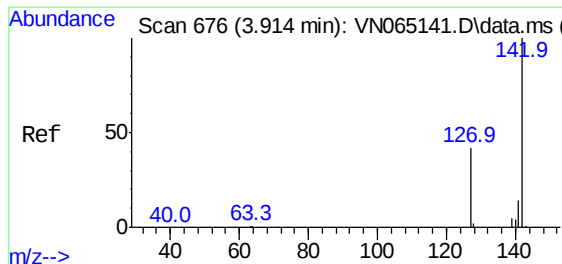


1,1-Dichloroethene
 Concen: 21.26 ug/l
 RT: 3.695 min Scan# 608
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion: 96 Resp: 91998

Ion	Ratio	Lower	Upper
96	100		
61	151.4	149.2	223.8
98	63.3	49.6	74.4

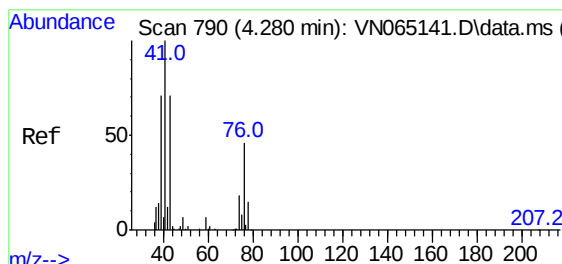
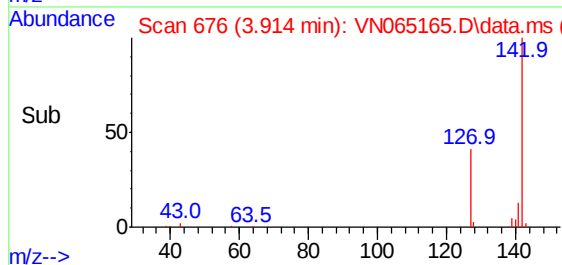
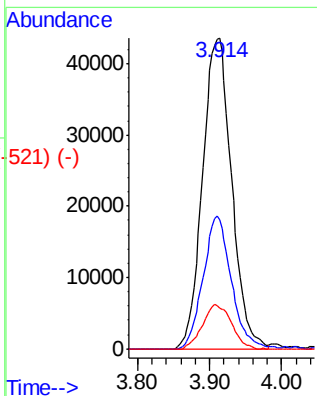
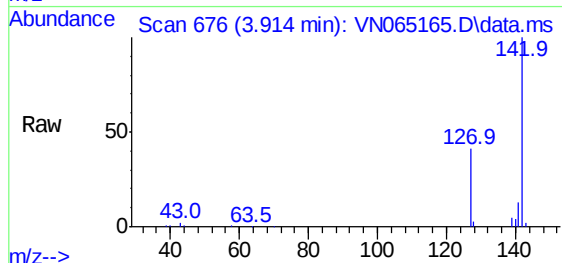




#11 (-)
Methyl Iodide
Concen: 20.22 ug/l
RT: 3.914 min Scan# 676
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

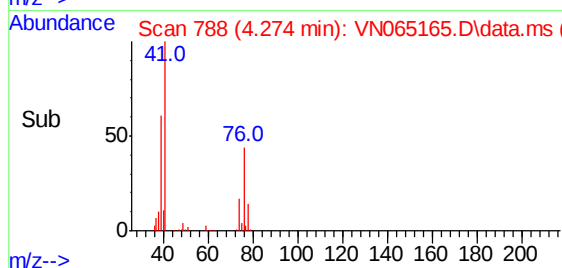
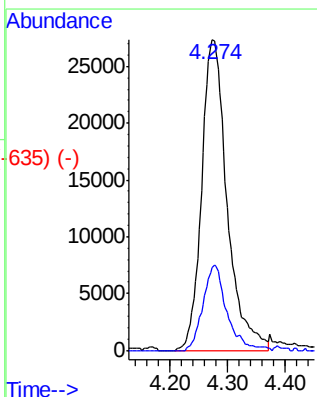
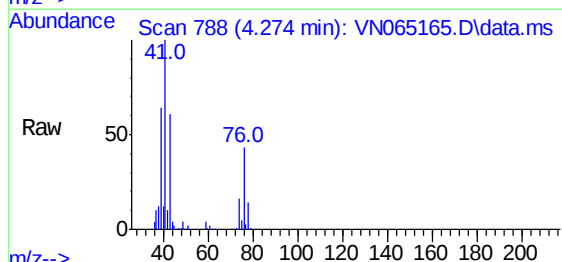
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

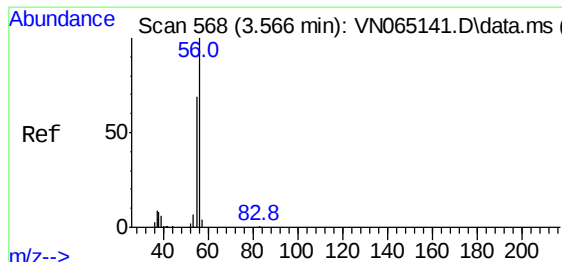
Tgt Ion:142 Resp: 121617
Ion Ratio Lower Upper
142 100
127 41.3 24.7 74.1
141 13.0 7.8 23.3



#12 (-)
Methyl Acetate
Concen: 21.19 ug/l
RT: 4.274 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 43 Resp: 83465
Ion Ratio Lower Upper
43 100
74 26.7 17.7 26.5#

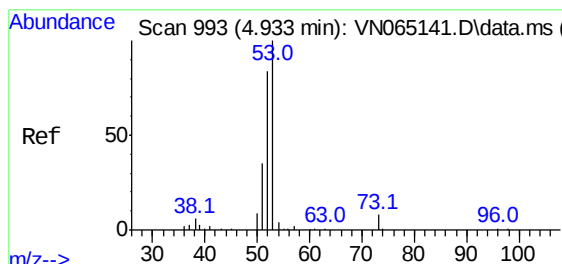
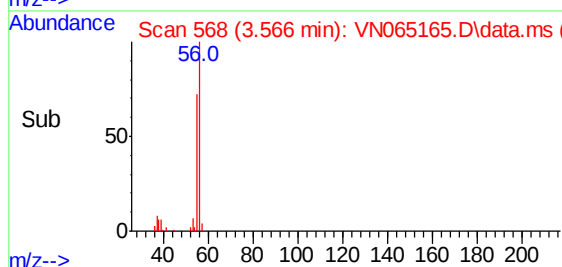
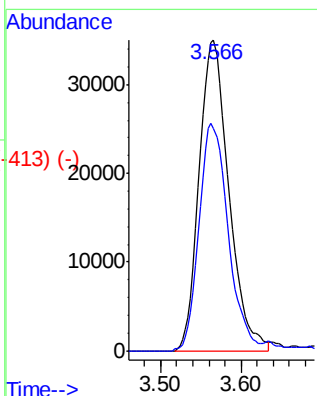
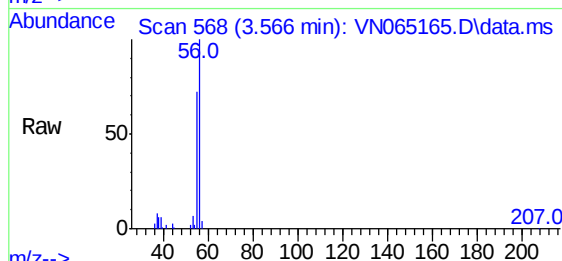




Acrolein
Concen: 156.79 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

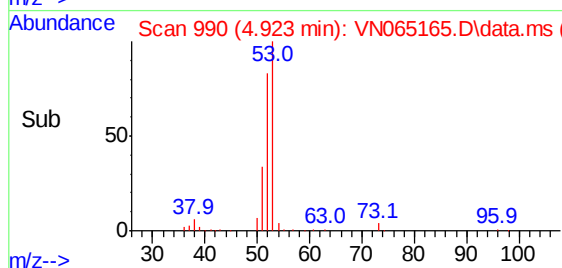
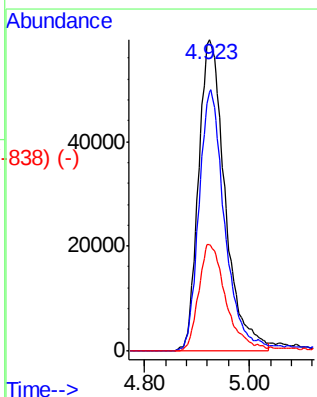
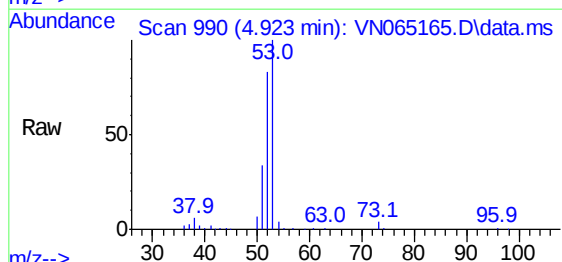
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

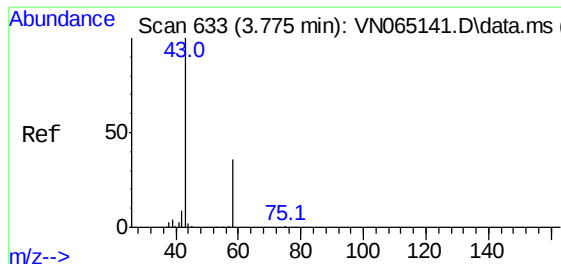
Tgt Ion: 56 Resp: 87349
Ion Ratio Lower Upper
56 100
55 71.9 58.2 87.2



Acrylonitrile
Concen: 107.28 ug/l
RT: 4.923 min Scan# 990
Delta R.T. -0.010 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 53 Resp: 207100
Ion Ratio Lower Upper
53 100
52 80.0 41.3 124.1
51 34.4 18.9 56.5



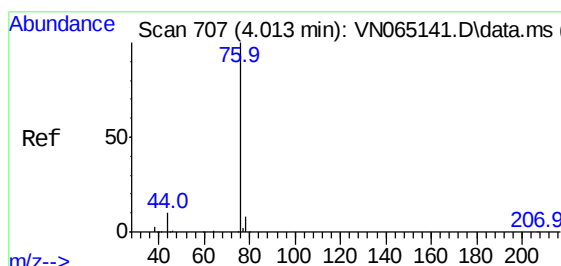
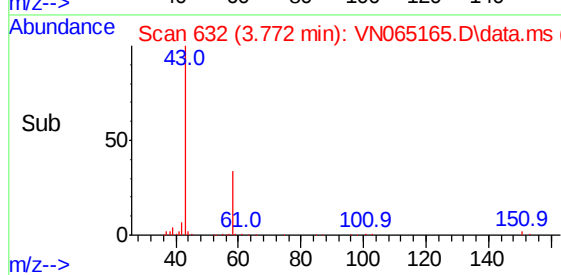
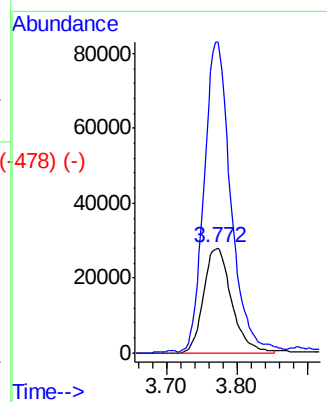
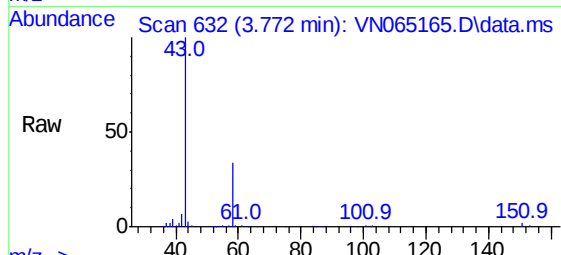


Acetone
 Concen: 127.30 ug/l
 RT: 3.772 min Scan# 632
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC020

Tgt Ion: 58 Resp: 77150

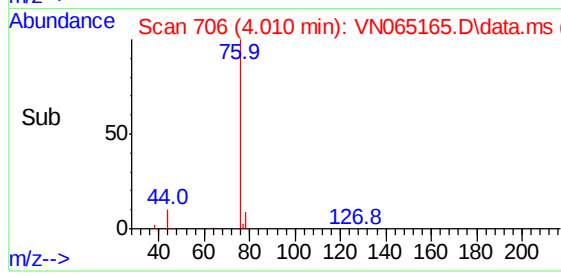
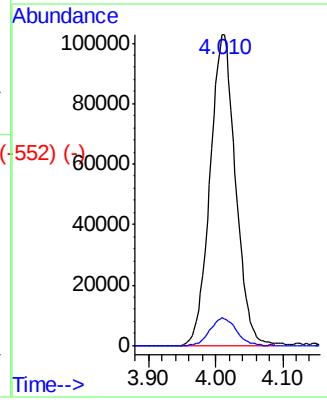
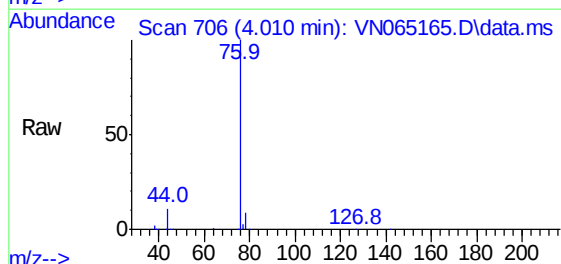
Ion	Ratio	Lower	Upper
58	100		
43	293.8	289.8	434.8

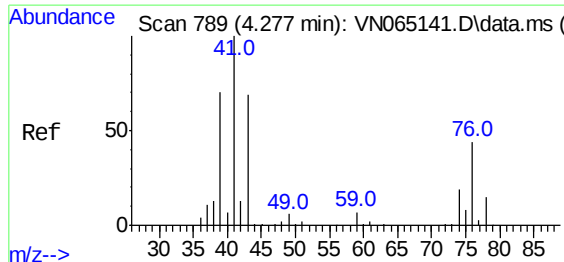


Carbon Disulfide
 Concen: 21.27 ug/l
 RT: 4.010 min Scan# 706
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion: 76 Resp: 270819

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4



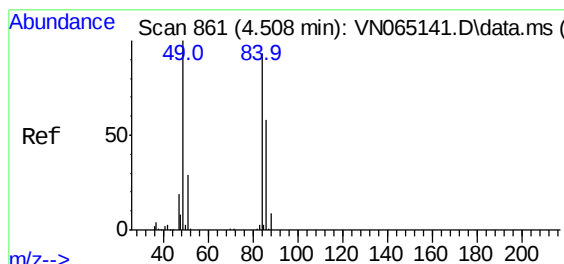
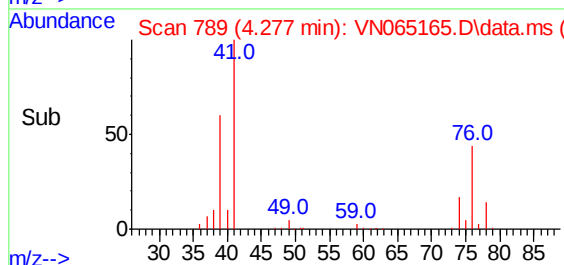
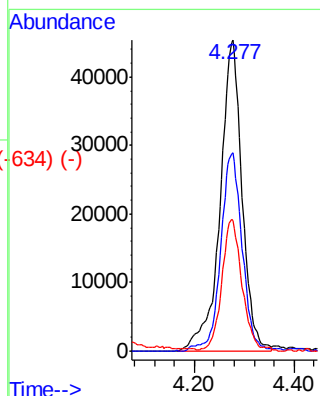
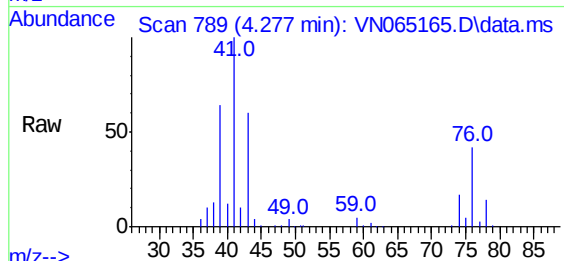


Allyl chloride
Concen: 22.07 ug/l
RT: 4.277 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 138357

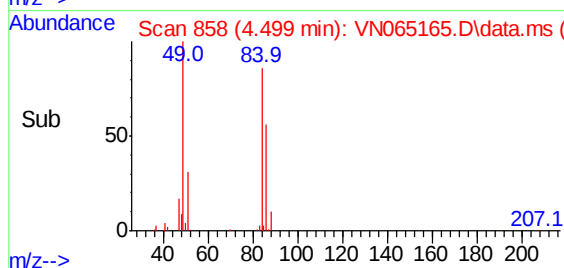
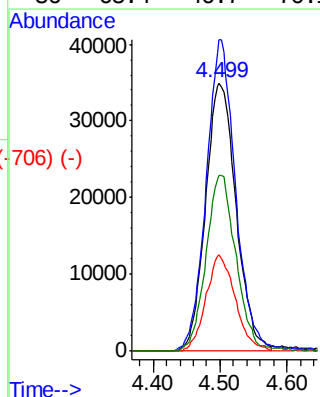
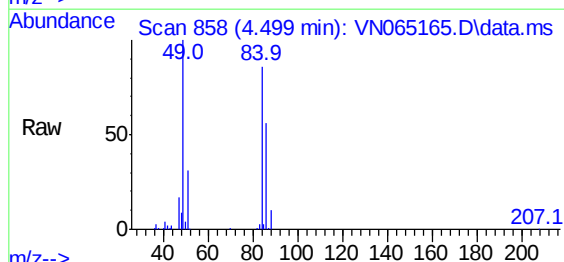
Ion	Ratio	Lower	Upper
41	100		
39	63.8	40.3	120.8
76	41.1	16.8	50.3

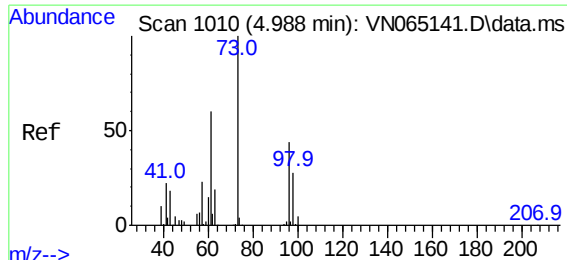


Methylene Chloride
Concen: 21.60 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.010 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 84 Resp: 109971

Ion	Ratio	Lower	Upper
84	100		
49	115.2	102.1	153.1
51	35.7	32.6	48.8
86	65.4	46.7	70.1

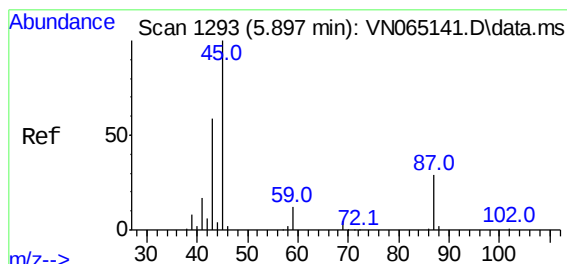
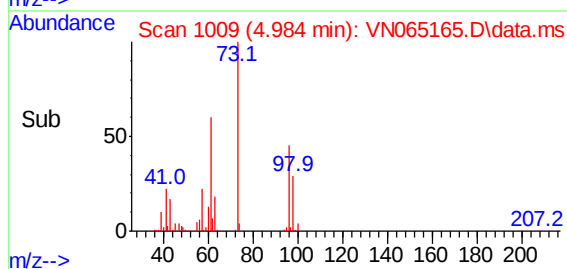
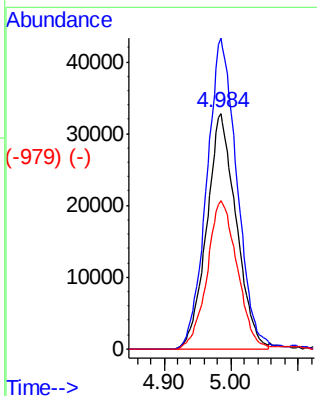
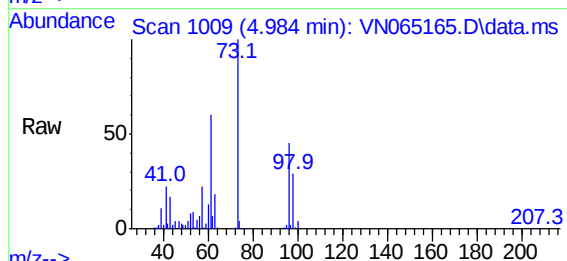




(-979) (-)
trans-1,2-Dichloroethene
Concen: 21.24 ug/l
RT: 4.984 min Scan# 1009
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

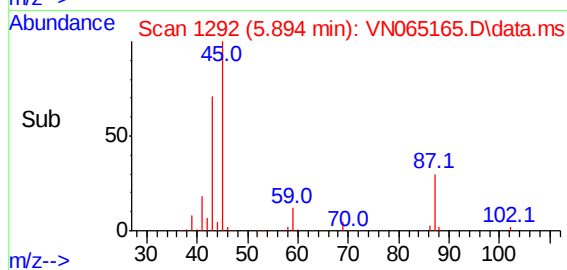
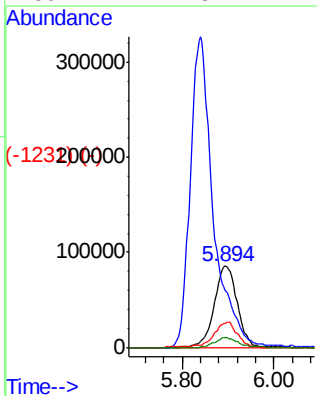
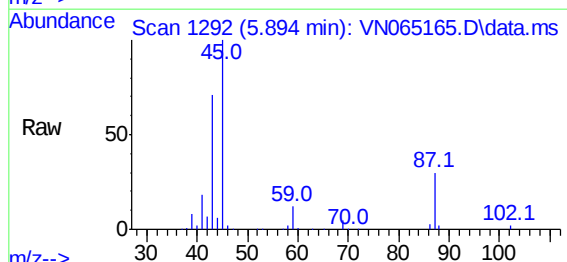
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

