

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065327.D
 Acq On : 30 Dec 2020 18:01
 Operator : JC/MD
 Sample : PB133547ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 03:04:56 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

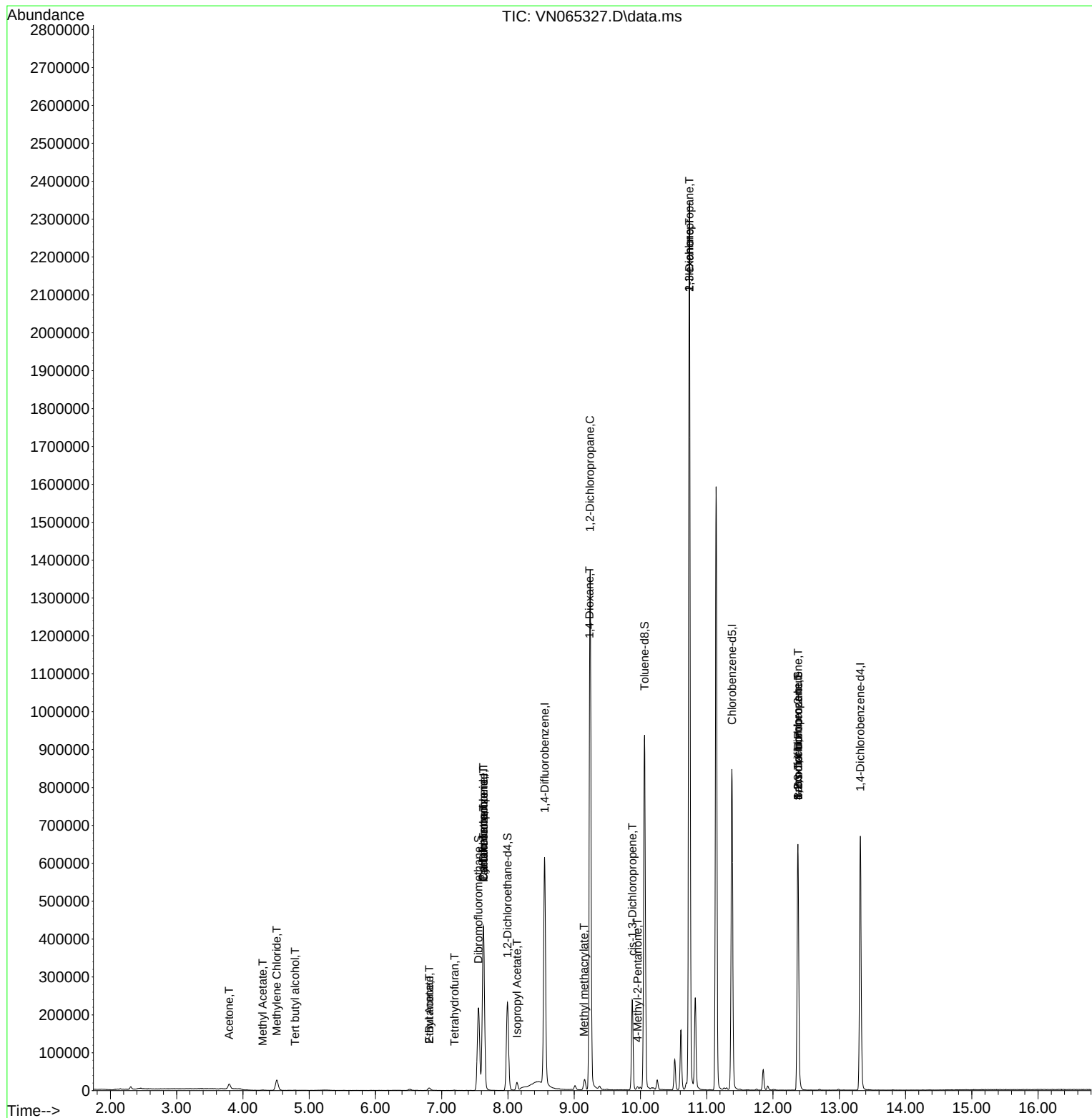
Internal Standards						
1) Pentafluorobenzene	7.630	168	393369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	568554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	522296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	207299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	205614	46.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.60%		
35) Dibromofluoromethane	7.553	113	169911	49.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.06%		
50) Toluene-d8	10.061	98	680314	52.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.84%		
62) 4-Bromofluorobenzene	12.376	95	226869	45.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.34%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.785	59	1290	1.78	ug/l #	73
16) Acetone	3.791	43	21458	0.79	ug/l	94
18) Methyl Acetate	4.299	43	2095	0.53	ug/l #	56
20) Methylene Chloride	4.512	84	21394	4.94	ug/l	97
25) 2-Butanone	6.810	43	11072	4.44	ug/l	93
29) Tetrahydrofuran	7.193	42	1000	0.62	ug/l #	32
31) Cyclohexane	7.627	56	6428	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	25362	4.91	ug/l #	49
37) Ethyl Acetate	6.810	43	11072	2.16	ug/l #	66
38) Carbon Tetrachloride	7.627	117	33599	6.19	ug/l #	16
43) Isopropyl Acetate	8.135	43	25598	2.90	ug/l	96
45) 1,2-Dichloropropane	9.238	63	1698	0.42	ug/l #	43
48) Methyl methacrylate	9.148	41	6891	1.61	ug/l #	12
49) 1,4-Dioxane	9.232	88	61	0.88	ug/l #	1
51) 4-Methyl-2-Pentanone	9.955	43	6247	1.26	ug/l	95
54) cis-1,3-Dichloropropene	9.878	75	44940	6.55	ug/l #	60
57) 1,3-Dichloropropane	10.736	76	24925	3.94	ug/l #	42
59) 2-Hexanone	10.736	43	338679	92.78	ug/l #	49
71) Bromoform	12.376	173	1287	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	110048	26.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	110048	65.61	ug/l #	15

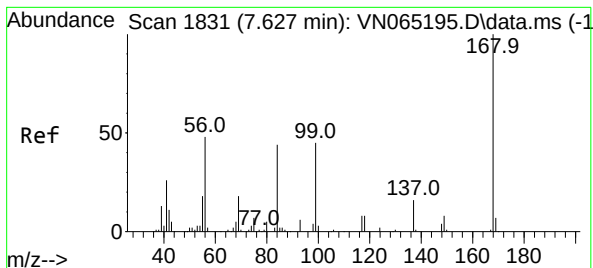
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
Data File : VN065327.D
Acq On : 30 Dec 2020 18:01
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MSVOA_N
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Quant Time: Dec 31 03:04:56 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.630 min Scan# 1832

