

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\Not Reviewed Data\
 Data File : VN065140.D
 Acq On : 15 Dec 2020 13:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 17:59:05 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	7.145	128	67276	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	345308	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	321217	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.981	65	166627	36.18	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 120.60%#			
60) 4-Bromofluorobenzene	12.373	95	147121	29.15	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.17%			
63) Toluene-d8	10.055	98	549704	35.45	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 118.17%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	18419	4.83	ug/l	99
3) Chloromethane	2.036	50	20043	4.56	ug/l	98
4) Vinyl Chloride	2.165	62	28752	5.94	ug/l	98
5) Bromomethane	2.531	94	27378	8.06	ug/l	98
6) Chloroethane	2.669	64	21261	7.37	ug/l	96
7) Trichlorofluoromethane	2.985	101	51857	7.24	ug/l	92
8) Diethyl Ether	3.374	74	10689	4.67	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.718	101	18931	5.12	ug/l	59
10) 1,1-Dichloroethene	3.695	96	17377	4.85	ug/l	80
11) Methyl Iodide	3.914	142	20218	4.06	ug/l	94
13) Acrolein	3.566	56	9797	21.22	ug/l	99
14) Acrylonitrile	4.930	53	30340	18.97	ug/l	96
15) Acetone	3.775	58	12484	24.86	ug/l	90
16) Carbon Disulfide	4.010	76	49094	4.65	ug/l	99
17) Allyl chloride	4.274	41	23192	4.47	ug/l	83
18) Methylene Chloride	4.502	84	20964	4.97	ug/l	87
19) trans-1,2-Dichloroethene	4.991	96	18184	4.67	ug/l	92
20) Diisopropyl ether	5.894	45	85070	6.64	ug/l #	87
21) 1,1-Dichloroethane	5.795	63	51972	6.72	ug/l	96
22) cis-1,2-Dichloroethene	6.775	96	20376	4.64	ug/l #	81
23) tert-Butyl Alcohol	4.718	59	5453	10.55	ug/l #	100
24) Methyl tert-Butyl Ether	4.981	73	48894	4.50	ug/l #	88
25) Chloroform	7.322	83	38207	5.23	ug/l	93
26) Cyclohexane	7.608	56	22712	4.02	ug/l #	50
29) 1,1-Dichloropropene	7.746	75	25350	4.67	ug/l	87
30) 2-Butanone	6.779	43	48035	22.85	ug/l #	87
31) 2,2-Dichloropropane	6.759	77	11706	1.95	ug/l	95
32) 1,1,1-Trichloroethane	7.525	97	35792	5.54	ug/l	92
33) Carbon Tetrachloride	7.730	117	31303	5.36	ug/l	96
34) Benzene	7.997	78	77501	4.72	ug/l #	62
35) Methacrylonitrile	7.123	41	9245	4.49	ug/l	98
36) 1,2-Dichloroethane	8.081	62	32839	5.84	ug/l #	96
37) Trichloroethene	8.798	130	22283	4.97	ug/l	93
38) Methylcyclohexane	9.045	83	35080	5.41	ug/l	97
39) 1,2-Dichloropropane	9.081	63	23624	5.35	ug/l	99
40) Dibromomethane	9.171	93	20777	6.72	ug/l	86
41) Bromodichloromethane	9.364	83	42449	6.75	ug/l	96
42) Vinyl Acetate	5.840	43	318596	31.79	ug/l	97

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 ALS Vial : 3 Sample Multiplier: 1

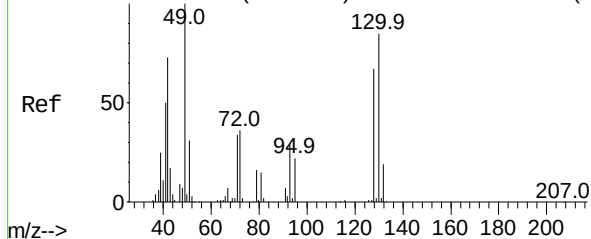
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 17:59:05 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)
43) Ethyl Acetate	6.881	43	17929	4.14	ug/l #	79
44) Isopropyl Acetate	8.123	43	33926	4.68	ug/l #	92
45) 1,4-Dioxane	9.168	88	7050	106.98	ug/l #	81
46) Methyl methacrylate	9.164	41	21191	5.74	ug/l	84
47) n-amyl Acetate	12.045	43	23489	3.92	ug/l	94
48) t-1,3-Dichloropropene	10.351	75	28014	4.56	ug/l	97
49) cis-1,3-Dichloropropene	9.807	75	36595	5.24	ug/l	91
50) 1,1,2-Trichloroethane	10.528	97	20089	5.00	ug/l	93
51) Ethyl methacrylate	10.399	69	20826	3.88	ug/l	97
52) 1,3-Dichloropropane	10.676	76	31312	4.70	ug/l	99
53) Dibromochloromethane	10.872	129	22720	4.89	ug/l	95
54) 1,2-Dibromoethane	10.975	107	20937	5.00	ug/l	93
55) 2-Chloroethyl vinyl ether	9.659	63	62468	22.95	ug/l	96
56) Bromoform	12.093	173	14393	4.55	ug/l #	38
58) 4-Methyl-2-Pentanone	9.949	43	144948	30.97	ug/l	95
59) 2-Hexanone	10.721	43	69419	22.34	ug/l	97
61) Tetrachloroethene	10.598	164	25827	5.53	ug/l	85
62) Toluene	10.122	91	86118	4.84	ug/l	98
64) Chlorobenzene	11.402	112	52952	4.77	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.476	131	20756	4.93	ug/l	96
66) Ethyl Benzene	11.483	91	83734	4.44	ug/l	98
67) m/p-Xylenes	11.592	106	61959	8.44	ug/l	98
68) o-Xylene	11.920	106	29423	4.24	ug/l	99
69) Styrene	11.936	104	45867	3.97	ug/l	98
70) Isopropylbenzene	12.222	105	77296	4.26	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.476	83	24322	4.63	ug/l	94
72) 1,2,3-Trichloropropane	12.528	75	33836	6.72	ug/l	59
73) Bromobenzene	12.499	156	21476	4.56	ug/l	84
74) n-propylbenzene	12.563	91	89426	4.32	ug/l	97
75) 2-Chlorotoluene	12.647	91	56025	4.45	ug/l	96
76) 1,3,5-Trimethylbenzene	12.704	105	67614	4.32	ug/l	96
77) t-1,4-Dichloro-2-butene	12.274	75	6874	3.86	ug/l	89
78) 4-Chlorotoluene	12.746	91	54833	4.26	ug/l	94
79) tert-butylbenzene	12.965	119	54850	4.18	ug/l	96
80) 1,2,4-Trimethylbenzene	13.013	105	63751	4.11	ug/l	97
81) sec-Butylbenzene	13.145	105	72747	4.27	ug/l	99
82) p-Isopropyltoluene	13.261	119	74084	4.62	ug/l	98
83) 1,3-Dichlorobenzene	13.257	146	40505	4.83	ug/l	97
84) 1,4-Dichlorobenzene	13.338	146	53562	6.10	ug/l	97
85) n-Butylbenzene	13.589	91	79504	5.62	ug/l	96
86) Hexachloroethane	13.846	117	19518	6.34	ug/l	88
87) 1,2-Dichlorobenzene	13.624	146	55076	6.33	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.245	75	5954	5.81	ug/l #	74
89) 1,2,4-Trichlorobenzene	14.881	180	15848	4.04	ug/l	99
90) Hexachlorobutadiene	14.978	225	17687	7.15	ug/l	97
91) Naphthalene	15.106	128	41832	3.78	ug/l	98
92) 1,2,3-Trichlorobenzene	15.283	180	16346	4.43	ug/l	98

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

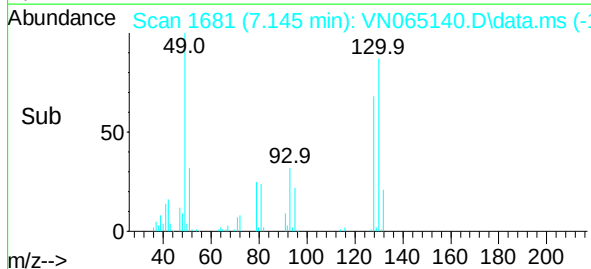
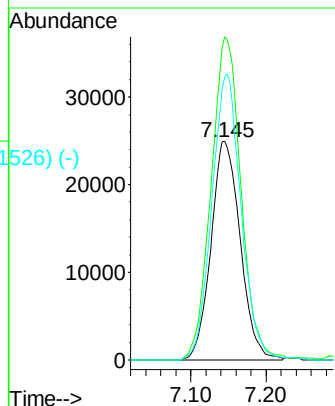
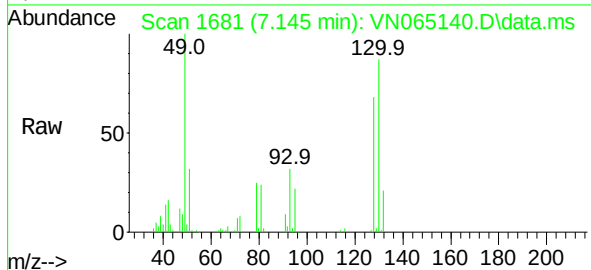
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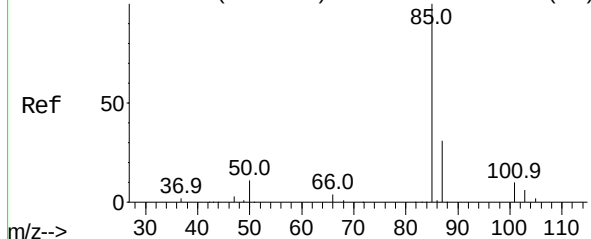
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.145 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 67276
Ion Ratio Lower Upper
128 100
49 150.3 0.0 475.5
130 131.0 0.0 315.3

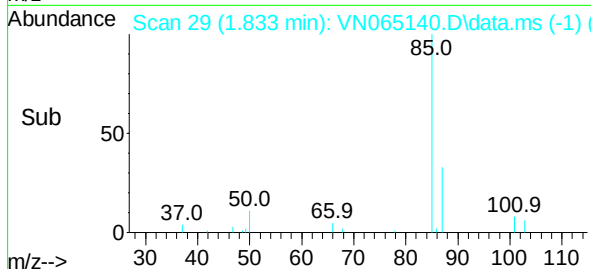
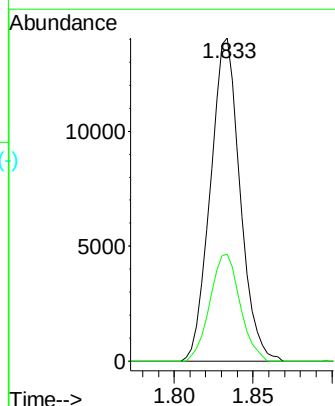
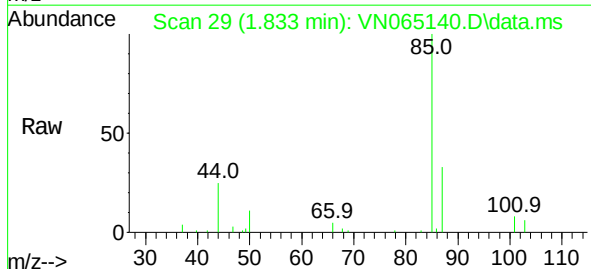


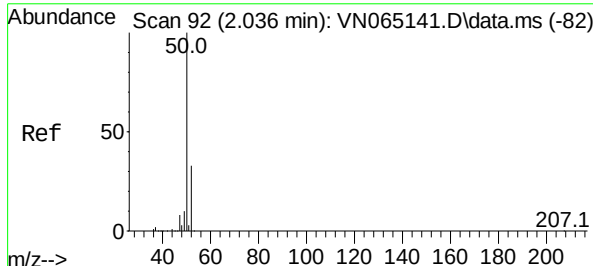
Abundance Scan 29 (1.833 min): VN065141.D\data.ms (-19) (#2)



Dichlorodifluoromethane
Concen: 4.83 ug/l
RT: 1.833 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 85 Resp: 18419
Ion Ratio Lower Upper
85 100
87 33.1 17.0 50.9

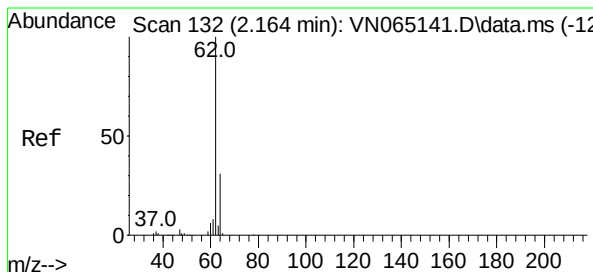
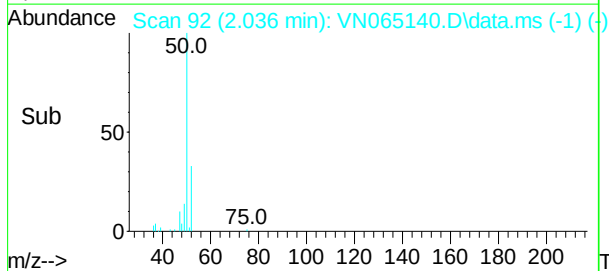
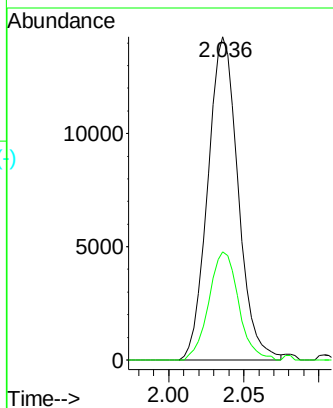
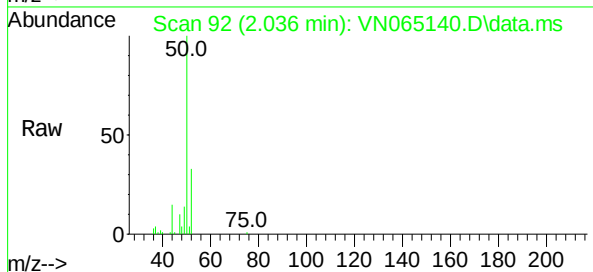




Chloromethane
 Concen: 4.56 ug/l
 RT: 2.036 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

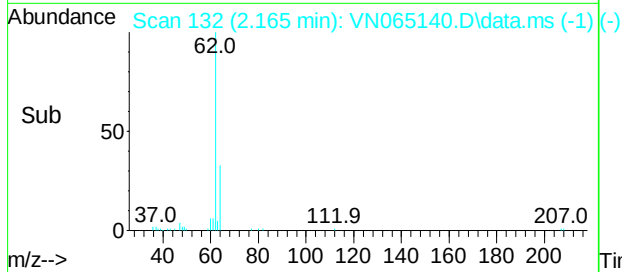
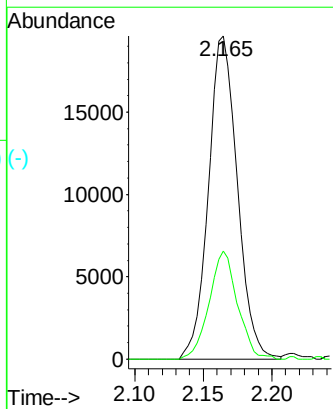
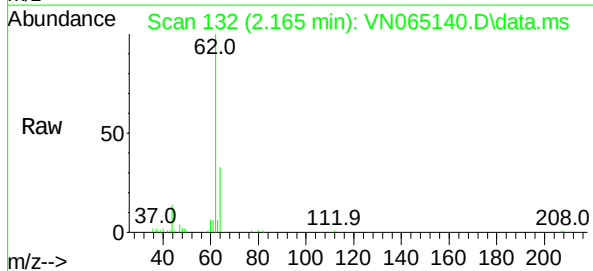
Instrument :
 MSVOA_N
 ClientSampleId :

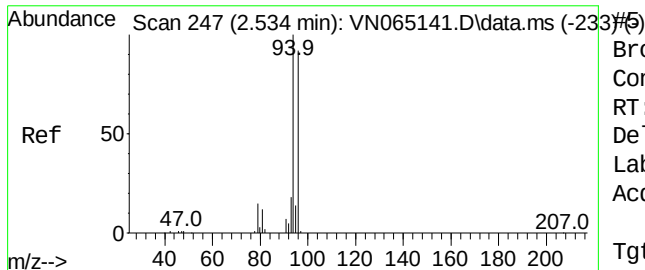
Tgt Ion: 50 Resp: 20043
 Ion Ratio Lower Upper
 50 100
 52 33.4 26.0 39.0



Vinyl Chloride
 Concen: 5.94 ug/l
 RT: 2.165 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion: 62 Resp: 28752
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.8 38.8

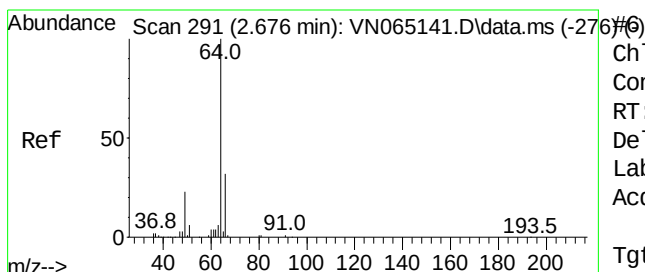
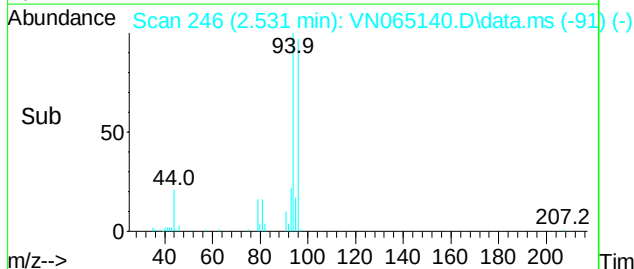
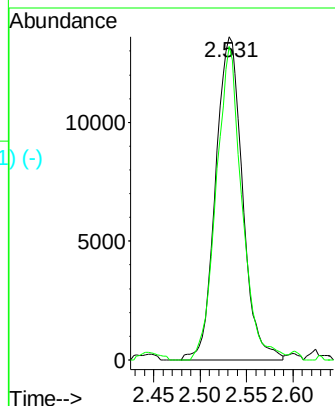
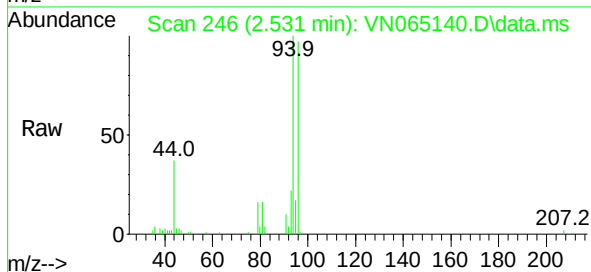




Bromomethane
Concen: 8.06 ug/l
RT: 2.531 min Scan# 246
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

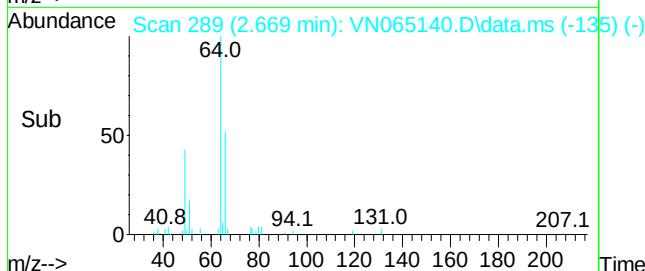
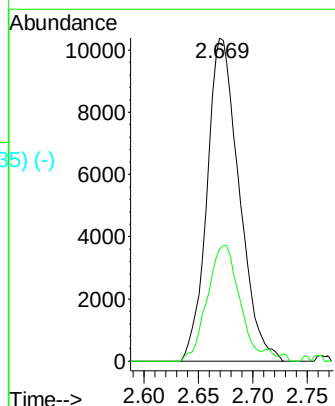
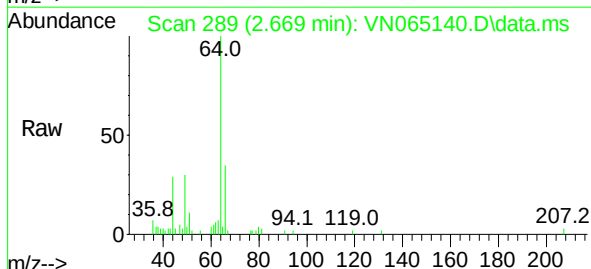
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 94 Resp: 27378
Ion Ratio Lower Upper
94 100
96 97.0 79.3 118.9

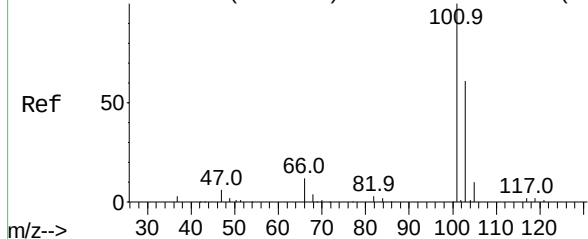


Chloroethane
Concen: 7.37 ug/l
RT: 2.669 min Scan# 289
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 64 Resp: 21261
Ion Ratio Lower Upper
64 100
66 34.6 26.0 39.0



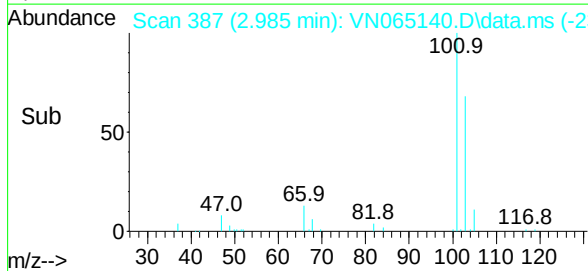
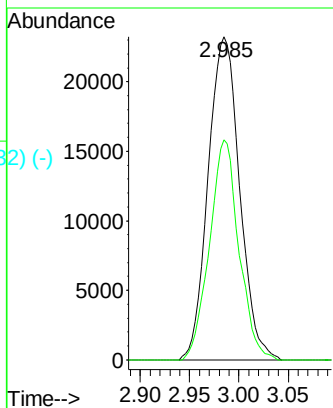
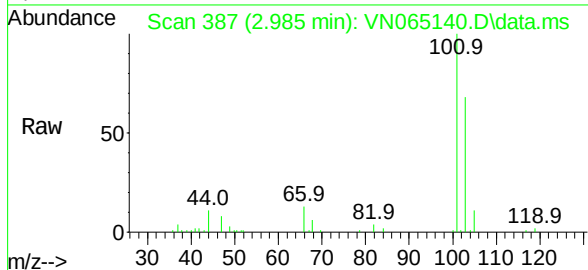
Abundance Scan 388 (2.988 min): VN065141.D\data.ms (-371) #7



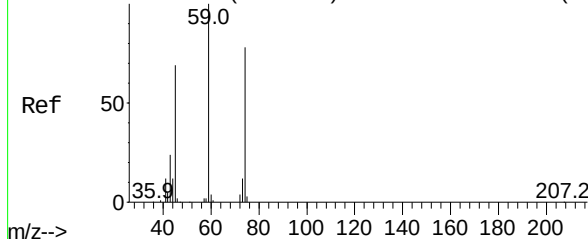
Trichlorofluoromethane
Concen: 7.24 ug/l
RT: 2.985 min Scan# 387
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.1	49.3	73.9

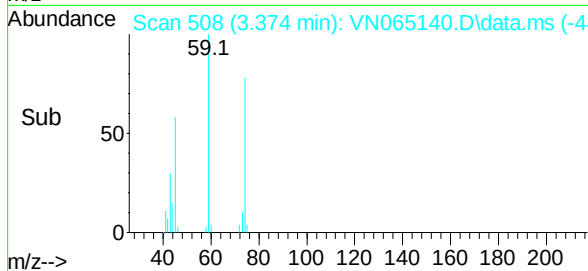
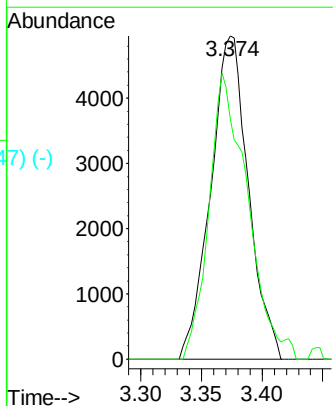
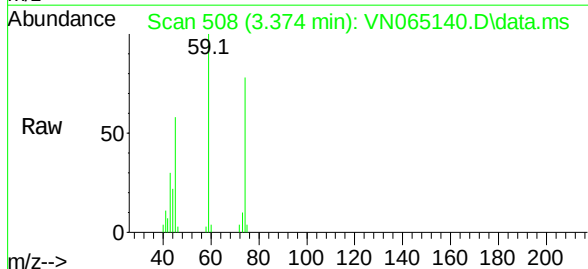


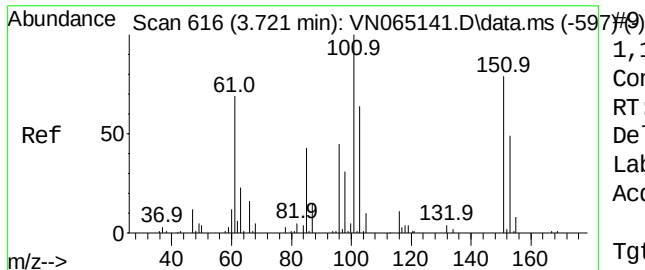
Abundance Scan 509 (3.377 min): VN065141.D\data.ms (-494) #8