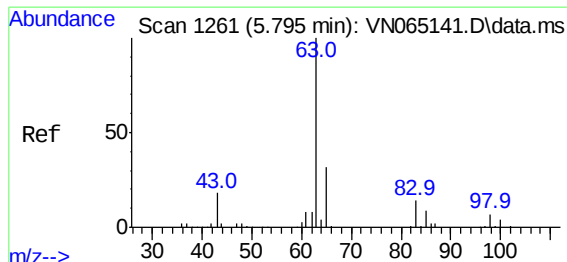
Tgt Ion: 96 Resp: 99900
Ion Ratio Lower Upper
96 100
61 131.9 120.1 180.1
98 63.0 49.1 73.7



(-1201) (-)
Diisopropyl ether
Concen: 19.20 ug/l
RT: 5.894 min Scan# 1292
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 45 Resp: 296936
Ion Ratio Lower Upper
45 100
43 68.4 53.1 79.7
87 29.7 21.0 31.6
59 12.2 8.2 12.4

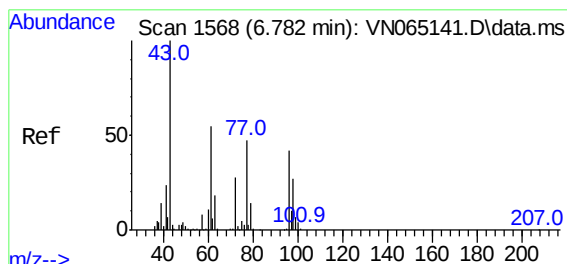
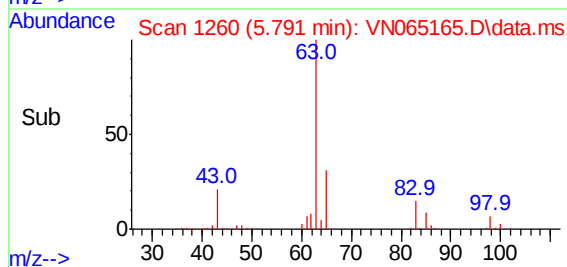
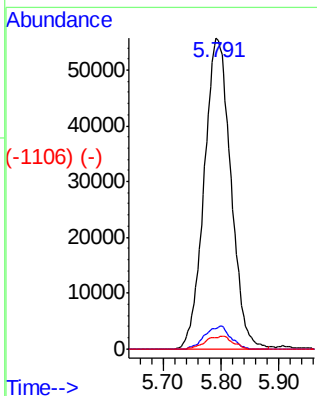
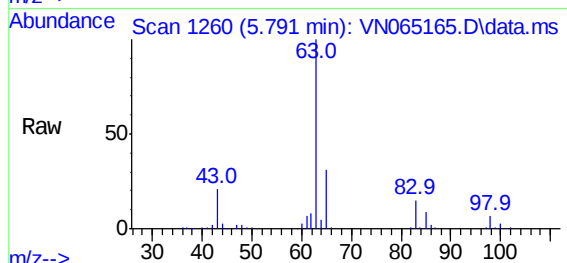




#219 (-)
1,1-Dichloroethane
Concen: 19.06 ug/l
RT: 5.791 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

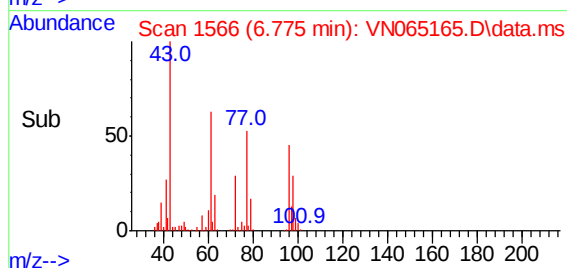
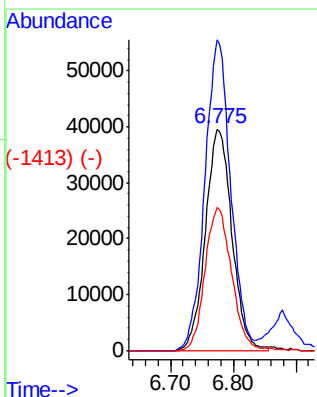
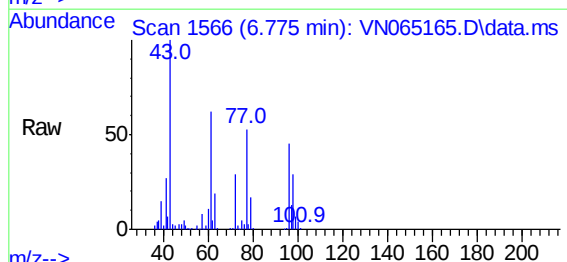
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

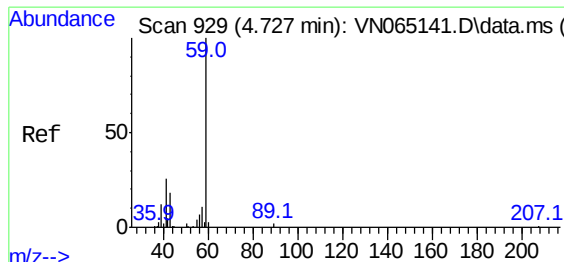
Tgt Ion: 63 Resp: 177828
Ion Ratio Lower Upper
63 100
98 6.6 2.6 8.0
100 3.5 1.7 5.1



#227 (-)
cis-1,2-Dichloroethene
Concen: 21.79 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 96 Resp: 115465
Ion Ratio Lower Upper
96 100
61 136.4 136.1 204.1
98 64.3 51.8 77.8

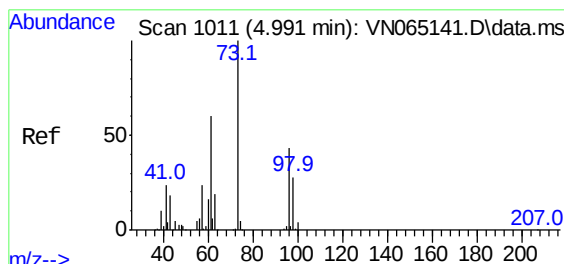
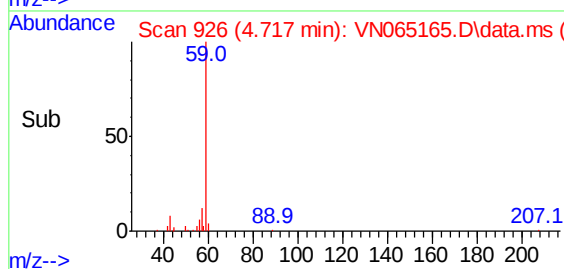
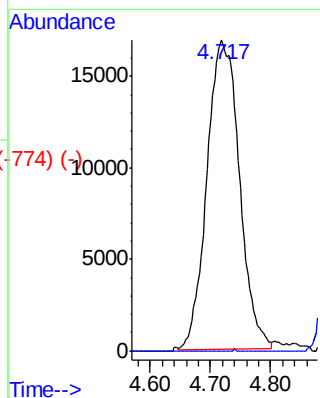
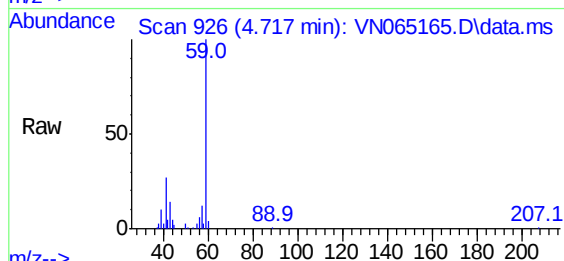




tert-Butyl Alcohol
 Concen: 100.61 ug/l
 RT: 4.717 min Scan# 926
 Delta R.T. -0.010 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

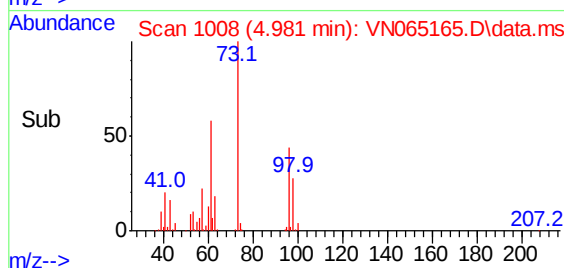
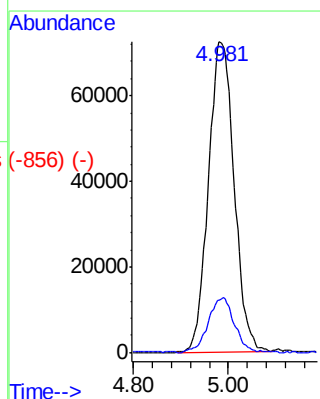
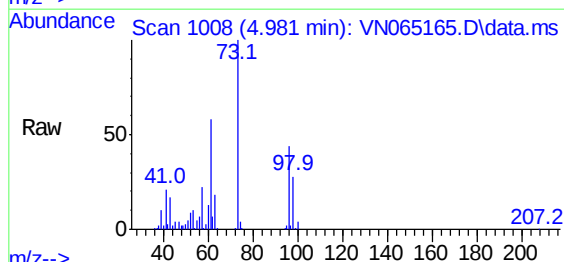
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

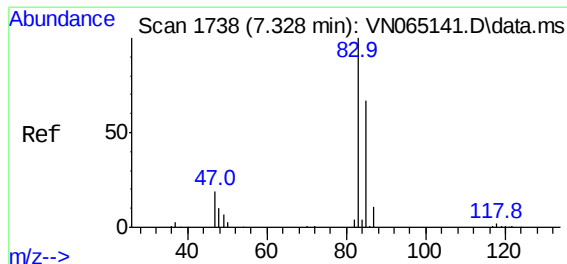
Tgt Ion: 59 Resp: 62795
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



Methyl tert-Butyl Ether
 Concen: 20.81 ug/l
 RT: 4.981 min Scan# 1008
 Delta R.T. -0.010 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion: 73 Resp: 272757
 Ion Ratio Lower Upper
 73 100
 43 17.8 10.2 15.2#

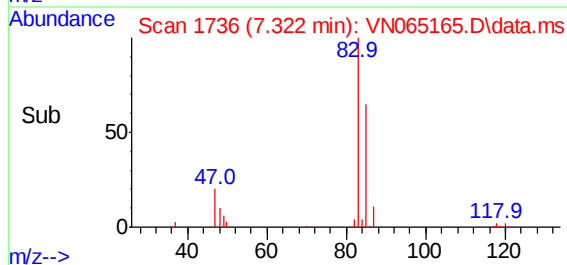
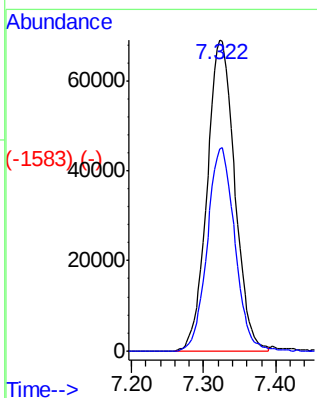
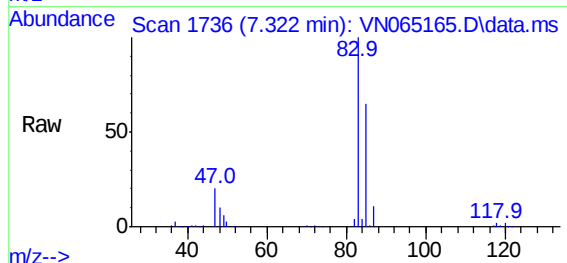




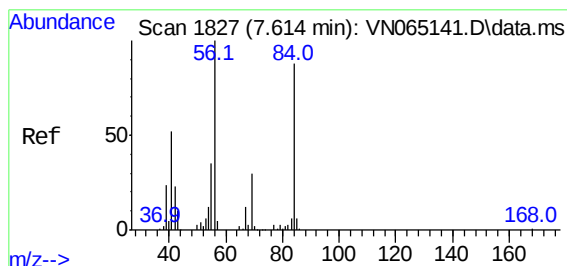
#259 (-)
Chloroform
Concen: 20.71 ug/l
RT: 7.322 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 182564
Ion Ratio Lower Upper
83 100
85 65.0 50.6 75.8

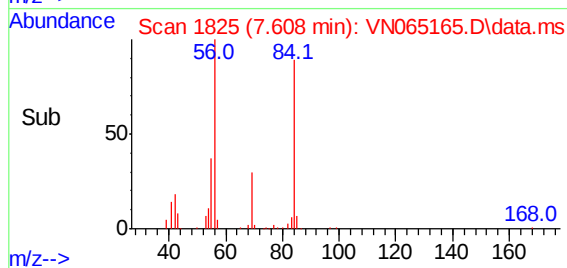
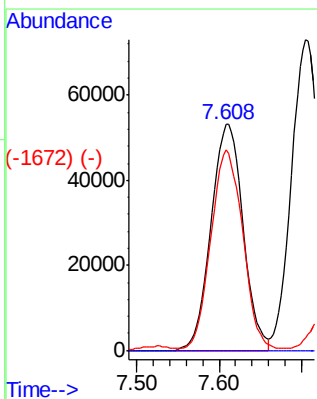
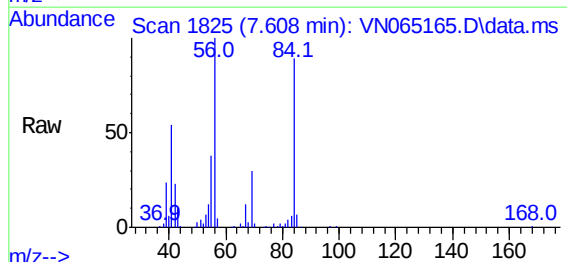


(-1583) (-)

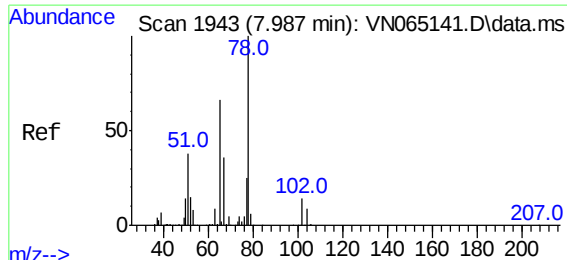


#266 (-)
Cyclohexane
Concen: 21.02 ug/l
RT: 7.608 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 56 Resp: 143339
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 88.3 66.1 99.1



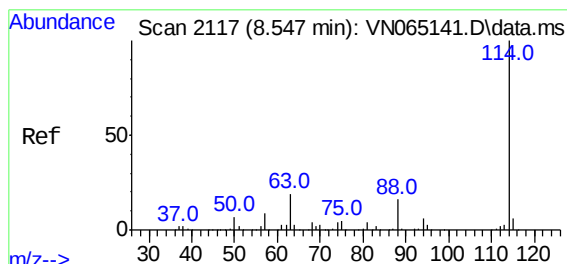
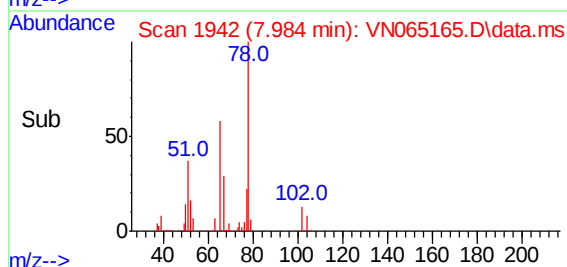
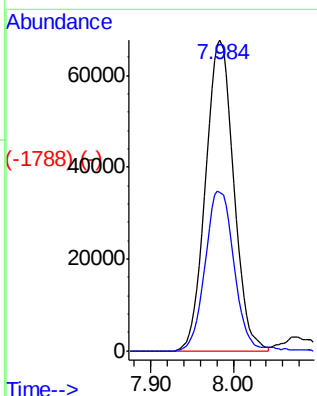
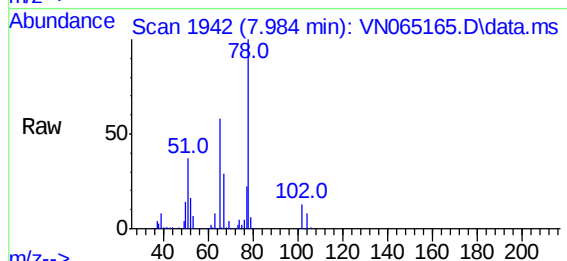
(-1672) (-)



#1975 (-)
1,2-Dichloroethane-d4
Concen: 28.64 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

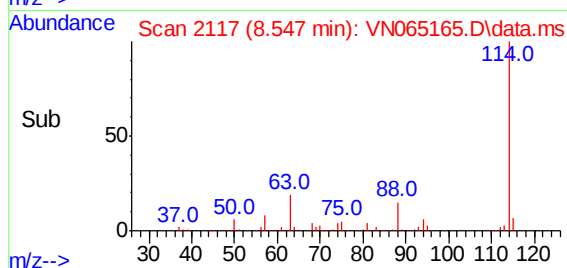
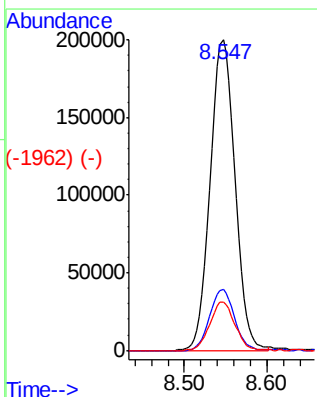
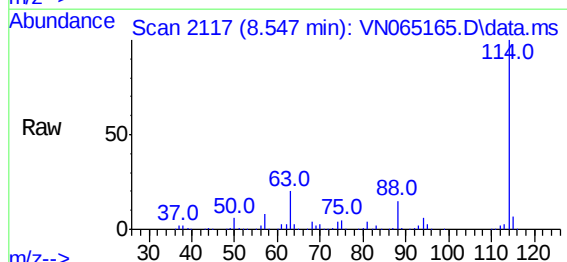
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

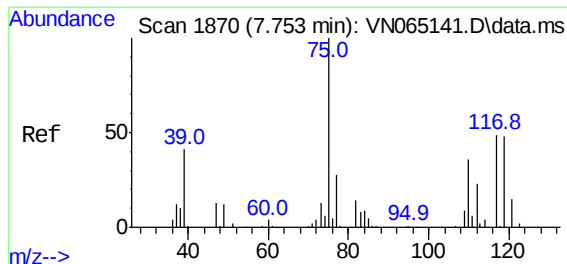
Tgt Ion: 65 Resp: 159176
Ion Ratio Lower Upper
65 100
67 52.4 41.1 61.7



#2261 (-)
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:114 Resp: 414175
Ion Ratio Lower Upper
114 100
63 19.5 18.5 27.7
88 15.6 13.0 19.6

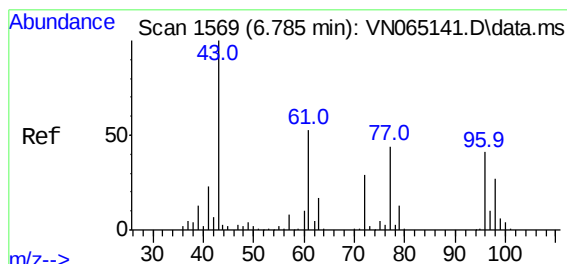
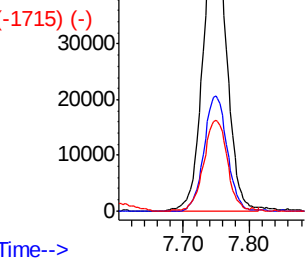
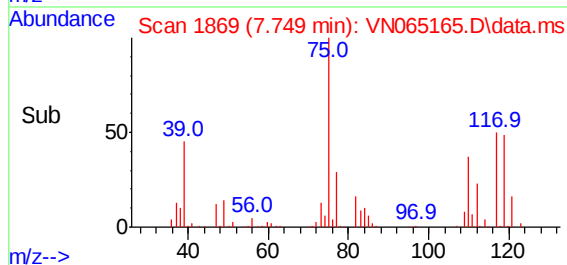
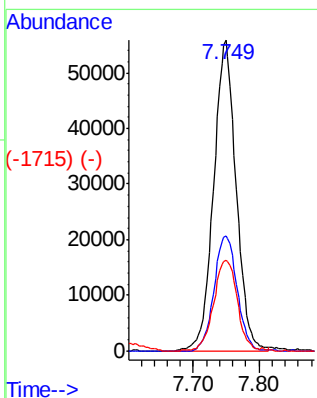
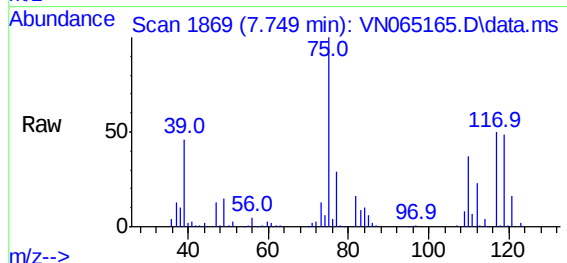




#189 (-)
1,1-Dichloropropene
Concen: 20.44 ug/l
RT: 7.749 min Scan# 1869
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

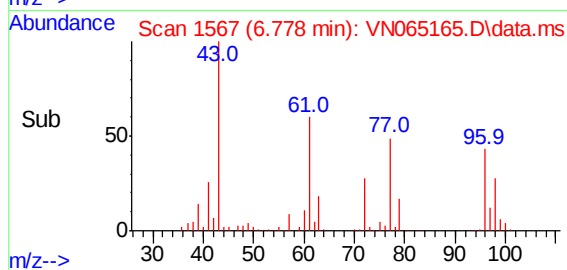
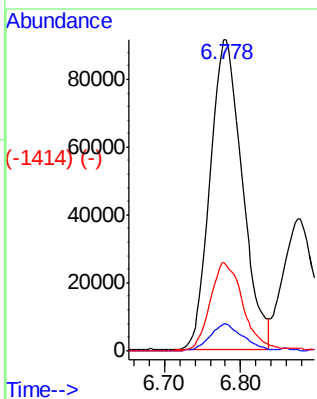
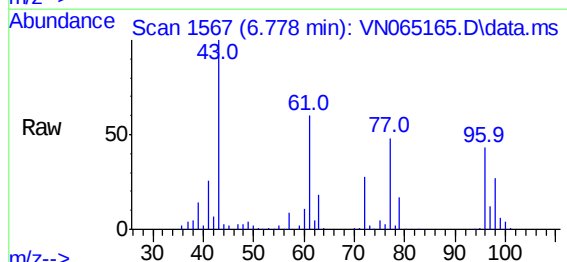
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