Delta R.T. 0.003 min

Lab File: VN065327.D

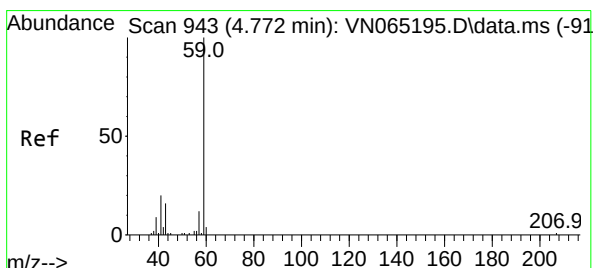
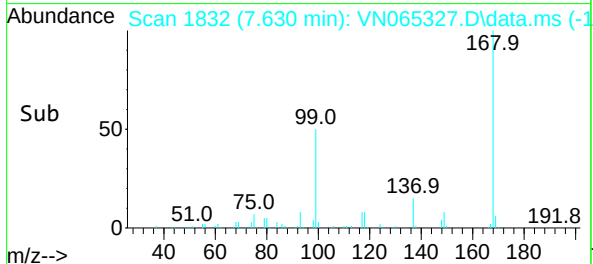
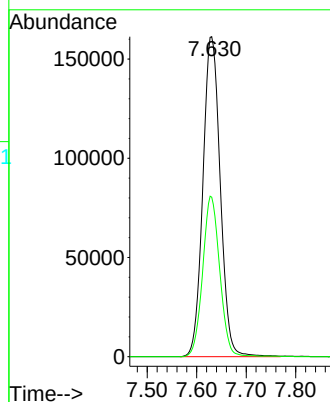
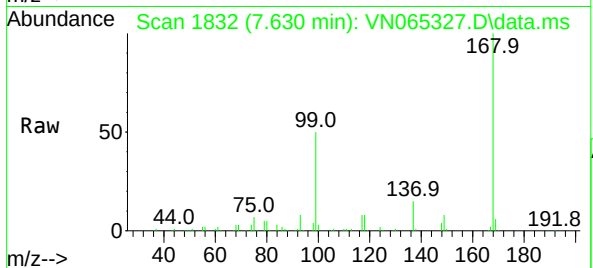
Acq: 30 Dec 2020 18:01

Tgt Ion:168 Resp: 393369

Ion Ratio Lower Upper

168 100

99 49.8 43.0 64.4



#11

Tert butyl alcohol

Concen: 1.78 ug/l

RT: 4.785 min Scan# 947

Delta R.T. 0.013 min

Lab File: VN065327.D

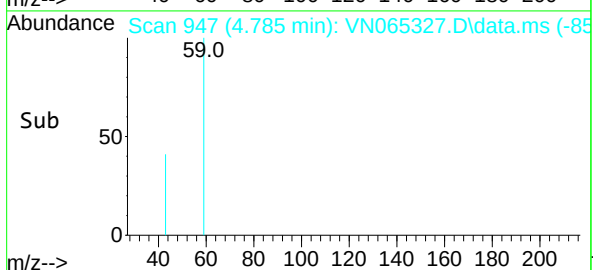
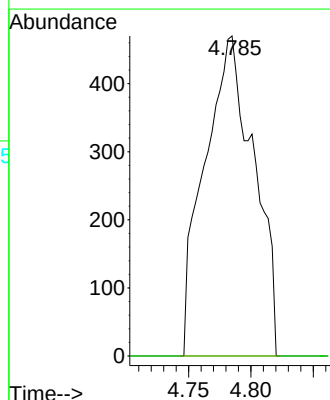
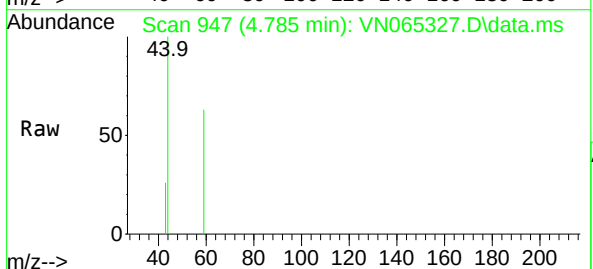
Acq: 30 Dec 2020 18:01

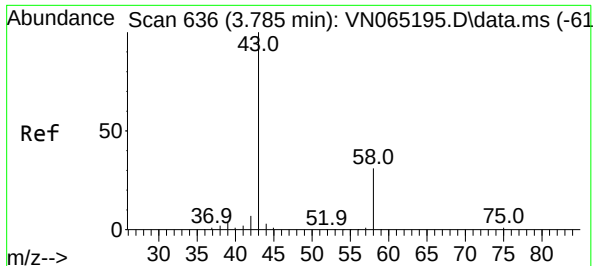
Tgt Ion: 59 Resp: 1290

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

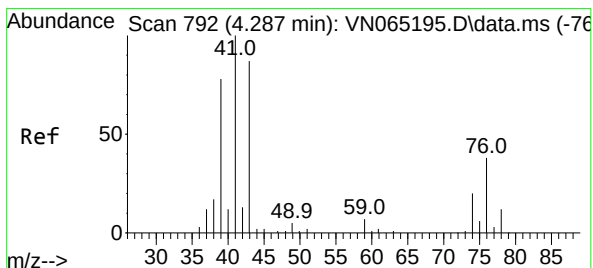
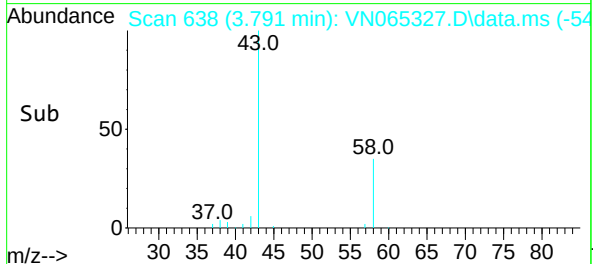
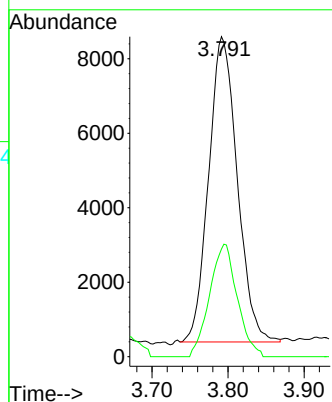
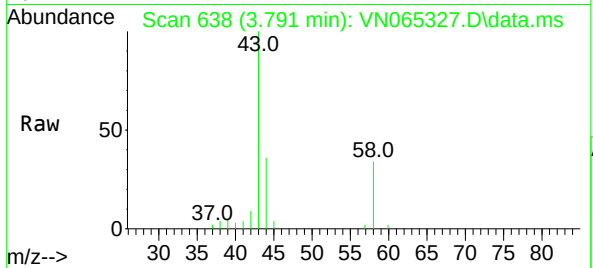




#16
Acetone
Concen: 0.79 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

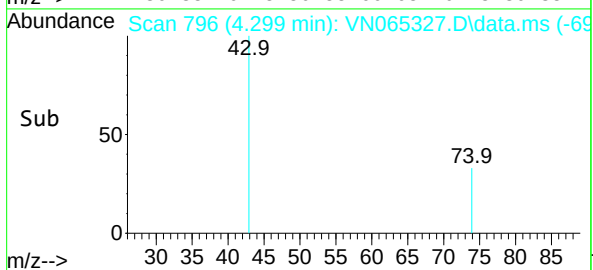
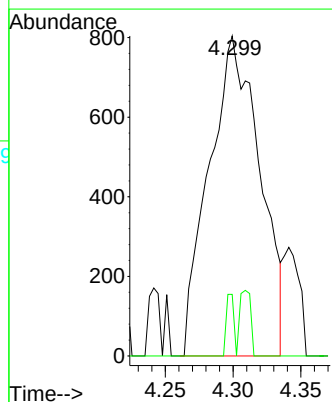
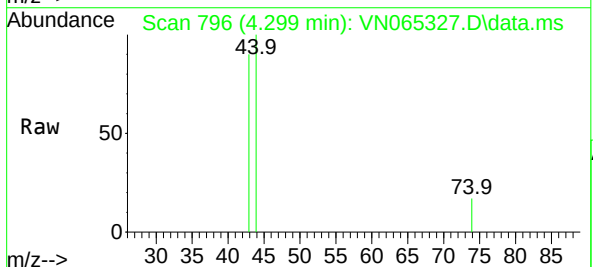
Instrument :
MSVOA_N
ClientSampled :