Diethyl Ether
Concen: 4.67 ug/l
RT: 3.374 min Scan# 508
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.9	22.1	198.5

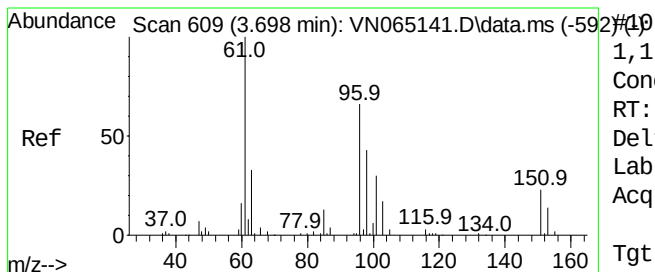
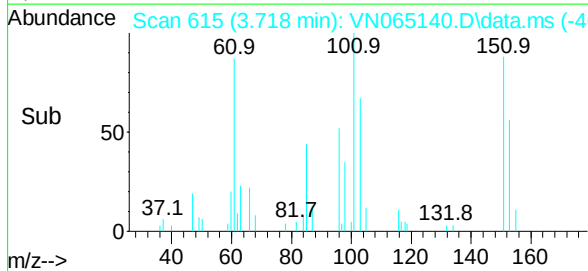
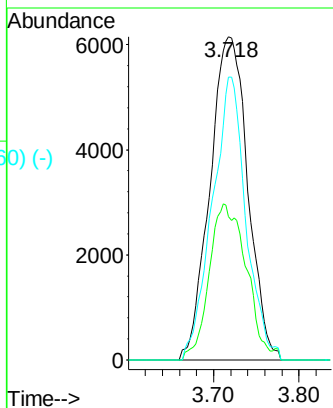
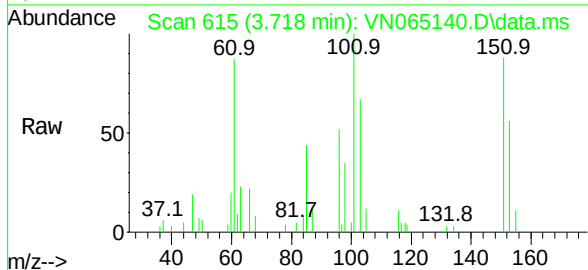




1,1,2-Trichlorotrifluoroethane
 Concen: 5.12 ug/l
 RT: 3.718 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

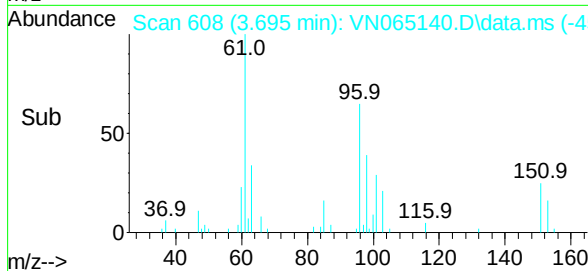
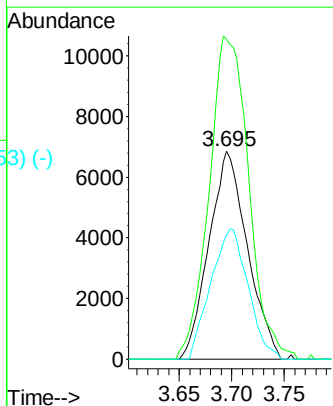
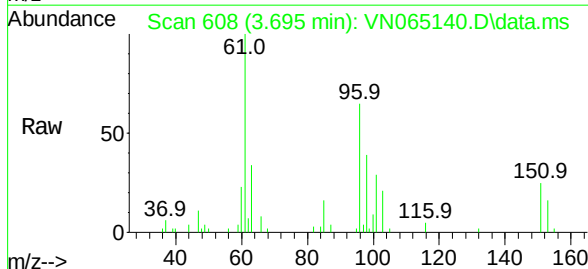
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	101	Resp:	18931
Ion	Ratio	Lower	Upper
101	100		
85	28.2	0.0	49.0
151	77.7	0.0	80.2



1,1-Dichloroethene
 Concen: 4.85 ug/l
 RT: 3.695 min Scan# 608
 Delta R.T. -0.003 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

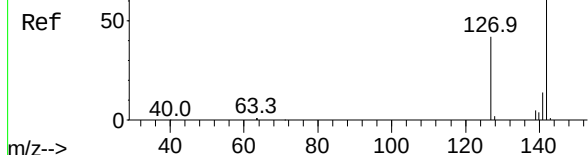
Tgt Ion:	96	Resp:	17377
Ion	Ratio	Lower	Upper
96	100		
61	150.1	149.2	223.8
98	59.6	49.6	74.4



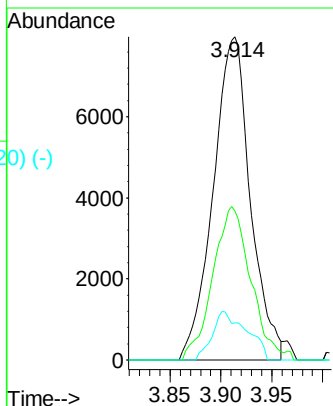
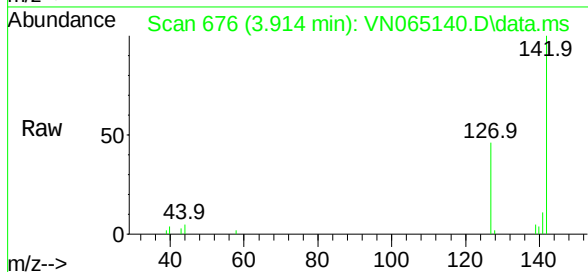
Abundance Scan 676 (3.914 min): VN065141.D\data.ms (-657) #11

Methyl Iodide
Concen: 4.06 ug/l
RT: 3.914 min Scan# 676
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

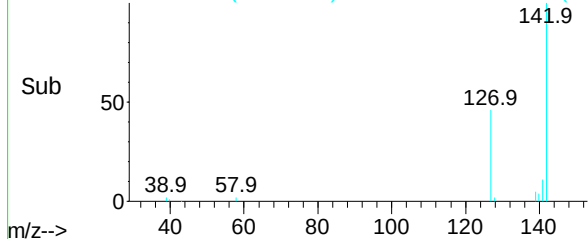
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	142	Resp:	20218
Ion	Ratio	Lower	Upper
142	100		
127	46.2	24.7	74.1
141	11.7	7.8	23.3



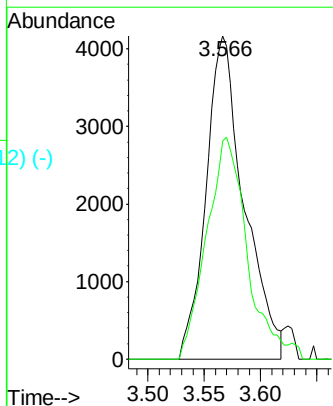
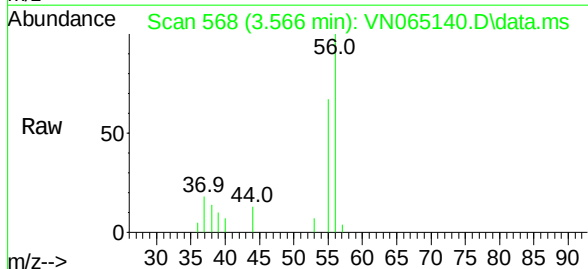
Abundance Scan 676 (3.914 min): VN065140.D\data.ms (-520) (-)



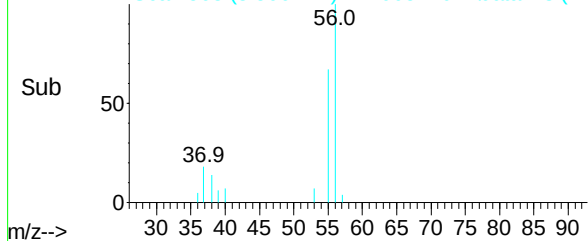
Abundance Scan 568 (3.566 min): VN065141.D\data.ms (-553) #13

Acrolein
Concen: 21.22 ug/l
RT: 3.566 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	56	Resp:	9797
Ion	Ratio	Lower	Upper
56	100		
55	72.0	58.2	87.2



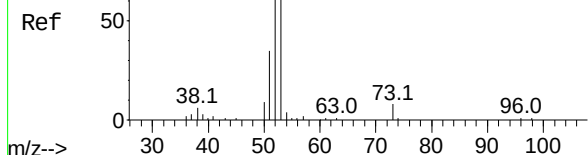
Abundance Scan 568 (3.566 min): VN065140.D\data.ms (-412) (-)



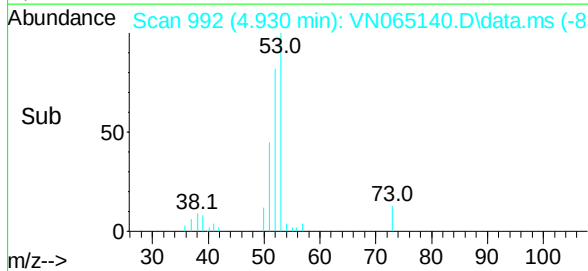
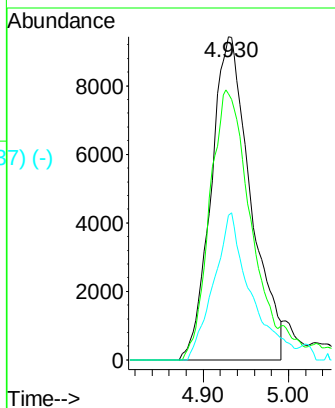
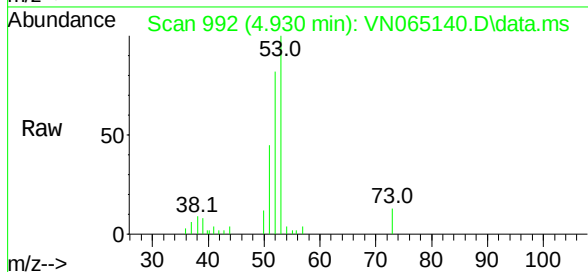
Abundance Scan 993 (4.933 min): VN065141.D\data.ms (-971) #14

Acrylonitrile
Concen: 18.97 ug/l
RT: 4.930 min Scan# 992
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :



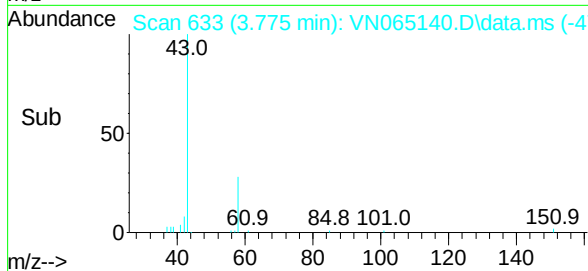
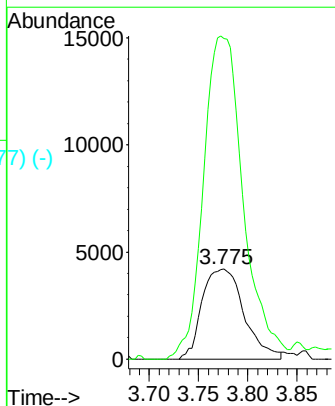
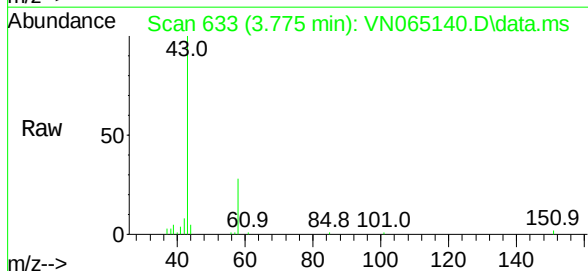
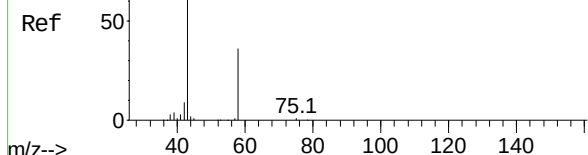
Tgt Ion:	53	Resp:	30340
Ion	Ratio	Lower	Upper
53	100		
52	84.9	41.3	124.1
51	42.7	18.9	56.5

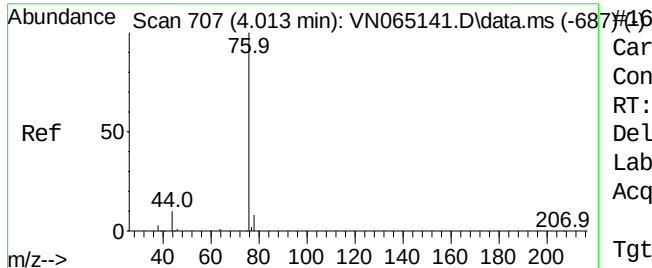


Abundance Scan 633 (3.775 min): VN065141.D\data.ms (-614) #15

Acetone
Concen: 24.86 ug/l
RT: 3.775 min Scan# 633
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	58	Resp:	12484
Ion	Ratio	Lower	Upper
58	100		
43	340.8	289.8	434.8

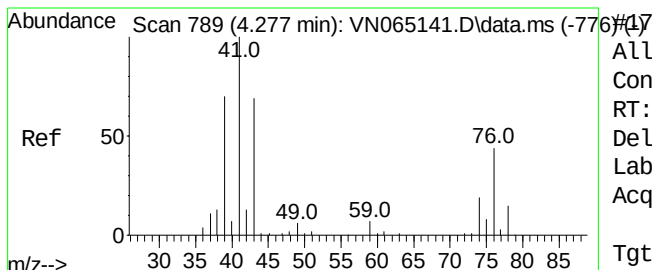
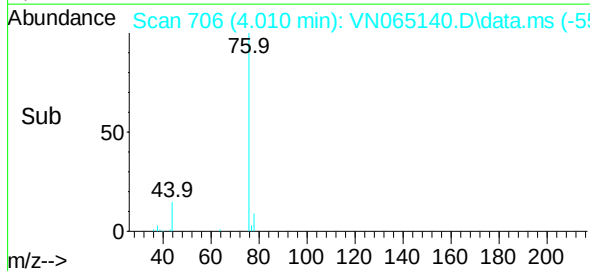
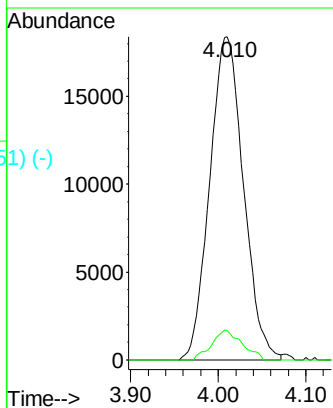
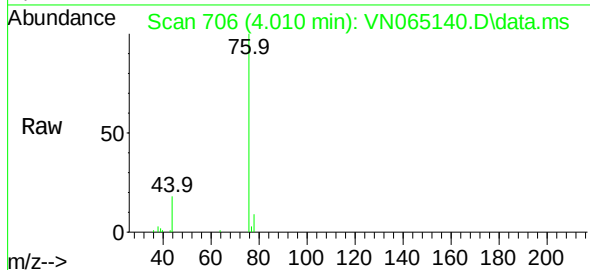




Carbon Disulfide
Concen: 4.65 ug/l
RT: 4.010 min Scan# 706
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

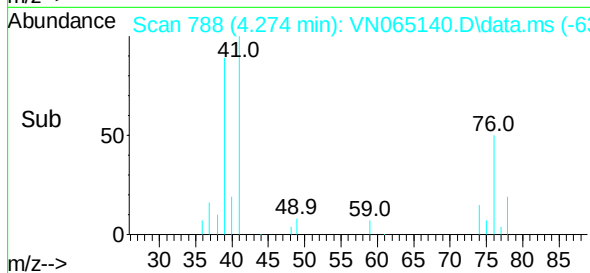
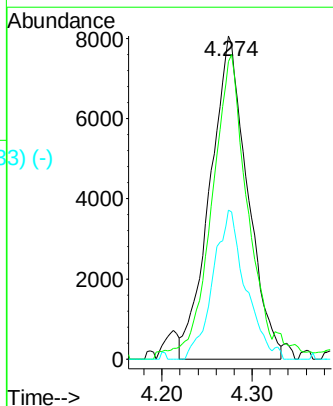
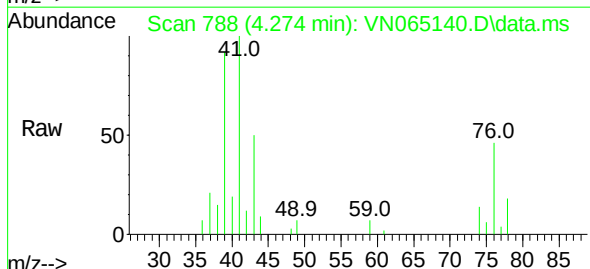
Instrument :
MSVOA_N
ClientSampled :

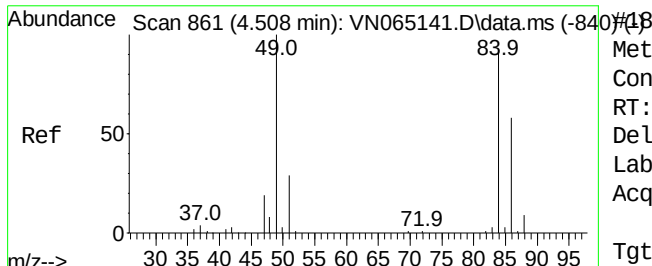
Tgt Ion: 76 Resp: 49094
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



Allyl chloride
Concen: 4.47 ug/l
RT: 4.274 min Scan# 788
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

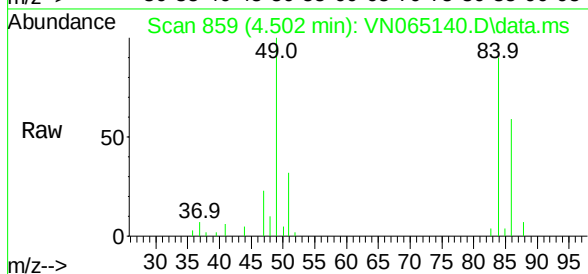
Tgt Ion: 41 Resp: 23192
Ion Ratio Lower Upper
41 100
39 92.2 40.3 120.8
76 48.1 16.8 50.3



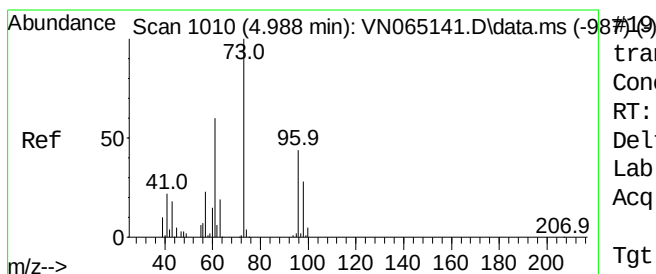
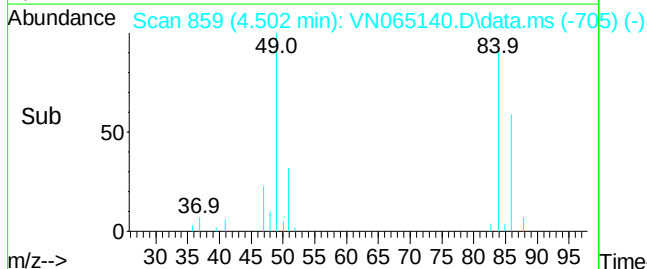
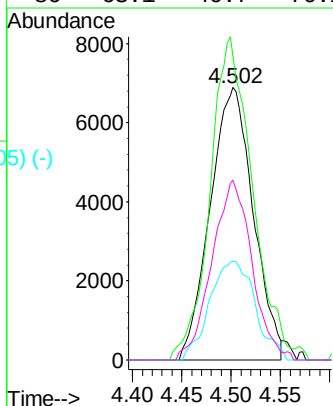


Methylene Chloride
 Concen: 4.97 ug/l
 RT: 4.502 min Scan# 859
 Delta R.T. -0.006 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

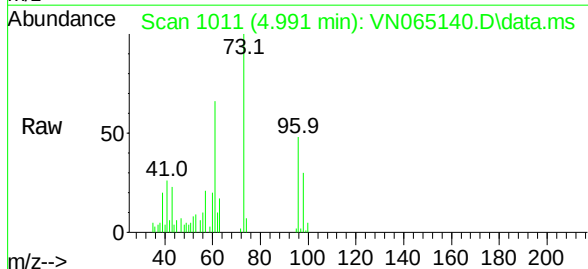
Instrument :
 MSVOA_N
 ClientSampleId :



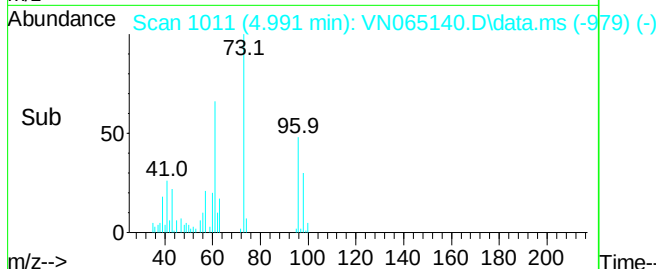
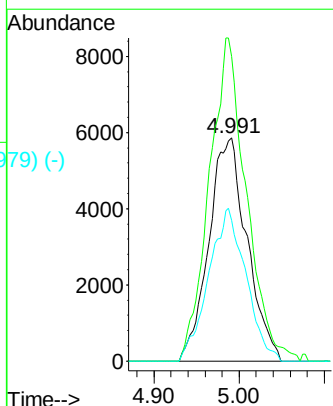
Tgt Ion:	84	Resp:	20964
Ion	Ratio	Lower	Upper
84	100		
49	106.1	102.1	153.1
51	36.1	32.6	48.8
86	63.1	46.7	70.1



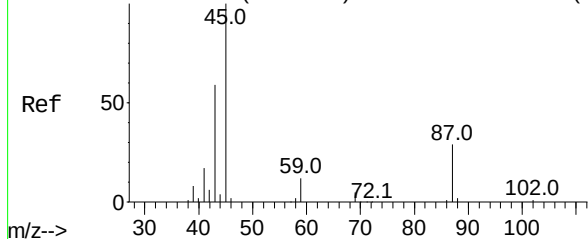
trans-1,2-Dichloroethene
 Concen: 4.67 ug/l
 RT: 4.991 min Scan# 1011
 Delta R.T. 0.003 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22



Tgt Ion:	96	Resp:	18184
Ion	Ratio	Lower	Upper
96	100		
61	136.5	120.1	180.1
98	63.0	49.1	73.7



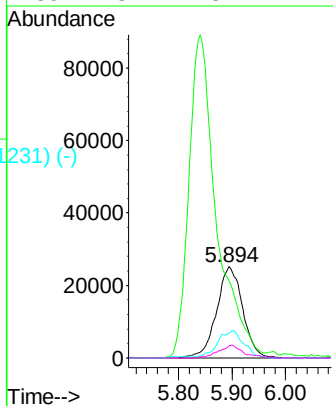
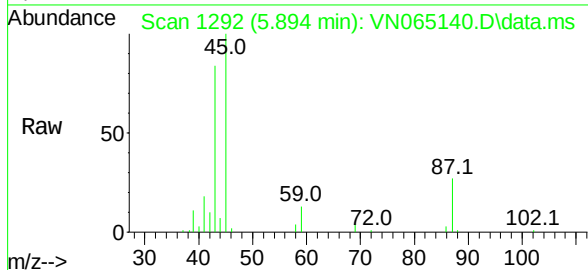
Abundance Scan 1293 (5.897 min): VN065141.D\data.ms (-12620)



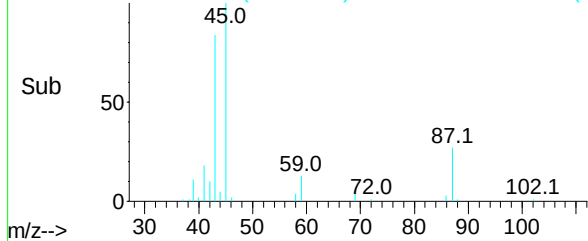
Diisopropyl ether
Concen: 6.64 ug/l
RT: 5.894 min Scan# 1292
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

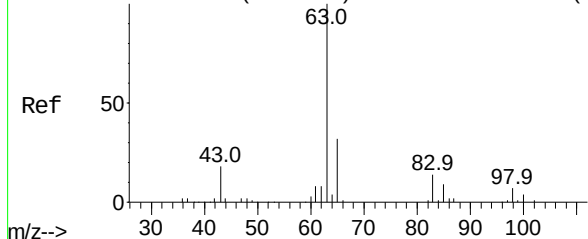
Tgt Ion:	45	Resp:	85070
Ion	Ratio	Lower	Upper
45	100		
43	80.7	53.1	79.7#
87	27.0	21.0	31.6
59	13.2	8.2	12.4#



Abundance Scan 1292 (5.894 min): VN065140.D\data.ms (-1231) (-)