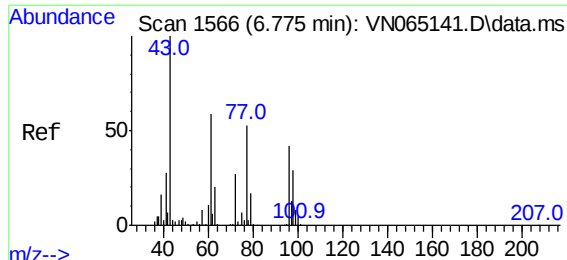
Tgt Ion: 75 Resp: 133245
Ion Ratio Lower Upper
75 100
110 37.8 0.0 66.4
77 30.0 0.0 62.0



#190 (-)
2-Butanone
Concen: 106.96 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 43 Resp: 269702
Ion Ratio Lower Upper
43 100
57 8.5 6.2 9.4
72 28.8 9.9 14.9#

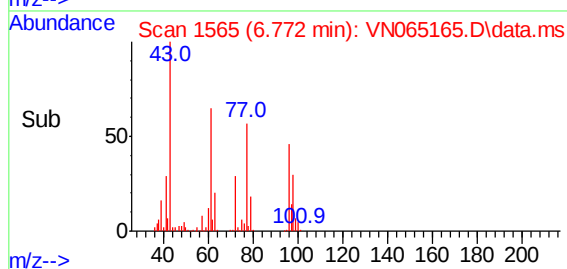
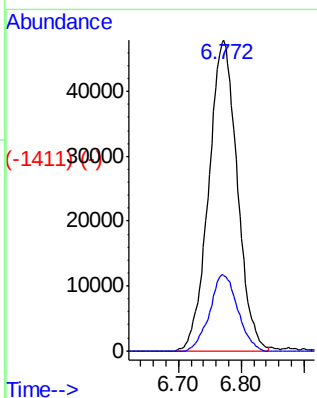
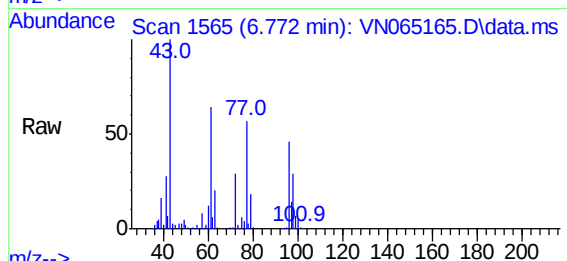




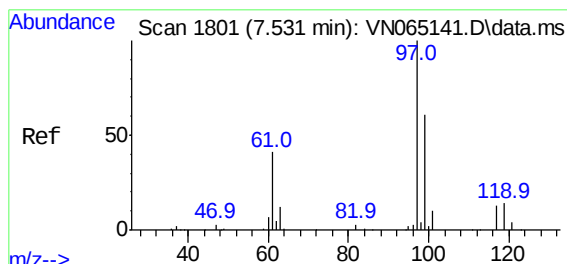
#13 (-)
2,2-Dichloropropane
Concen: 20.92 ug/l
RT: 6.772 min Scan# 1565
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 150976
Ion Ratio Lower Upper
77 100
97 24.0 16.9 25.3

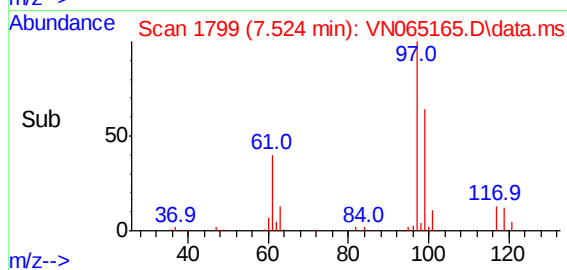
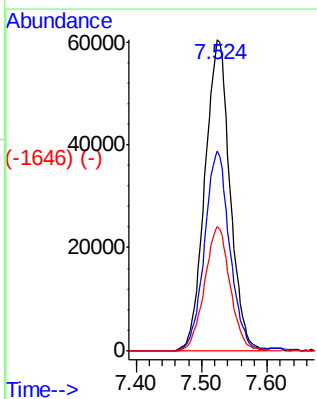
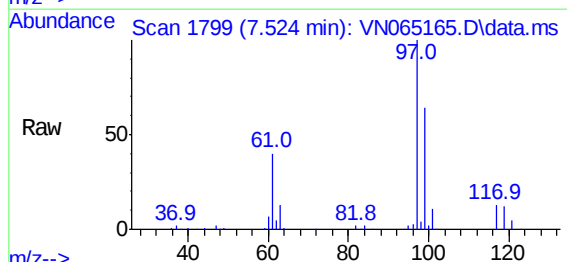


#141 (-)

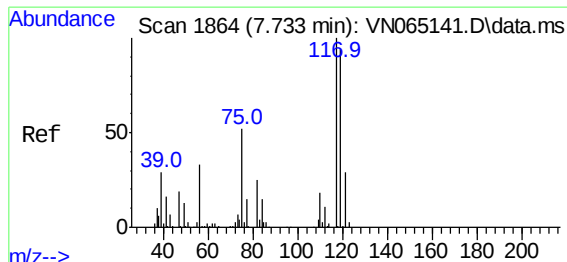


#132 (-)
1,1,1-Trichloroethane
Concen: 20.63 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 97 Resp: 159842
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 40.2 39.4 59.0



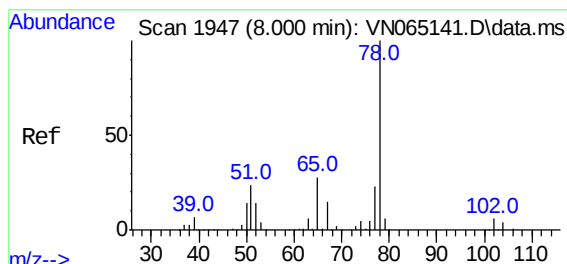
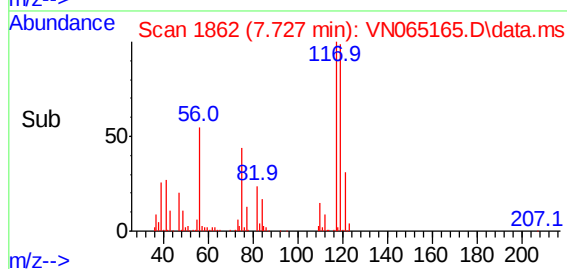
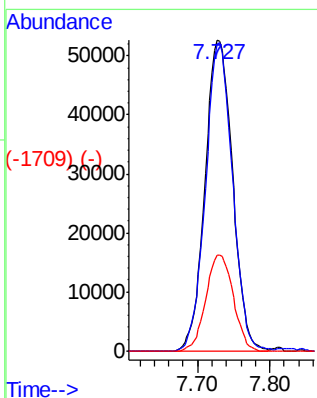
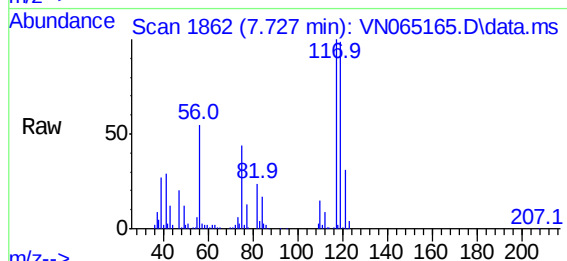
#1646 (-)



#34 (-)
Carbon Tetrachloride
Concen: 19.88 ug/l
RT: 7.727 min Scan# 1862
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

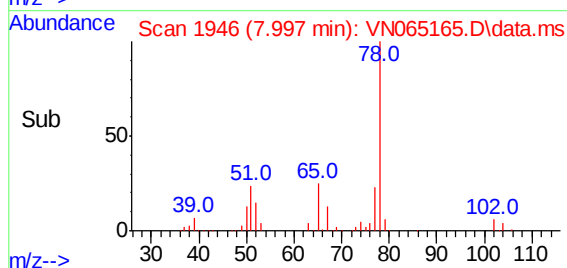
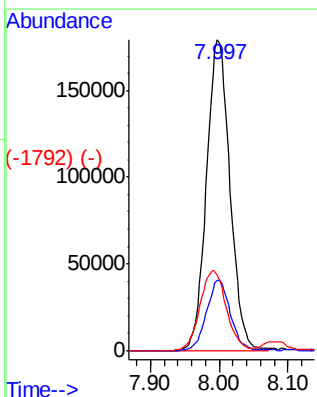
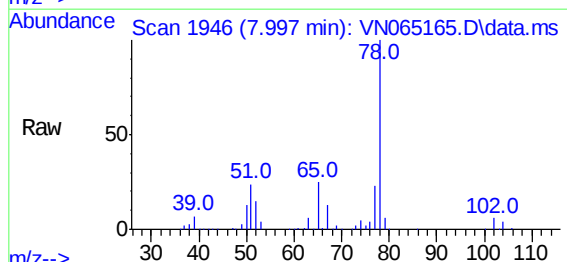
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

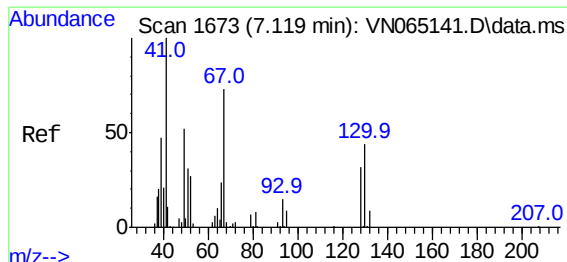
Tgt Ion:117 Resp: 139144
Ion Ratio Lower Upper
117 100
119 98.9 77.9 116.9
121 30.8 24.0 36.0



#37 (-)
Benzene
Concen: 21.49 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 78 Resp: 423453
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3
51 24.1 24.6 36.8#



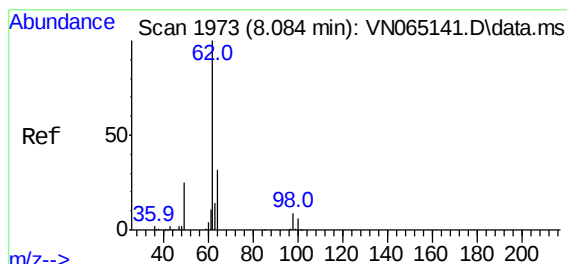
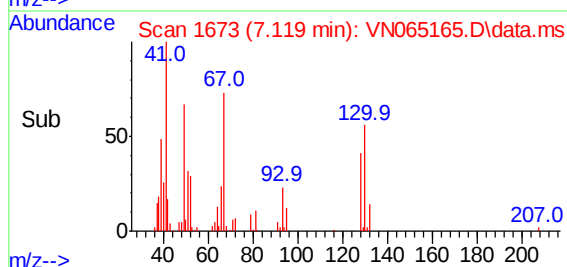
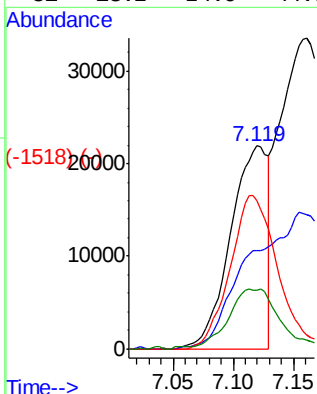
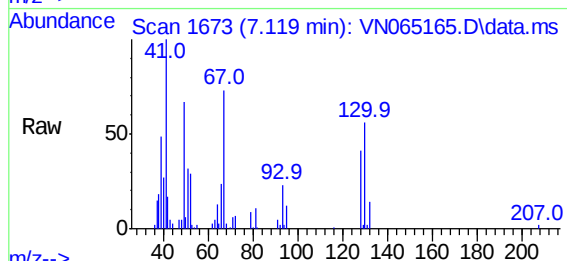


#185 (-)
Methacrylonitrile
Concen: 19.18 ug/l
RT: 7.119 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 47328

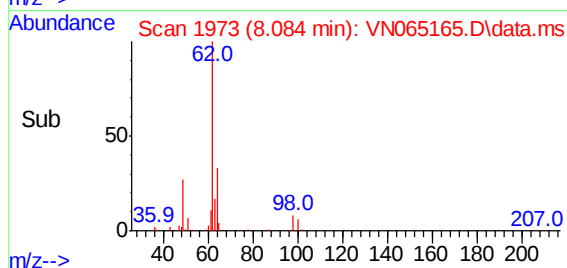
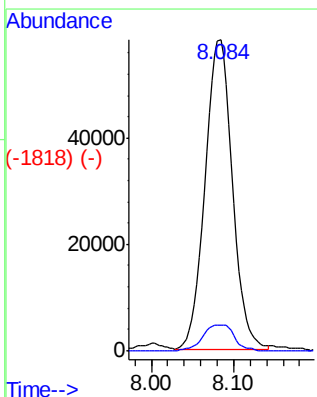
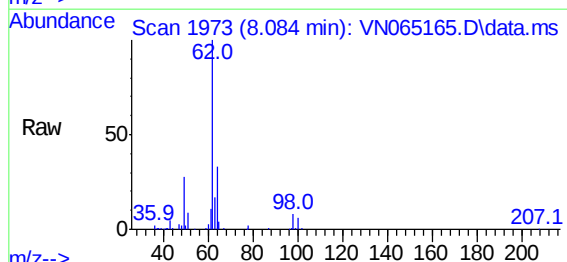
Ion	Ratio	Lower	Upper
41	100		
39	48.5	30.0	90.1
67	72.7	29.2	87.6
52	28.2	14.9	44.9

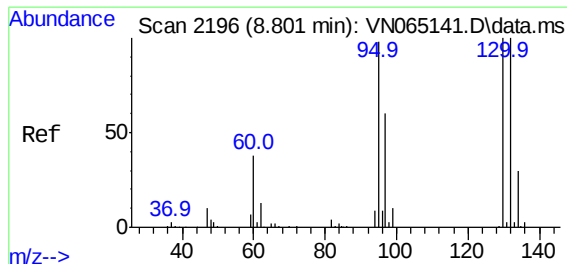


#186 (-)
1,2-Dichloroethane
Concen: 19.65 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 62 Resp: 132603

Ion	Ratio	Lower	Upper
62	100		
98	9.5	5.5	8.3#

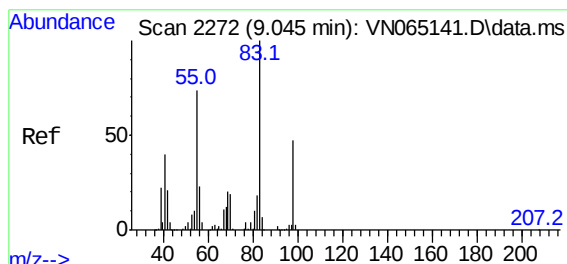
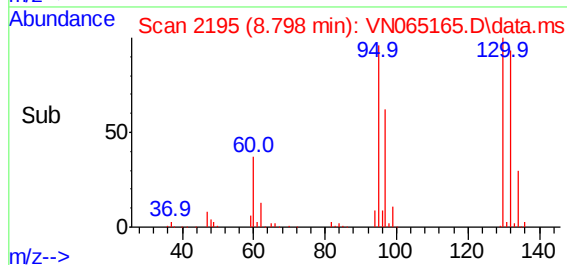
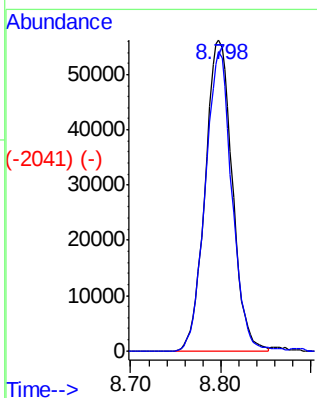
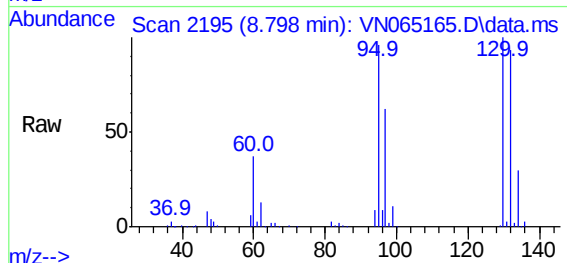




#2370 (-)
Trichloroethene
Concen: 21.65 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

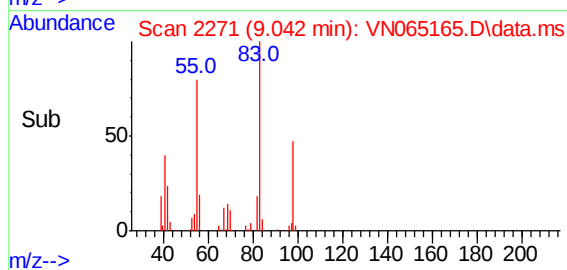
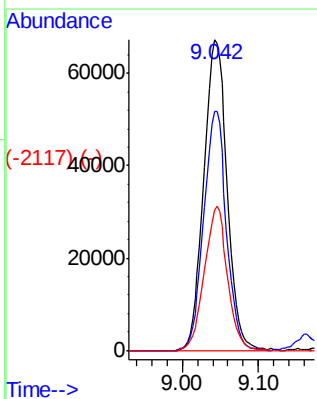
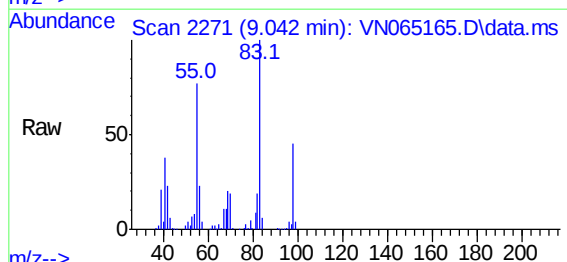
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

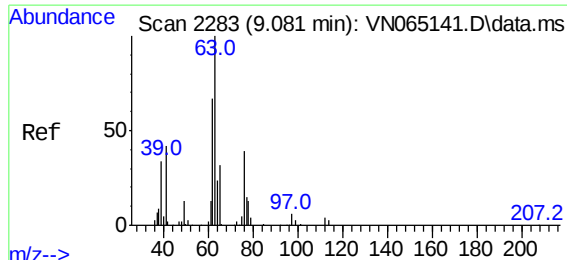
Tgt Ion:130 Resp: 116363
Ion Ratio Lower Upper
130 100
95 96.5 85.1 127.7



#2384 (-)
Methylcyclohexane
Concen: 18.46 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 83 Resp: 143505
Ion Ratio Lower Upper
83 100
55 74.7 42.0 126.1
98 45.6 22.5 67.5

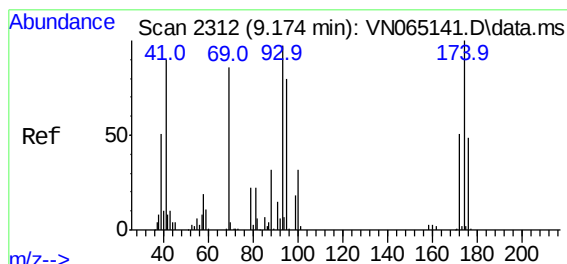
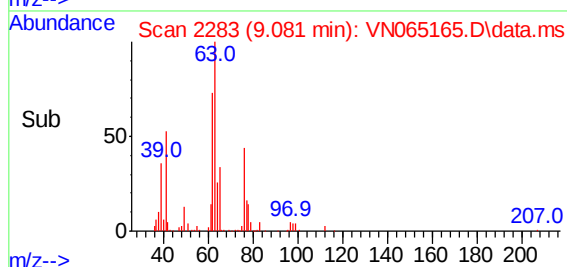
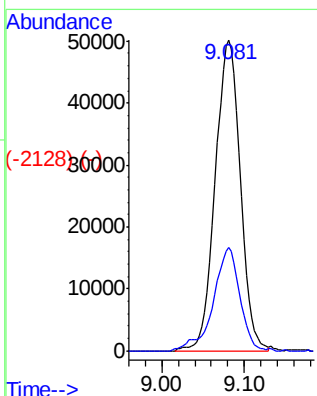
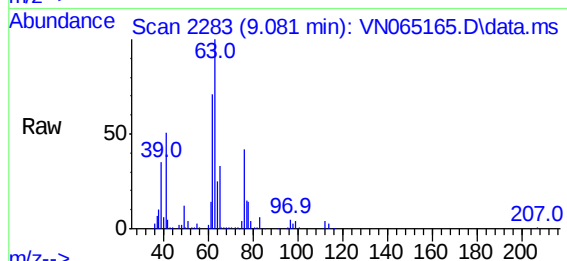




#2283 (-)
1,2-Dichloropropane
Concen: 19.98 ug/l
RT: 9.081 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

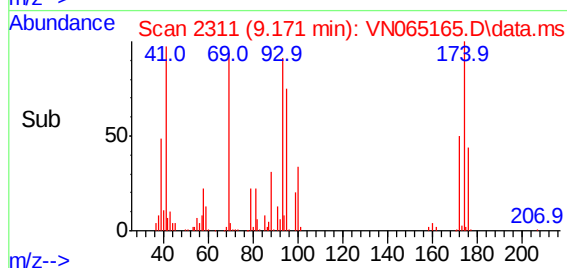
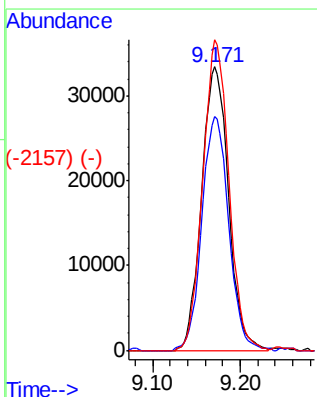
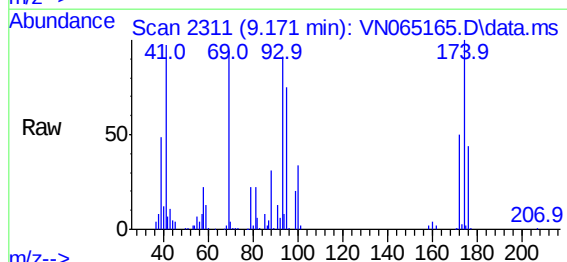
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

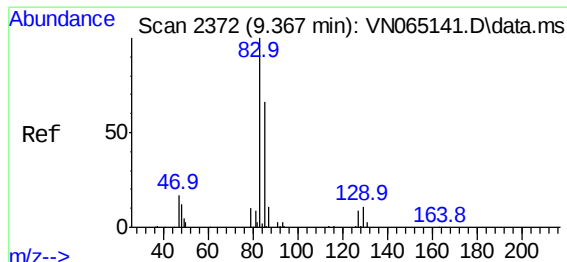
Tgt Ion: 63 Resp: 105777
Ion Ratio Lower Upper
63 100
65 32.5 24.4 36.6