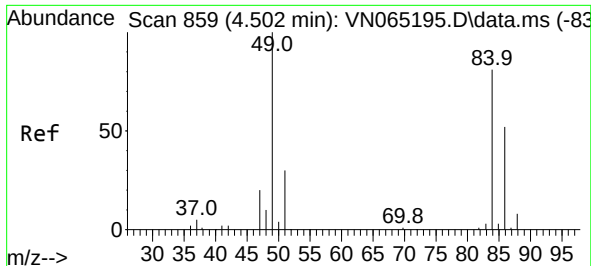
Tgt Ion: 43 Resp: 21458
Ion Ratio Lower Upper
43 100
58 35.3 25.7 38.5



#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

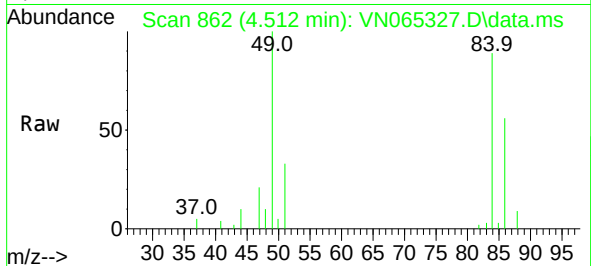
Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
74 2.9 20.2 30.2#



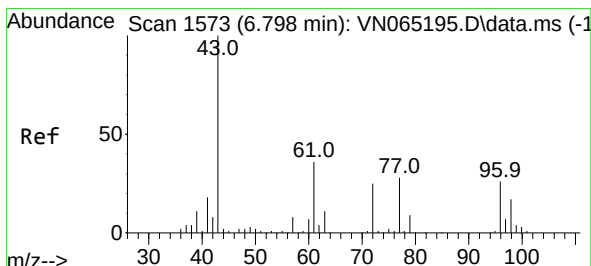
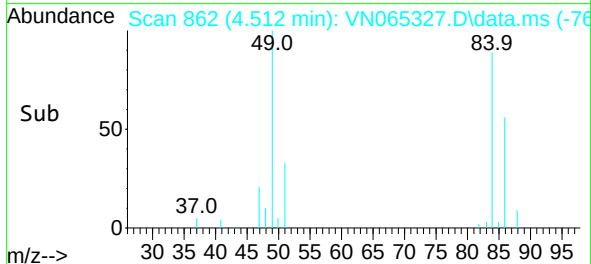
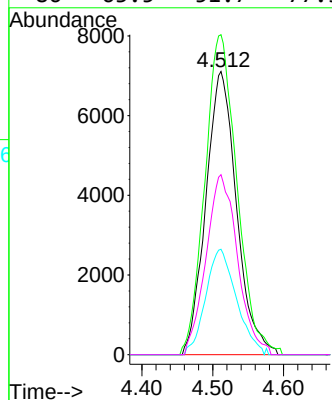


#20
Methylene Chloride
Concen: 4.94 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :

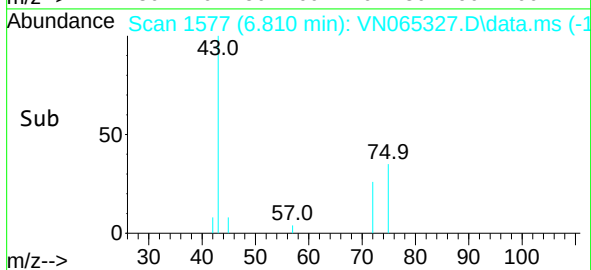
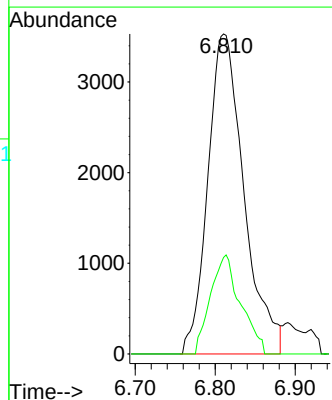
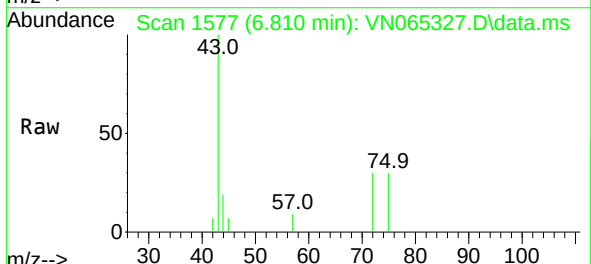


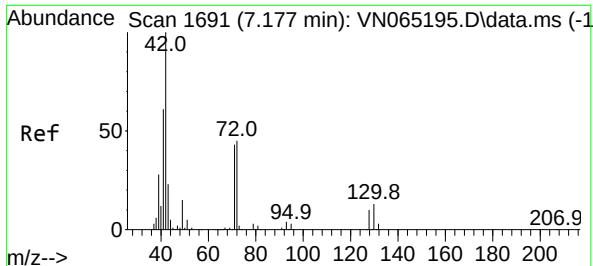
Tgt Ion:	84	Resp:	21394
Ion	Ratio	Lower	Upper
84	100		
49	113.0	93.4	140.0
51	37.2	28.2	42.4
86	63.5	51.7	77.5



#25
2-Butanone
Concen: 4.44 ug/l
RT: 6.810 min Scan# 1577
Delta R.T. 0.012 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion:	43	Resp:	11072
Ion	Ratio	Lower	Upper
43	100		
72	30.1	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.62 ug/l

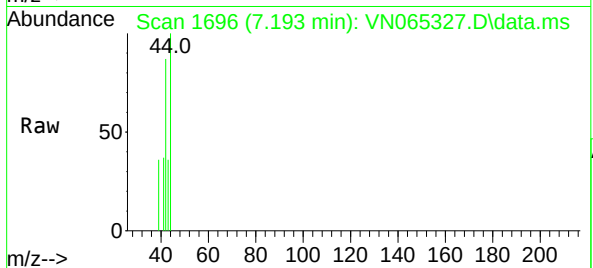
RT: 7.193 min Scan# 1696

Delta R.T. 0.016 min

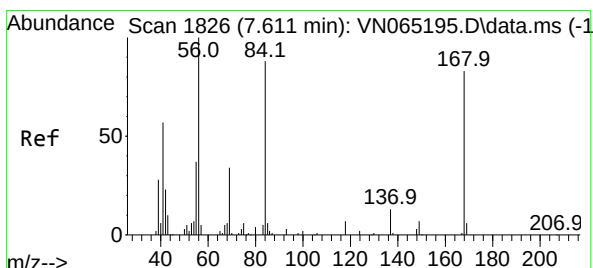
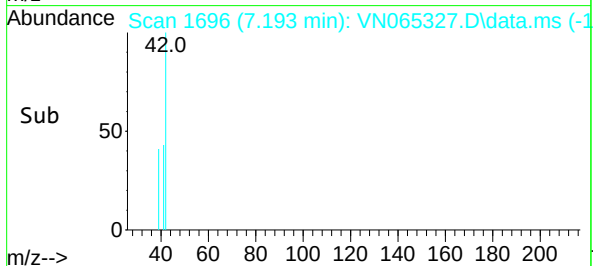
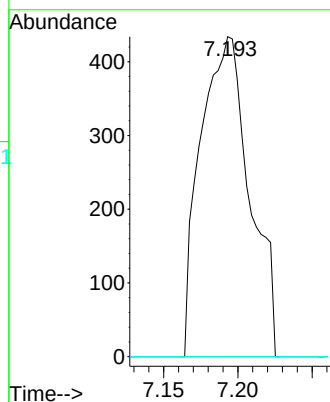
Lab File: VN065327.D

Acq: 30 Dec 2020 18:01

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	42	Resp:	1000
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 0.98 ug/l