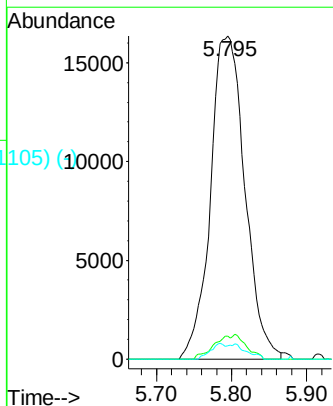
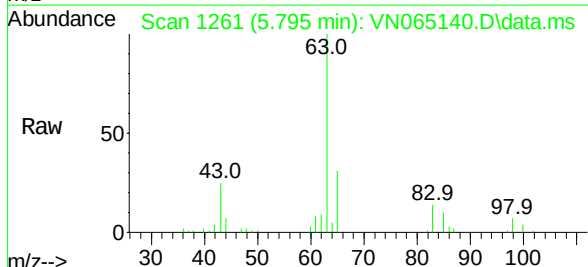


Abundance Scan 1261 (5.795 min): VN065141.D\data.ms (-12321)

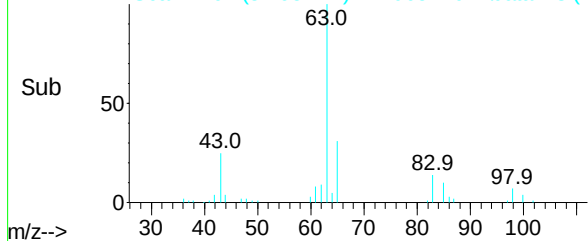


1,1-Dichloroethane
Concen: 6.72 ug/l
RT: 5.795 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	63	Resp:	51972
Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.6	8.0
100	4.1	1.7	5.1



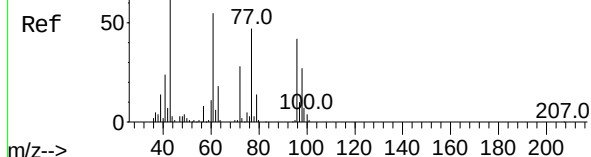
Abundance Scan 1261 (5.795 min): VN065140.D\data.ms (-1105) (1)



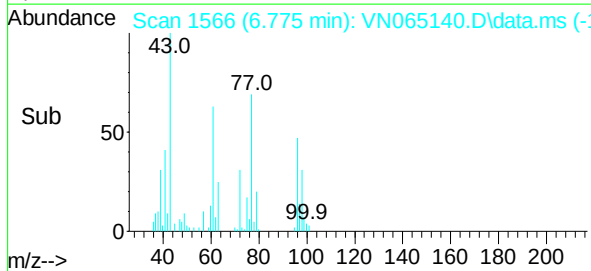
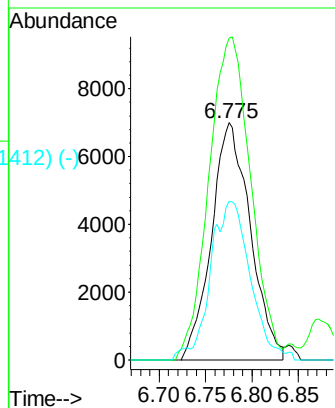
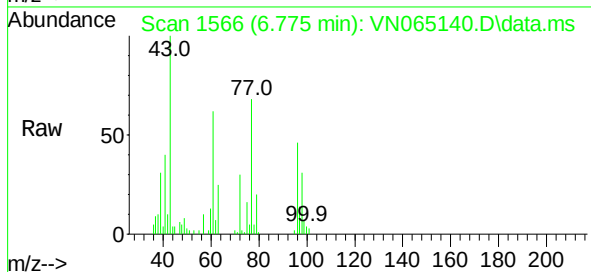
Abundance Scan 1568 (6.782 min): VN065141.D\data.ms (-15422-)

cis-1,2-Dichloroethene
Concen: 4.64 ug/l
RT: 6.775 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

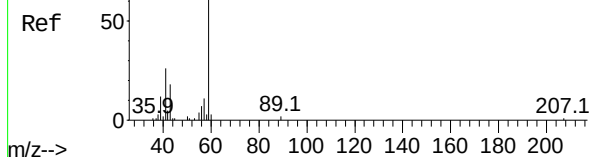


Tgt Ion: 96 Resp: 20376
Ion Ratio Lower Upper
96 100
61 146.6 136.1 204.1
98 46.6 51.8 77.8#

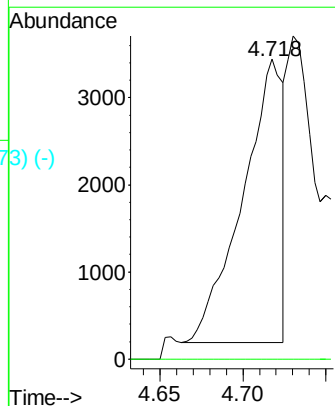
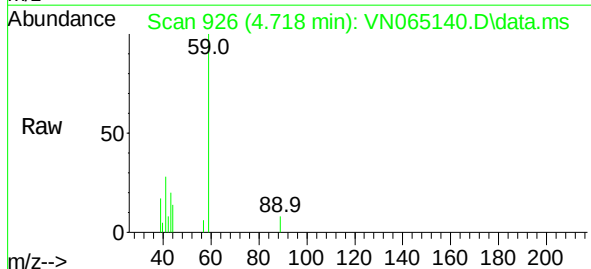


Abundance Scan 929 (4.727 min): VN065141.D\data.ms (-903723)

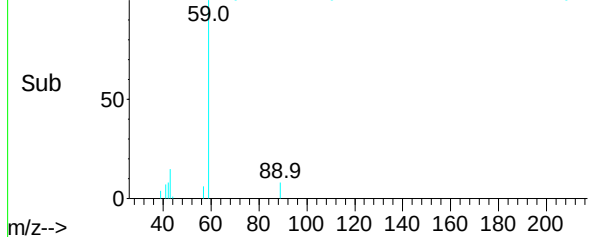
tert-Butyl Alcohol
Concen: 10.55 ug/l
RT: 4.718 min Scan# 926
Delta R.T. -0.010 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



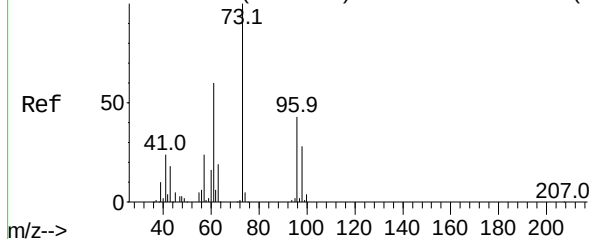
Tgt Ion: 59 Resp: 5453
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



Abundance Scan 926 (4.718 min): VN065140.D\data.ms (-773) (-)



Abundance Scan 1011 (4.991 min): VN065141.D\data.ms (-983) (-)

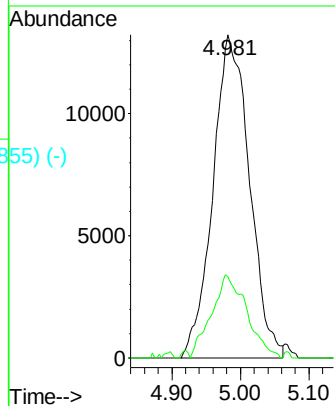
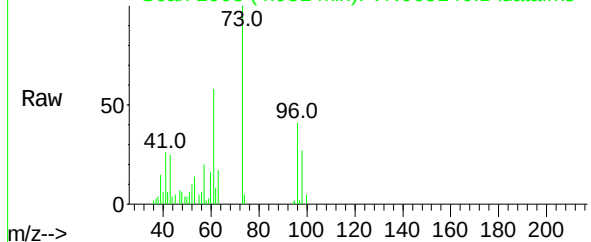


Methyl tert-Butyl Ether
Concen: 4.50 ug/l
RT: 4.981 min Scan# 1008
Delta R.T. -0.010 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

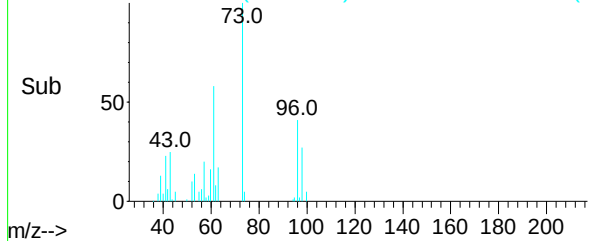
Tgt Ion: 73 Resp: 48894
Ion Ratio Lower Upper
73 100
43 17.5 10.2 15.2#

Instrument :
MSVOA_N
ClientSampled :

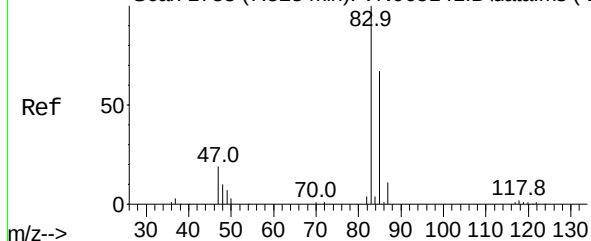
Abundance Scan 1008 (4.981 min): VN065140.D\data.ms



Abundance Scan 1008 (4.981 min): VN065140.D\data.ms (-855) (-)



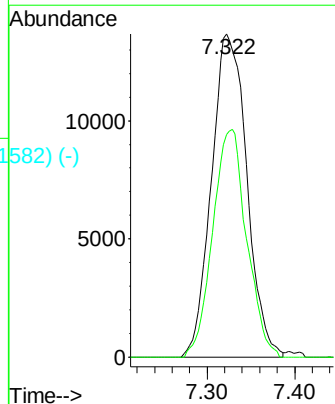
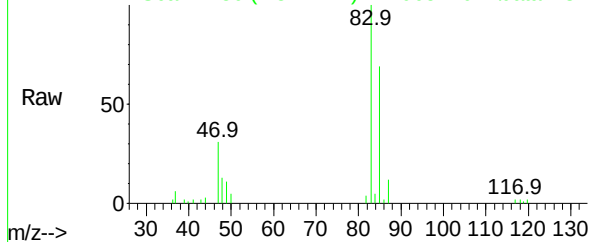
Abundance Scan 1738 (7.328 min): VN065141.D\data.ms (-1719) (-)



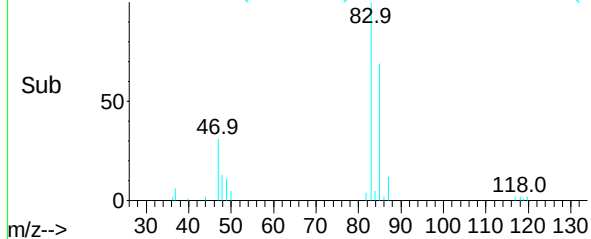
Chloroform
Concen: 5.23 ug/l
RT: 7.322 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 83 Resp: 38207
Ion Ratio Lower Upper
83 100
85 68.9 50.6 75.8

Abundance Scan 1736 (7.322 min): VN065140.D\data.ms



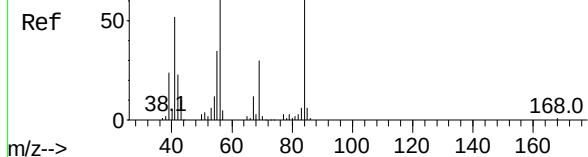
Abundance Scan 1736 (7.322 min): VN065140.D\data.ms (-1582) (-)



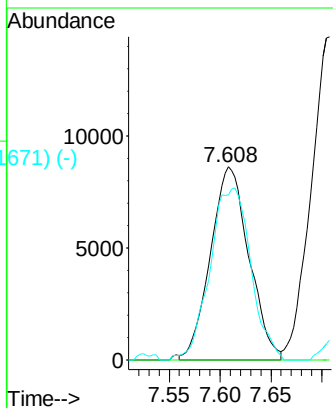
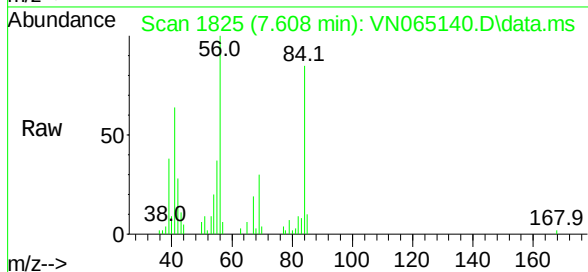
Abundance Scan 1827 (7.614 min): VN065141.D\data.ms (-18026-)

Cyclohexane
Concen: 4.02 ug/l
RT: 7.608 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

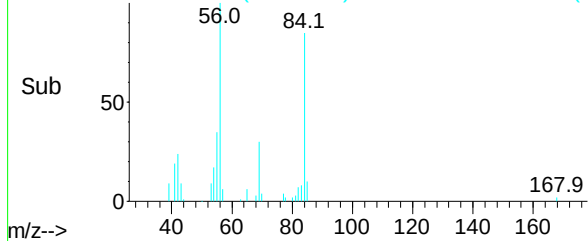
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	56	Resp:	22712
Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.6	0.8#
84	37.3	66.1	99.1#



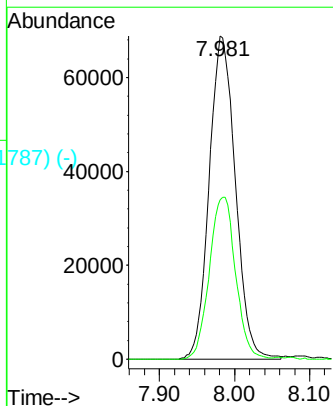
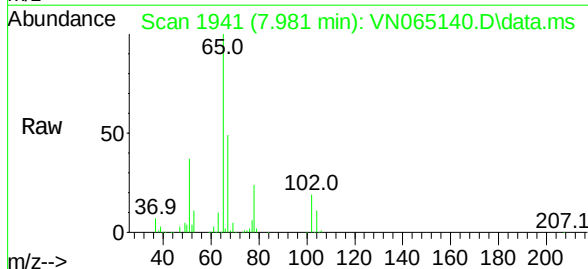
Abundance Scan 1825 (7.608 min): VN065140.D\data.ms (-1671) (-)



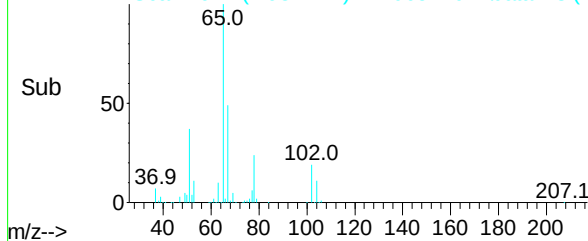
Abundance Scan 1943 (7.987 min): VN065141.D\data.ms (-19237-)

1,2-Dichloroethane-d4
Concen: 36.18 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

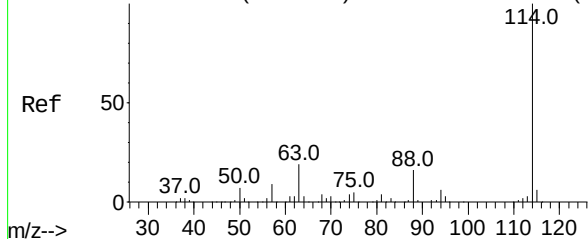
Tgt Ion:	65	Resp:	166627
Ion	Ratio	Lower	Upper
65	100		
67	50.1	41.1	61.7



Abundance Scan 1941 (7.981 min): VN065140.D\data.ms (-1787) (-)



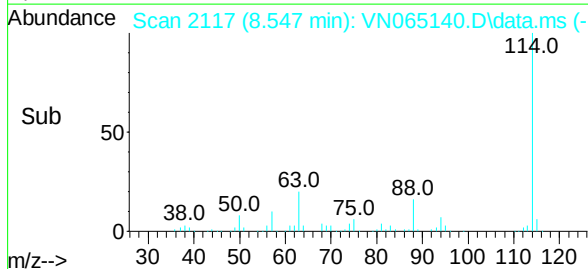
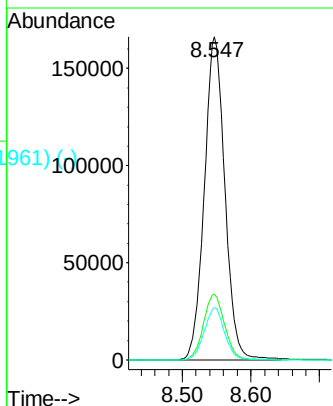
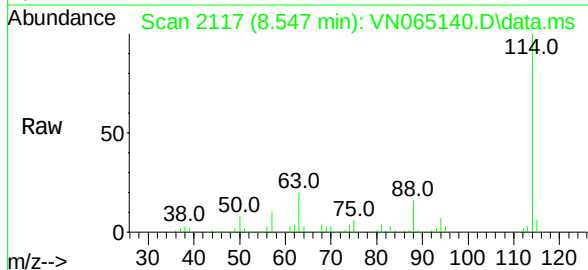
Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-18#29-)



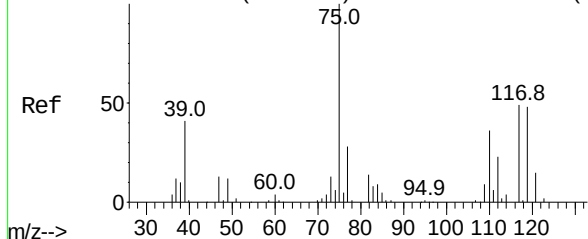
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	114	Resp:	345308
Ion	Ratio	Lower	Upper
114	100		
63	20.8	18.5	27.7
88	16.0	13.0	19.6

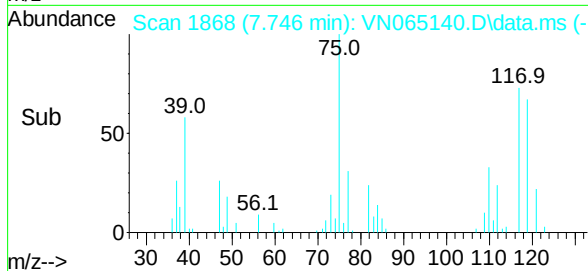
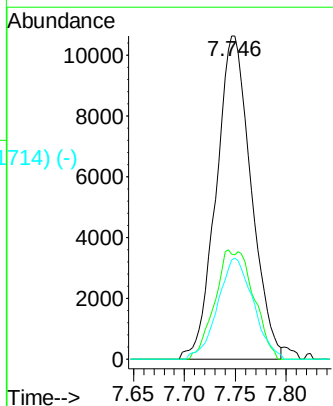
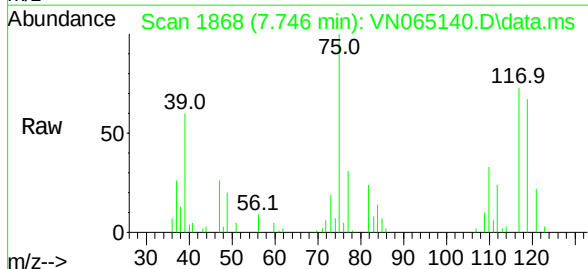


Abundance Scan 1870 (7.753 min): VN065141.D\data.ms (-18#29-)



1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.746 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

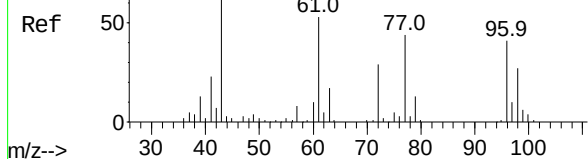
Tgt Ion:	75	Resp:	25350
Ion	Ratio	Lower	Upper
75	100		
110	20.2	0.0	66.4
77	31.8	0.0	62.0



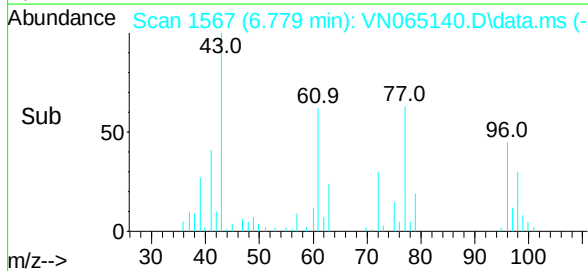
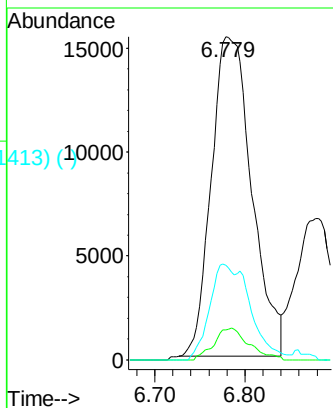
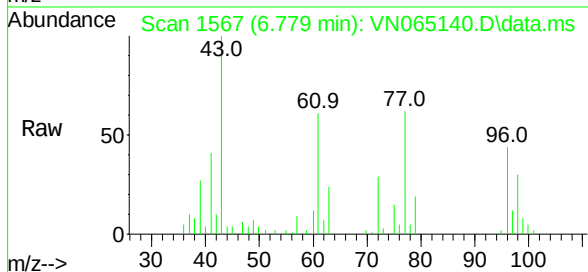
Abundance Scan 1569 (6.785 min): VN065141.D\data.ms (-15430-)

2-Butanone
Concen: 22.85 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

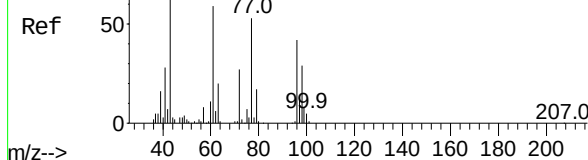


Tgt Ion:	43	Resp:	48035
Ion	Ratio	Lower	Upper
43	100		
57	3.3	6.2	9.4#
72	17.7	9.9	14.9#

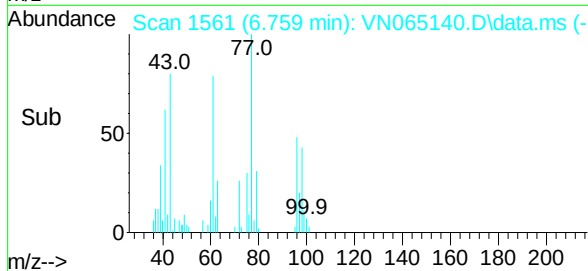
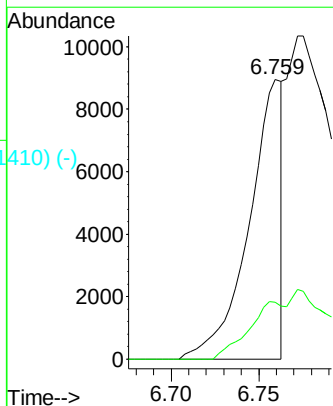
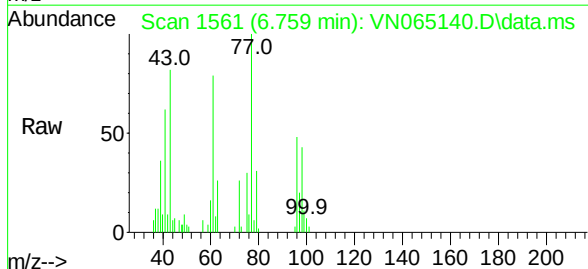


Abundance Scan 1566 (6.775 min): VN065141.D\data.ms (-15431-)

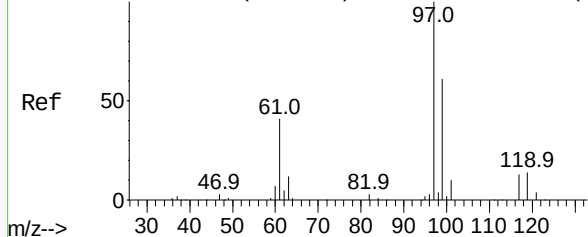
2,2-Dichloropropane
Concen: 1.95 ug/l
RT: 6.759 min Scan# 1561
Delta R.T. -0.016 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	77	Resp:	11706
Ion	Ratio	Lower	Upper
77	100		
97	23.3	16.9	25.3



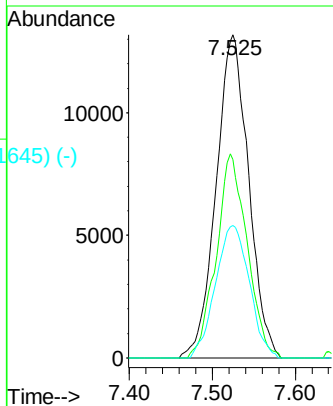
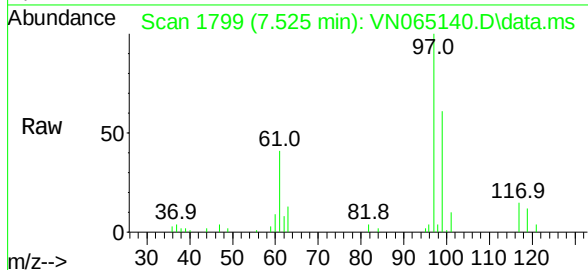
Abundance Scan 1801 (7.531 min): VN065141.D\data.ms (-1792-)



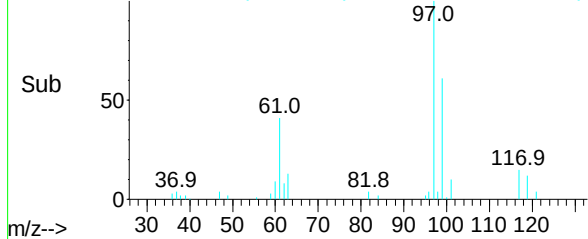
1,1,1-Trichloroethane
Concen: 5.54 ug/l
RT: 7.525 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