#2312 (-)
Dibromomethane
Concen: 19.19 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 93 Resp: 71193
Ion Ratio Lower Upper
93 100
95 82.3 0.0 164.6
174 106.6 0.0 165.6

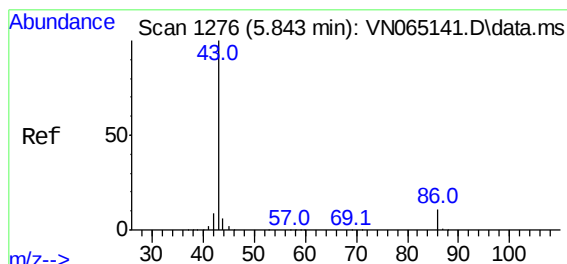
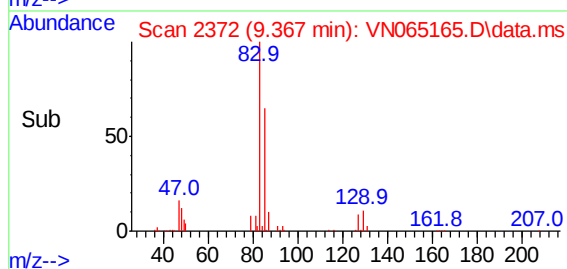
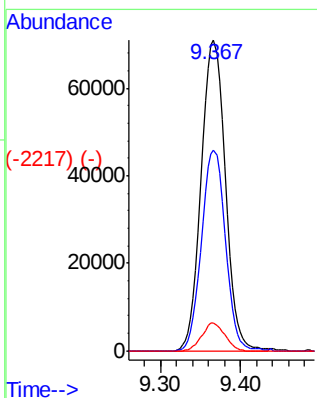
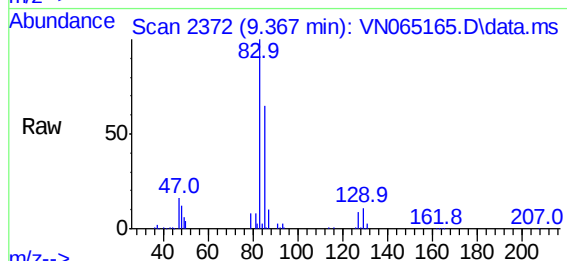




#448 (-)
Bromodichloromethane
Concen: 19.08 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

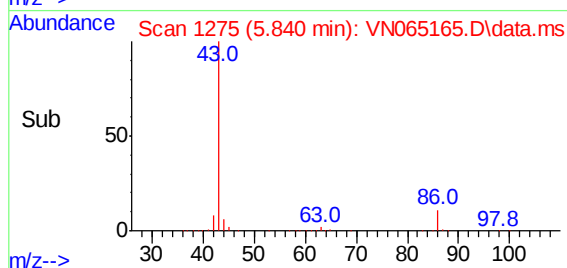
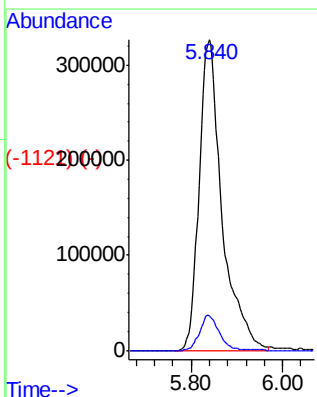
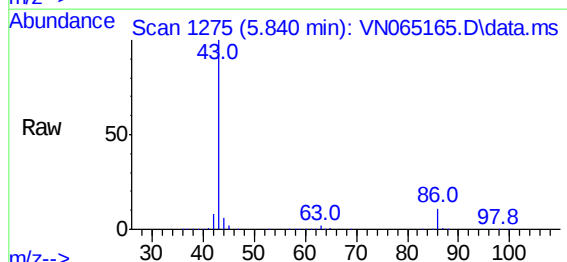
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

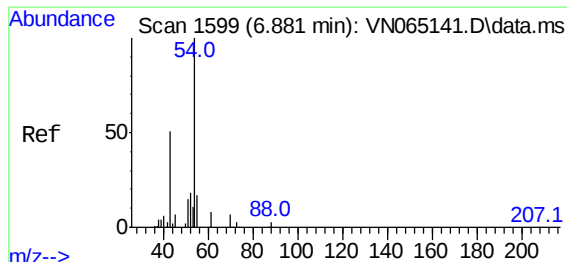
Tgt Ion: 83 Resp: 143915
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4
127 9.2 6.2 9.4



#449 (-)
Vinyl Acetate
Concen: 94.16 ug/l
RT: 5.840 min Scan# 1275
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 43 Resp: 1131949
Ion Ratio Lower Upper
43 100
86 9.6 6.3 9.5#

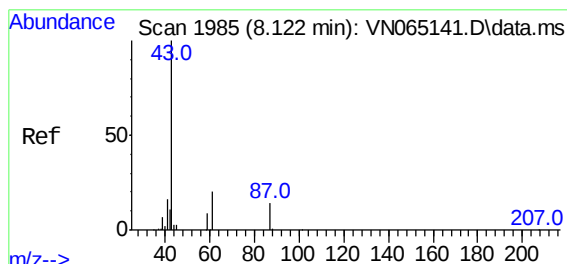
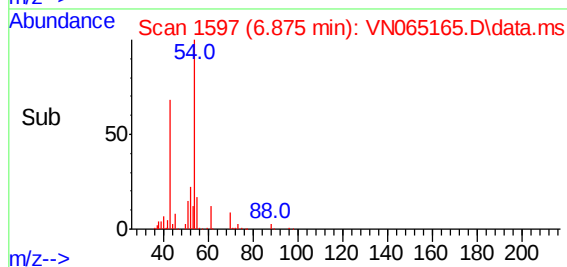
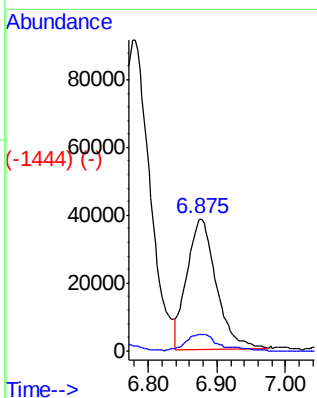
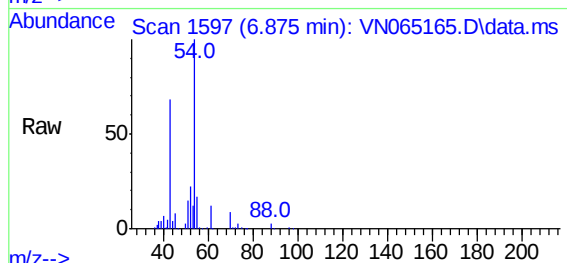




#437 (-)
Ethyl Acetate
Concen: 21.95 ug/l
RT: 6.875 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

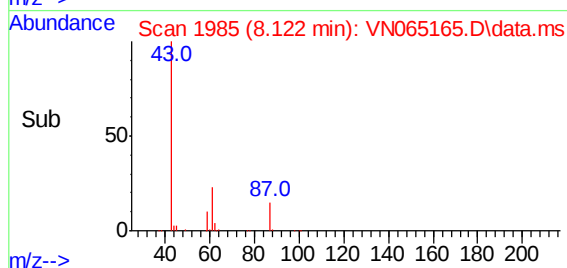
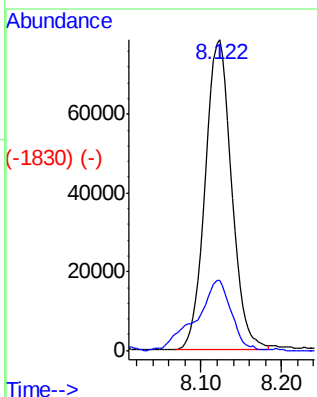
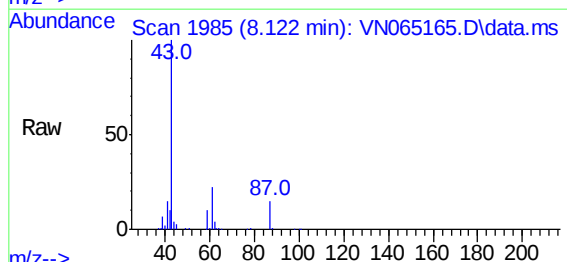
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

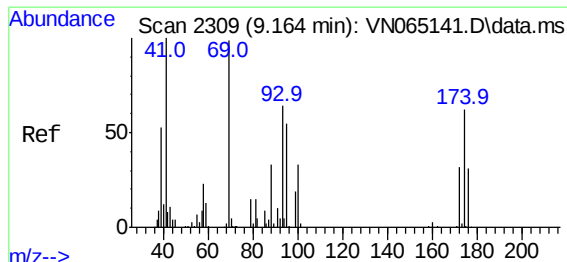
Tgt Ion: 43 Resp: 114105
Ion Ratio Lower Upper
43 100
45 12.4 10.9 16.3



#446 (-)
Isopropyl Acetate
Concen: 19.91 ug/l
RT: 8.122 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 43 Resp: 173174
Ion Ratio Lower Upper
43 100
61 30.1 13.0 19.4#

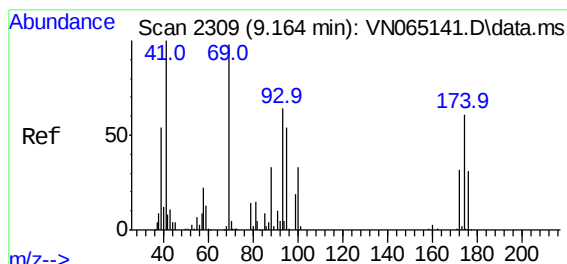
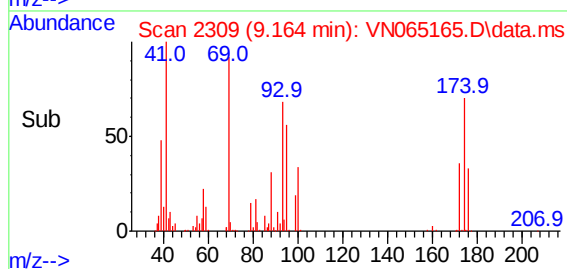
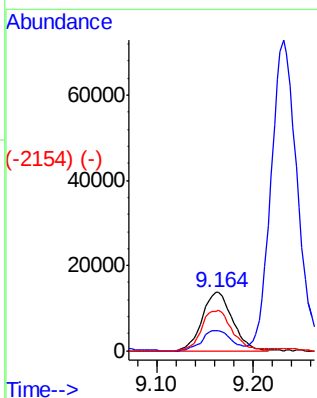
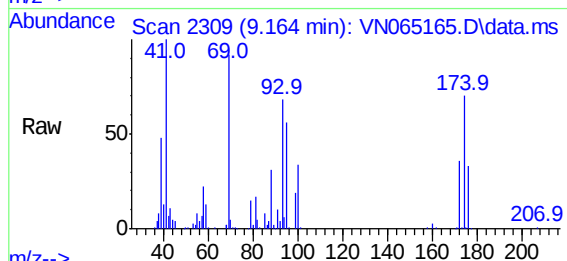




#456 (-)
1,4-Dioxane
Concen: 378.09 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

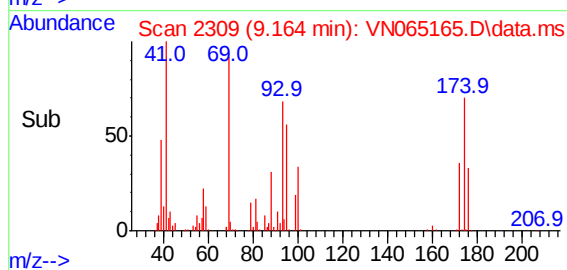
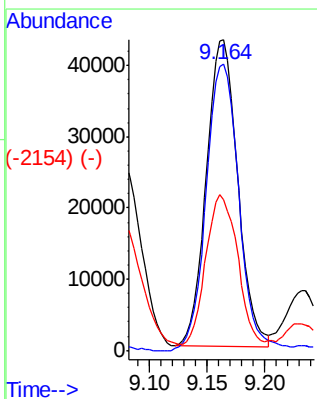
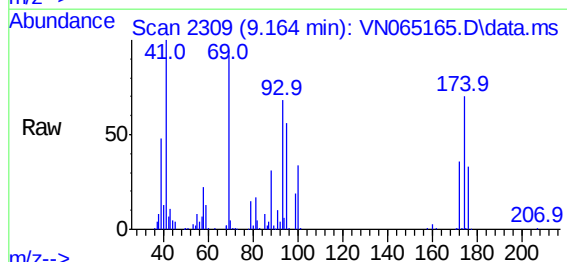
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

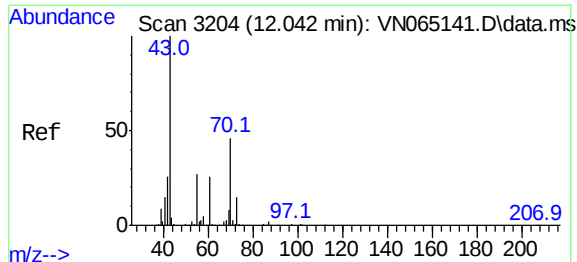
Tgt Ion: 88 Resp: 29886
Ion Ratio Lower Upper
88 100
43 33.7 30.6 46.0
58 70.0 57.9 86.9



#457 (-)
Methyl methacrylate
Concen: 18.36 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 41 Resp: 81234
Ion Ratio Lower Upper
41 100
69 92.7 35.4 106.2
39 46.9 31.6 94.7

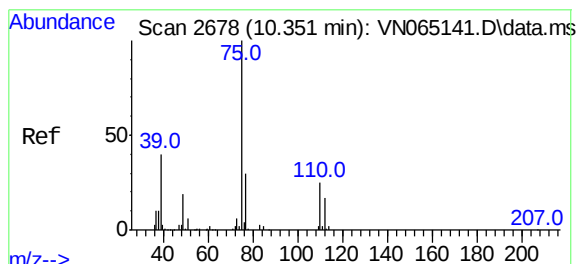
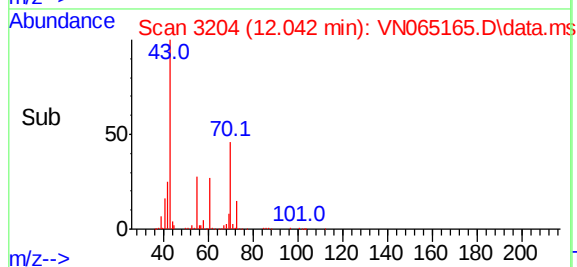
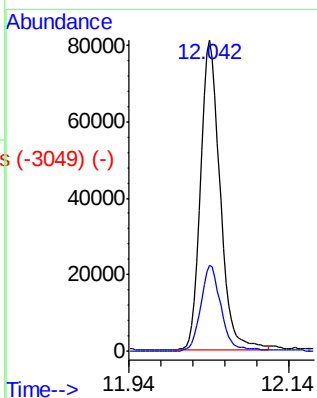
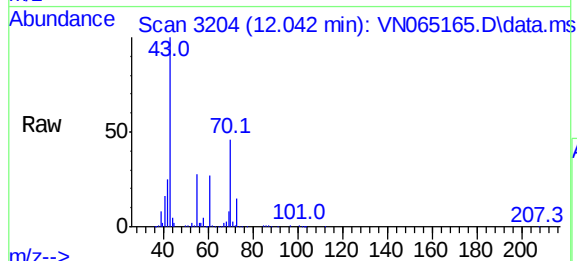




#4189 (-)
n-amy1 Acetate
Concen: 18.55 ug/l
RT: 12.042 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

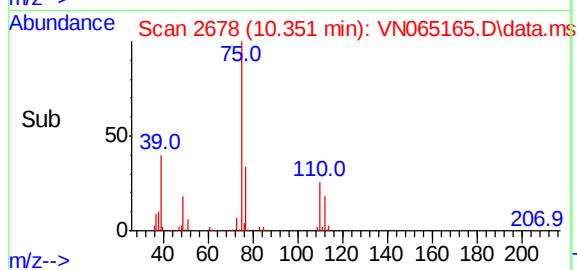
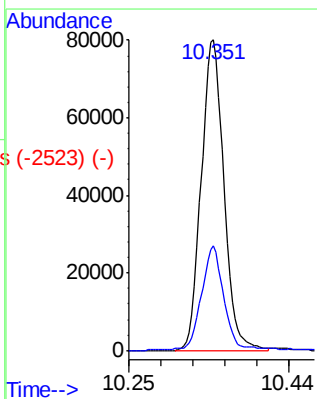
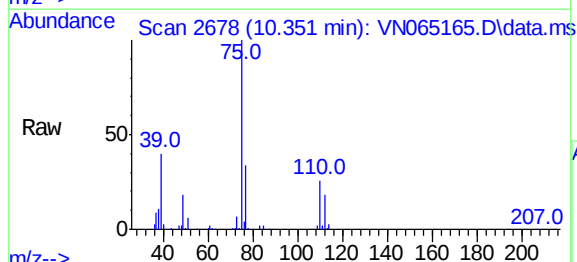
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

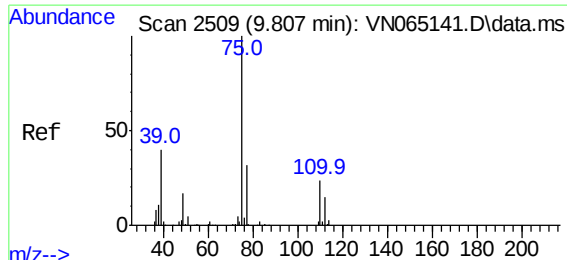
Tgt Ion: 43 Resp: 133335
Ion Ratio Lower Upper
43 100
55 28.3 19.2 28.8



#4184 (-)
t-1,3-Dichloropropene
Concen: 20.08 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 75 Resp: 147944
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.6

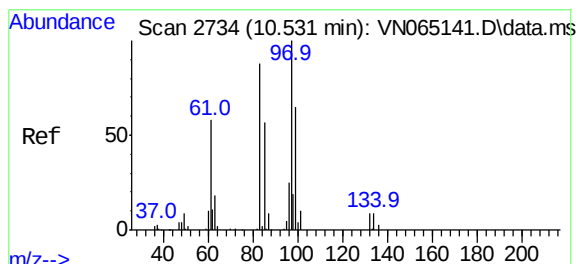
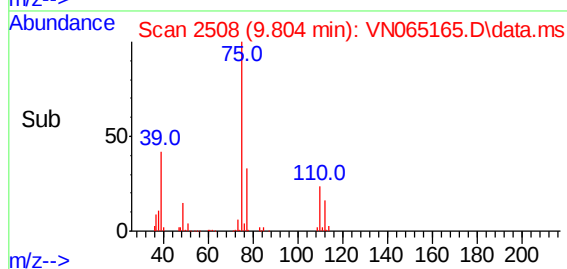
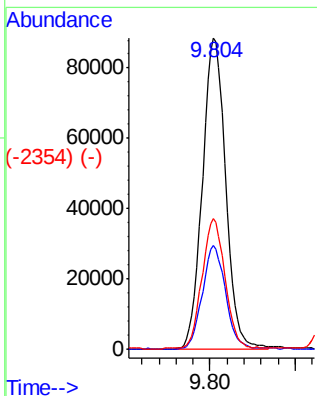
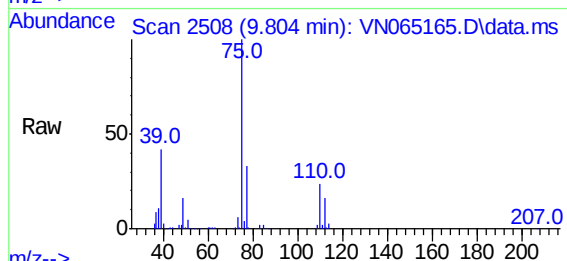




#494 (-)
cis-1,3-Dichloropropene
Concen: 20.03 ug/l
RT: 9.804 min Scan# 2508
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

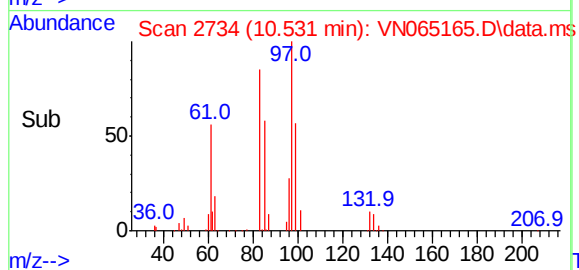
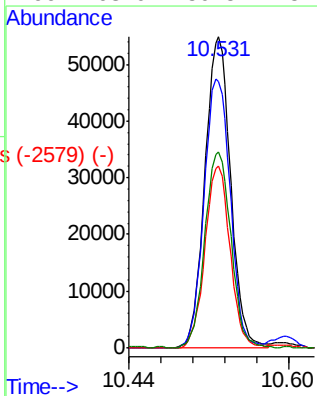
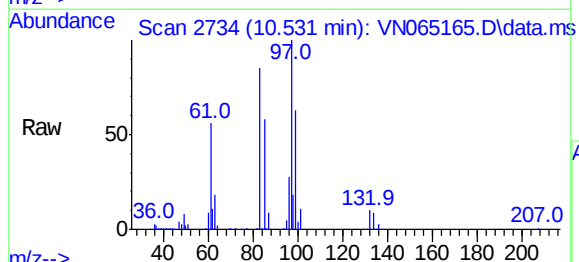
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

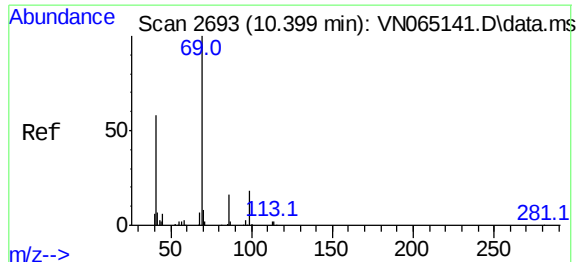
Tgt Ion: 75 Resp: 167673
Ion Ratio Lower Upper
75 100
77 33.3 24.8 37.2
39 41.6 47.4 71.0#



#501 (-)
1,1,2-Trichloroethane
Concen: 20.99 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 97 Resp: 101066
Ion Ratio Lower Upper
97 100
83 85.4 74.2 111.4
85 58.3 44.8 67.2
99 63.0 50.5 75.7