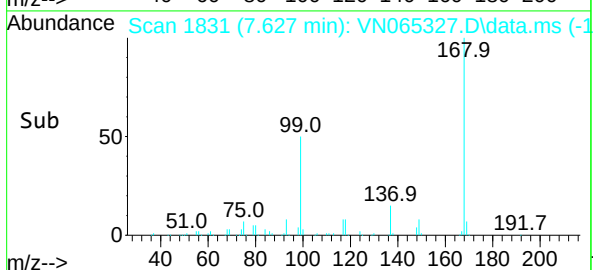
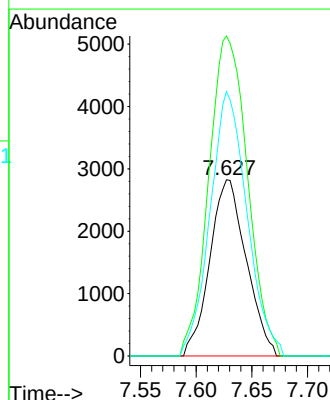
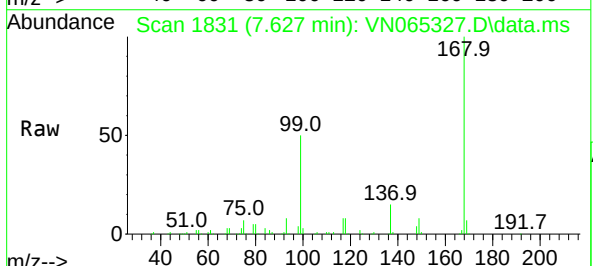
RT: 7.627 min Scan# 1831

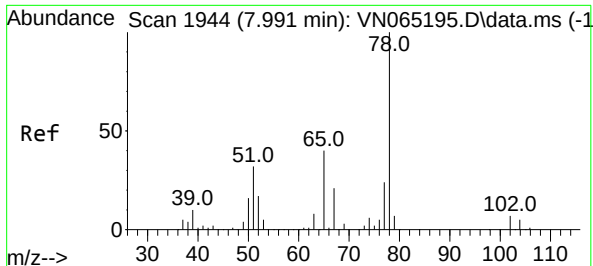
Delta R.T. 0.016 min

Lab File: VN065327.D

Acq: 30 Dec 2020 18:01

Tgt Ion:	56	Resp:	6428
Ion	Ratio	Lower	Upper
56	100		
69	181.7	27.5	41.3#
84	150.1	73.9	110.9#

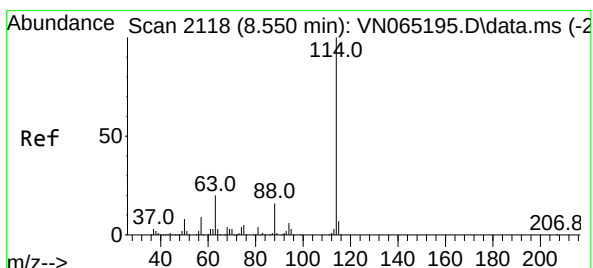
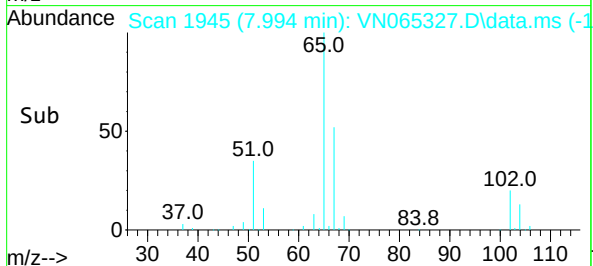
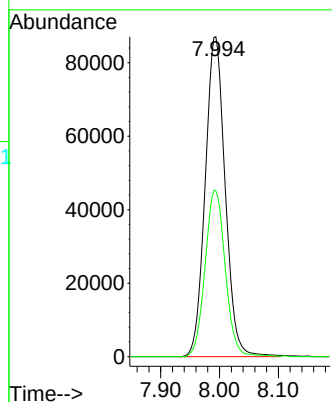
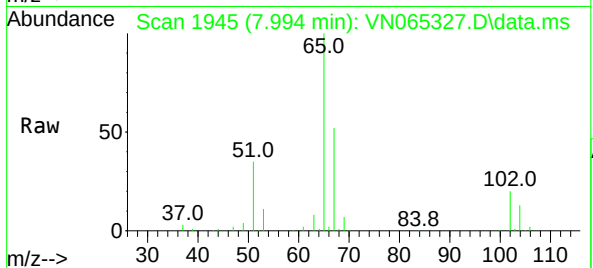




#33
1,2-Dichloroethane-d4
Concen: 46.30 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

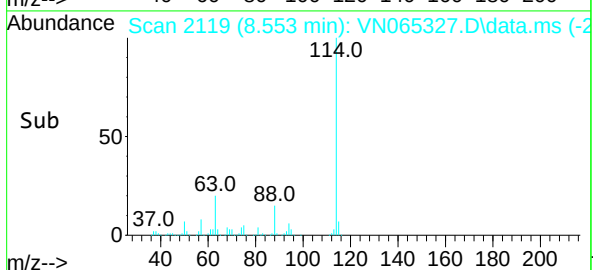
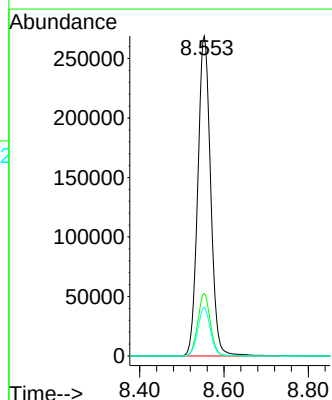
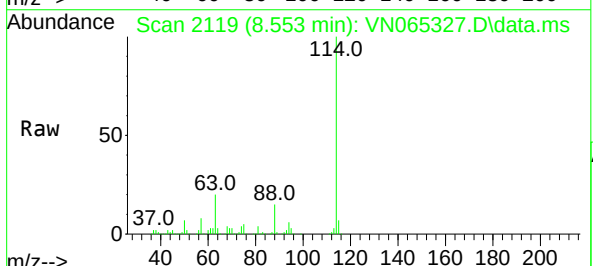
Instrument :
MSVOA_N
ClientSampled :

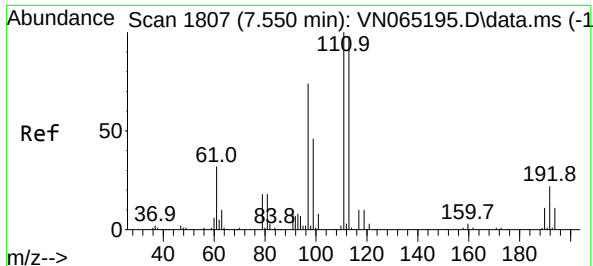
Tgt Ion: 65 Resp: 205614
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion: 114 Resp: 568554
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.1 0.0 32.6