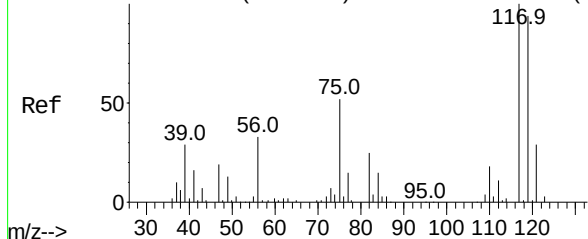
Tgt Ion:	97	Resp:	35792
Ion	Ratio	Lower	Upper
97	100		
99	60.0	51.8	77.8
61	42.7	39.4	59.0



Abundance Scan 1799 (7.525 min): VN065140.D\data.ms (-1645-)

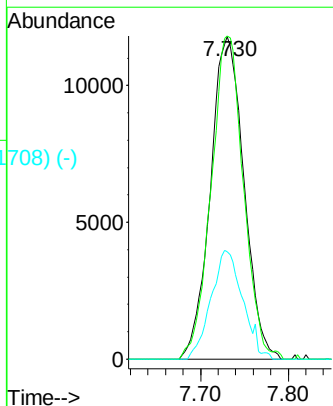
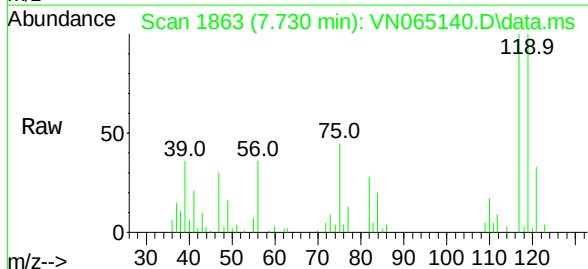


Abundance Scan 1864 (7.733 min): VN065141.D\data.ms (-1843-)

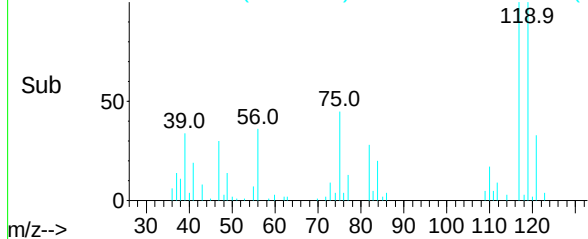


Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 7.730 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

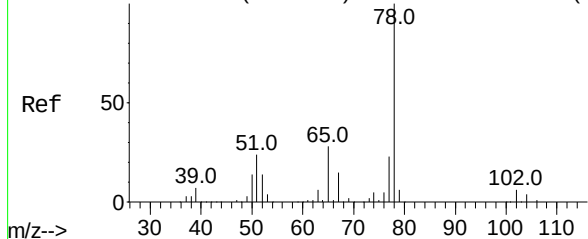
Tgt Ion:	117	Resp:	31303
Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.9	116.9
121	33.4	24.0	36.0



Abundance Scan 1863 (7.730 min): VN065140.D\data.ms (-1708-)



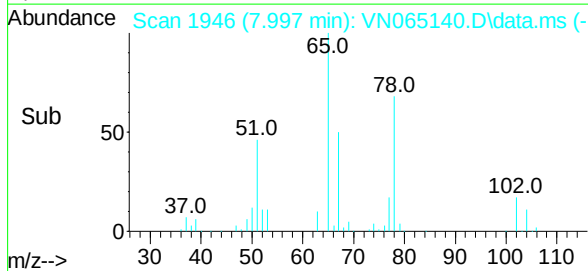
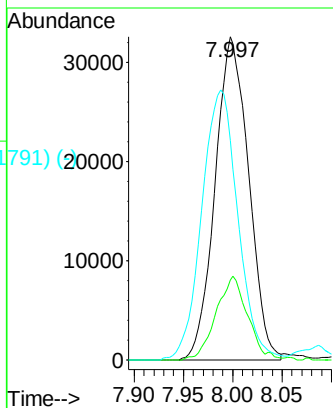
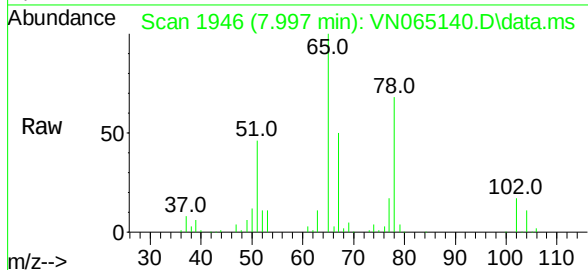
Abundance Scan 1947 (8.000 min): VN065141.D\data.ms (-19784-)



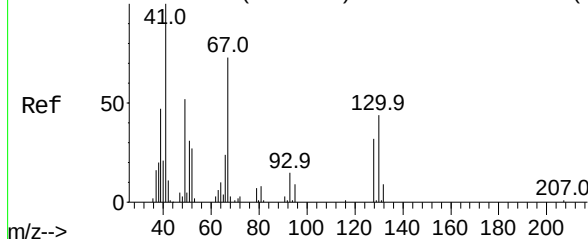
Benzene
Concen: 4.72 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	78	Resp:	77501
Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.9	28.3
51	66.5	24.6	36.8#

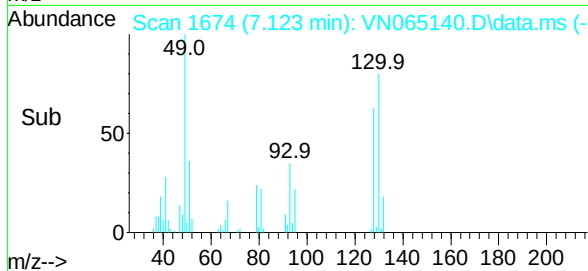
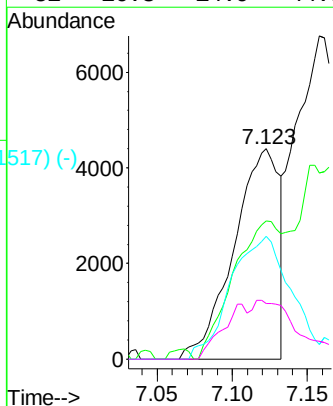
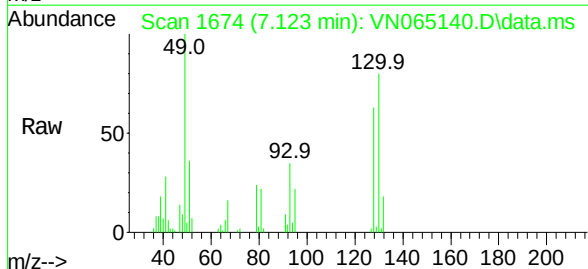


Abundance Scan 1673 (7.119 min): VN065141.D\data.ms (-16535-)

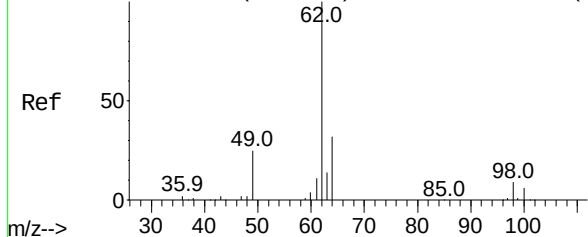


Methacrylonitrile
Concen: 4.49 ug/l
RT: 7.123 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	41	Resp:	9245
Ion	Ratio	Lower	Upper
41	100		
39	61.0	30.0	90.1
67	58.3	29.2	87.6
52	26.3	14.9	44.9



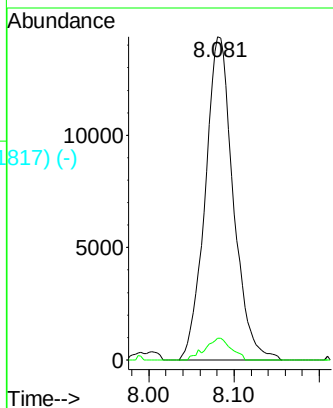
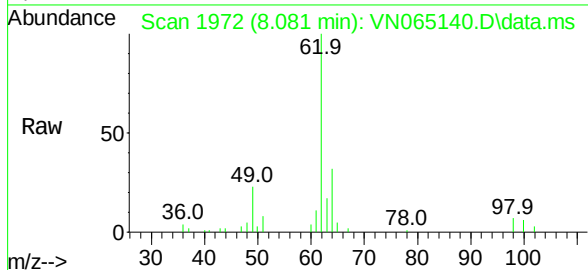
Abundance Scan 1973 (8.084 min): VN065141.D\data.ms (-1956) (-)



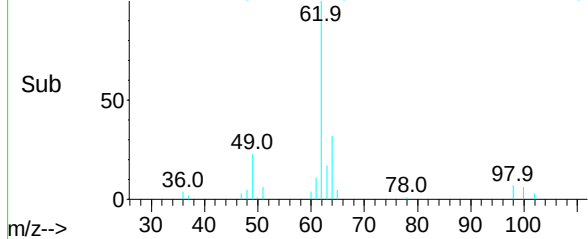
1,2-Dichloroethane
Concen: 5.84 ug/l
RT: 8.081 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

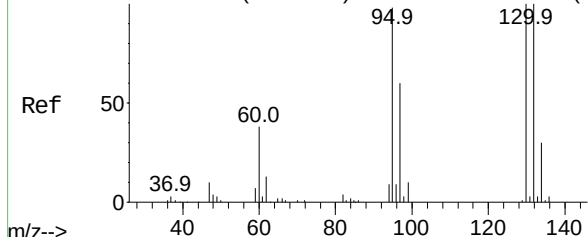
Tgt Ion: 62 Resp: 32839
Ion Ratio Lower Upper
62 100
98 5.4 5.5 8.3#



Abundance Scan 1972 (8.081 min): VN065140.D\data.ms (-1817) (-)

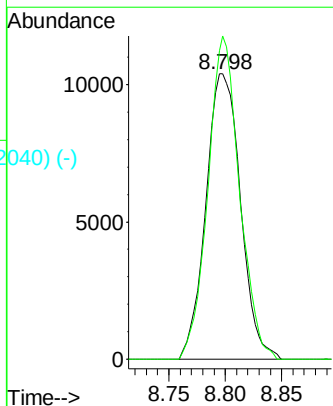
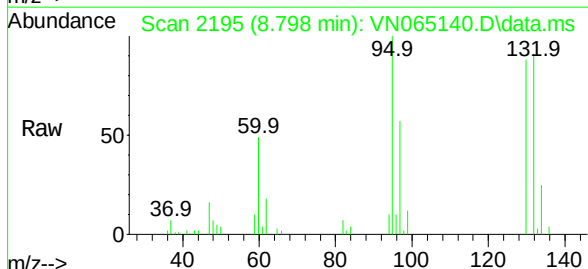


Abundance Scan 2196 (8.801 min): VN065141.D\data.ms (-2189) (-)

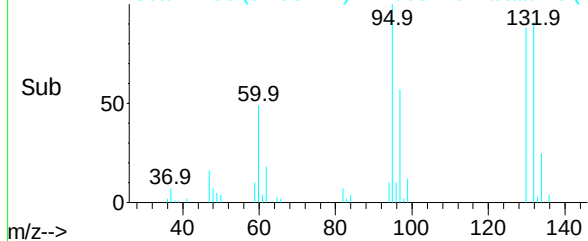


Trichloroethene
Concen: 4.97 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 130 Resp: 22283
Ion Ratio Lower Upper
130 100
95 113.3 85.1 127.7



Abundance Scan 2195 (8.798 min): VN065140.D\data.ms (-2040) (-)



Abundance Scan 2272 (9.045 min): VN065141.D\data.ms (-22549-)

Methylcyclohexane

Concen: 5.41 ug/l

RT: 9.045 min Scan# 2272

Delta R.T. 0.000 min

Lab File: VN065140.D

Acq: 15 Dec 2020 13:22

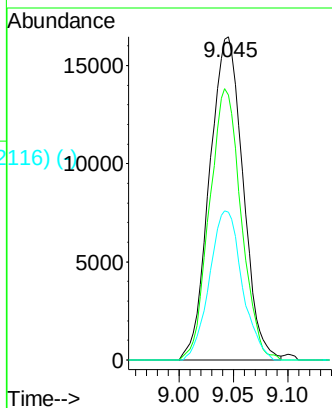
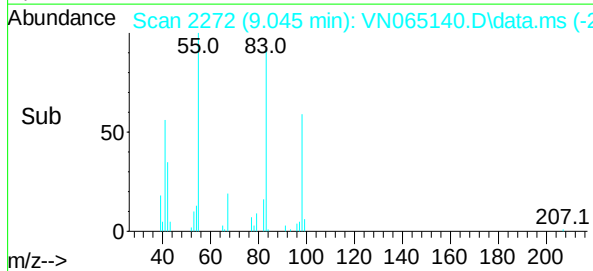
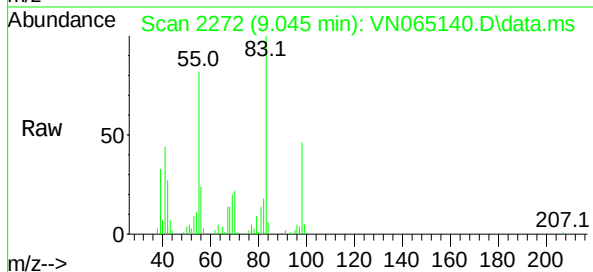
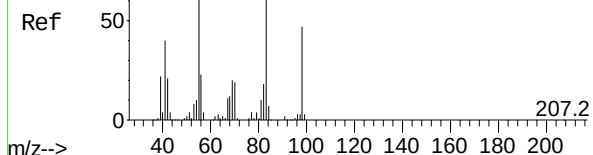
Tgt Ion: 83 Resp: 35080

Ion Ratio Lower Upper

83 100

55 79.5 42.0 126.1

98 45.0 22.5 67.5



Abundance Scan 2283 (9.081 min): VN065141.D\data.ms (-22639-)

1,2-Dichloropropane

Concen: 5.35 ug/l

RT: 9.081 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VN065140.D

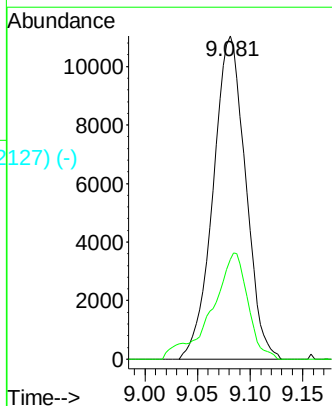
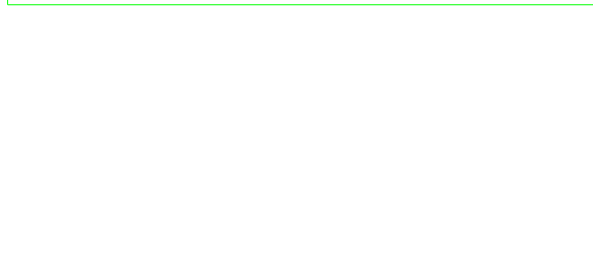
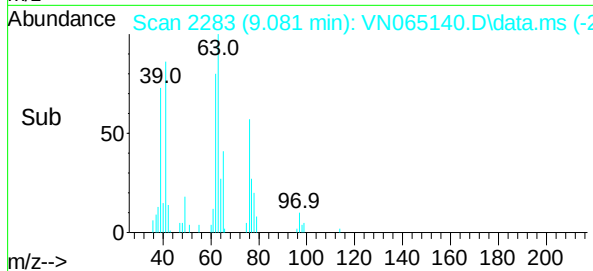
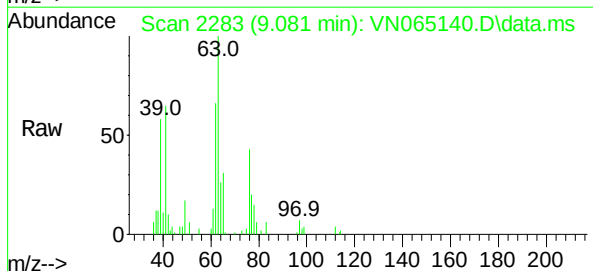
Acq: 15 Dec 2020 13:22

Tgt Ion: 63 Resp: 23624

Ion Ratio Lower Upper

63 100

65 30.8 24.4 36.6

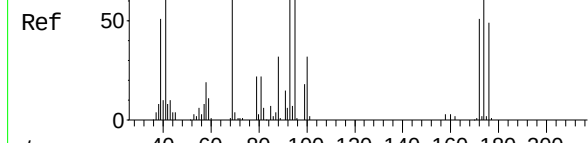


Instrument :
MSVOA_N
ClientSampleId :

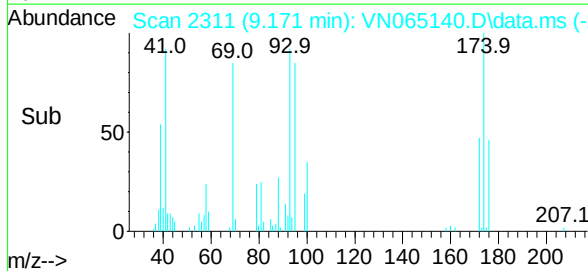
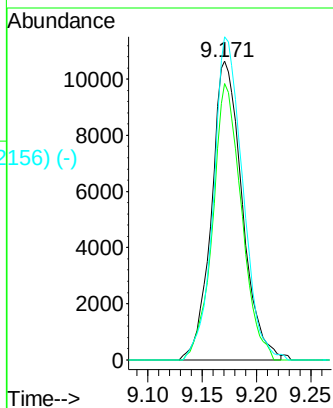
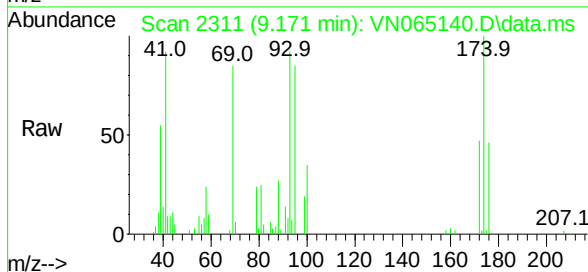
Abundance Scan 2312 (9.174 min): VN065141.D\data.ms (-229740-)

Dibromomethane
Concen: 6.72 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :



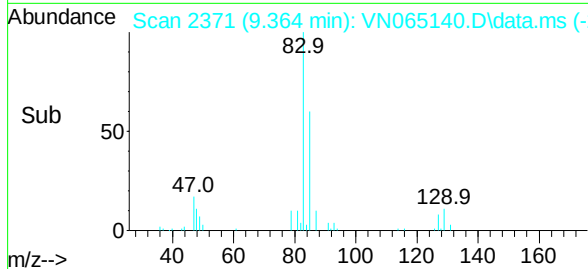
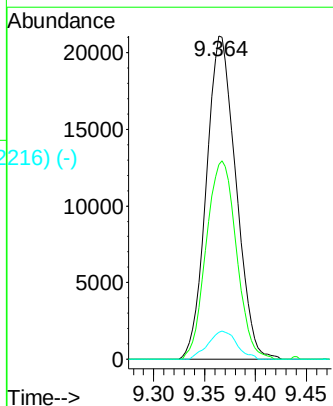
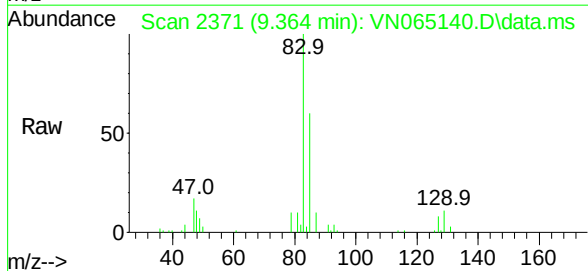
Tgt Ion:	93	Resp:	20777
Ion	Ratio	Lower	Upper
93	100		
95	86.7	0.0	164.6
174	102.7	0.0	165.6



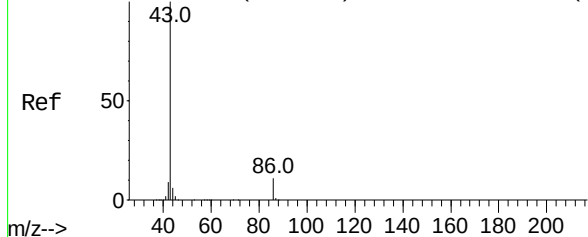
Abundance Scan 2372 (9.367 min): VN065141.D\data.ms (-235041-)

Bromodichloromethane
Concen: 6.75 ug/l
RT: 9.364 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	83	Resp:	42449
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.0	76.4
127	8.4	6.2	9.4



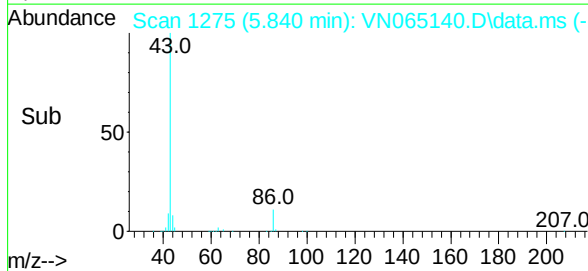
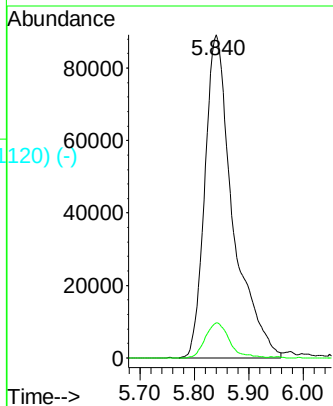
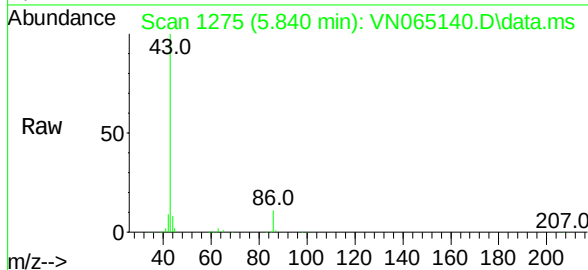
Abundance Scan 1276 (5.843 min): VN065141.D\data.ms (-1252) (-)



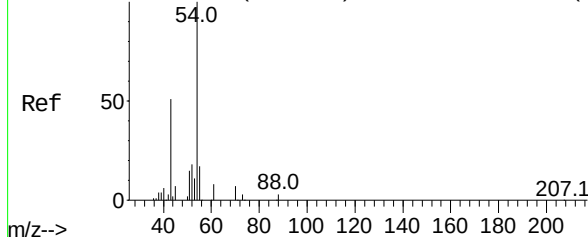
Vinyl Acetate
Concen: 31.79 ug/l
RT: 5.840 min Scan# 1275
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 43 Resp: 318596
Ion Ratio Lower Upper
43 100
86 9.1 6.3 9.5

Instrument :
MSVOA_N
ClientSampled :

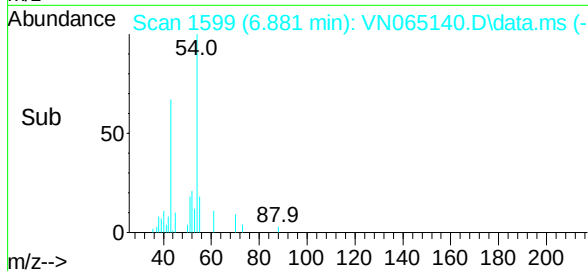
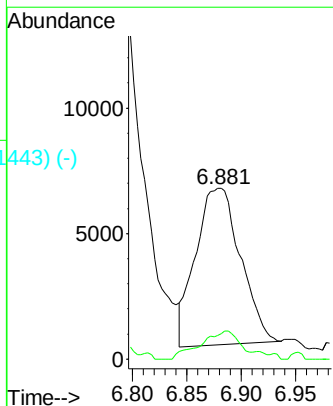
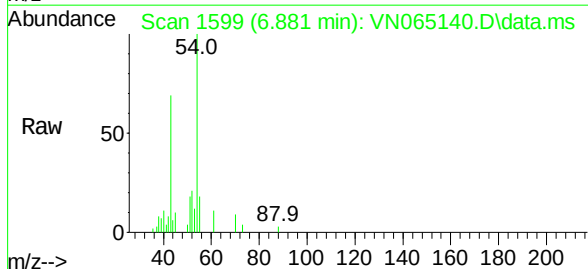


Abundance Scan 1599 (6.881 min): VN065141.D\data.ms (-1567) (-)



Ethyl Acetate
Concen: 4.14 ug/l
RT: 6.881 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

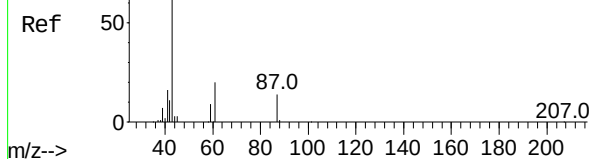
Tgt Ion: 43 Resp: 17929
Ion Ratio Lower Upper
43 100
45 5.1 10.9 16.3#