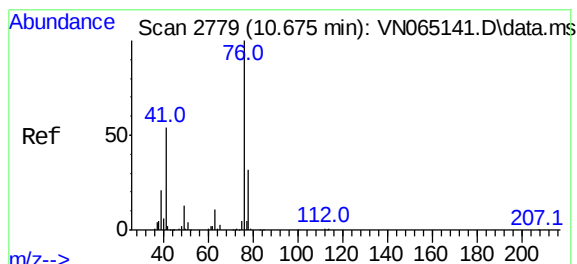
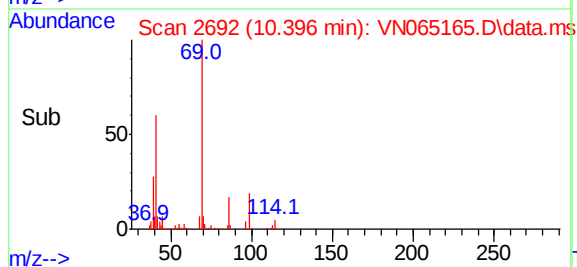
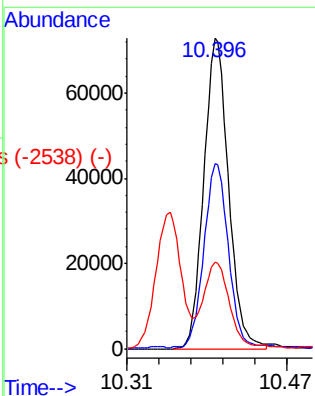
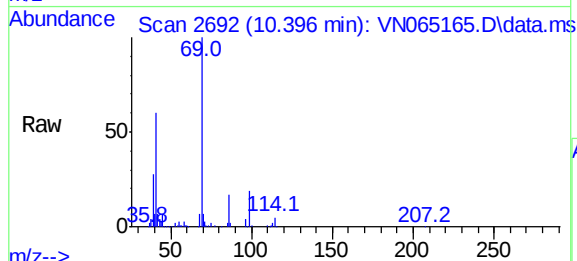


#5179 (-)
Ethyl methacrylate
Concen: 19.46 ug/l
RT: 10.396 min Scan# 2692
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 125443

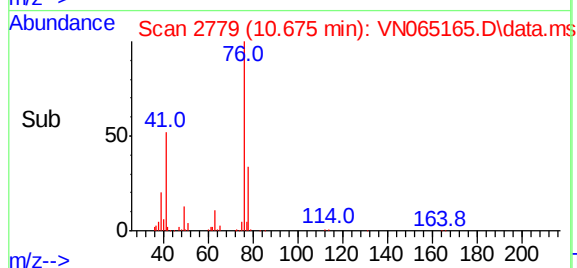
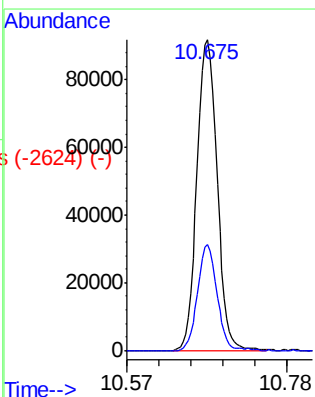
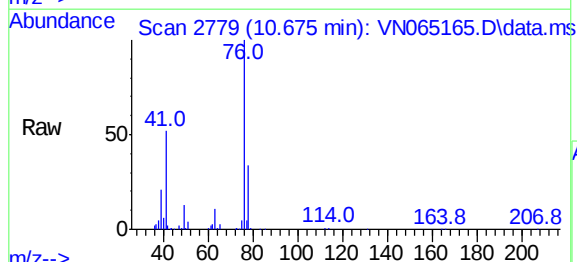
Ion	Ratio	Lower	Upper
69	100		
41	59.2	35.4	106.1
39	27.1	24.1	72.2

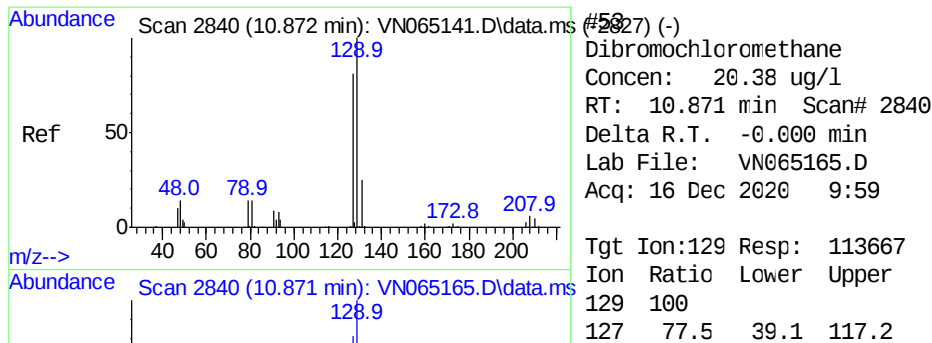


#5266 (-)
1,3-Dichloropropane
Concen: 21.13 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

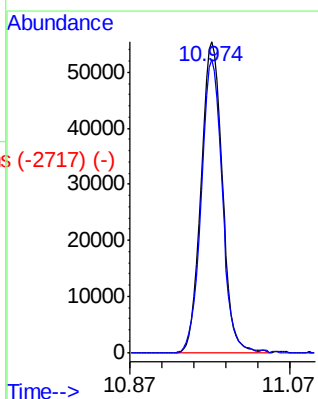
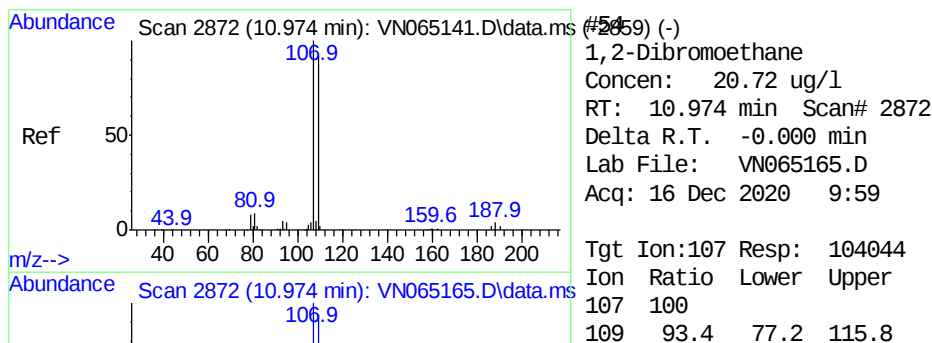
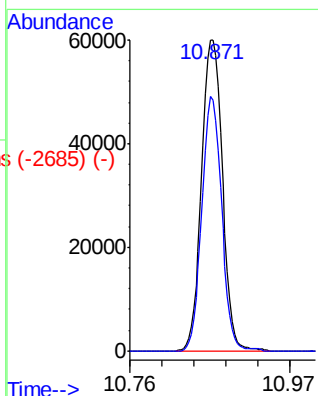
Tgt Ion: 76 Resp: 168697

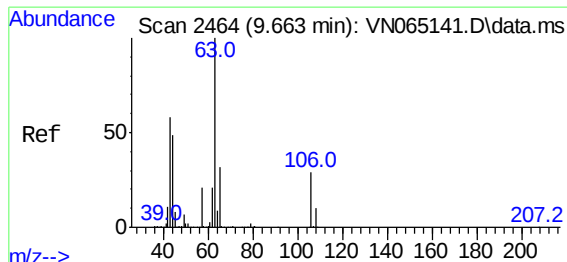
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

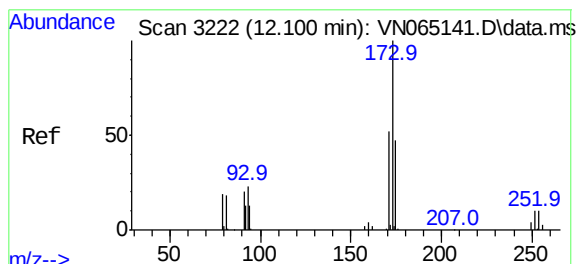
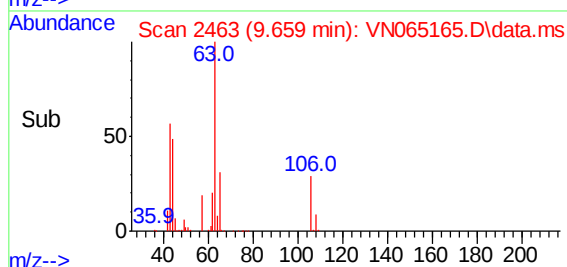
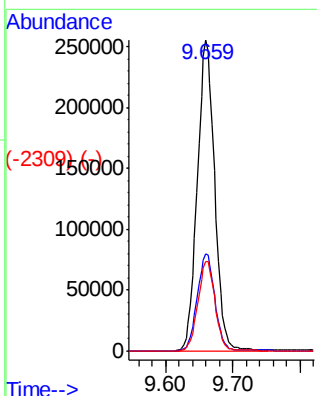
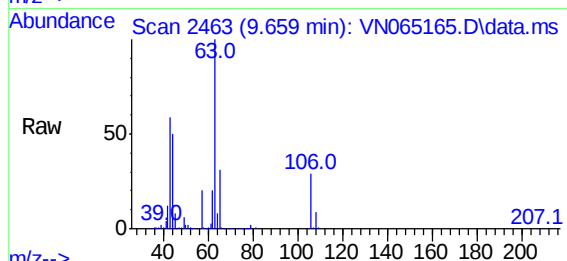




#559 (-)
2-Chloroethyl vinyl ether
Concen: 139.94 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

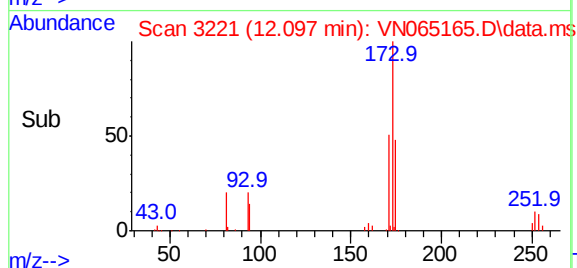
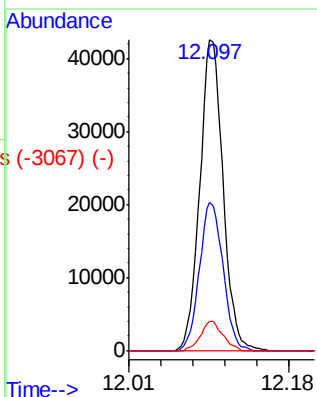
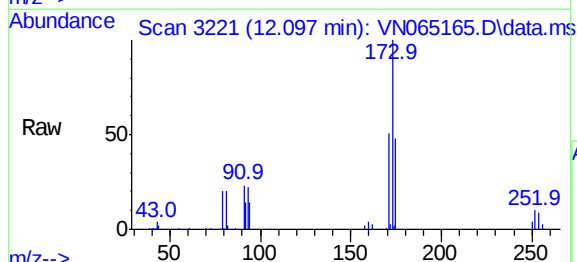
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

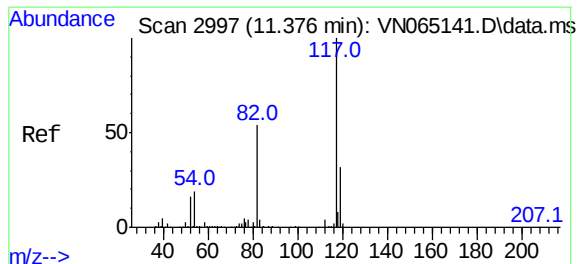
Tgt Ion: 63 Resp: 456887
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 28.5 19.9 29.9



#560 (-)
Bromoform
Concen: 19.92 ug/l
RT: 12.097 min Scan# 3221
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 173 Resp: 75547
Ion Ratio Lower Upper
173 100
175 48.3 37.1 55.7
254 8.9 5.4 8.2#



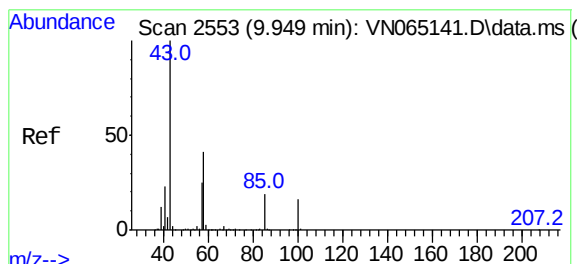
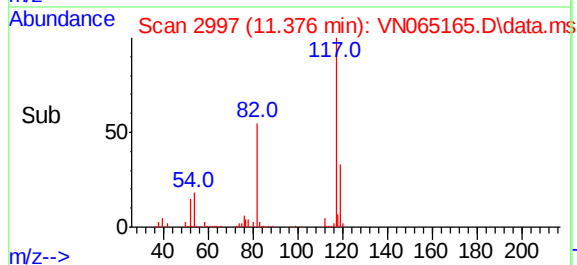
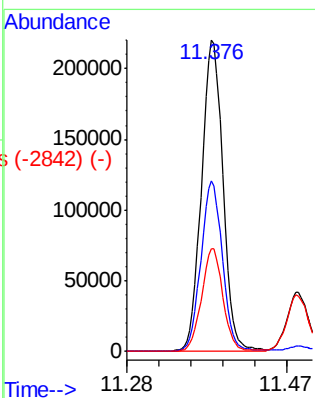
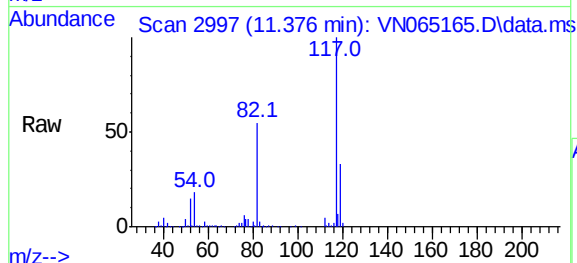


#2983 (-)
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 383192

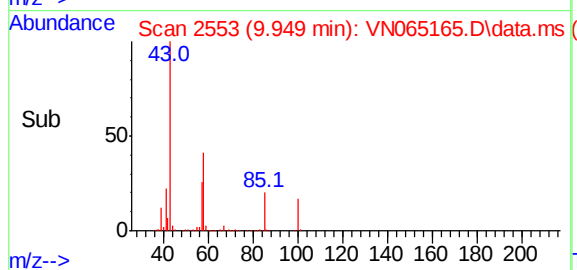
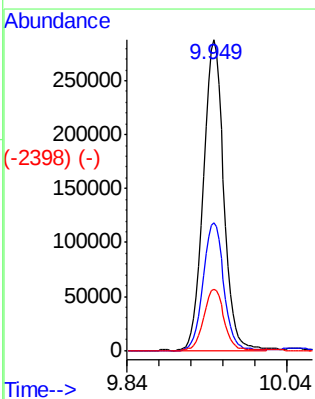
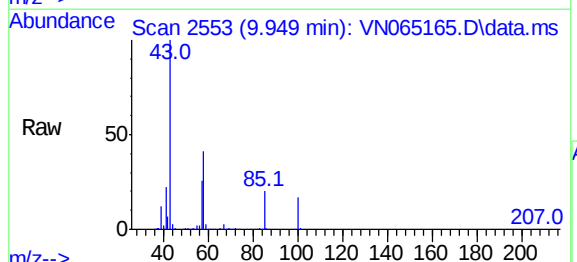
Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.8
119	32.6	25.7	38.5

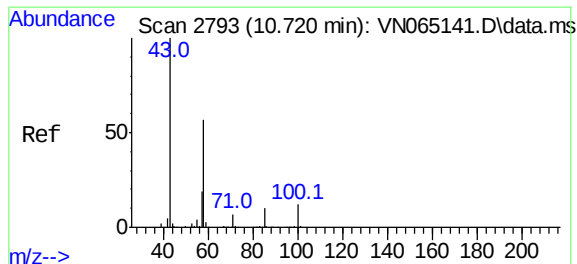


#2553 (-)
4-Methyl-2-Pentanone
Concen: 94.16 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 43 Resp: 525672

Ion	Ratio	Lower	Upper
43	100		
58	41.9	28.8	43.2
85	19.7	12.3	18.5



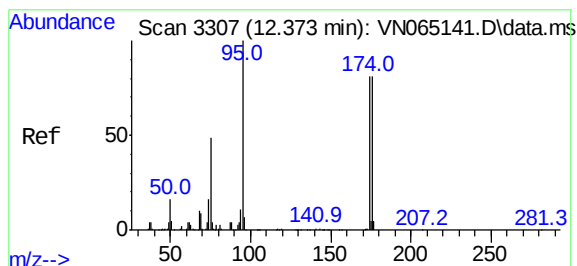
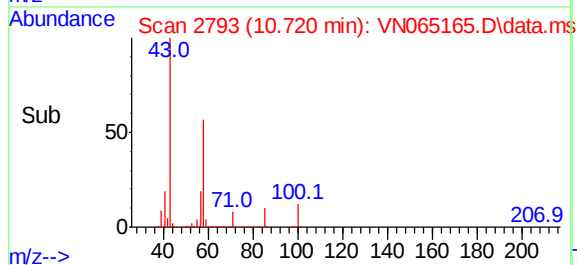
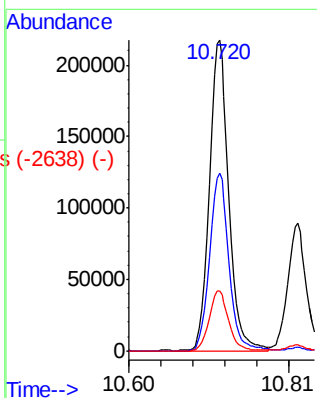
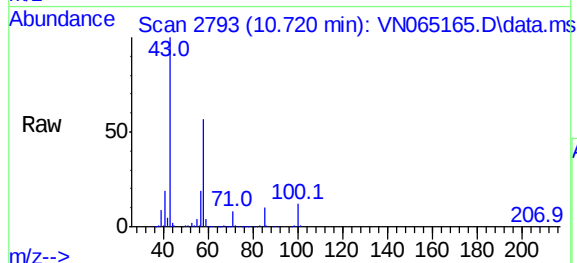


#5978 (-)
2-Hexanone
Concen: 102.95 ug/l
RT: 10.720 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 381598

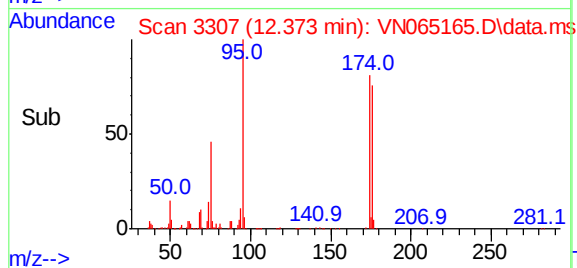
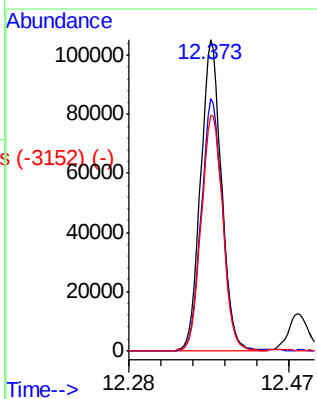
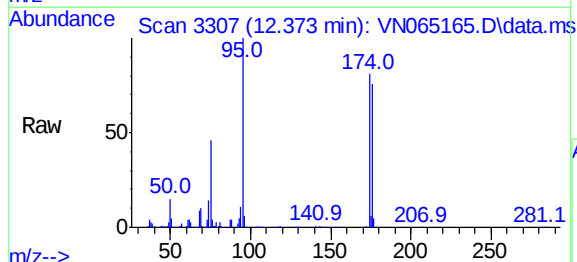
Ion	Ratio	Lower	Upper
43	100		
58	57.6	38.2	57.4#
57	19.3	13.8	20.8

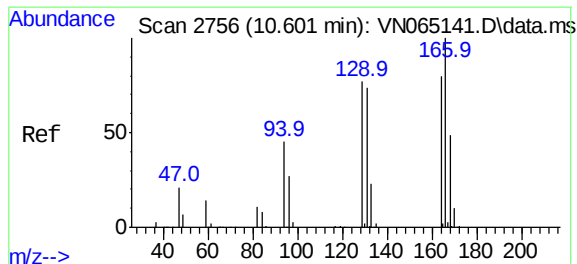


#6093 (-)
4-Bromofluorobenzene
Concen: 29.61 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 95 Resp: 178271

Ion	Ratio	Lower	Upper
95	100		
174	82.3	56.4	84.6
176	78.0	53.3	79.9



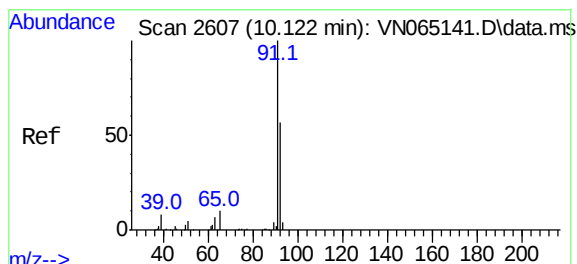
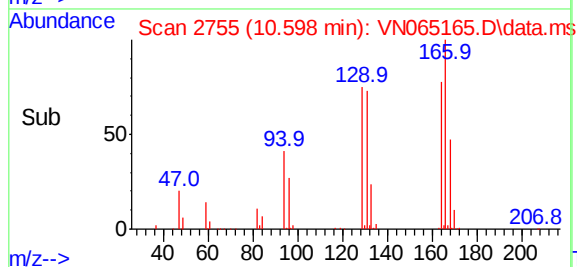
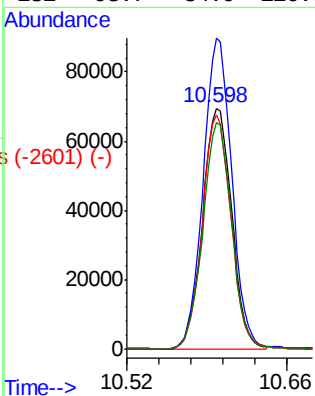
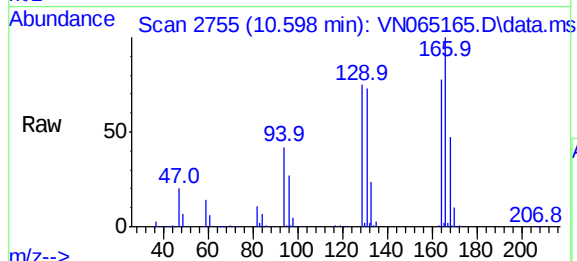