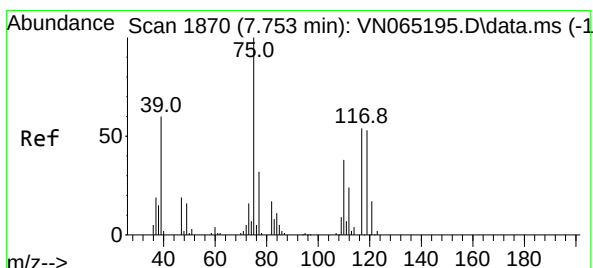
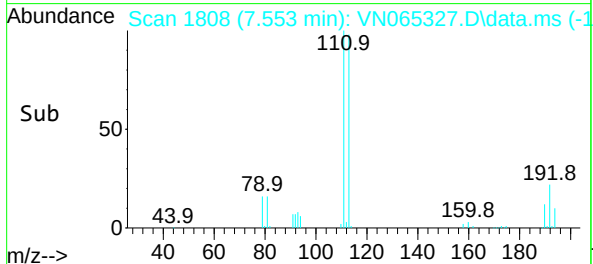
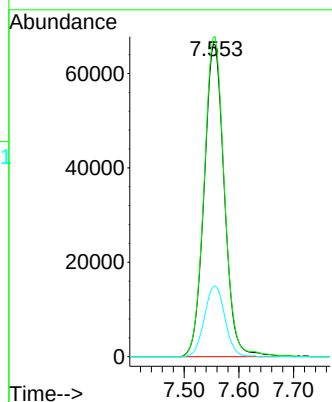
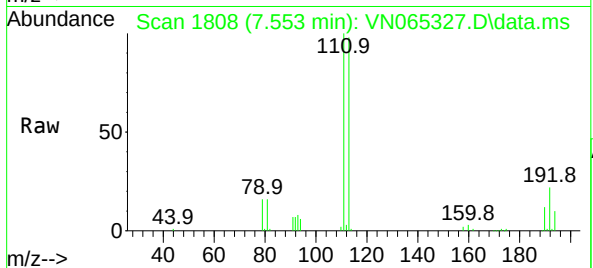




#35
Dibromofluoromethane
Concen: 49.53 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

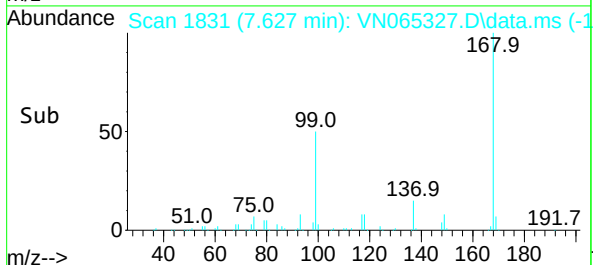
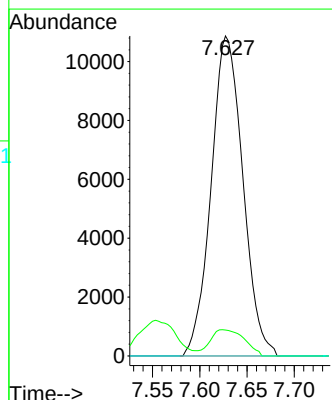
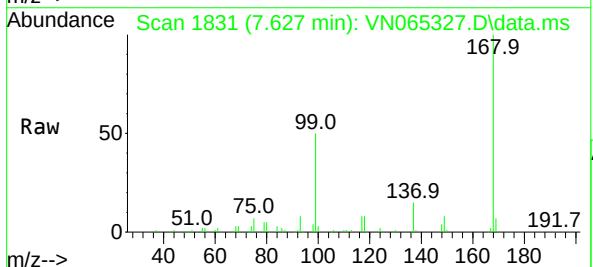
Instrument :
MSVOA_N
ClientSampleId :

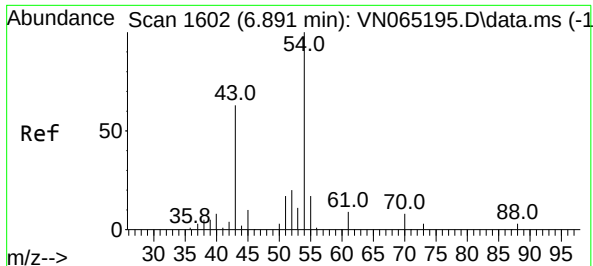
Tgt Ion:113 Resp: 169911
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 23.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion: 75 Resp: 25362
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.16 ug/l

RT: 6.810 min Scan# 1577

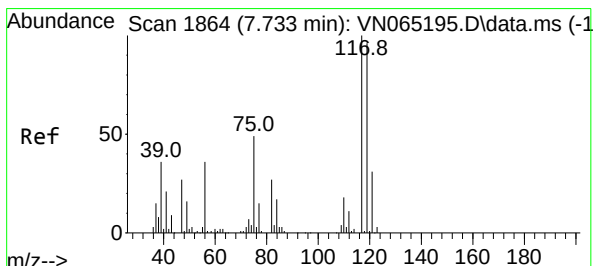
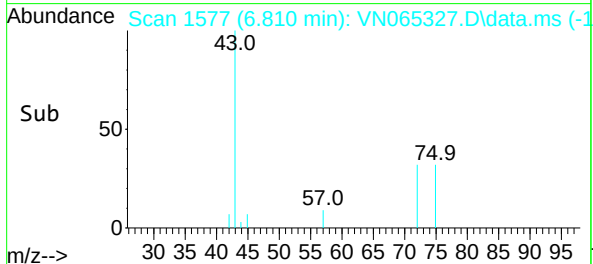
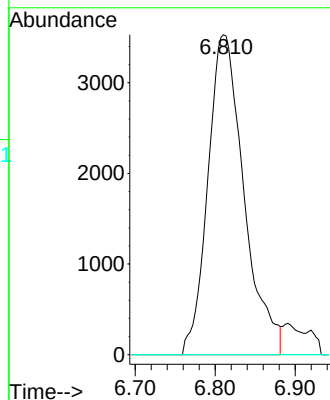
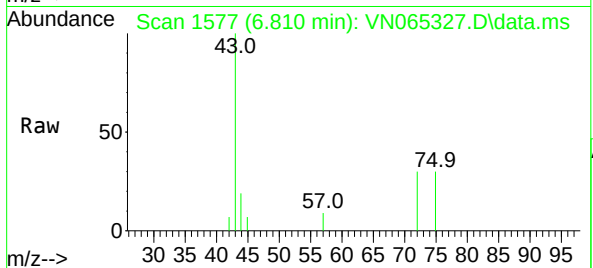
Delta R.T. -0.081 min

Lab File: VN065327.D

Acq: 30 Dec 2020 18:01

Tgt Ion:	43	Resp:	11072
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.19 ug/l

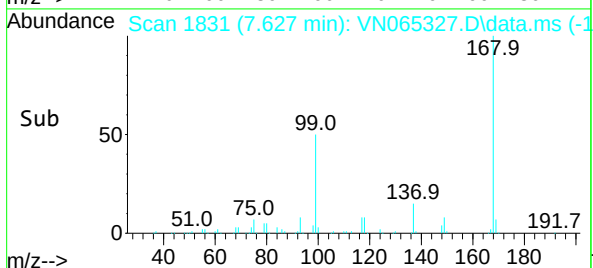
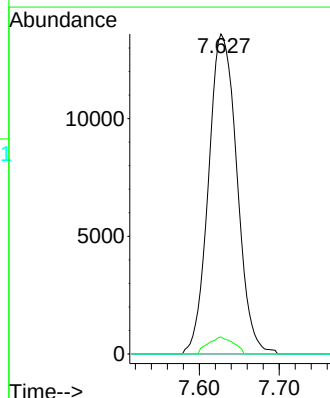
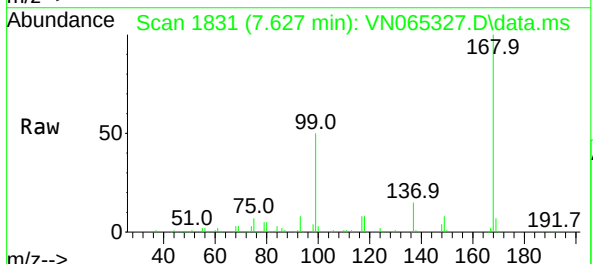
RT: 7.627 min Scan# 1831