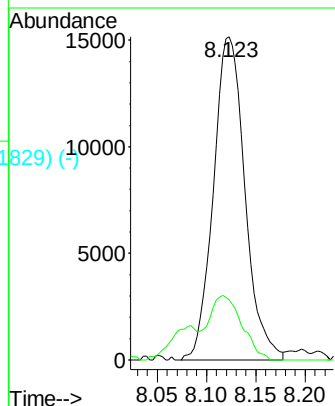
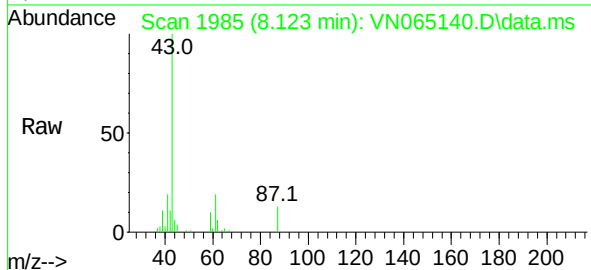
Abundance Scan 1985 (8.122 min): VN065141.D\data.ms (-1969) (-)

Isopropyl Acetate
Concen: 4.68 ug/l
RT: 8.123 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

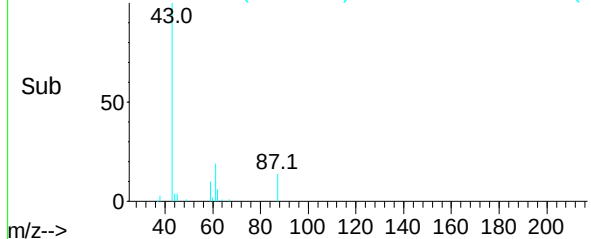
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 43 Resp: 33926
Ion Ratio Lower Upper
43 100
61 19.8 13.0 19.4#



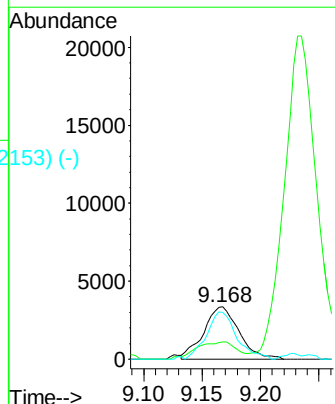
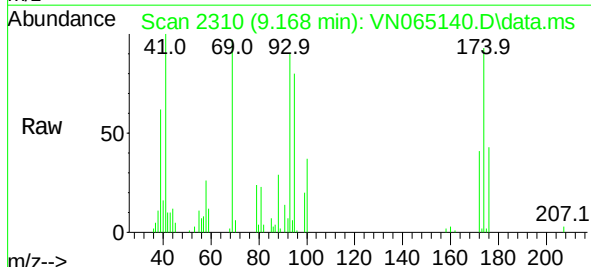
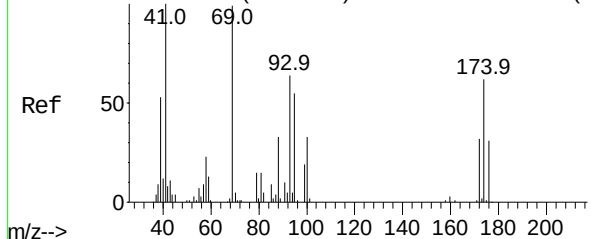
Abundance Scan 1985 (8.123 min): VN065140.D\data.ms (-1829) (-)



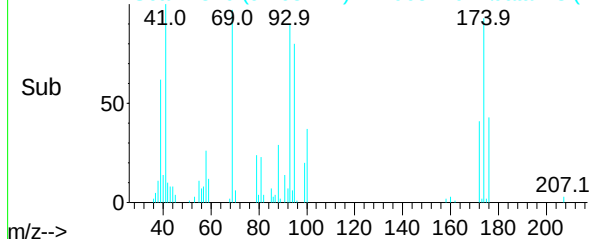
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-2299) (-)

1,4-Dioxane
Concen: 106.98 ug/l
RT: 9.168 min Scan# 2310
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 88 Resp: 7050
Ion Ratio Lower Upper
88 100
43 12.1 30.6 46.0#
58 77.0 57.9 86.9



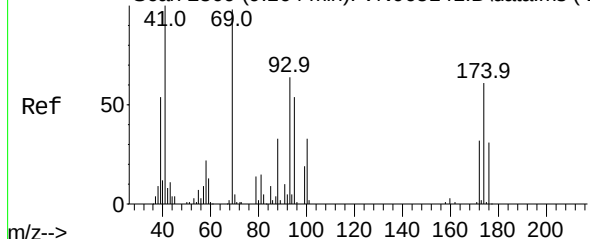
Abundance Scan 2310 (9.168 min): VN065140.D\data.ms (-2153) (-)



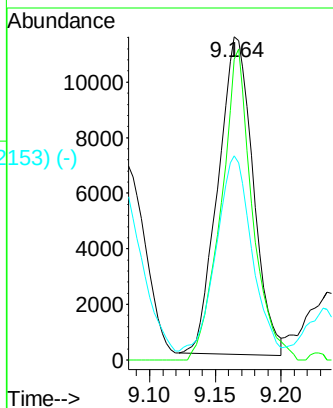
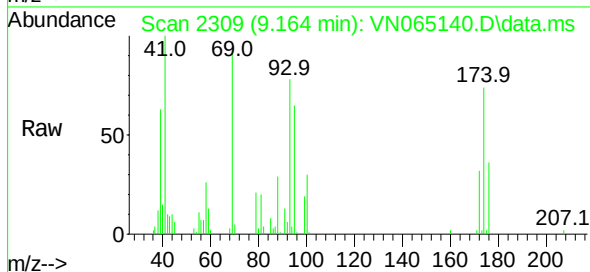
Abundance Scan 2309 (9.164 min): VN065141.D\data.ms (-229746) (-)

Methyl methacrylate
Concen: 5.74 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

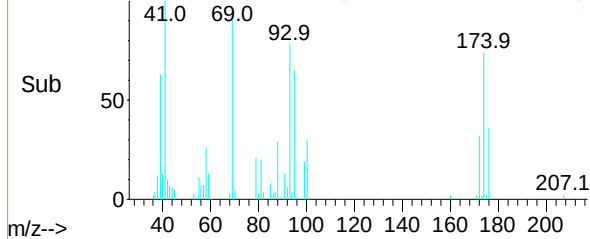
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	41	Resp:	21191
Ion	Ratio	Lower	Upper
41	100		
69	95.0	35.4	106.2
39	61.8	31.6	94.7



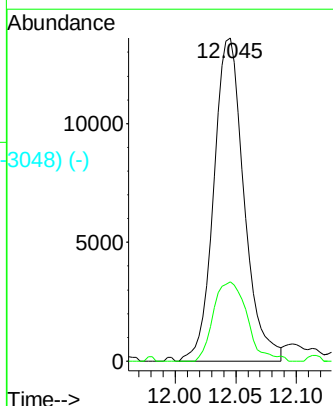
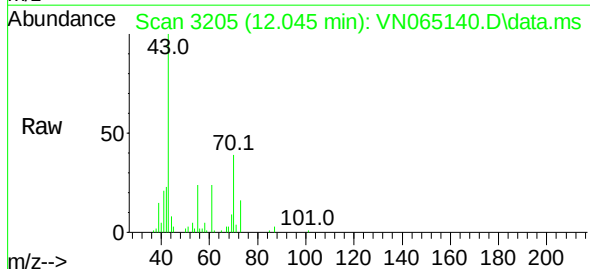
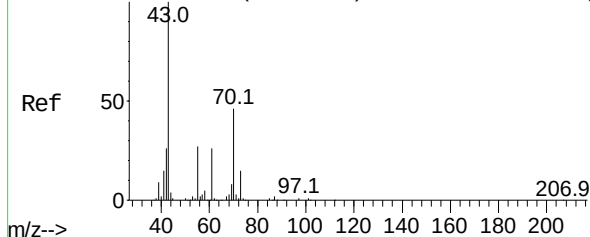
Abundance Scan 2309 (9.164 min): VN065140.D\data.ms (-2153) (-)



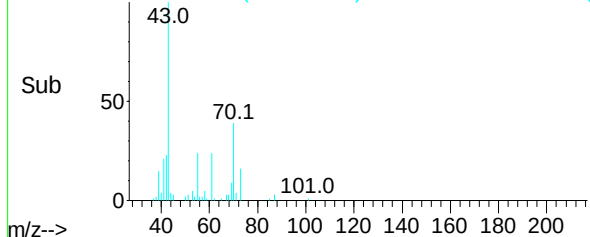
Abundance Scan 3204 (12.042 min): VN065141.D\data.ms (-31407) (-)

n-aryl Acetate
Concen: 3.92 ug/l
RT: 12.045 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	43	Resp:	23489
Ion	Ratio	Lower	Upper
43	100		
55	27.1	19.2	28.8



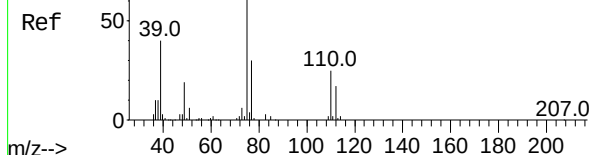
Abundance Scan 3205 (12.045 min): VN065140.D\data.ms (-3048) (-)



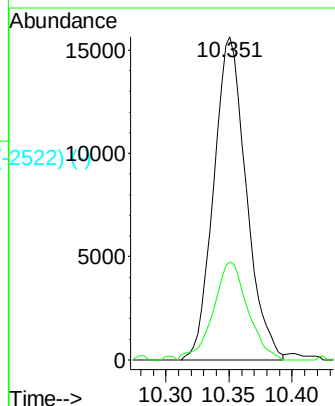
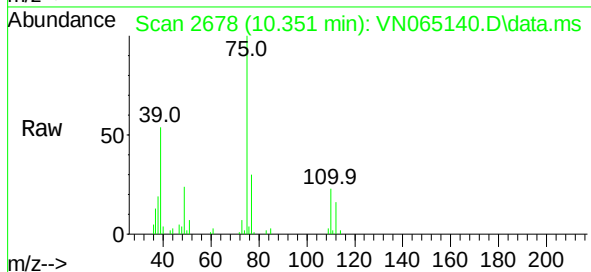
Abundance Scan 2678 (10.351 min): VN065141.D\data.ms (-2664) (-)

t-1,3-Dichloropropene
Concen: 4.56 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

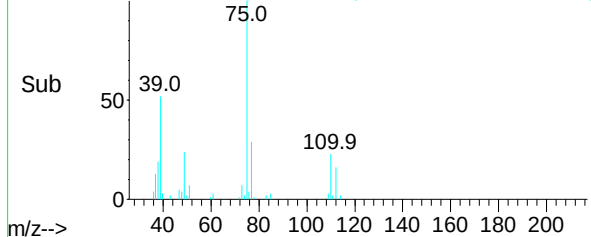
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 28014
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6

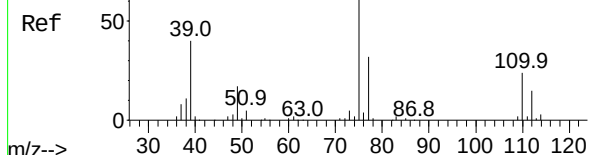


Abundance Scan 2678 (10.351 min): VN065140.D\data.ms (-2522) (-)

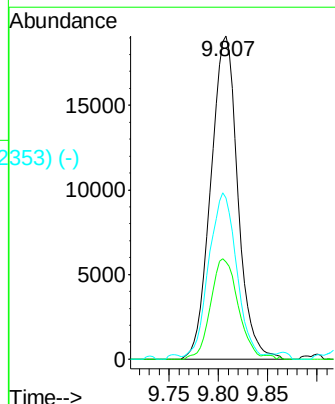
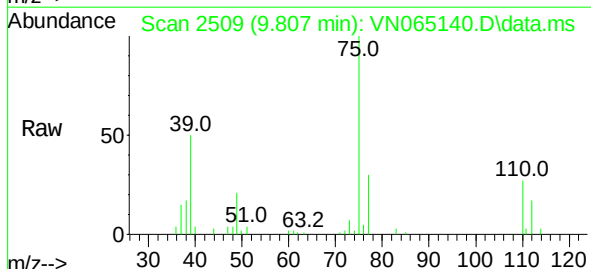


Abundance Scan 2509 (9.807 min): VN065141.D\data.ms (-2449) (-)

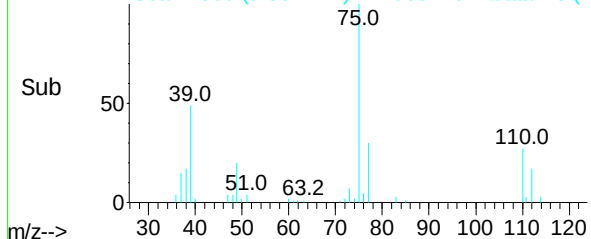
cis-1,3-Dichloropropene
Concen: 5.24 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion: 75 Resp: 36595
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 49.0 47.4 71.0



Abundance Scan 2509 (9.807 min): VN065140.D\data.ms (-2353) (-)



Abundance Scan 2734 (10.531 min): VN065141.D\data.ms (-2750) (-)

1,1,2-Trichloroethane
Concen: 5.00 ug/l
RT: 10.528 min Scan# 2733
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Ref 50 37.0 61.0 96.9 133.9

m/z--> 40 60 80 100 120 140 160 180 200

Tgt Ion: 97 Resp: 20089

Ion Ratio Lower Upper

97 100

83 80.7 74.2 111.4

85 52.2 44.8 67.2

99 63.6 50.5 75.7

Abundance Scan 2733 (10.528 min): VN065140.D\data.ms

Raw 50 36.9 61.0 97.0 133.9 206.9

m/z--> 40 60 80 100 120 140 160 180 200

Abundance

10.528

10000 8000 6000 4000 2000 0

Time--> 10.50 10.528 10.60

Abundance Scan 2733 (10.528 min): VN065140.D\data.ms (-2578) (-)

Sub 50 36.9 61.0 97.0 133.9 206.9

m/z--> 40 60 80 100 120 140 160 180 200

Abundance Scan 2693 (10.399 min): VN065141.D\data.ms (-2650) (-)

Ethyl methacrylate
Concen: 3.88 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 69 Resp: 20826

Ion Ratio Lower Upper

69 100

41 67.6 35.4 106.1

39 46.3 24.1 72.2

Abundance Scan 2693 (10.399 min): VN065140.D\data.ms

Raw 50 36.9 69.0 114.0 207.0

m/z--> 50 100 150 200 250

Abundance

10.399

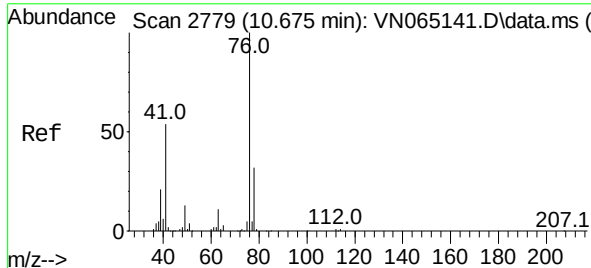
10000 5000 0

Time--> 10.35 10.40 10.45

Abundance Scan 2693 (10.399 min): VN065140.D\data.ms (-2537) (-)

Sub 50 36.9 69.0 114.0 207.0

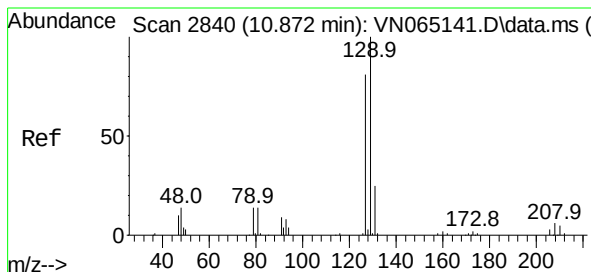
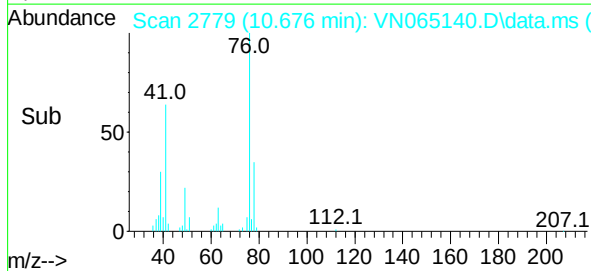
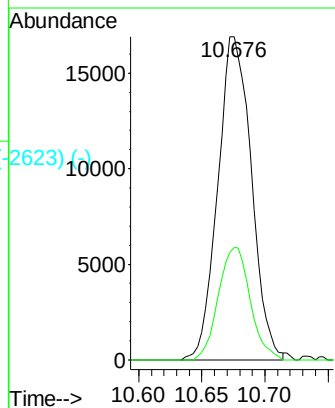
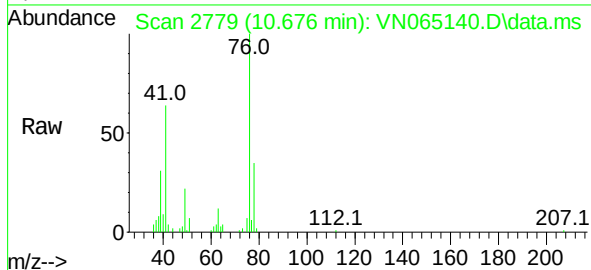
m/z--> 50 100 150 200 250



1,3-Dichloropropane
Concen: 4.70 ug/l
RT: 10.676 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

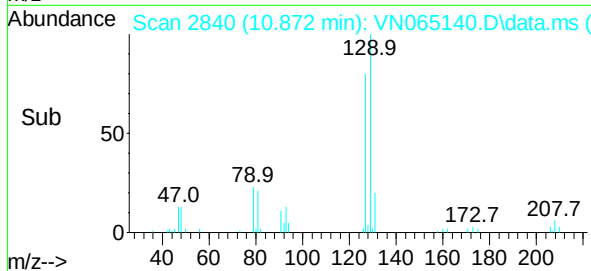
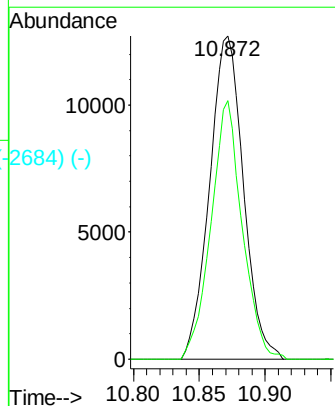
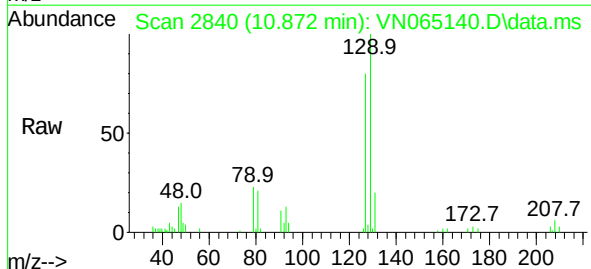
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 76 Resp: 31312
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.2



Dibromochloromethane
Concen: 4.89 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

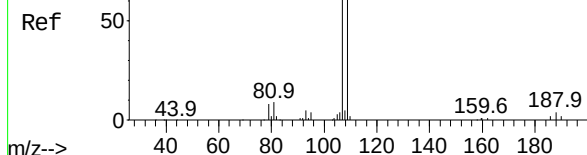
Tgt Ion:129 Resp: 22720
Ion Ratio Lower Upper
129 100
127 73.8 39.1 117.2



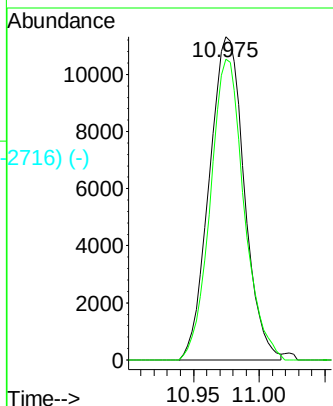
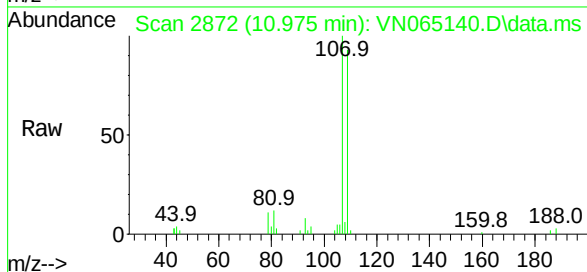
Abundance Scan 2872 (10.974 min): VN065141.D\data.ms (-2859) (-)

1,2-Dibromoethane
Concen: 5.00 ug/l
RT: 10.975 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

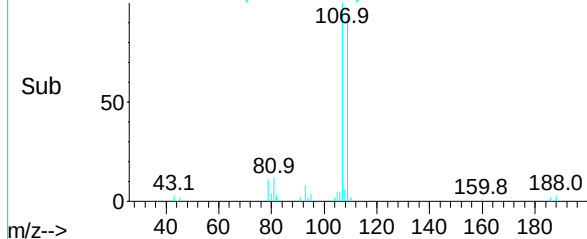
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:107 Resp: 20937
Ion Ratio Lower Upper
107 100
109 89.7 77.2 115.8



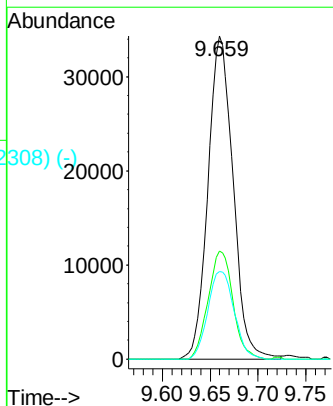
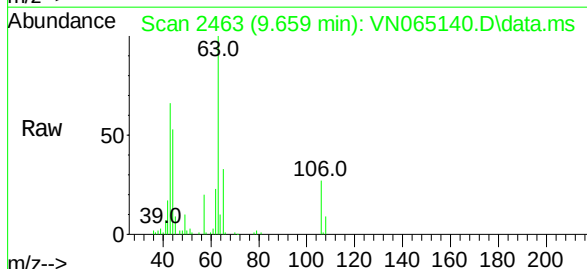
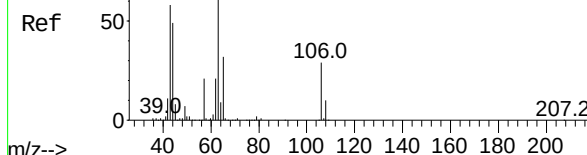
Abundance Scan 2872 (10.975 min): VN065140.D\data.ms (-2716) (-)



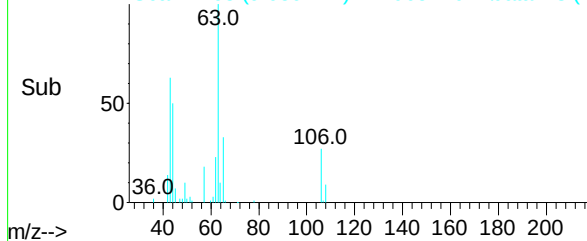
Abundance Scan 2464 (9.663 min): VN065141.D\data.ms (-2459) (-)

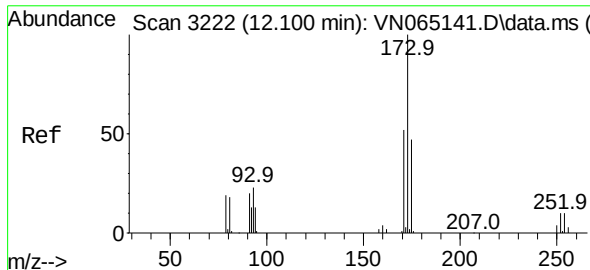
2-Chloroethyl vinyl ether
Concen: 22.95 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 63 Resp: 62468
Ion Ratio Lower Upper
63 100
65 33.0 25.7 38.5
106 28.4 19.9 29.9



Abundance Scan 2463 (9.659 min): VN065140.D\data.ms (-2308) (-)

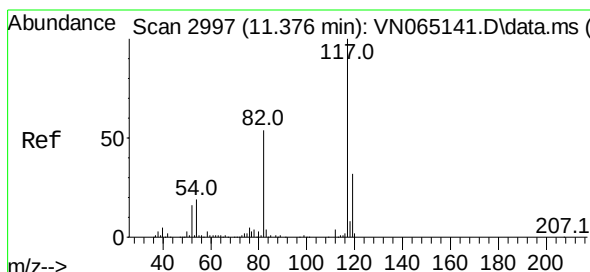
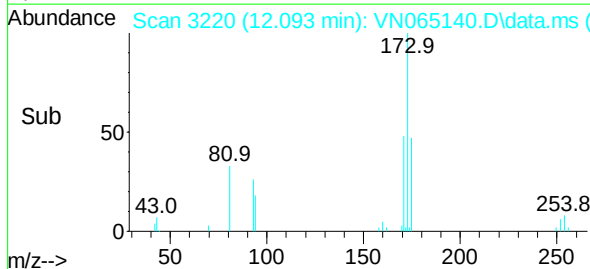
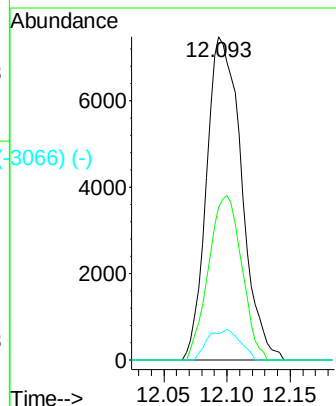
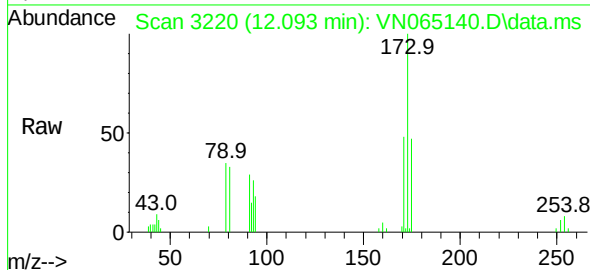