#6143 (-)
Tetrachloroethene
Concen: 22.78 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:164 Resp: 126939

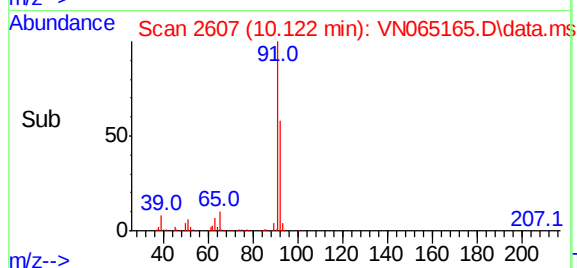
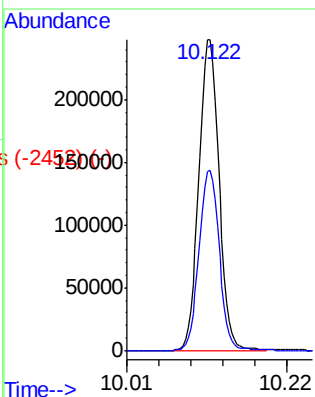
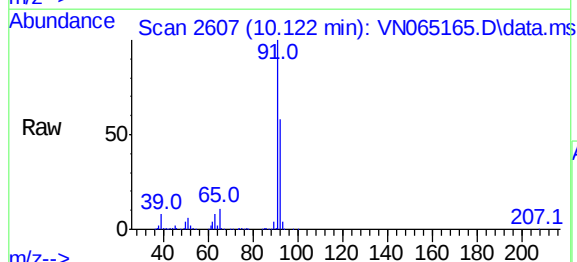
Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.2	154.8
129	96.4	86.4	129.6
131	93.7	84.0	126.0

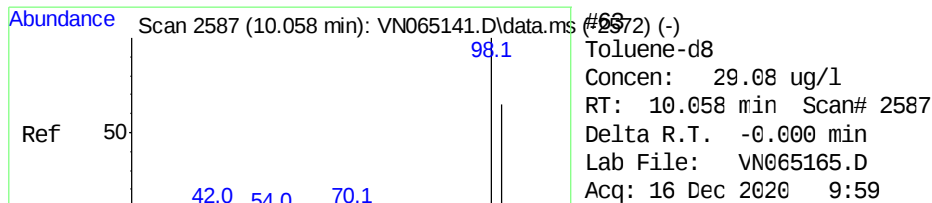


#6142 (-)
Toluene
Concen: 21.39 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 91 Resp: 454075

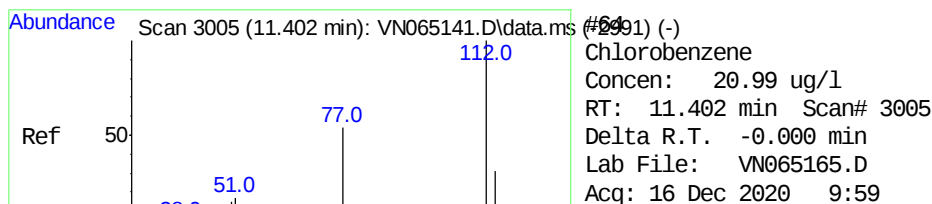
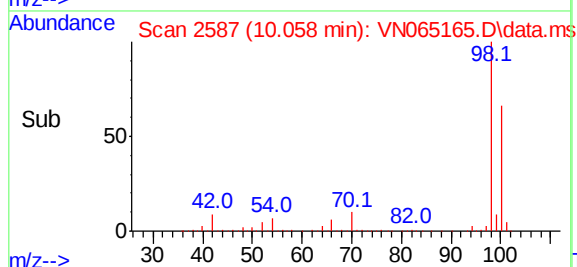
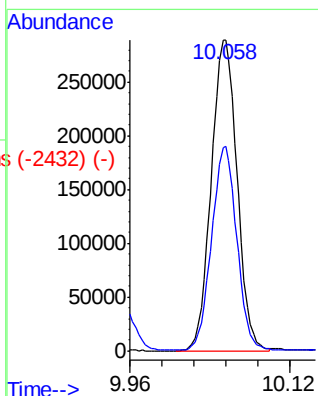
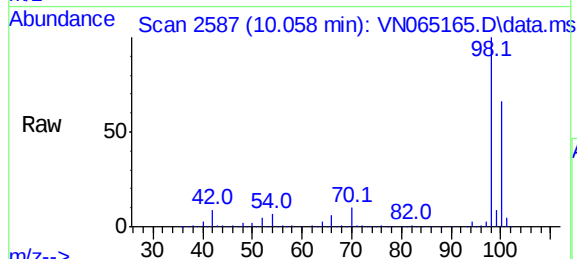
Ion	Ratio	Lower	Upper
91	100		
92	58.1	45.4	68.2



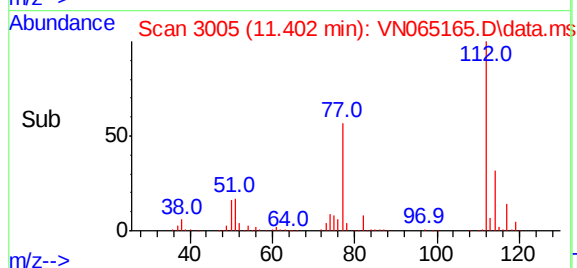
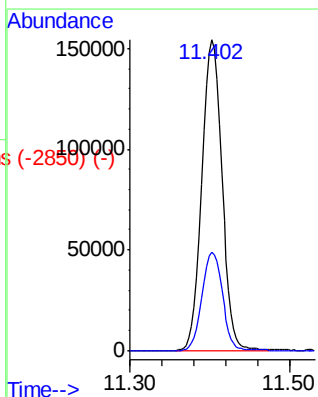
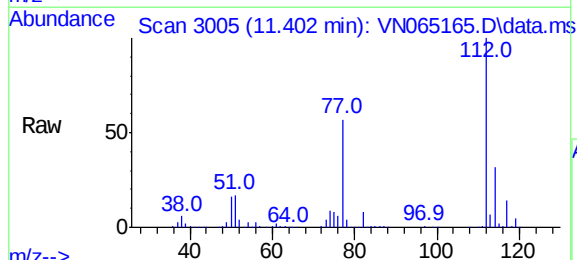


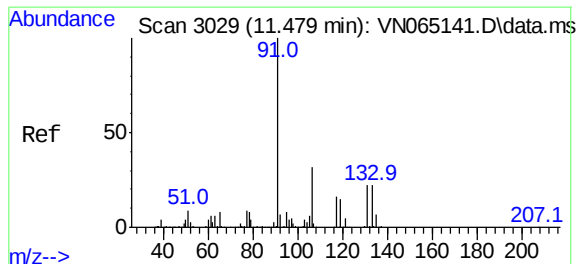
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 537939
Ion Ratio Lower Upper
98 100
100 64.2 49.4 74.2



Tgt Ion: 112 Resp: 277778
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



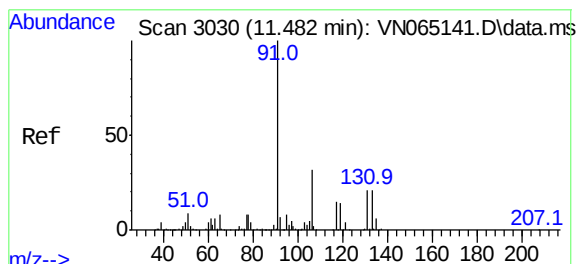
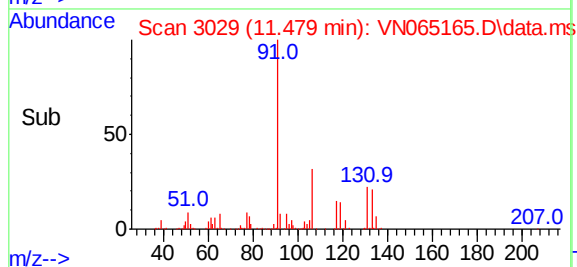
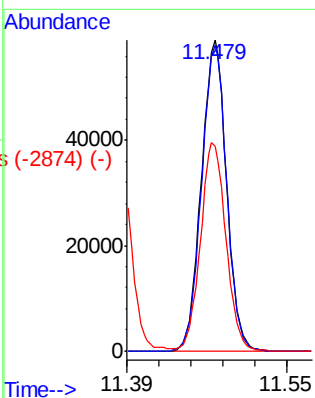
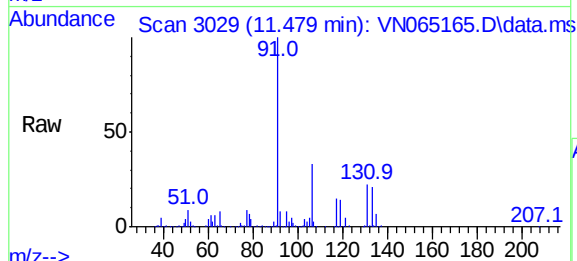


Scan 3029 (11.479 min): VN065141.D\data.ms (#6516) (-)
 1,1,1,2-Tetrachloroethane
 Concen: 20.46 ug/l
 RT: 11.479 min Scan# 3029
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:131 Resp: 102718

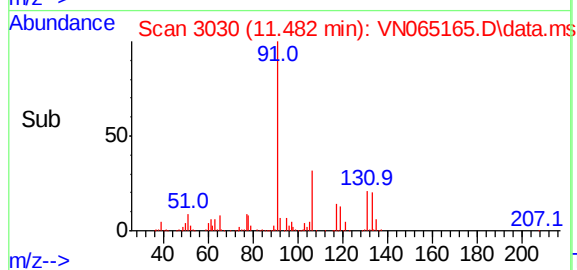
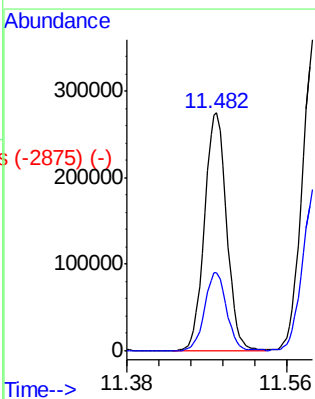
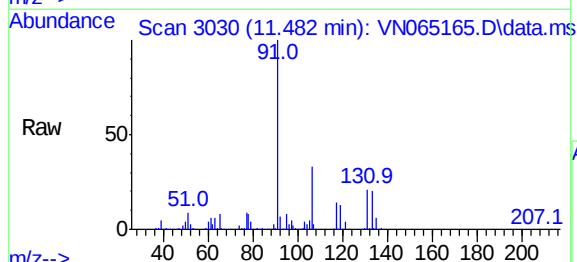
Ion	Ratio	Lower	Upper
131	100		
133	98.4	0.0	191.2
119	67.3	0.0	131.6

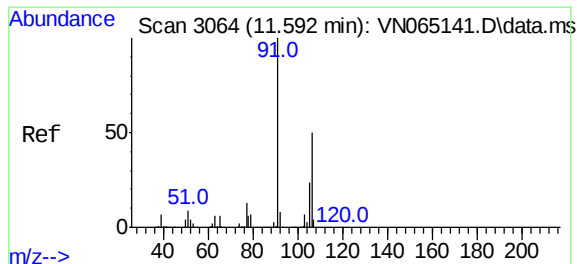


Scan 3030 (11.482 min): VN065141.D\data.ms (#6516) (-)
 Ethyl Benzene
 Concen: 20.55 ug/l
 RT: 11.482 min Scan# 3030
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion: 91 Resp: 462339

Ion	Ratio	Lower	Upper
91	100		
106	32.6	23.9	35.9

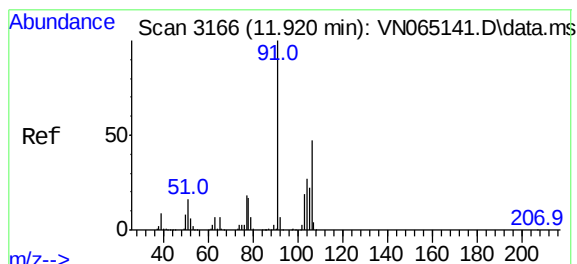
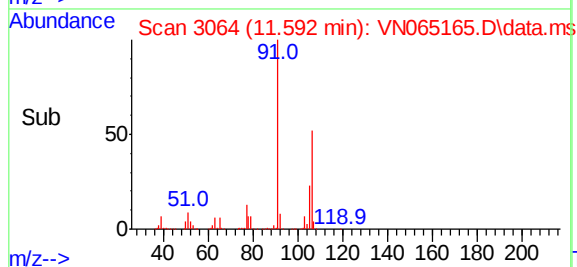
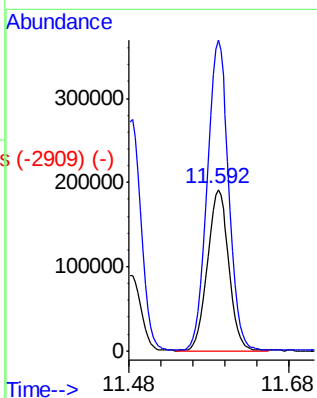
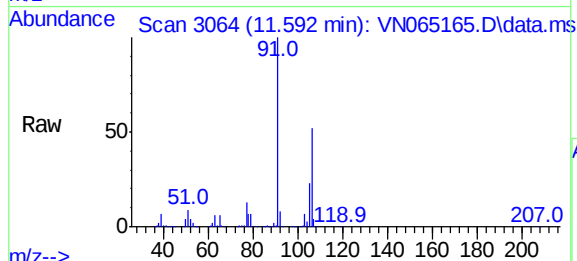




#6749 (-)
m/p-Xylenes
Concen: 41.89 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

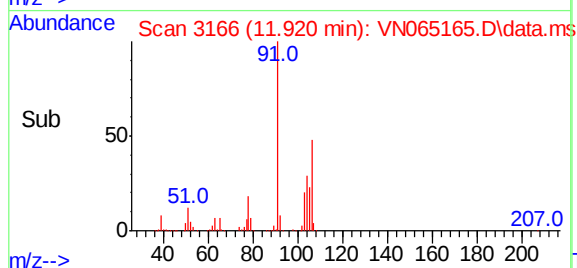
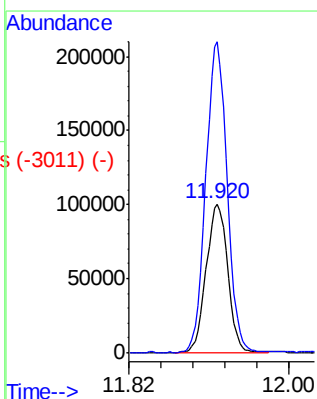
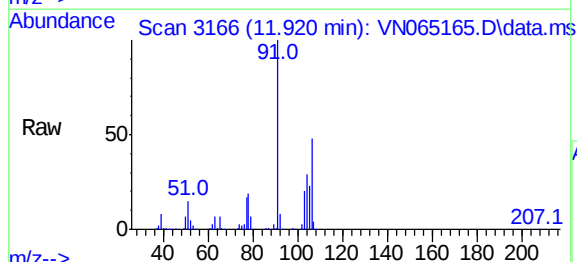
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

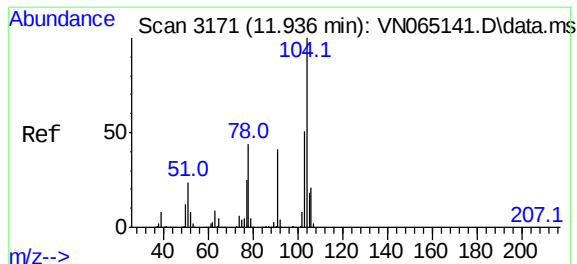
Tgt Ion:106 Resp: 367065
Ion Ratio Lower Upper
106 100
91 196.2 168.8 253.2



#6752 (-)
o-Xylene
Concen: 20.72 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:106 Resp: 171603
Ion Ratio Lower Upper
106 100
91 206.2 109.7 329.2

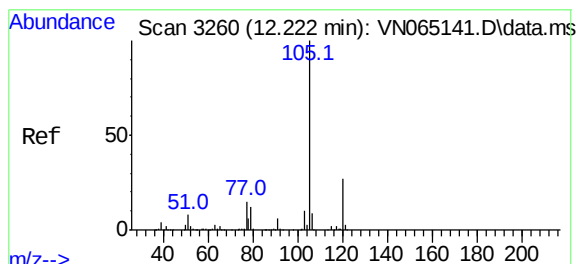
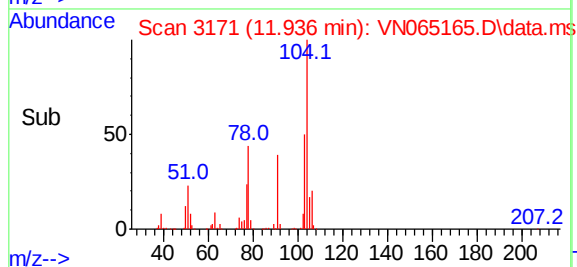
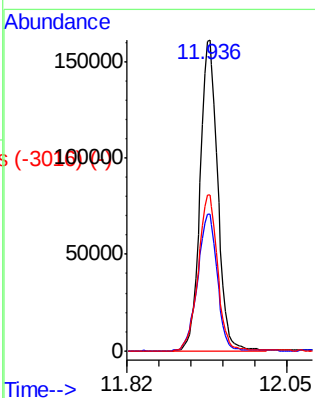
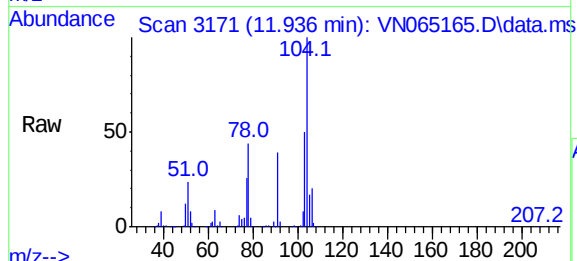




#3156 (-)
Styrene
Concen: 20.07 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

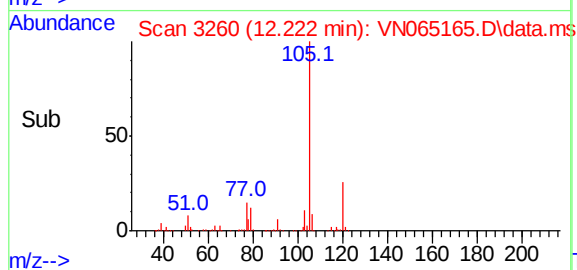
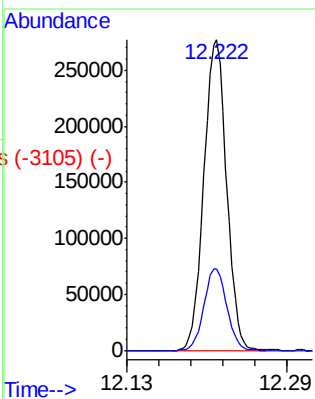
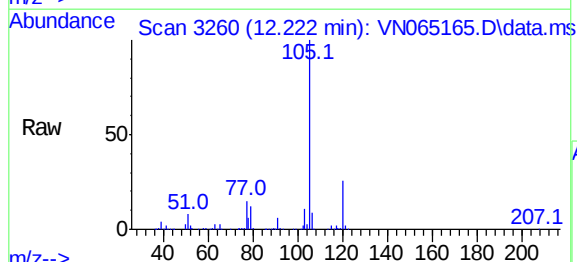
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

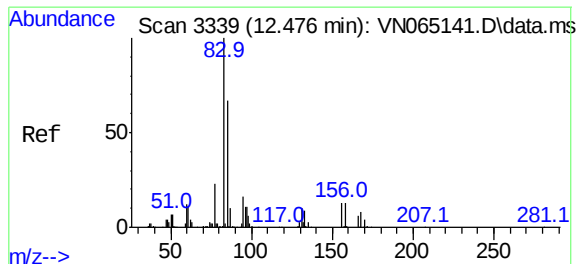
Tgt Ion:	104	Resp:	276565
Ion Ratio	Lower	Upper	
104	100		
78	49.1	44.4	66.6
103	55.1	44.6	67.0



#3246 (-)
Isopropylbenzene
Concen: 20.89 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:	105	Resp:	451946
Ion Ratio	Lower	Upper	
105	100		
120	26.4	17.9	33.3

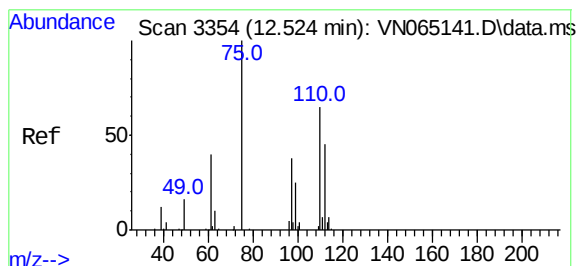
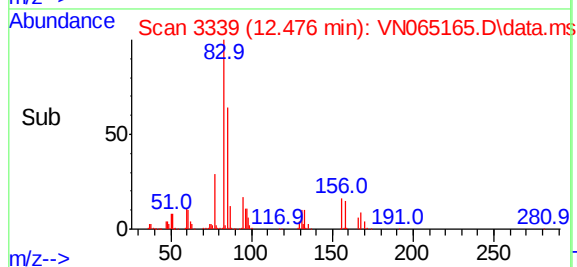
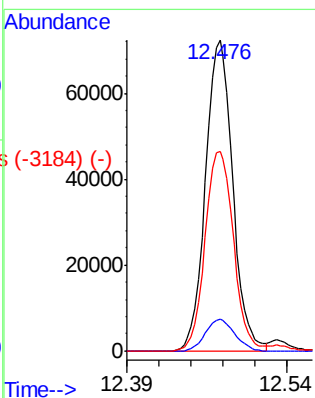
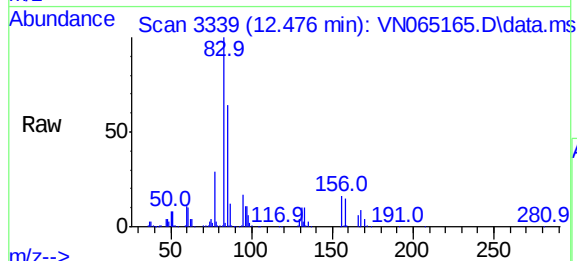