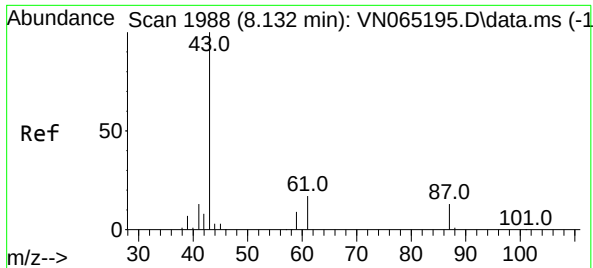
Delta R.T. -0.106 min

Lab File: VN065327.D

Acq: 30 Dec 2020 18:01

Tgt Ion:	117	Resp:	33599
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.7	115.1#
121	0.0	25.4	38.2#

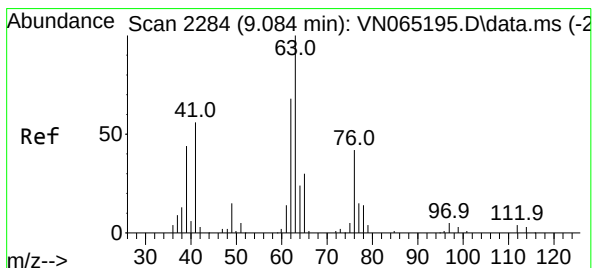
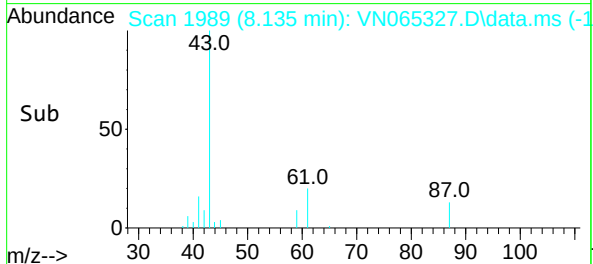
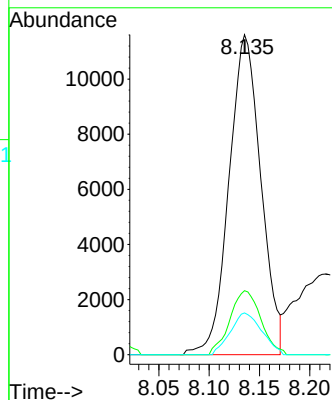
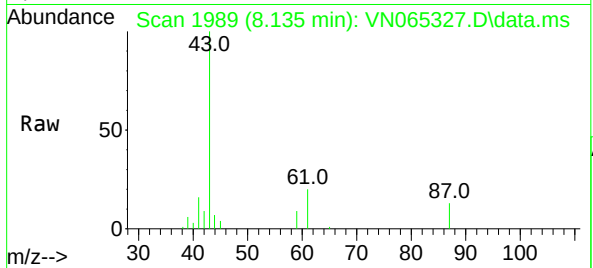




#43
Isopropyl Acetate
Concen: 2.90 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

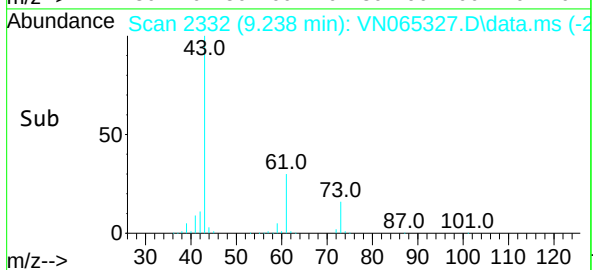
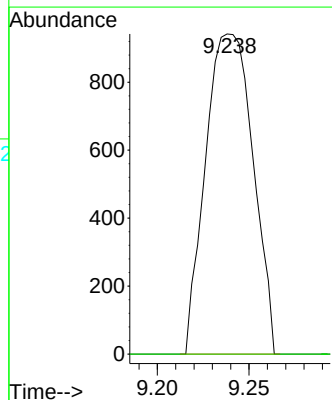
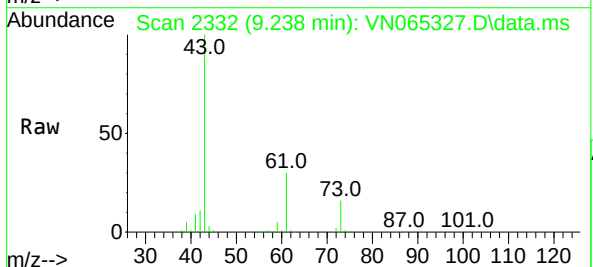
Instrument :
MSVOA_N
ClientSampled :

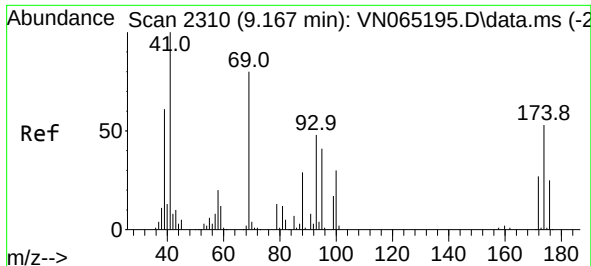
Tgt Ion:	43	Resp:	25598
Ion	Ratio	Lower	Upper
43	100		
61	19.4	17.2	25.8
87	12.9	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion:	63	Resp:	1698
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

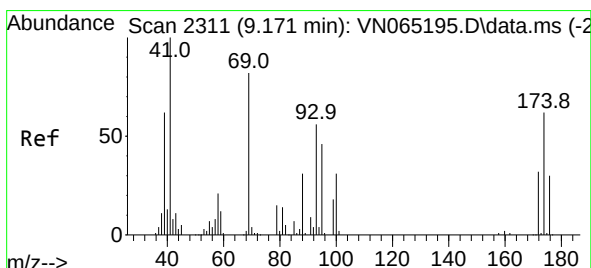
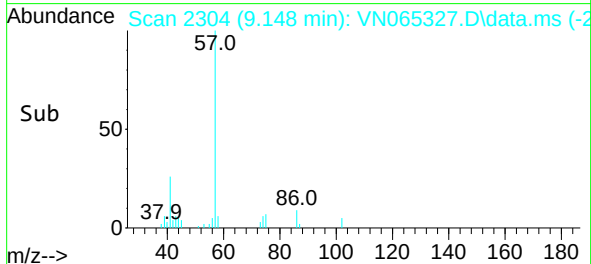
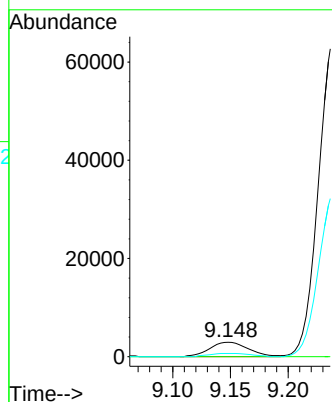
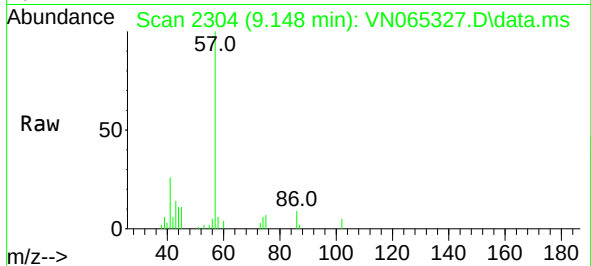




#48
Methyl methacrylate
Concen: 1.61 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