(-)
 Bromoform
 Concen: 4.55 ug/l
 RT: 12.093 min Scan# 3220
 Delta R.T. -0.006 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

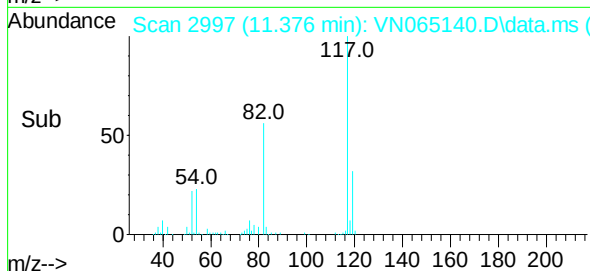
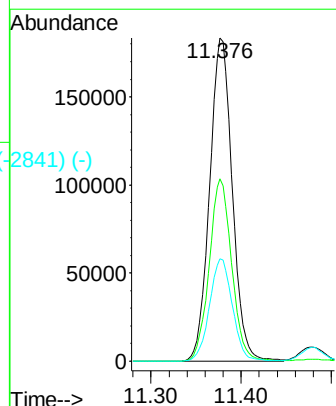
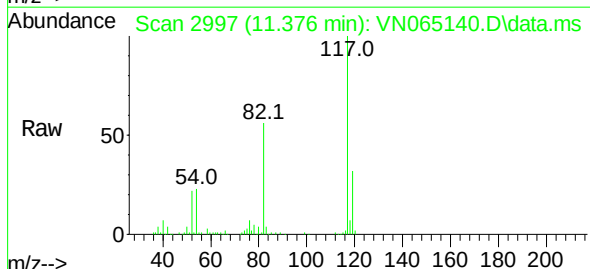
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	173	Resp:	14393
Ion	Ratio	Lower	Upper
173	100		
175	0.0	37.1	55.7#
254	3.6	5.4	8.2#



(-)
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.376 min Scan# 2997
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

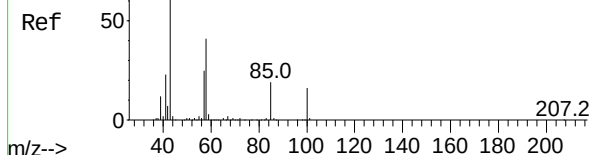
Tgt Ion:	117	Resp:	321217
Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.8	71.8
119	31.9	25.7	38.5



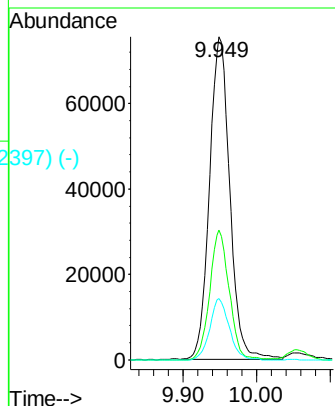
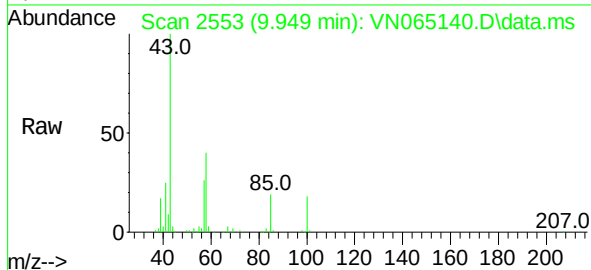
Abundance Scan 2553 (9.949 min): VN065141.D\data.ms (-2537) (-)

4-Methyl-2-Pentanone
Concen: 30.97 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

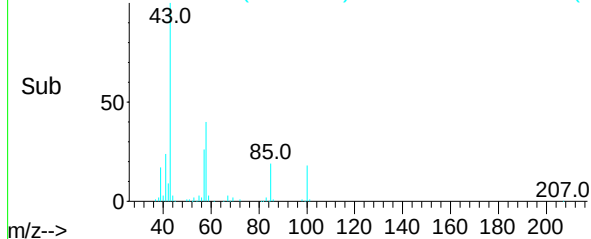
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	43	Resp:	144948
Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.8	43.2
85	18.2	12.3	18.5



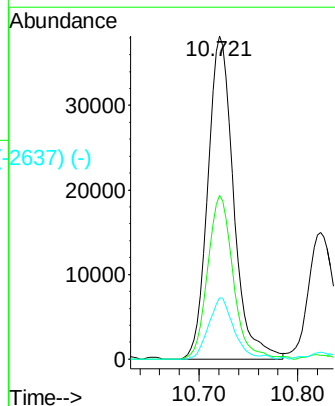
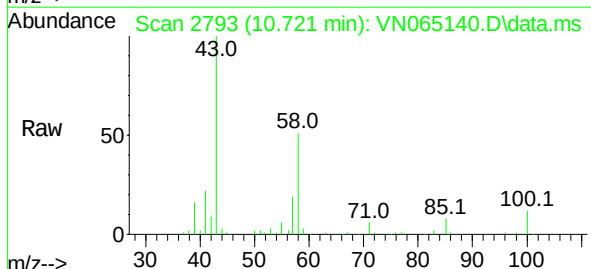
Abundance Scan 2553 (9.949 min): VN065140.D\data.ms (-2397) (-)



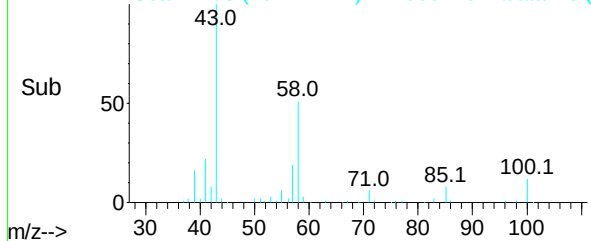
Abundance Scan 2793 (10.721 min): VN065141.D\data.ms (-2759) (-)

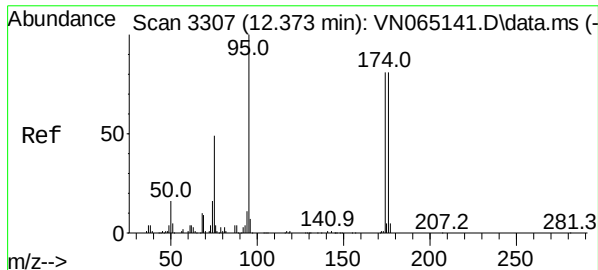
2-Hexanone
Concen: 22.34 ug/l
RT: 10.721 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:	43	Resp:	69419
Ion	Ratio	Lower	Upper
43	100		
58	49.8	38.2	57.4
57	18.3	13.8	20.8



Abundance Scan 2793 (10.721 min): VN065140.D\data.ms (-2637) (-)

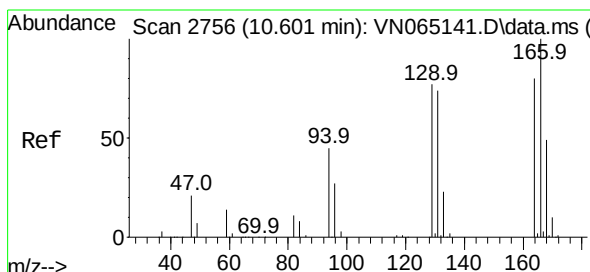
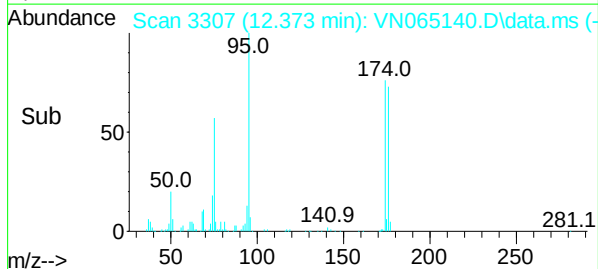
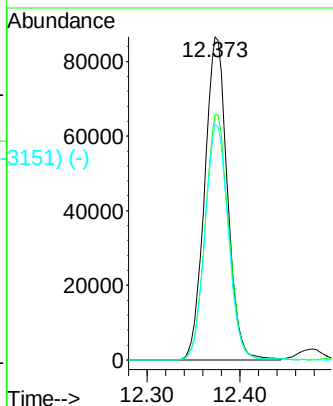
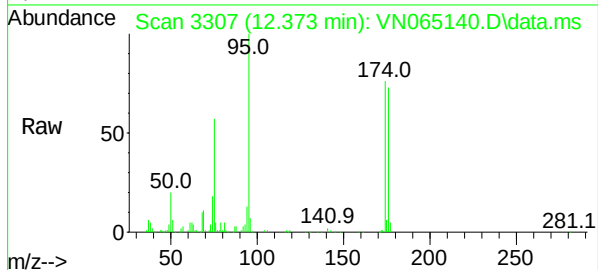




Scan 3307 (12.373 min): VN065141.D\data.ms (-2760) (-)
 4-Bromofluorobenzene
 Concen: 29.15 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.000 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

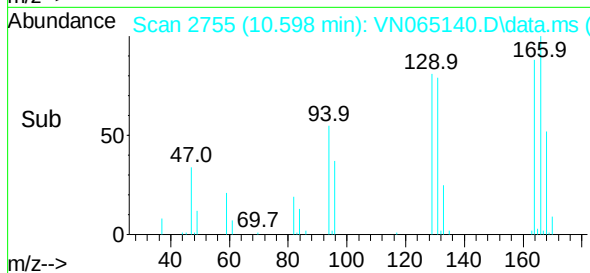
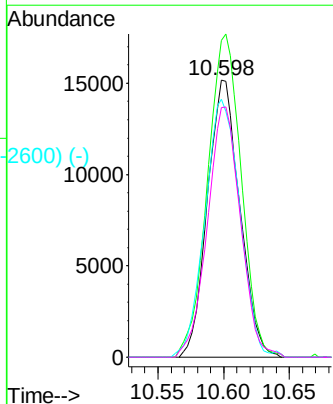
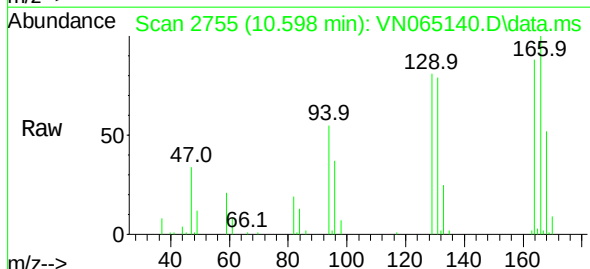
Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion:	95	Resp:	147121
Ion	Ratio	Lower	Upper
95	100		
174	78.1	56.4	84.6
176	74.3	53.3	79.9

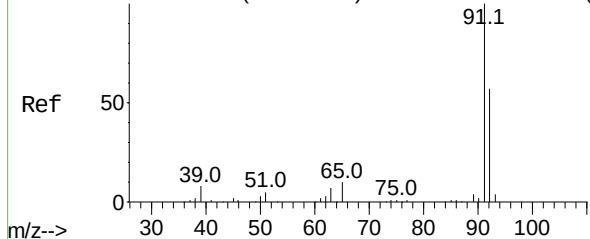


Scan 2756 (10.601 min): VN065141.D\data.ms (-2760) (-)
 Tetrachloroethene
 Concen: 5.53 ug/l
 RT: 10.598 min Scan# 2755
 Delta R.T. -0.003 min
 Lab File: VN065140.D
 Acq: 15 Dec 2020 13:22

Tgt Ion:	164	Resp:	25827
Ion	Ratio	Lower	Upper
164	100		
166	113.2	103.2	154.8
129	91.9	86.4	129.6
131	88.9	84.0	126.0



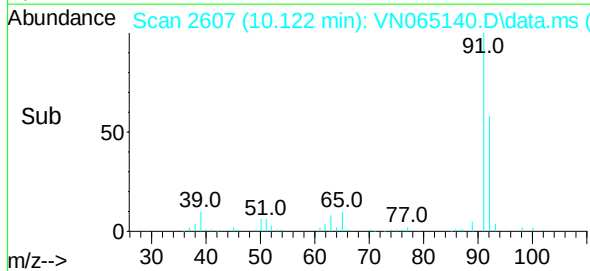
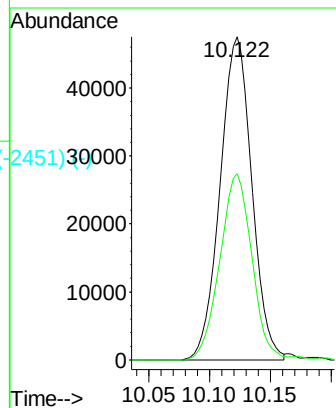
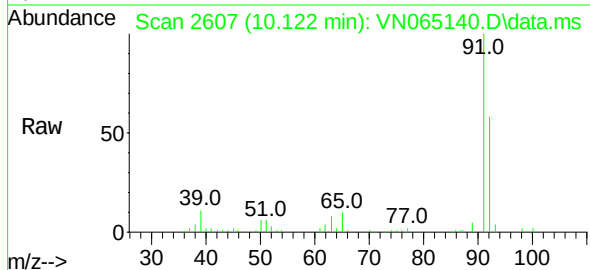
Abundance Scan 2607 (10.122 min): VN065141.D\data.ms (-2562) (-)



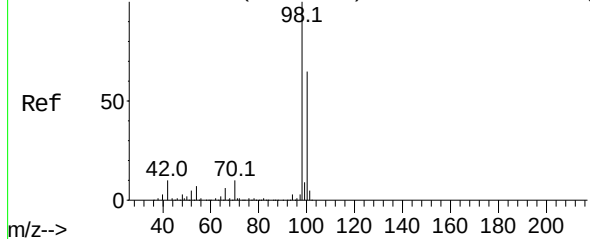
Toluene
Concen: 4.84 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 91 Resp: 86118
Ion Ratio Lower Upper
91 100
92 58.1 45.4 68.2

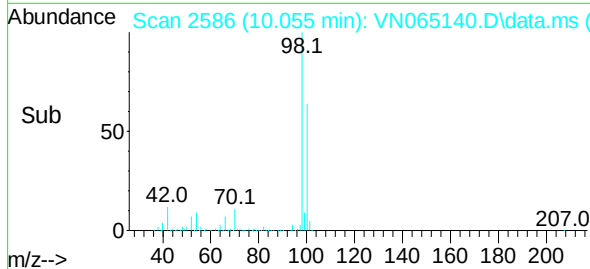
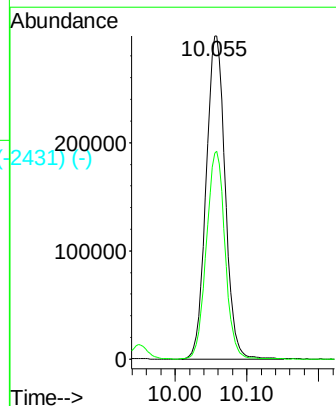
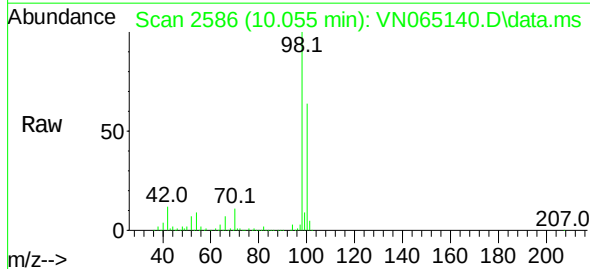


Abundance Scan 2587 (10.058 min): VN065141.D\data.ms (-2562) (-)



Toluene-d8
Concen: 35.45 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

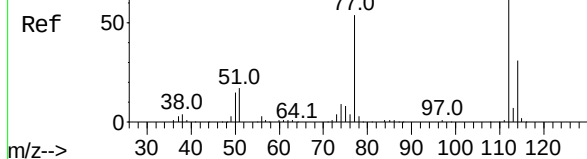
Tgt Ion: 98 Resp: 549704
Ion Ratio Lower Upper
98 100
100 63.0 49.4 74.2



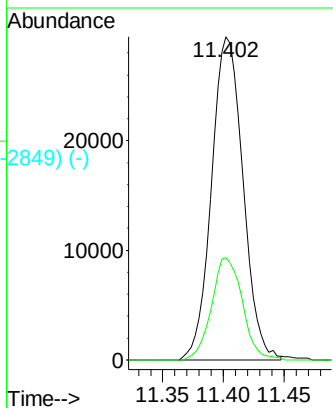
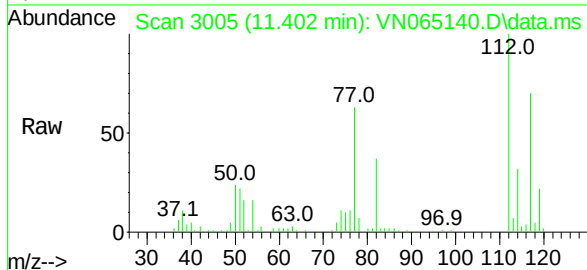
Abundance Scan 3005 (11.402 min): VN065141.D\data.ms (-2951) (-)

Chlorobenzene
Concen: 4.77 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

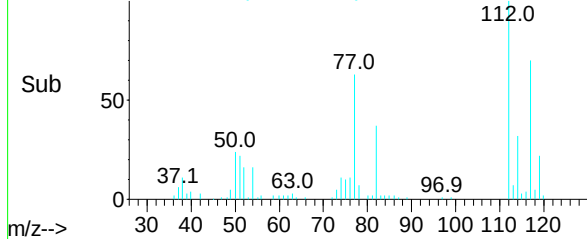
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:112 Resp: 52952
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



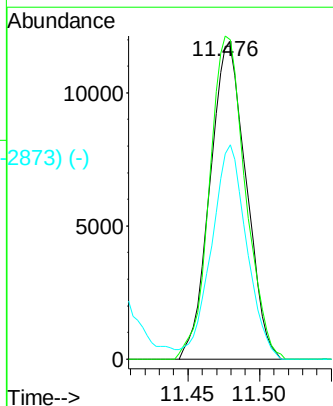
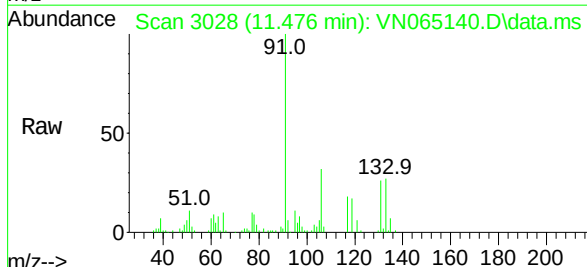
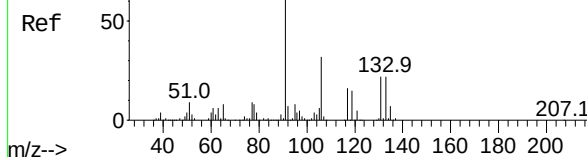
Abundance Scan 3005 (11.402 min): VN065140.D\data.ms (-2849) (-)



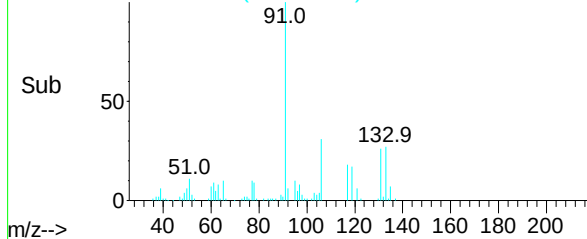
Abundance Scan 3029 (11.479 min): VN065141.D\data.ms (-3065) (-)

1,1,1,2-Tetrachloroethane
Concen: 4.93 ug/l
RT: 11.476 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:131 Resp: 20756
Ion Ratio Lower Upper
131 100
133 101.1 0.0 191.2
119 66.3 0.0 131.6



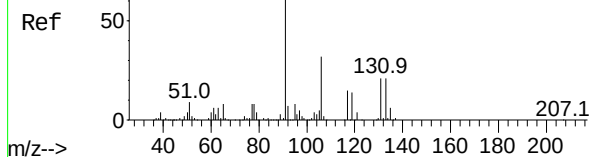
Abundance Scan 3028 (11.476 min): VN065140.D\data.ms (-2873) (-)



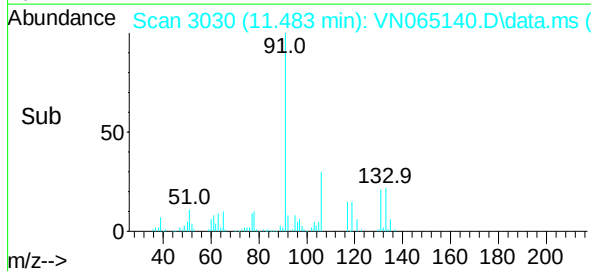
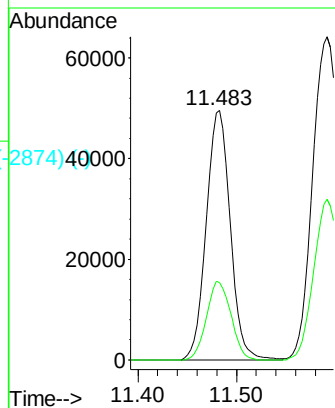
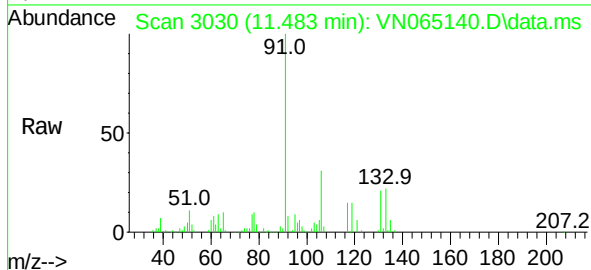
Abundance Scan 3030 (11.482 min): VN065141.D\data.ms (-3030) (-)

Ethyl Benzene
Concen: 4.44 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

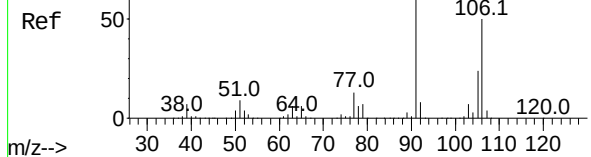


Tgt Ion: 91 Resp: 83734
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9

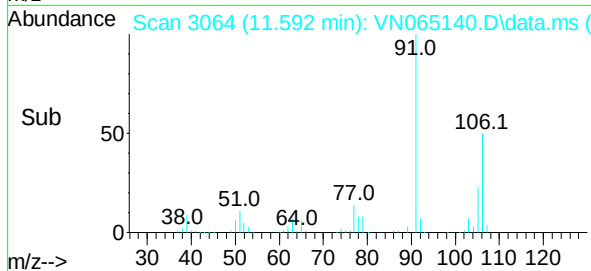
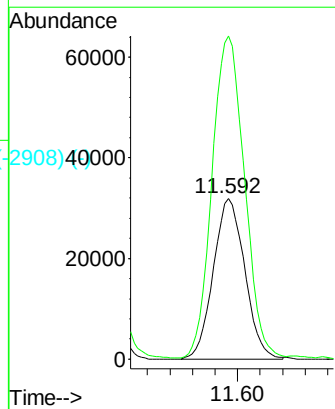
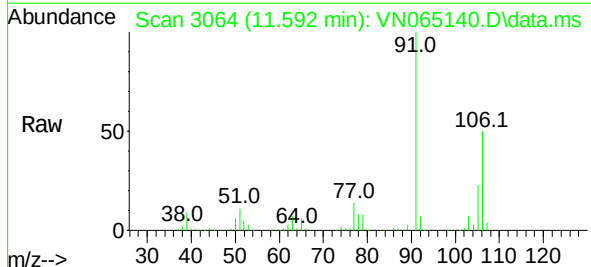


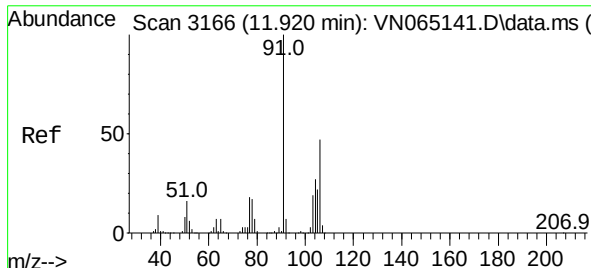
Abundance Scan 3064 (11.592 min): VN065141.D\data.ms (-3064) (-)

m/p-Xylenes
Concen: 8.44 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:106 Resp: 61959
Ion Ratio Lower Upper
106 100
91 208.0 168.8 253.2