#3326 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 19.64 ug/l
 RT: 12.476 min Scan# 3339
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

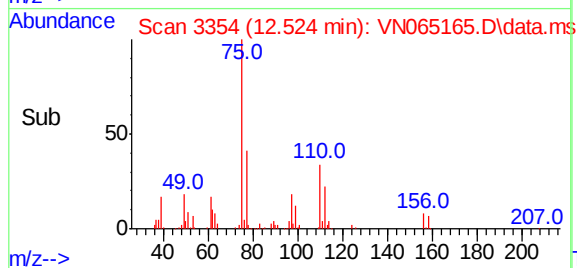
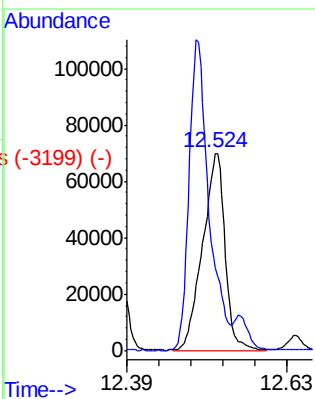
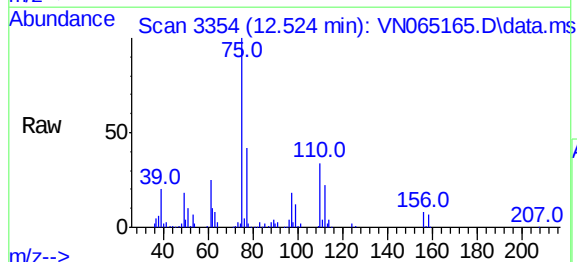
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

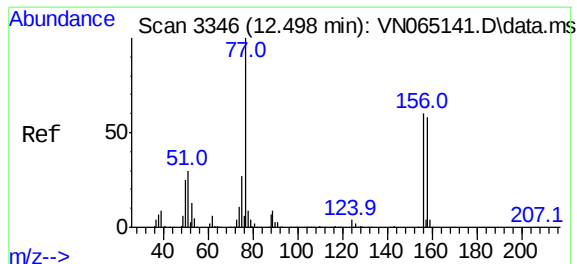
Tgt Ion:	83	Resp:	123164
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.6	13.8
85	67.0	31.4	94.0



#3329 (-)
 1,2,3-Trichloropropane
 Concen: 27.66 ug/l
 RT: 12.524 min Scan# 3354
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion:	75	Resp:	166153
Ion	Ratio	Lower	Upper
75	100		
77	138.7	0.0	379.4



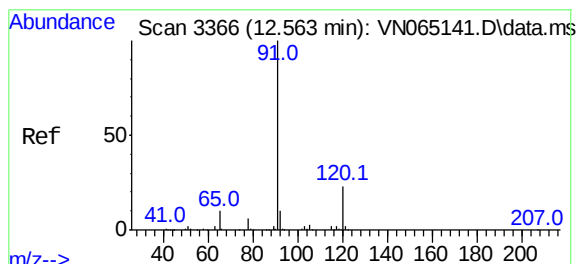
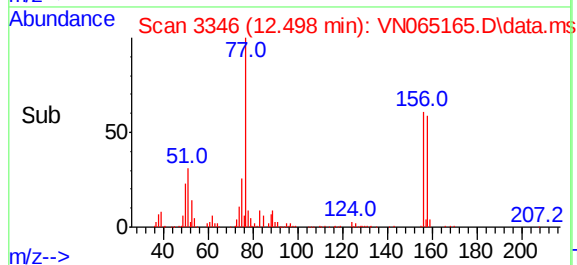
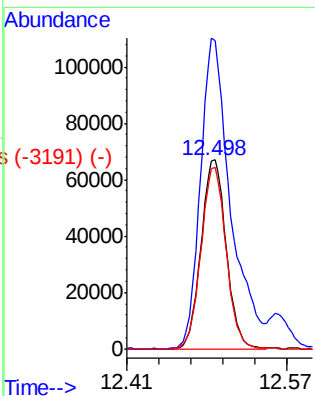
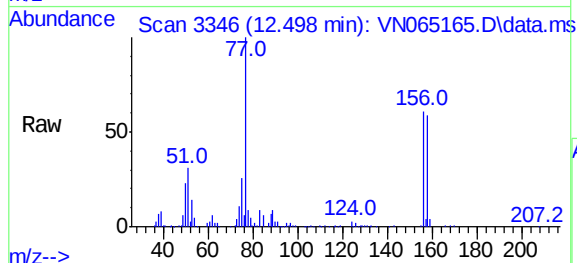


#333 (-)
Bromobenzene
Concen: 20.87 ug/l
RT: 12.498 min Scan# 3346
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 117275

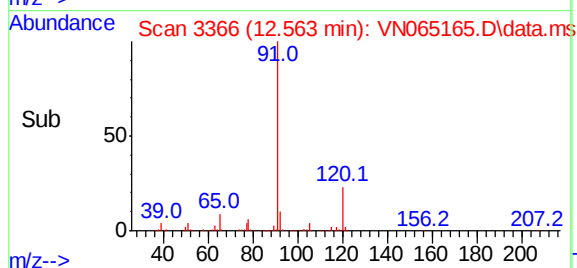
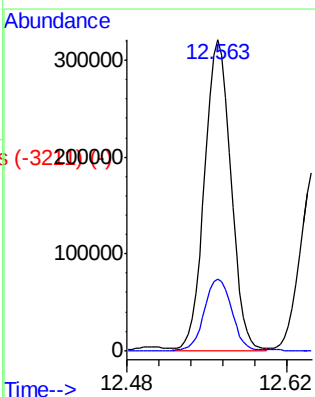
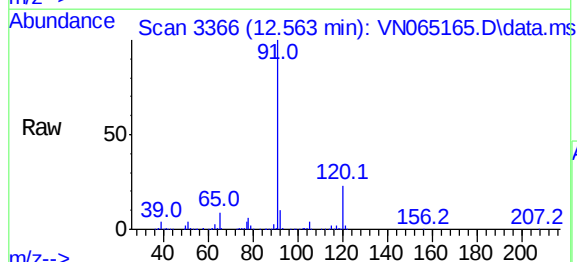
Ion	Ratio	Lower	Upper
156	100		
77	196.5	0.0	480.2
158	95.7	0.0	194.0

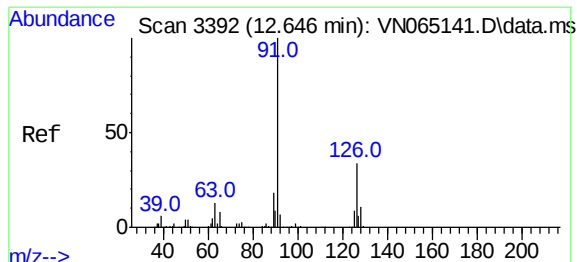


#334 (-)
n-propylbenzene
Concen: 20.44 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 91 Resp: 504509

Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	42.8

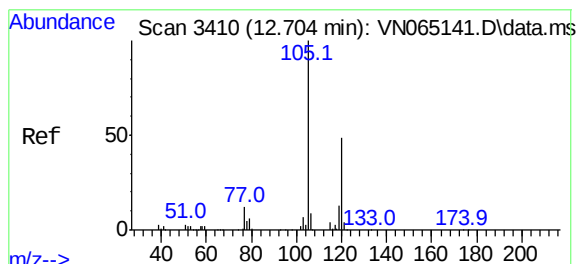
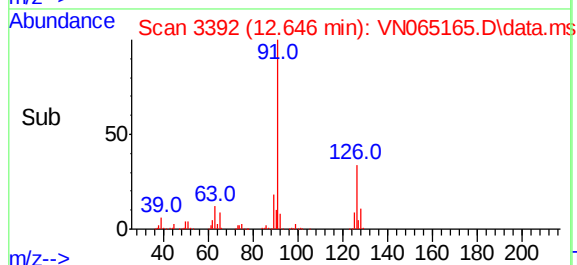
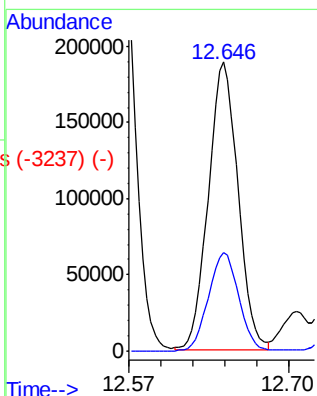
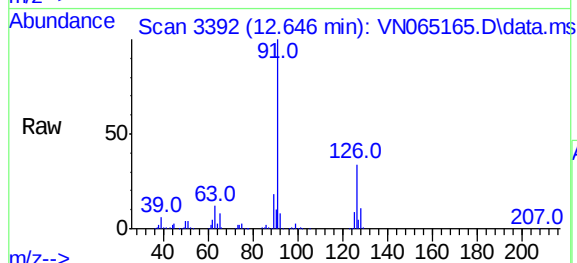




#3392 (-)
2-Chlorotoluene
Concen: 20.81 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

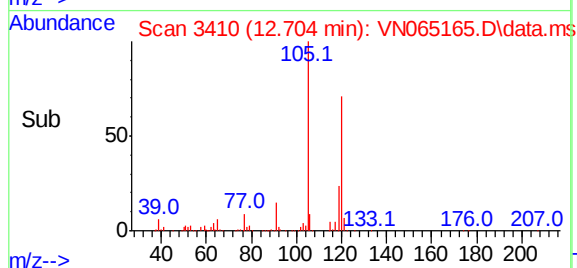
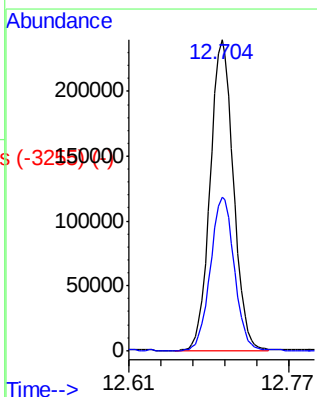
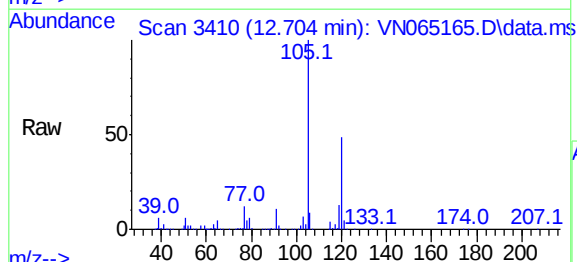
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

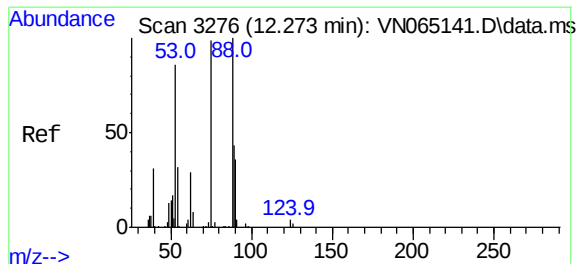
Tgt Ion: 91 Resp: 312565
Ion Ratio Lower Upper
91 100
126 34.6 0.0 61.8



#3410 (-)
1,3,5-Trimethylbenzene
Concen: 20.12 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 105 Resp: 375740
Ion Ratio Lower Upper
105 100
120 50.7 0.0 90.4

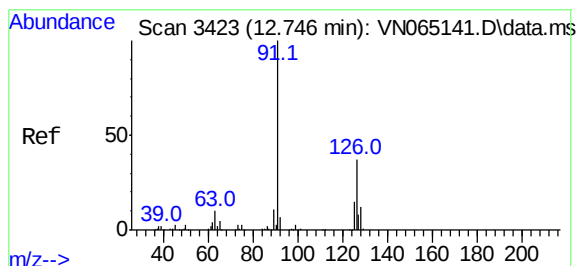
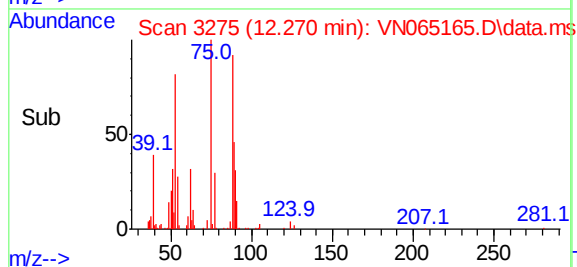
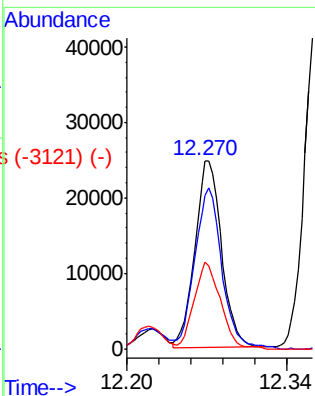
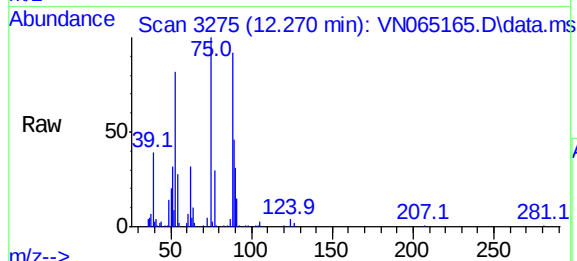




#3266 (-)
t-1,4-Dichloro-2-butene
Concen: 19.41 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

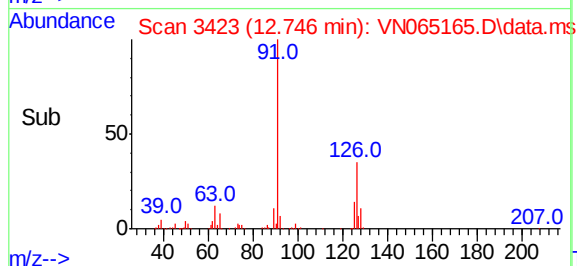
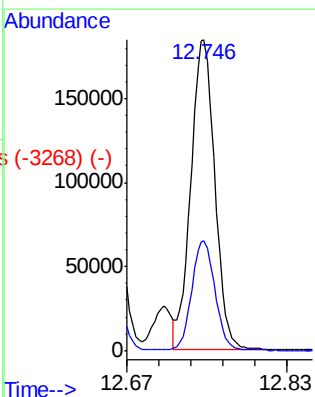
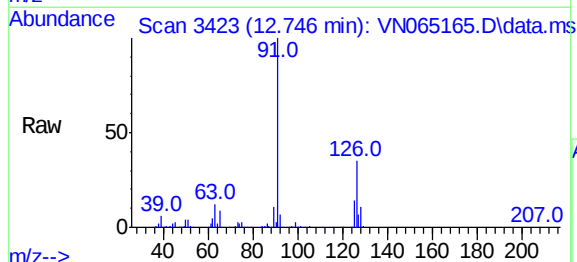
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

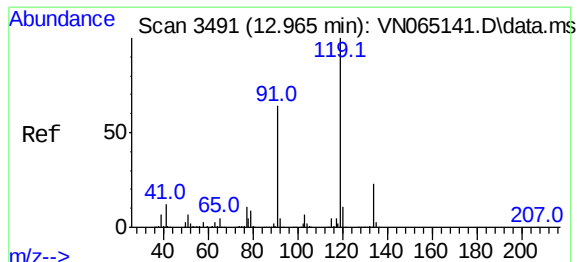
Tgt Ion:	75	Resp:	41180
Ion	Ratio	Lower	Upper
75	100		
53	81.1	50.3	150.9
89	46.4	23.3	69.8



#3214 (-)
4-Chlorotoluene
Concen: 20.74 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:	91	Resp:	318111
Ion	Ratio	Lower	Upper
91	100		
126	34.5	0.0	61.8

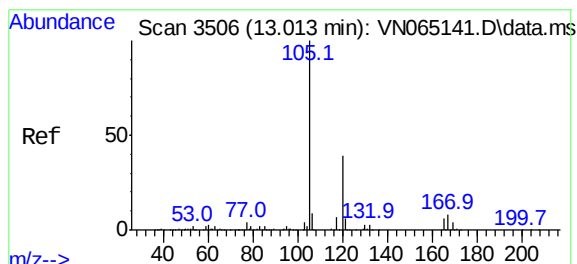
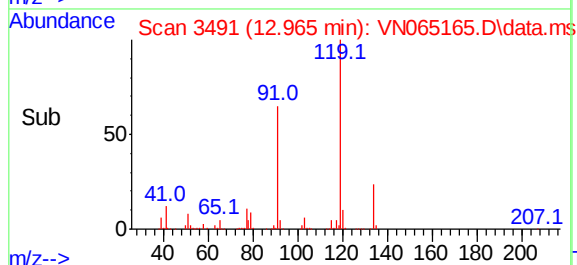
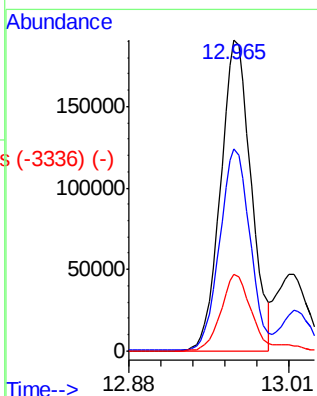
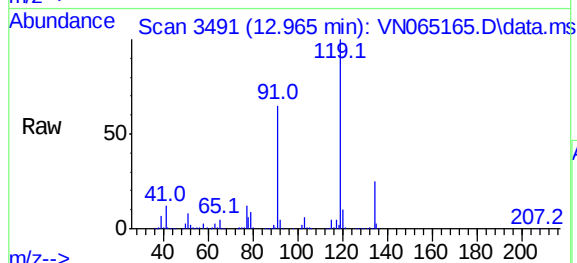




#3491 (-)
tert-butylbenzene
Concen: 19.58 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

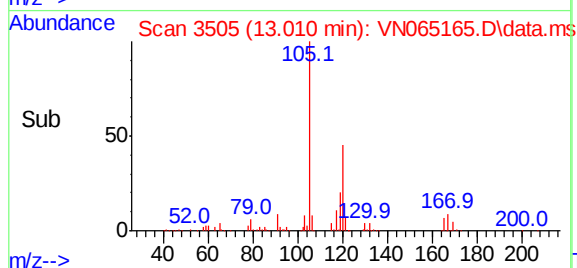
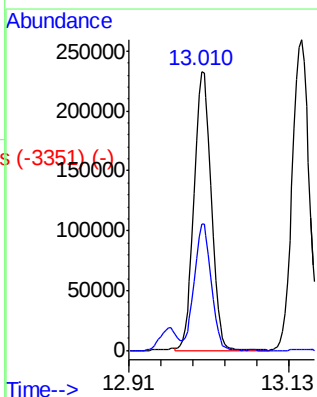
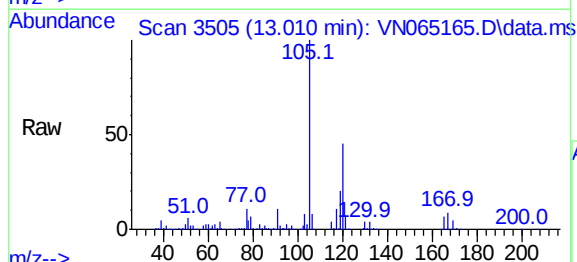
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

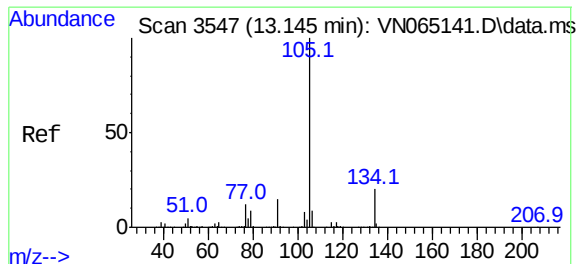
Tgt Ion:119 Resp: 306867
Ion Ratio Lower Upper
119 100
91 64.9 0.0 147.8
134 24.3 0.0 50.6



#3506 (-)
1,2,4-Trimethylbenzene
Concen: 20.45 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:105 Resp: 378709
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.6

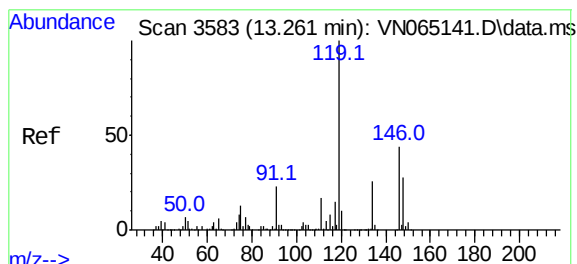
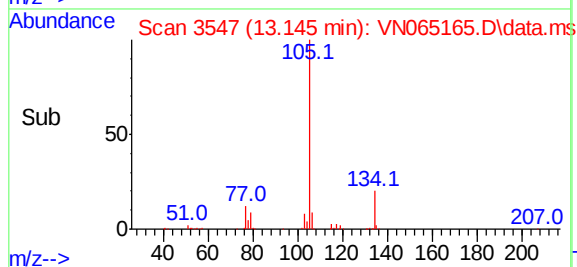
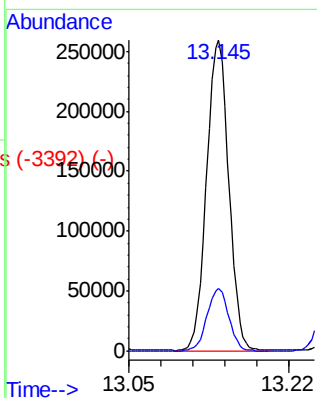
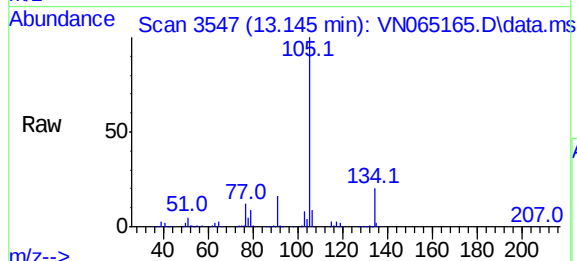




sec-Butylbenzene
 Concen: 20.37 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