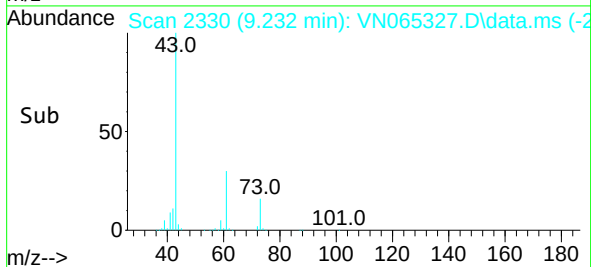
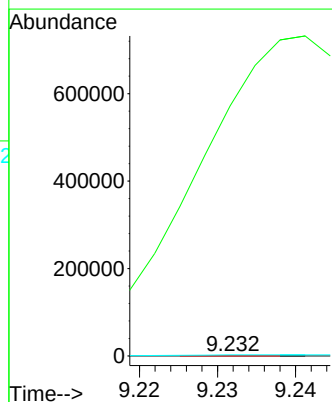
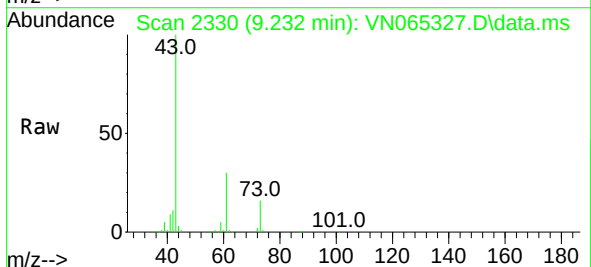
Instrument :
MSVOA_N
ClientSampled :

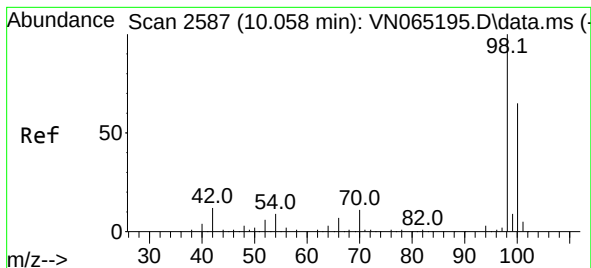
Tgt Ion: 41 Resp: 6891
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#49
1,4-Dioxane
Concen: 0.88 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.061 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 8845.9 52.5 78.7#

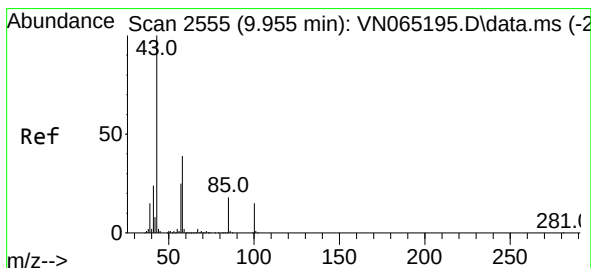
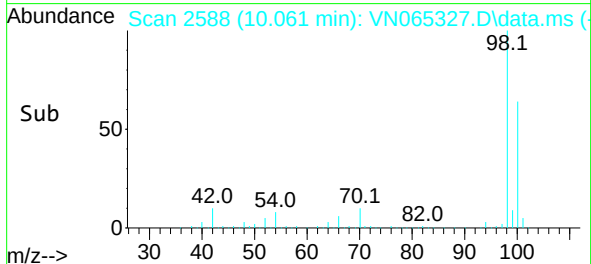
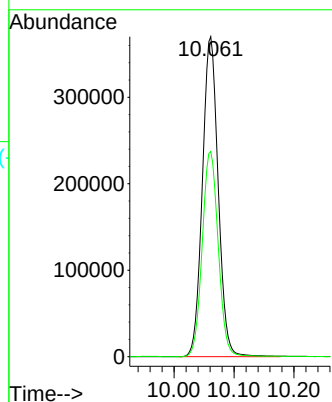
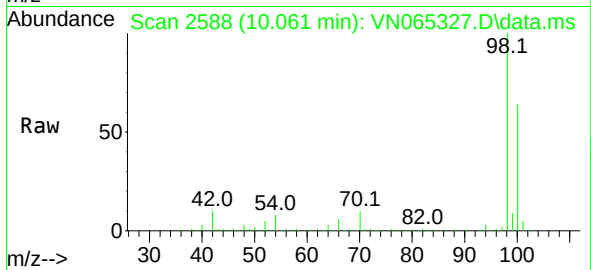




#50
Toluene-d8
Concen: 52.92 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

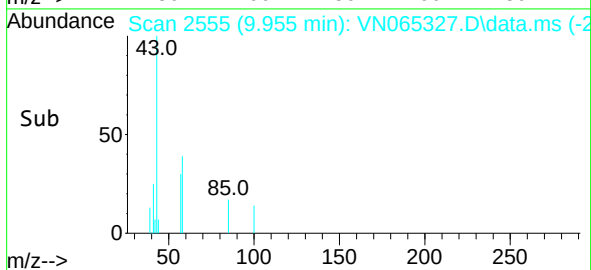
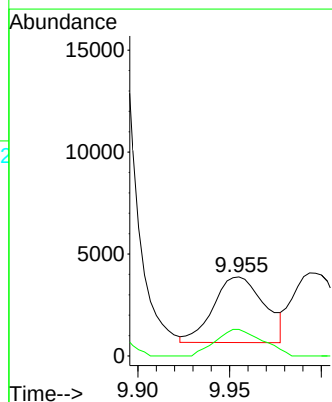
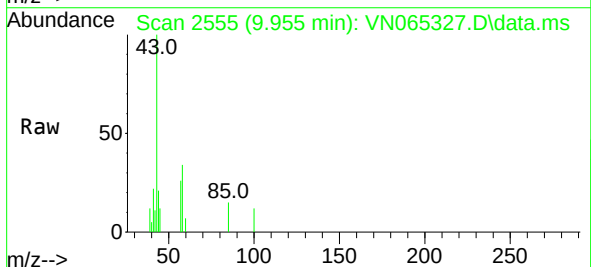
Instrument :
MSVOA_N
ClientSampled :

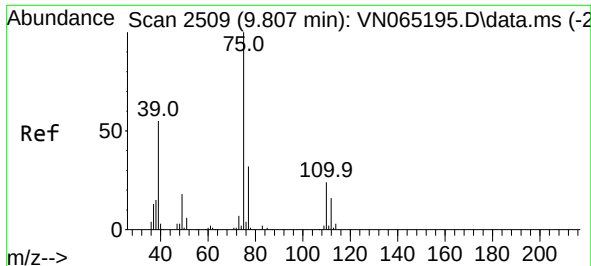
Tgt Ion: 98 Resp: 680314
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.26 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion: 43 Resp: 6247
Ion Ratio Lower Upper
43 100
58 37.1 32.4 48.6