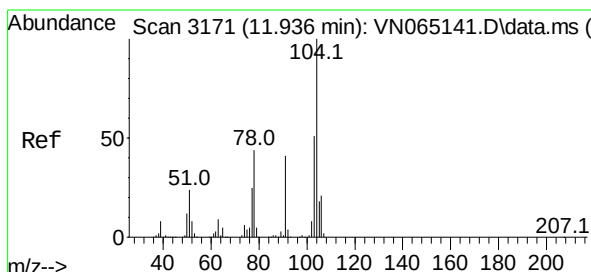
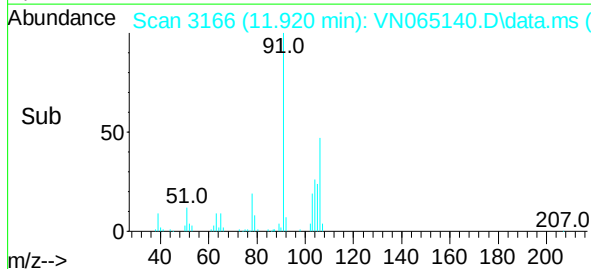
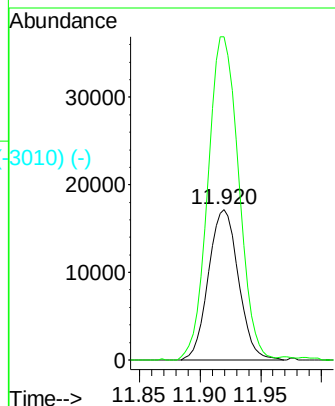
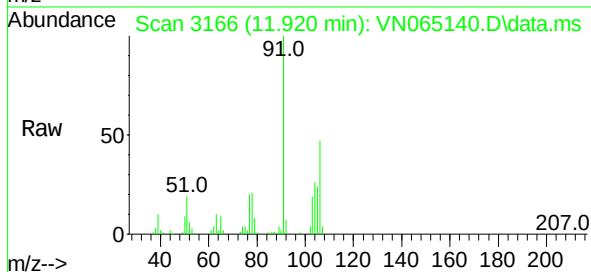




o-Xylene
Concen: 4.24 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

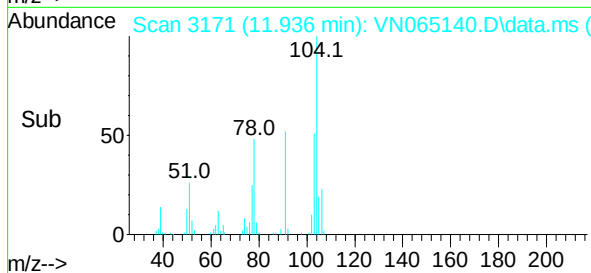
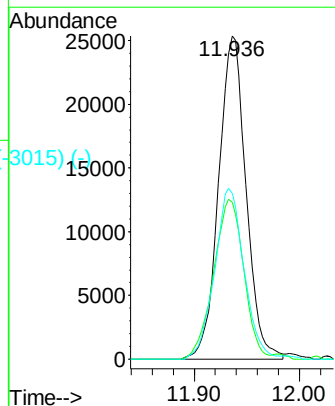
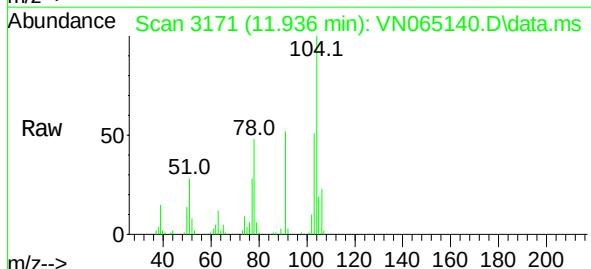
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 29423
Ion Ratio Lower Upper
106 100
91 221.0 109.7 329.2



Styrene
Concen: 3.97 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

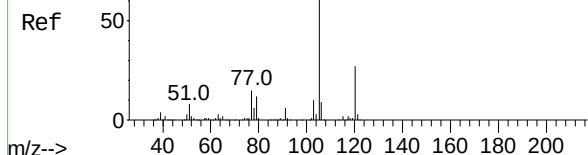
Tgt Ion:104 Resp: 45867
Ion Ratio Lower Upper
104 100
78 54.4 44.4 66.6
103 57.0 44.6 67.0



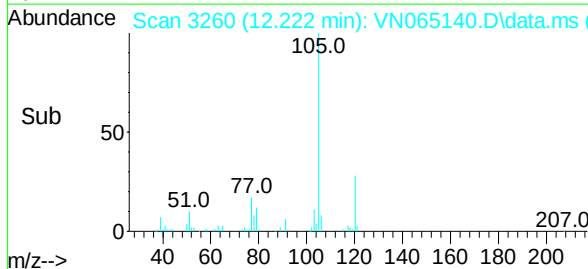
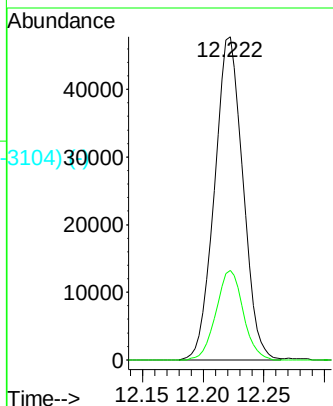
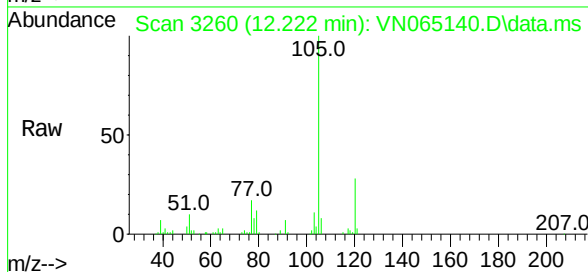
Abundance Scan 3260 (12.222 min): VN065141.D\data.ms (-3276) (-)

Isopropylbenzene
Concen: 4.26 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

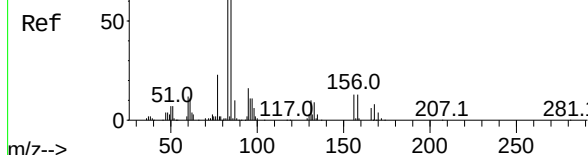


Tgt Ion:105 Resp: 77296
Ion Ratio Lower Upper
105 100
120 26.5 17.9 33.3

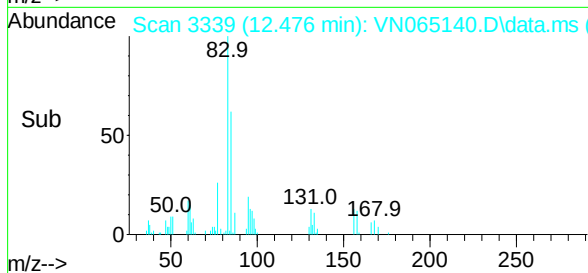
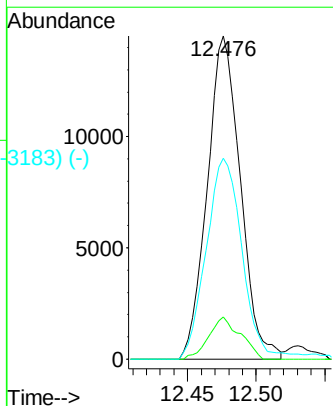
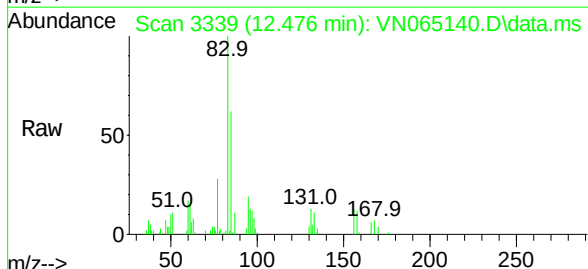


Abundance Scan 3339 (12.476 min): VN065141.D\data.ms (-3276) (-)

1,1,2,2-Tetrachloroethane
Concen: 4.63 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



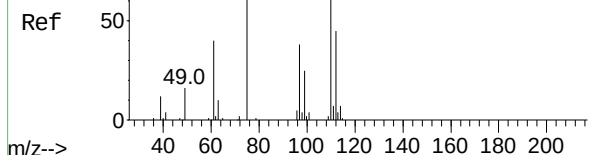
Tgt Ion: 83 Resp: 24322
Ion Ratio Lower Upper
83 100
131 12.4 4.6 13.8
85 66.8 31.4 94.0



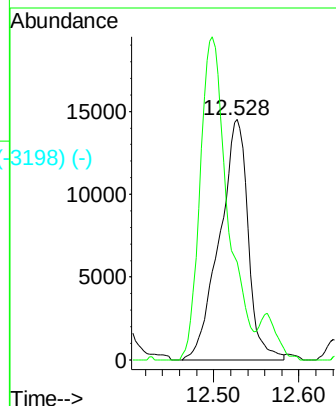
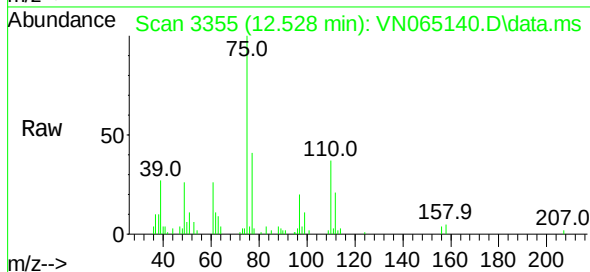
Abundance Scan 3354 (12.524 min): VN065141.D\data.ms (-3379) (-)

1,2,3-Trichloropropane
Concen: 6.72 ug/l
RT: 12.528 min Scan# 3355
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

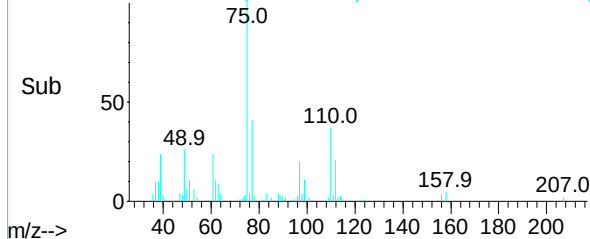
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 33836
Ion Ratio Lower Upper
75 100
77 129.2 0.0 379.4



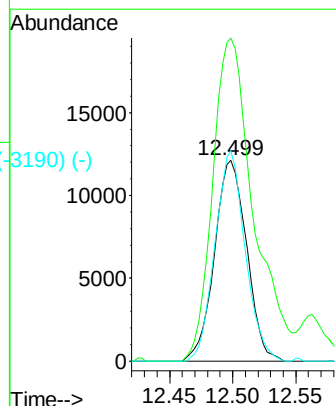
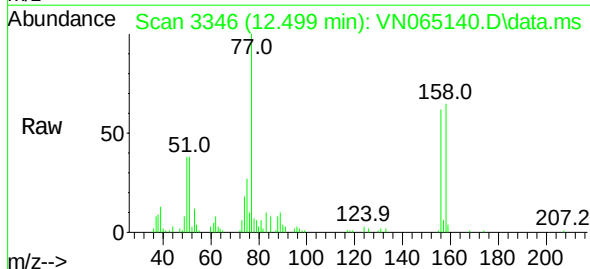
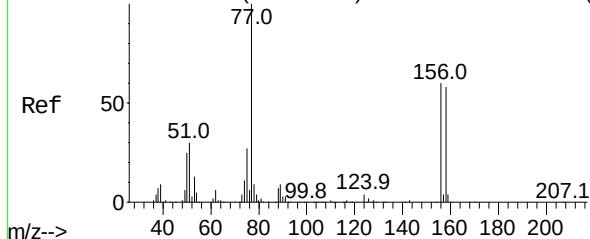
Abundance Scan 3355 (12.528 min): VN065140.D\data.ms (-3198) (-)



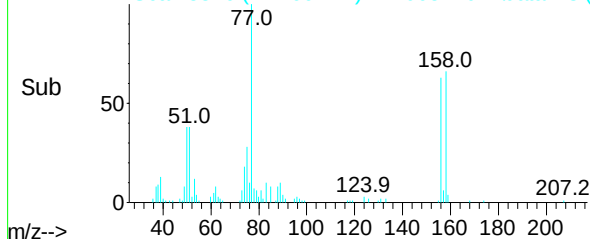
Abundance Scan 3346 (12.498 min): VN065141.D\data.ms (-3373) (-)

Bromobenzene
Concen: 4.56 ug/l
RT: 12.499 min Scan# 3346
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

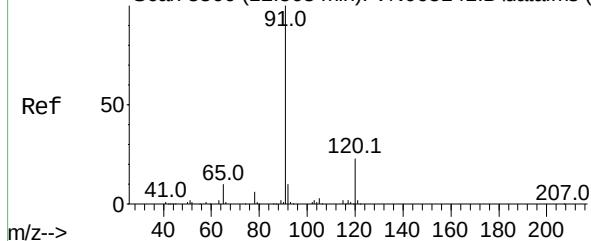
Tgt Ion:156 Resp: 21476
Ion Ratio Lower Upper
156 100
77 203.5 0.0 480.2
158 98.6 0.0 194.0



Abundance Scan 3346 (12.499 min): VN065140.D\data.ms (-3190) (-)



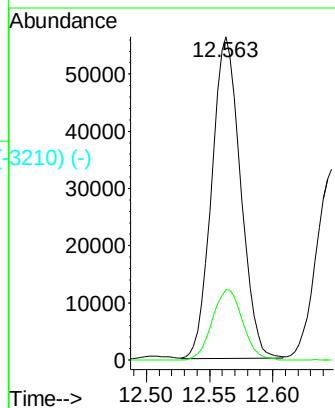
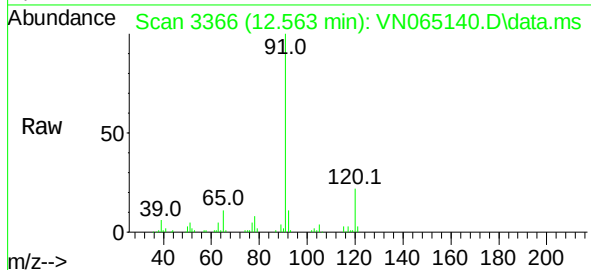
Abundance Scan 3366 (12.563 min): VN065141.D\data.ms (-3374) (-)



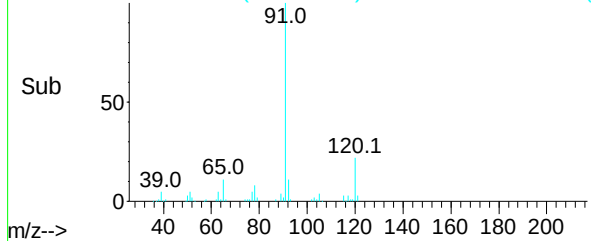
n-propylbenzene
Concen: 4.32 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

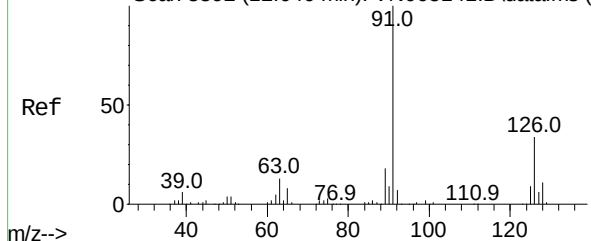
Tgt Ion: 91 Resp: 89426
Ion Ratio Lower Upper
91 100
120 22.9 0.0 42.8



Abundance Scan 3366 (12.563 min): VN065140.D\data.ms (-3210) (-)

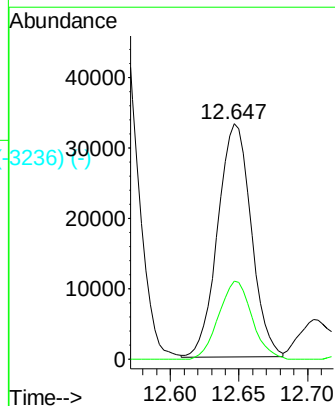
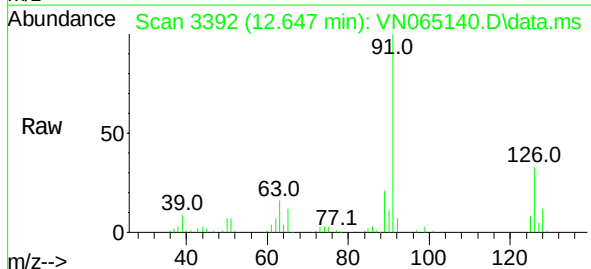


Abundance Scan 3392 (12.646 min): VN065141.D\data.ms (-3375) (-)

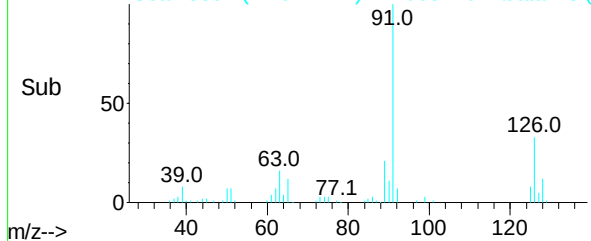


2-Chlorotoluene
Concen: 4.45 ug/l
RT: 12.647 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 91 Resp: 56025
Ion Ratio Lower Upper
91 100
126 33.2 0.0 61.8



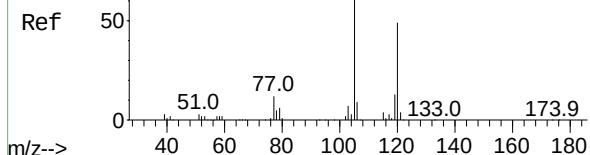
Abundance Scan 3392 (12.647 min): VN065140.D\data.ms (-3236) (-)



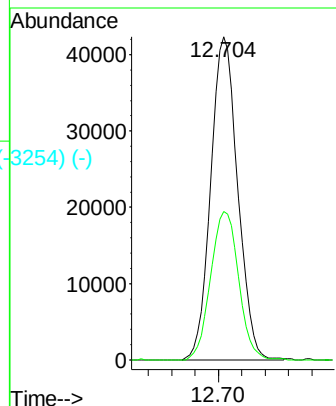
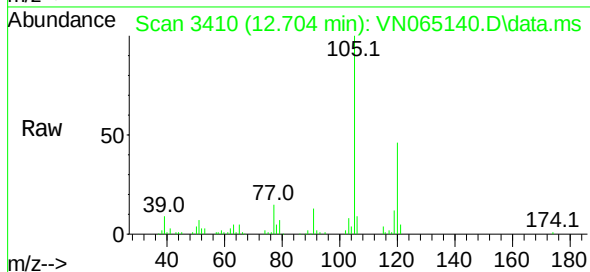
Abundance Scan 3410 (12.704 min): VN065141.D\data.ms (-3395) (-)

1,3,5-Trimethylbenzene
Concen: 4.32 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

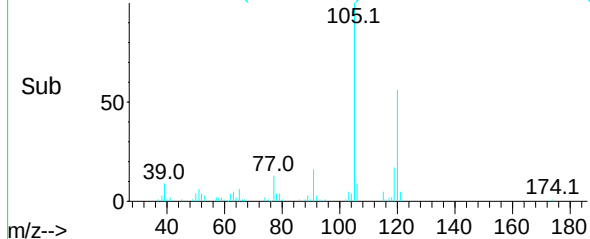
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:105 Resp: 67614
Ion Ratio Lower Upper
105 100
120 47.8 0.0 90.4



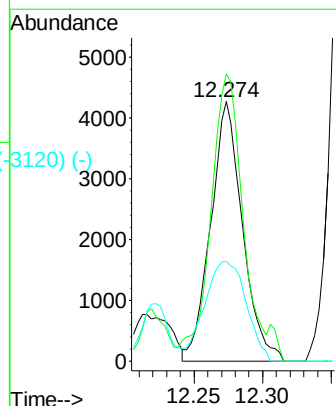
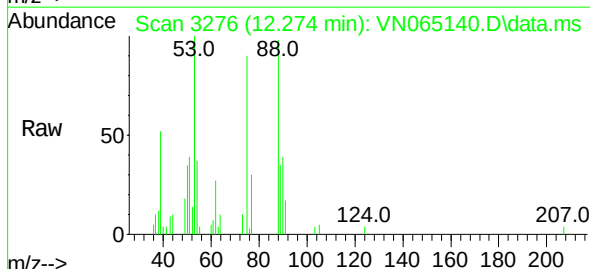
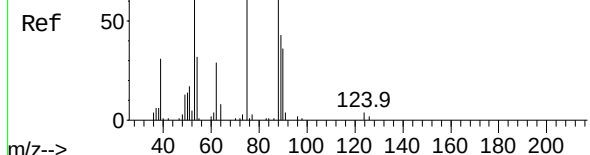
Abundance Scan 3410 (12.704 min): VN065140.D\data.ms (-3254) (-)



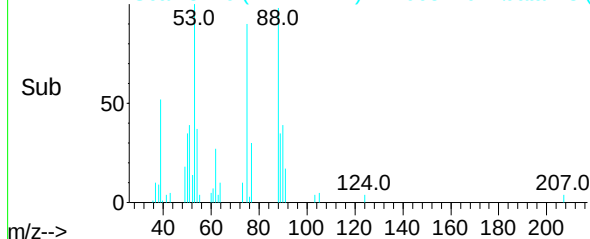
Abundance Scan 3276 (12.273 min): VN065141.D\data.ms (-3276) (-)

t-1,4-Dichloro-2-butene
Concen: 3.86 ug/l
RT: 12.274 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion: 75 Resp: 6874
Ion Ratio Lower Upper
75 100
53 110.7 50.3 150.9
89 38.3 23.3 69.8



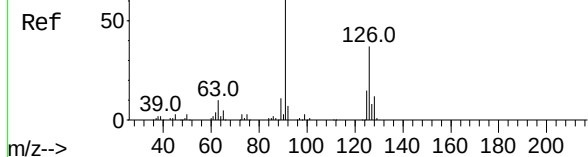
Abundance Scan 3276 (12.274 min): VN065140.D\data.ms (-3120) (-)



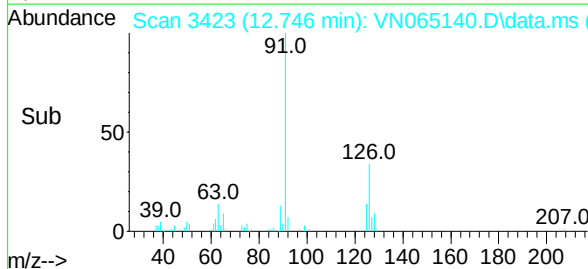
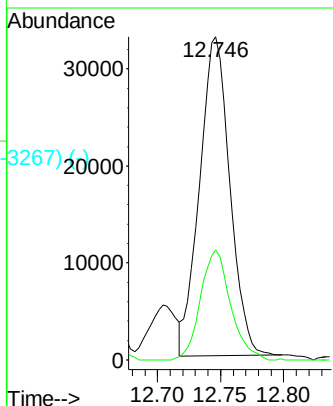
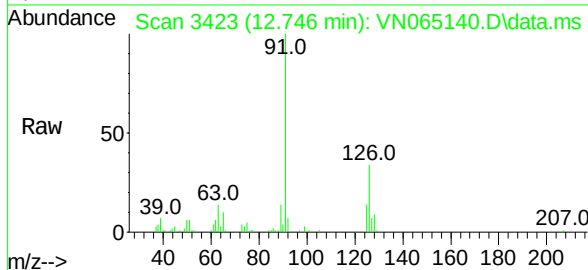
Abundance Scan 3423 (12.746 min): VN065141.D\data.ms (-3474) (-)

4-Chlorotoluene
Concen: 4.26 ug/l
RT: 12.746 min Scan# 3423
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :



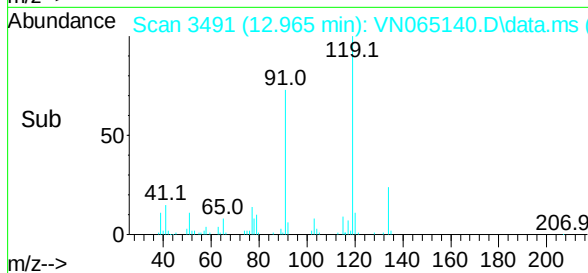
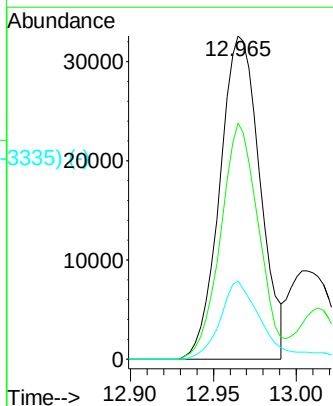
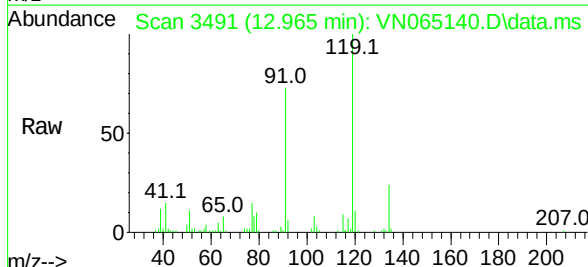
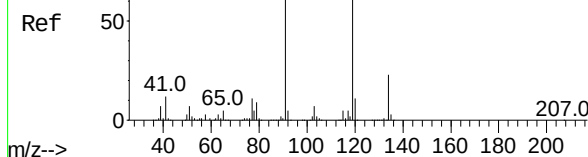
Tgt Ion: 91 Resp: 54833
Ion Ratio Lower Upper
91 100
126 34.2 0.0 61.8