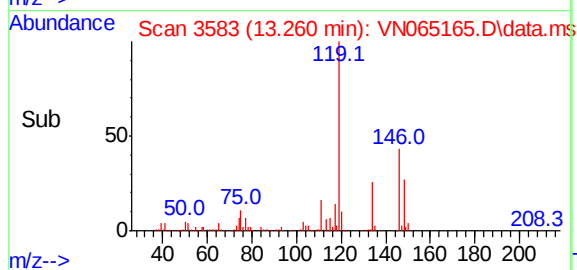
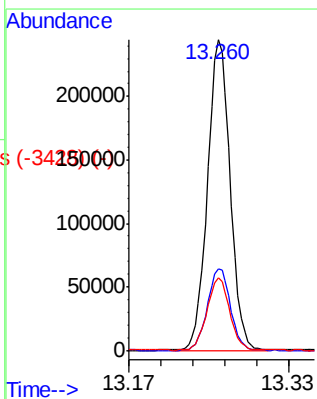
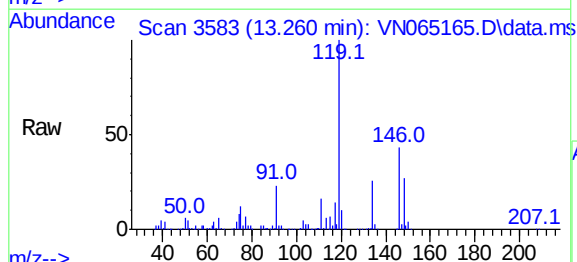
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

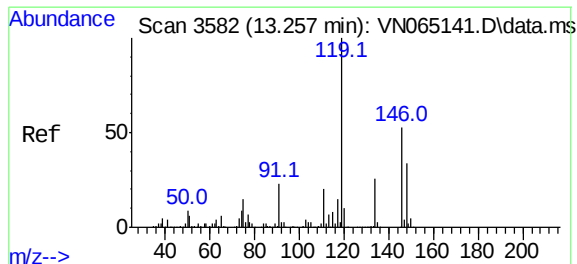
Tgt Ion:	105	Resp:	414356
Ion Ratio	Lower	Upper	
105	100		
134	19.6	0.0	37.8



p-Isopropyltoluene
 Concen: 19.47 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion:	119	Resp:	372128
Ion Ratio	Lower	Upper	
119	100		
134	26.9	0.0	53.0
91	23.2	0.0	53.2

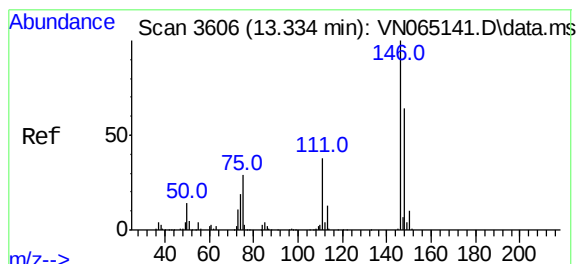
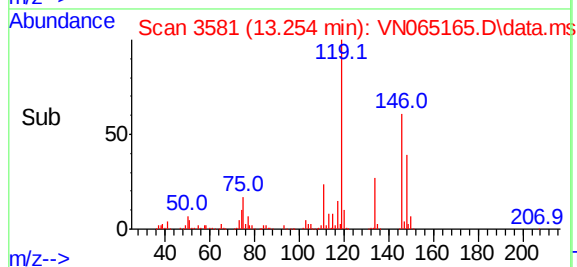
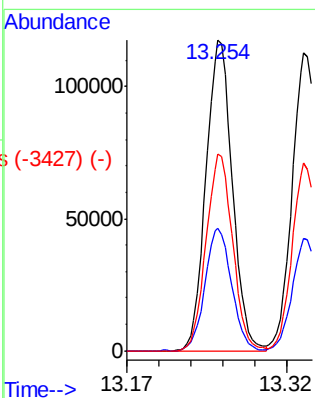
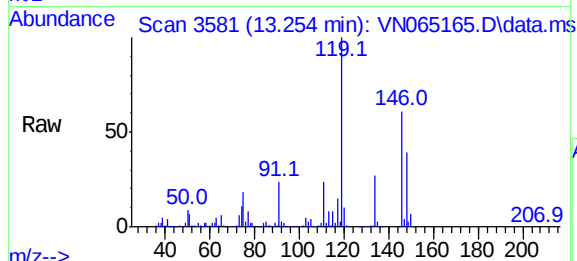




1,3-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 13.254 min Scan# 3581
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

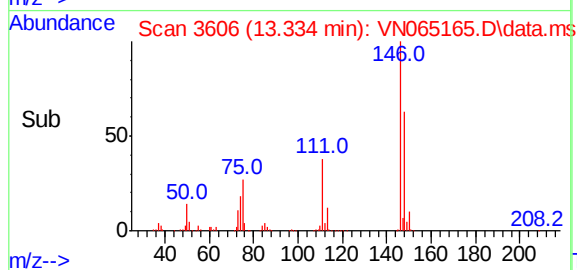
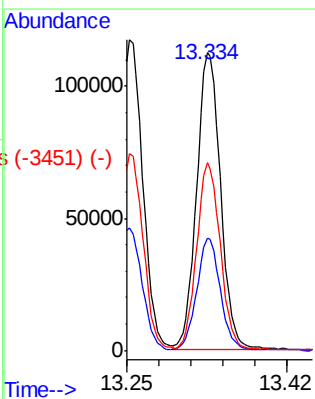
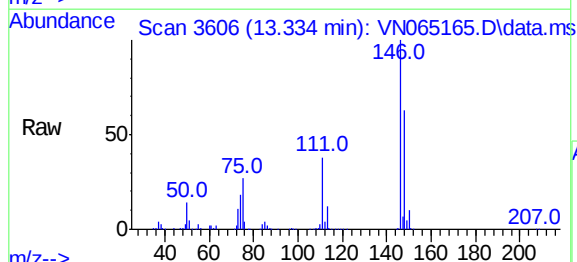
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

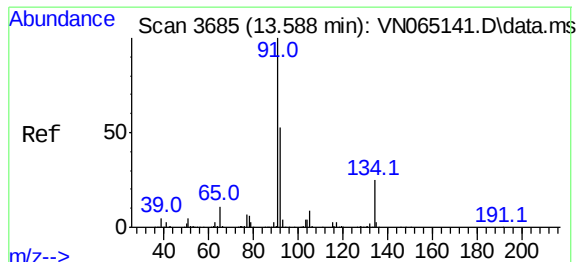
Tgt Ion:	146	Resp:	200611
Ion	Ratio	Lower	Upper
146	100		
111	39.5	22.3	66.9
148	63.7	31.8	95.3



1,4-Dichlorobenzene
 Concen: 18.38 ug/l
 RT: 13.334 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion:	146	Resp:	192600
Ion	Ratio	Lower	Upper
146	100		
111	37.5	21.8	65.4
148	61.1	31.5	94.5



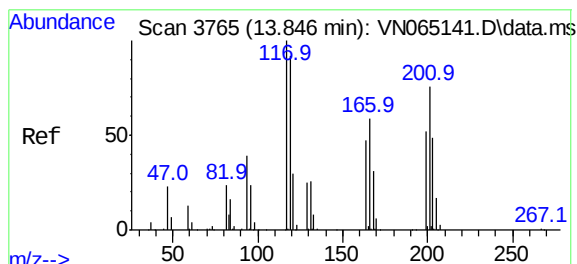
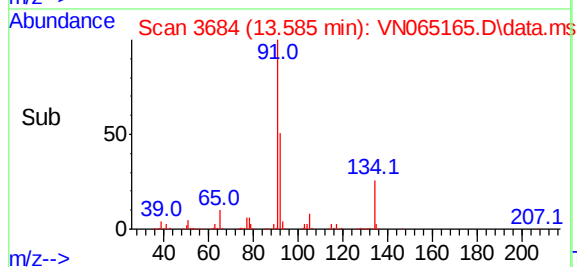
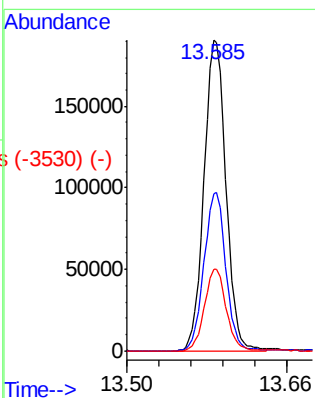
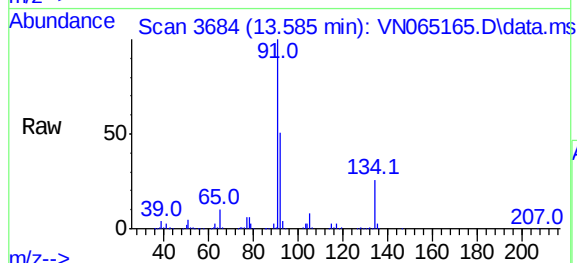


#3672 (-)
n-Butylbenzene
Concen: 17.77 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 299734

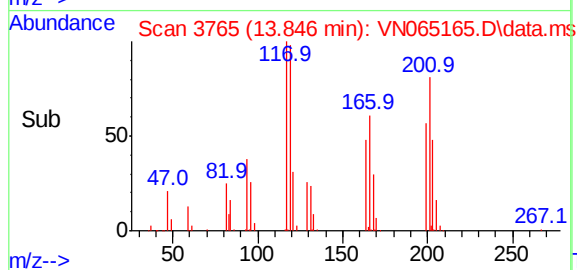
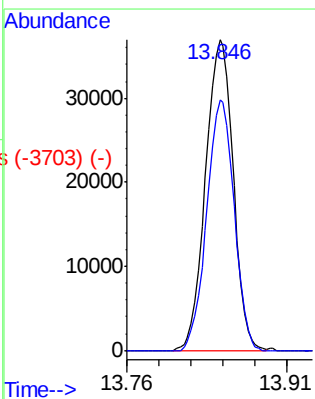
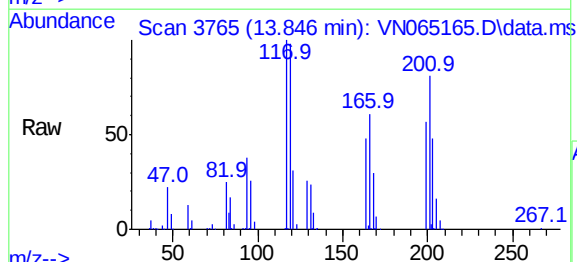
Ion	Ratio	Lower	Upper
91	100		
92	50.8	0.0	101.4
134	26.0	0.0	45.2

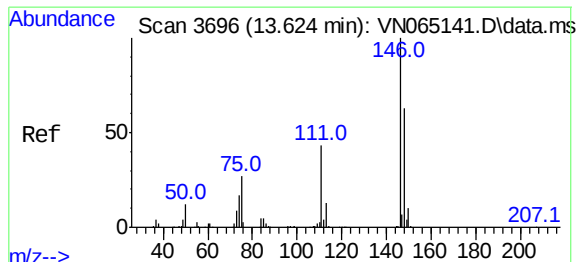


#3673 (-)
Hexachloroethane
Concen: 17.40 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 117 Resp: 63902

Ion	Ratio	Lower	Upper
117	100		
201	80.1	33.1	99.3

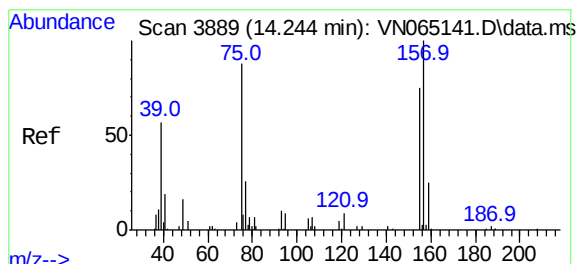
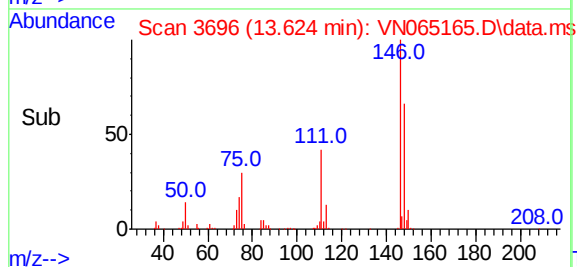
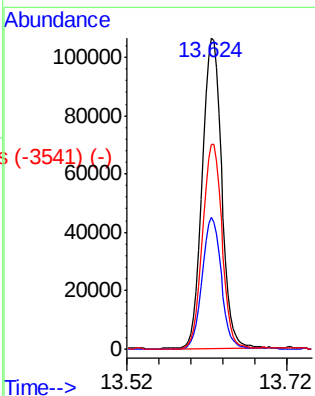
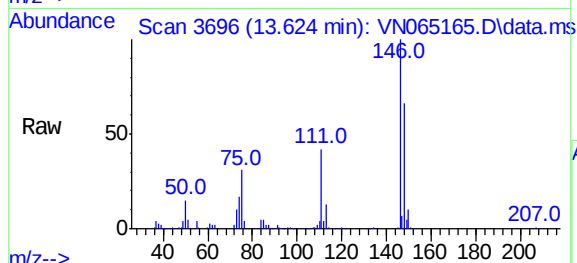




#3696 (-)
1,2-Dichlorobenzene
Concen: 17.89 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

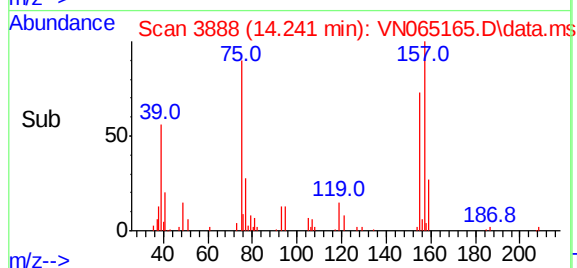
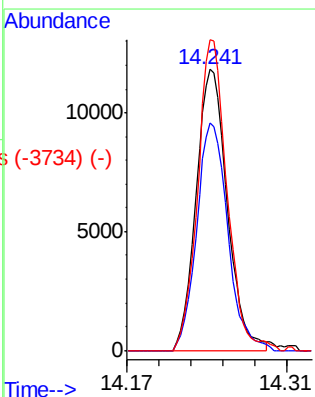
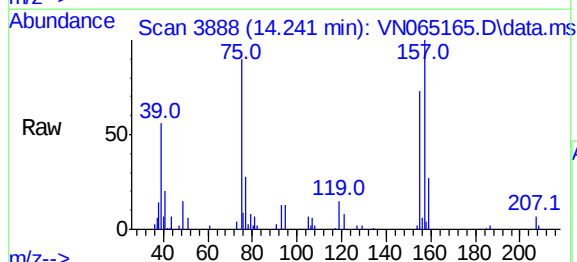
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

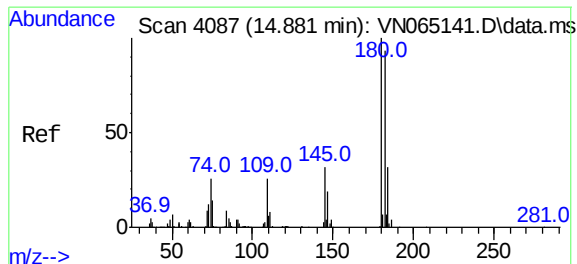
Tgt Ion:146 Resp: 185800
Ion Ratio Lower Upper
146 100
111 41.4 23.1 69.2
148 66.3 32.6 97.8



#3889 (-)
1,2-Dibromo-3-Chloropropane
Concen: 18.04 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion: 75 Resp: 22066
Ion Ratio Lower Upper
75 100
155 80.9 56.5 84.7
157 103.0 69.7 104.5

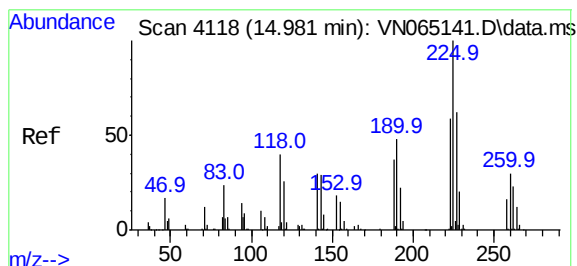
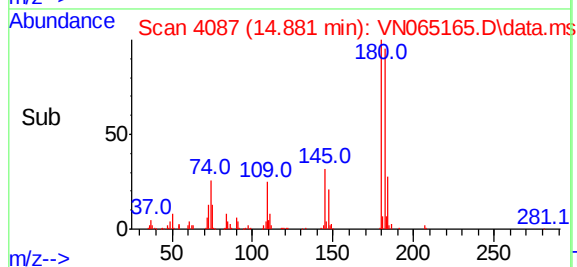
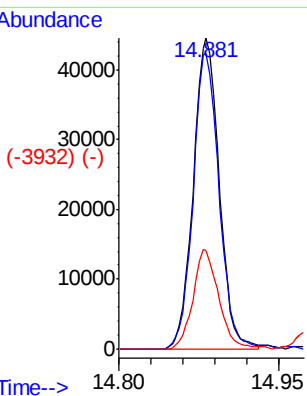
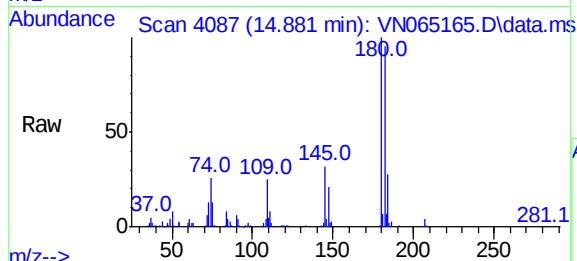




#2975 (-)
 1,2,4-Trichlorobenzene
 Concen: 15.87 ug/l
 RT: 14.881 min Scan# 4087
 Delta R.T. -0.000 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

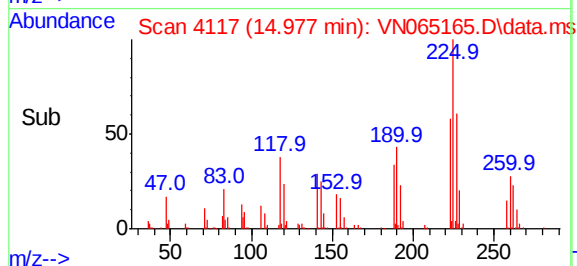
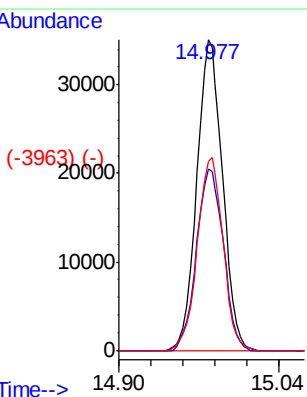
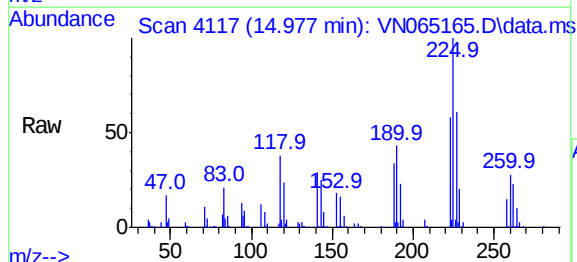
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

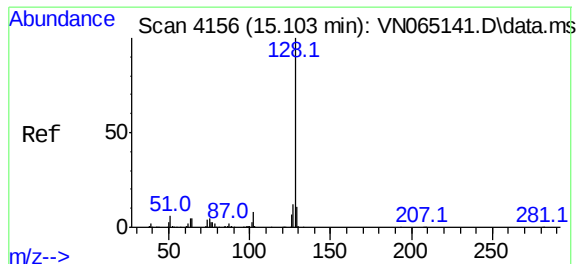
Tgt Ion:	180	Resp:	74225
Ion Ratio	Lower	Upper	
180	100		
182	95.6	79.4	119.0
145	31.7	27.6	41.4



#29105 (-)
 Hexachlorobutadiene
 Concen: 19.07 ug/l
 RT: 14.977 min Scan# 4117
 Delta R.T. -0.003 min
 Lab File: VN065165.D
 Acq: 16 Dec 2020 9:59

Tgt Ion:	225	Resp:	56303
Ion Ratio	Lower	Upper	
225	100		
223	61.1	0.0	125.4
227	62.1	0.0	122.0

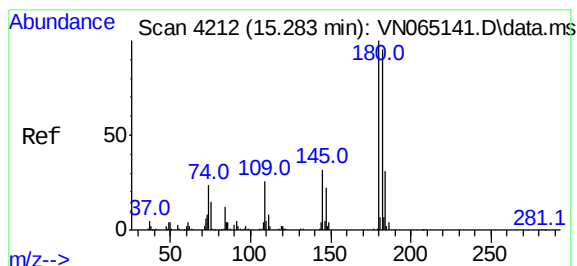
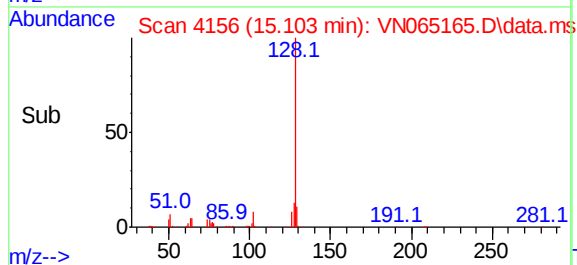
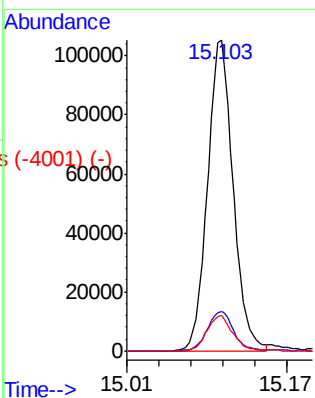
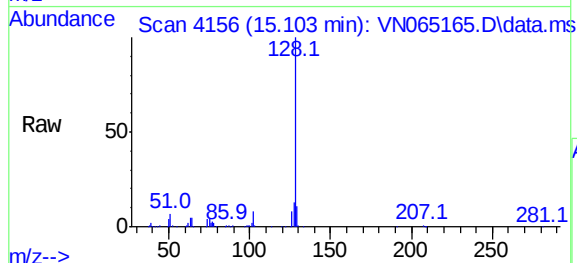




#4142 (-)
Naphthalene
Concen: 14.18 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	128	Resp:	187035
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.5	12.7



#4219 (-)
1,2,3-Trichlorobenzene
Concen: 15.67 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. -0.000 min
Lab File: VN065165.D
Acq: 16 Dec 2020 9:59

Tgt Ion:	180	Resp:	69051
Ion	Ratio	Lower	Upper
180	100		
182	97.4	0.0	186.0
145	32.4	0.0	69.6