Abundance Scan 3491 (12.965 min): VN065141.D\data.ms (-3479) (-)

tert-butylbenzene
Concen: 4.18 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

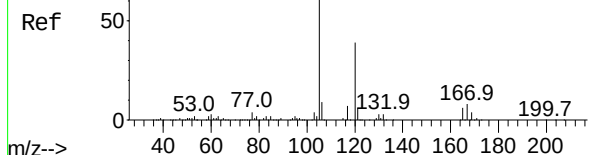
Tgt Ion: 119 Resp: 54850
Ion Ratio Lower Upper
119 100
91 69.2 0.0 147.8
134 25.2 0.0 50.6



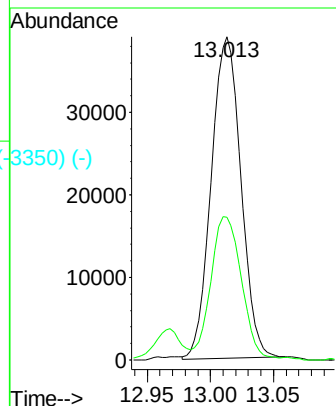
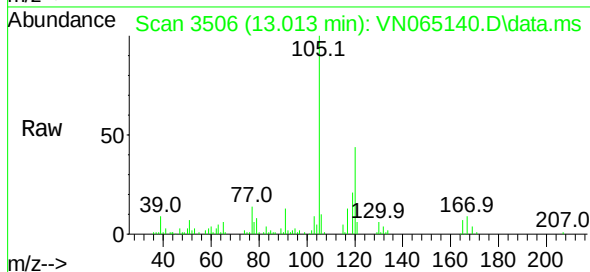
Abundance Scan 3506 (13.013 min): VN065141.D\data.ms (-3450) (-)

1,2,4-Trimethylbenzene
Concen: 4.11 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

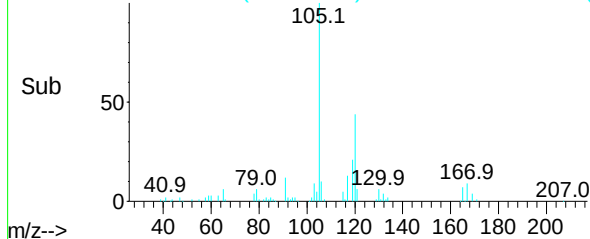
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:105 Resp: 63751
Ion Ratio Lower Upper
105 100
120 46.1 0.0 88.6



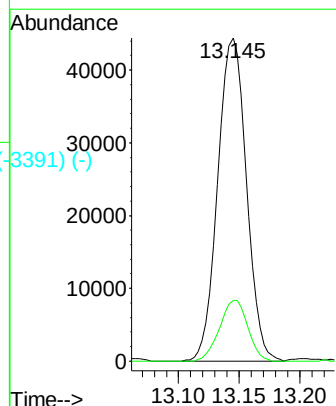
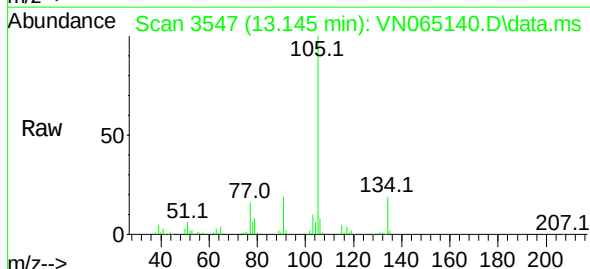
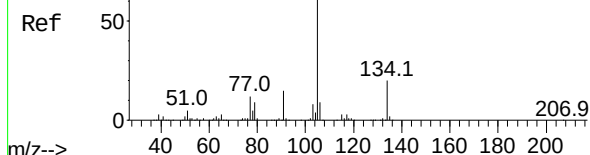
Abundance Scan 3506 (13.013 min): VN065140.D\data.ms (-3350) (-)



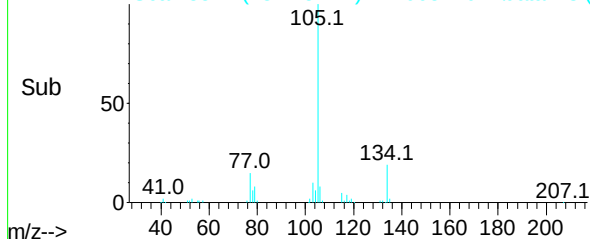
Abundance Scan 3547 (13.145 min): VN065141.D\data.ms (-3582) (-)

sec-Butylbenzene
Concen: 4.27 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:105 Resp: 72747
Ion Ratio Lower Upper
105 100
134 18.5 0.0 37.8



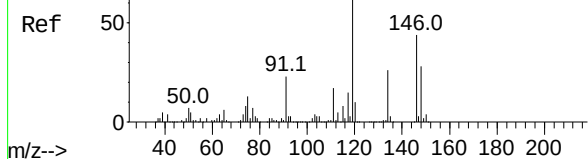
Abundance Scan 3547 (13.145 min): VN065140.D\data.ms (-3391) (-)



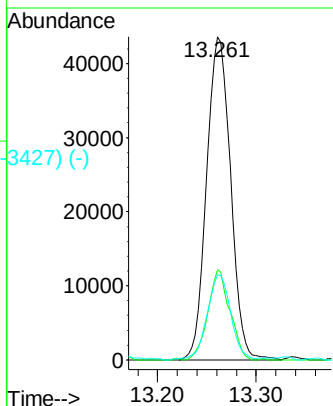
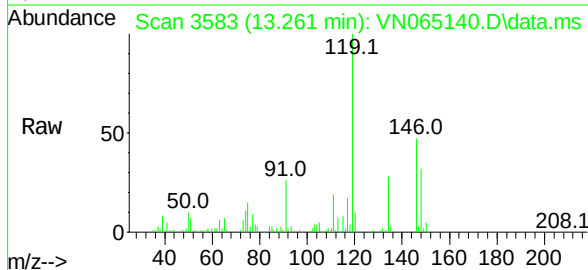
Abundance Scan 3583 (13.261 min): VN065141.D\data.ms (-3583) (-)

p-Isopropyltoluene
Concen: 4.62 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

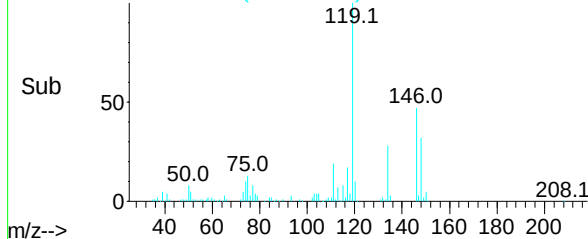
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	119	Resp:	74084
Ion	Ratio	Lower	Upper
119	100		
134	25.5	0.0	53.0
91	25.9	0.0	53.2



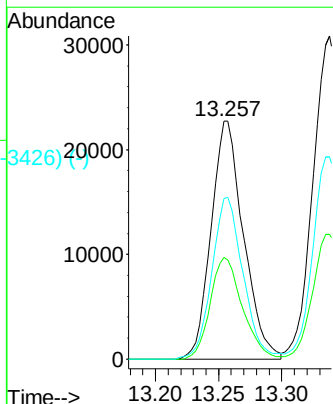
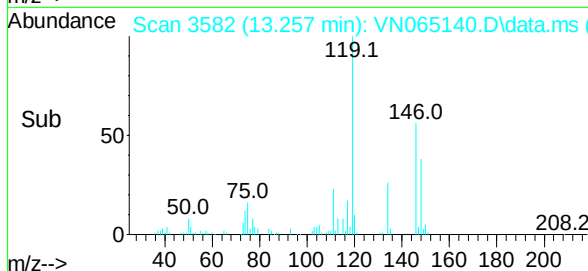
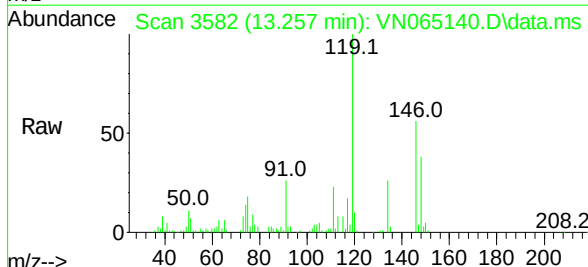
Abundance Scan 3583 (13.261 min): VN065140.D\data.ms (-3427) (-)



Abundance Scan 3582 (13.257 min): VN065141.D\data.ms (-3583) (-)

1,3-Dichlorobenzene
Concen: 4.83 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

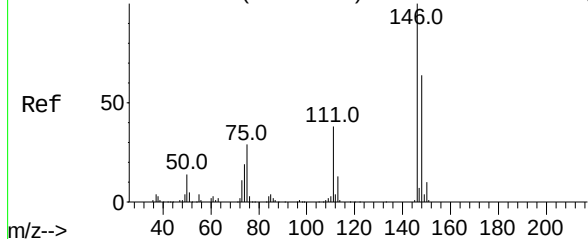
Tgt Ion:	146	Resp:	40505
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.3	66.9
148	65.6	31.8	95.3



Abundance Scan 3582 (13.257 min): VN065140.D\data.ms (-3426) (-)



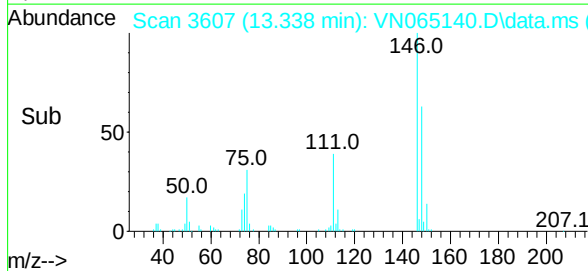
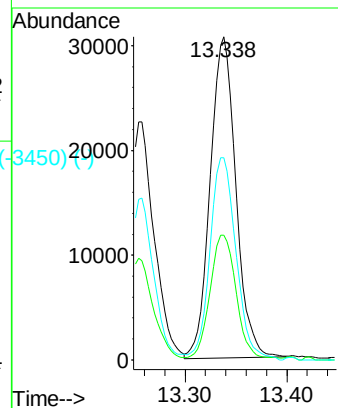
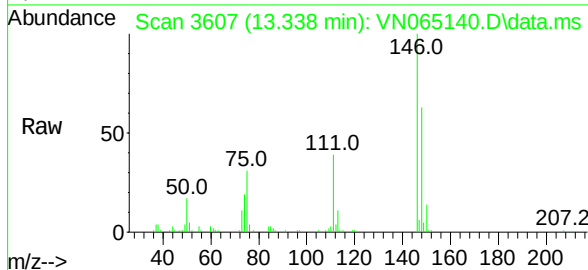
Abundance Scan 3606 (13.334 min): VN065141.D\data.ms (-3584)



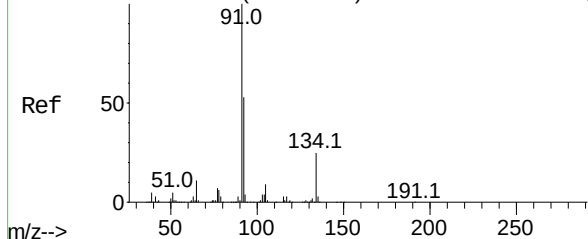
1,4-Dichlorobenzene
Concen: 6.10 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	146	Resp:	53562
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.8	65.4
148	64.0	31.5	94.5

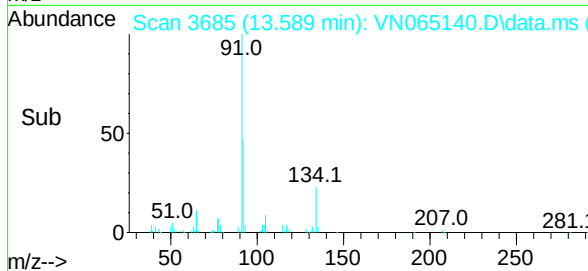
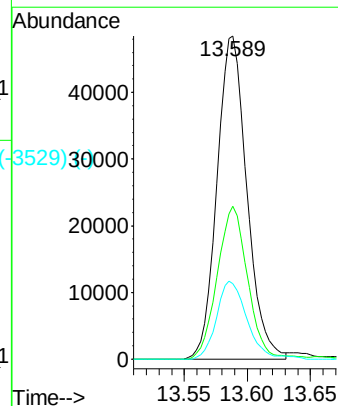
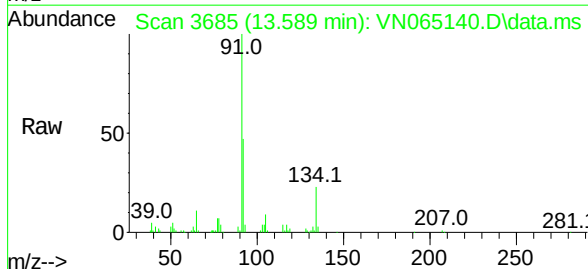


Abundance Scan 3685 (13.589 min): VN065141.D\data.ms (-3685)



n-Butylbenzene
Concen: 5.62 ug/l
RT: 13.589 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

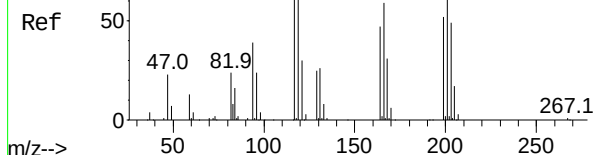
Tgt Ion:	91	Resp:	79504
Ion	Ratio	Lower	Upper
91	100		
92	48.0	0.0	101.4
134	24.2	0.0	45.2



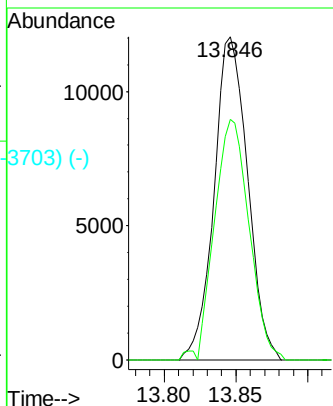
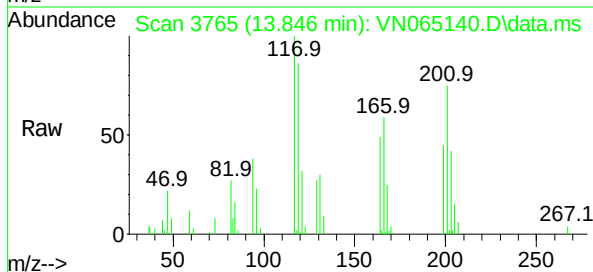
Abundance Scan 3765 (13.846 min): VN065141.D\data.ms (-3765) (-)

Hexachloroethane
Concen: 6.34 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

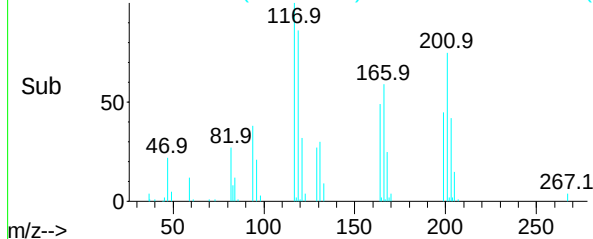
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:117 Resp: 19518
Ion Ratio Lower Upper
117 100
201 76.0 33.1 99.3



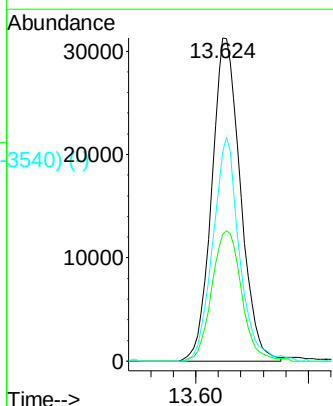
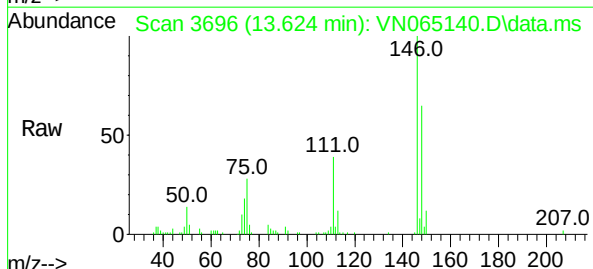
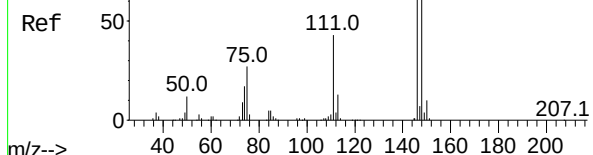
Abundance Scan 3765 (13.846 min): VN065140.D\data.ms (-3703) (-)



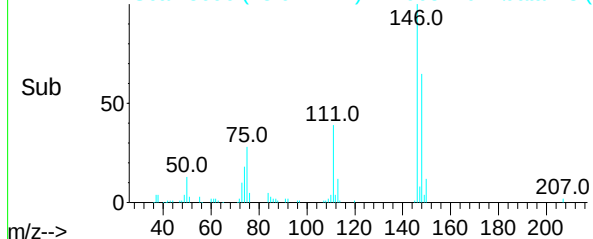
Abundance Scan 3696 (13.624 min): VN065141.D\data.ms (-3687) (-)

1,2-Dichlorobenzene
Concen: 6.33 ug/l
RT: 13.624 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Tgt Ion:146 Resp: 55076
Ion Ratio Lower Upper
146 100
111 41.8 23.1 69.2
148 63.6 32.6 97.8



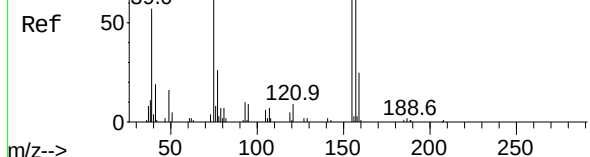
Abundance Scan 3696 (13.624 min): VN065140.D\data.ms (-3540) (-)



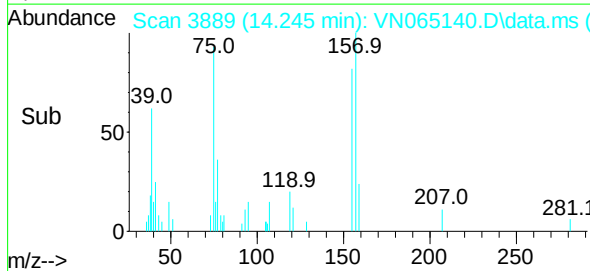
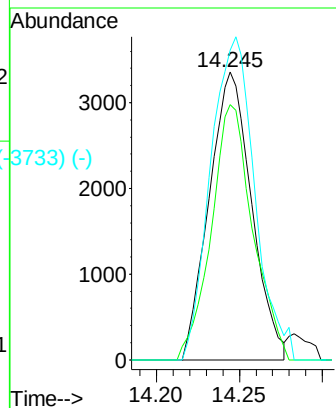
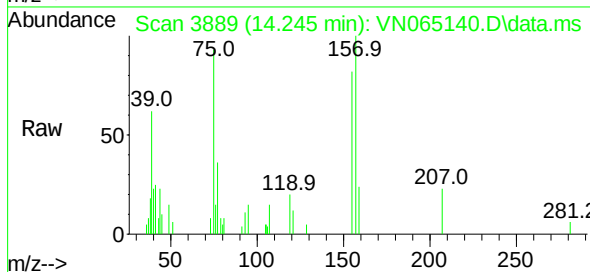
Abundance Scan 3889 (14.244 min): VN065141.D\data.ms (-3733) (-)

1,2-Dibromo-3-Chloropropane
Concen: 5.81 ug/l
RT: 14.245 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

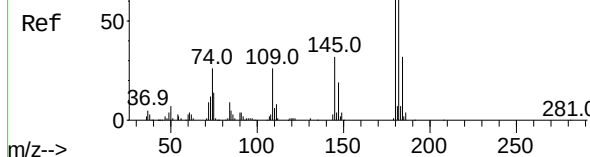


Tgt Ion:	75	Resp:	5954
Ion	Ratio	Lower	Upper
75	100		
155	86.7	56.5	84.7#
157	115.4	69.7	104.5#

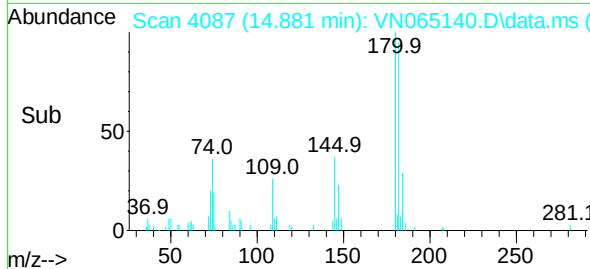
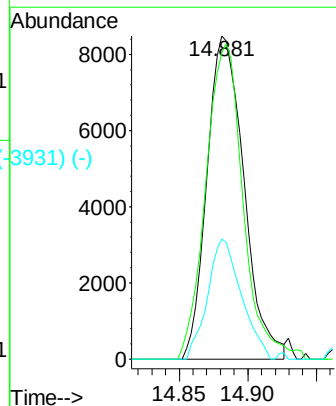
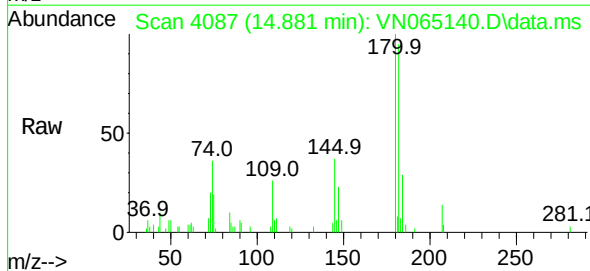


Abundance Scan 4087 (14.881 min): VN065141.D\data.ms (-4078) (-)

1,2,4-Trichlorobenzene
Concen: 4.04 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22



Tgt Ion:	180	Resp:	15848
Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.4	119.0
145	34.0	27.6	41.4



Abundance Scan 4118 (14.981 min): VN065141.D\data.ms (-4199) (-)

Hexachlorobutadiene
Concen: 7.15 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. -0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :

Ref 50 118.0 189.9 224.9 259.9

m/z-->

Tgt Ion:225 Resp: 17687
Ion Ratio Lower Upper
225 100
223 61.7 0.0 125.4
227 64.4 0.0 122.0

Abundance Scan 4117 (14.978 min): VN065140.D\data.ms

Raw 50 117.9 189.9 224.9 259.9

m/z-->

Abundance

10000 8000 6000 4000 2000 0

14.978

Time-->

Abundance Scan 4117 (14.978 min): VN065140.D\data.ms (-3962) (-)

Sub 50 117.9 189.9 224.9 259.9

m/z-->

Abundance Scan 4156 (15.103 min): VN065141.D\data.ms (-4192) (-)

Naphthalene
Concen: 3.78 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.003 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Ref 50 128.1 207.1 281.1

m/z-->

Tgt Ion:128 Resp: 41832
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 11.2 8.5 12.7

Abundance Scan 4157 (15.106 min): VN065140.D\data.ms

Raw 50 128.1 207.2 281.2

m/z-->

Abundance

20000 15000 10000 5000 0

15.106

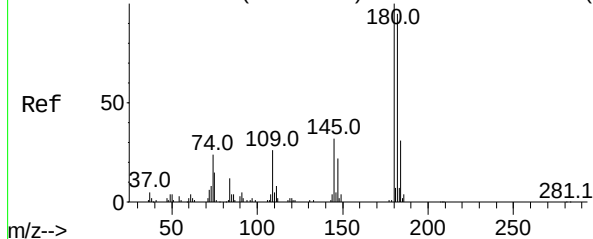
Time-->

Abundance Scan 4157 (15.106 min): VN065140.D\data.ms (-4000) (-)

Sub 50 128.1 207.2 281.1

m/z-->

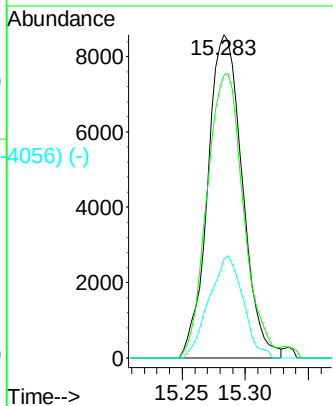
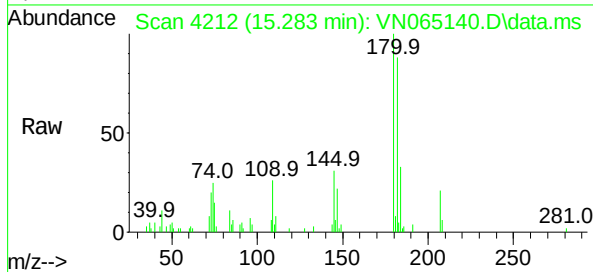
Abundance Scan 4212 (15.283 min): VN065141.D\data.ms (-4199) (-)



1,2,3-Trichlorobenzene
Concen: 4.43 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VN065140.D
Acq: 15 Dec 2020 13:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	180	Resp:	16346
Ion	Ratio	Lower	Upper
180	100		
182	92.6	0.0	186.0
145	31.0	0.0	69.6



Abundance Scan 4212 (15.283 min): VN065140.D\data.ms (-4056) (-)