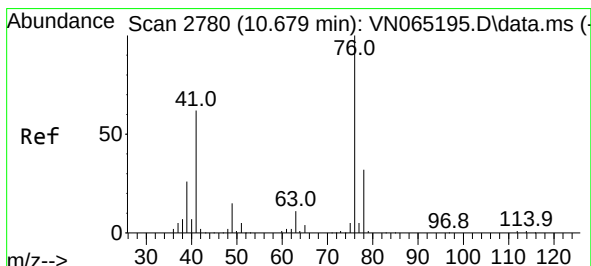
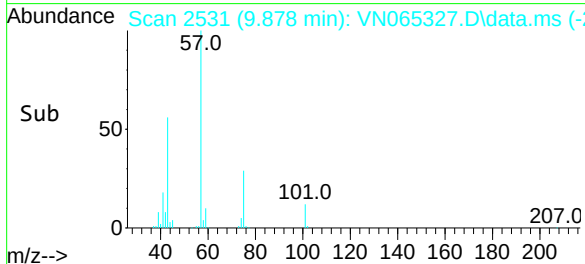
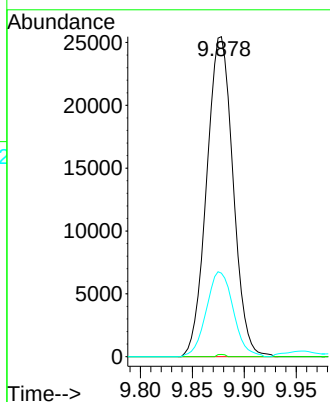
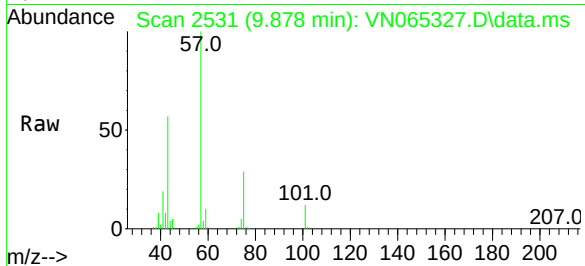




#54
 cis-1,3-Dichloropropene
 Concen: 6.55 ug/l
 RT: 9.878 min Scan# 2531
 Delta R.T. 0.071 min
 Lab File: VN065327.D
 Acq: 30 Dec 2020 18:01

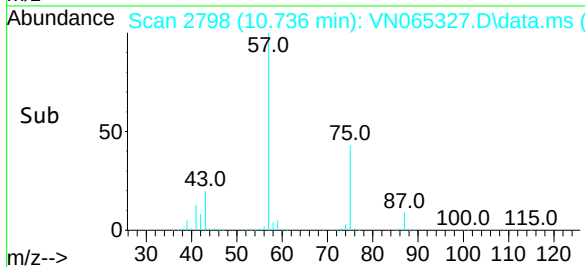
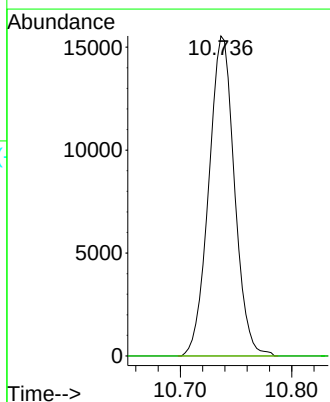
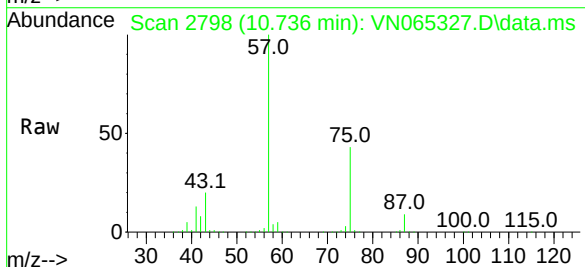
Instrument :
 MSVOA_N
 ClientSampled :

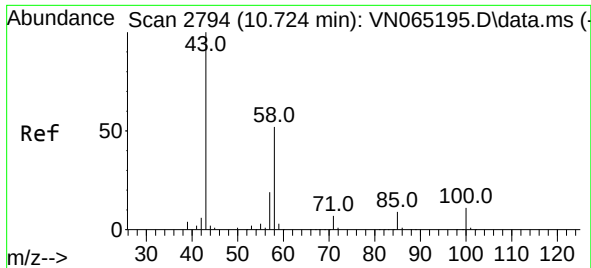
Tgt Ion: 75 Resp: 44940
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.5 38.3#
 39 26.1 35.6 53.4#



#57
 1,3-Dichloropropane
 Concen: 3.94 ug/l
 RT: 10.736 min Scan# 2798
 Delta R.T. 0.057 min
 Lab File: VN065327.D
 Acq: 30 Dec 2020 18:01

Tgt Ion: 76 Resp: 24925
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

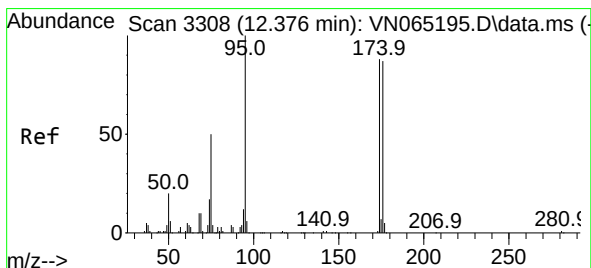
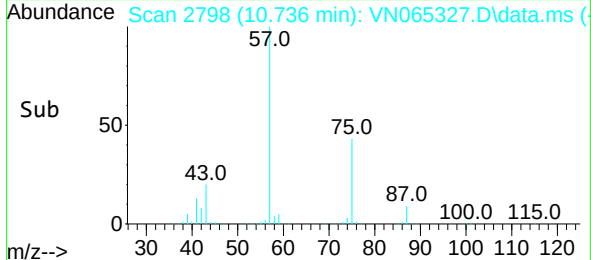
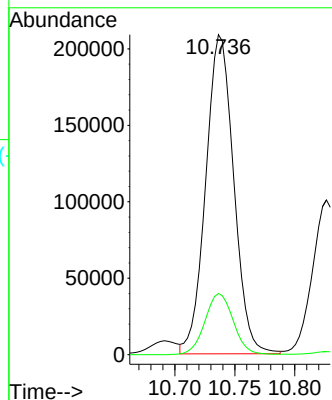
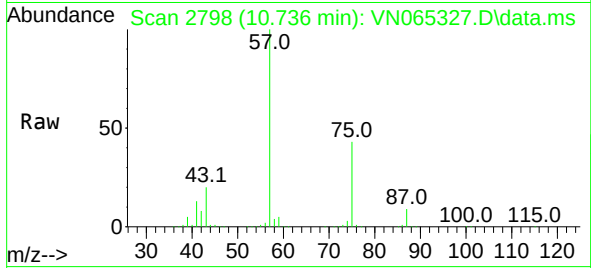




#59
2-Hexanone
Concen: 92.78 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

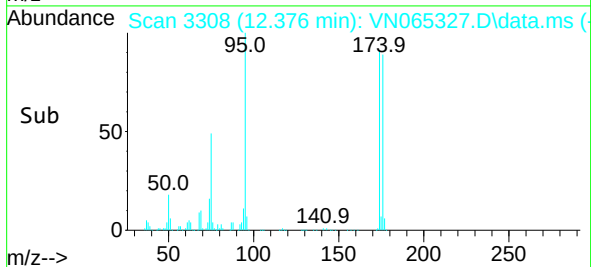
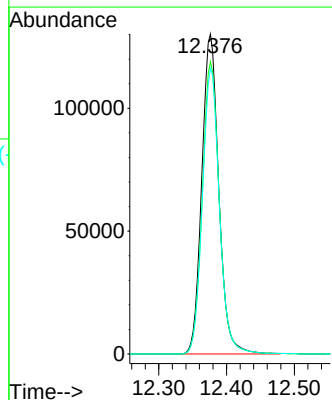
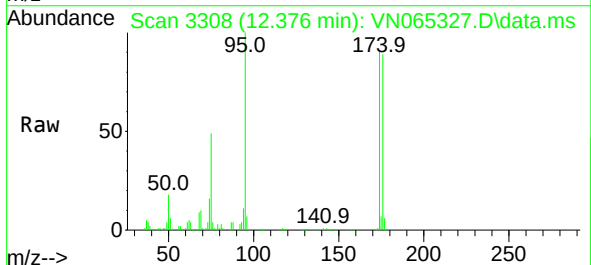
Instrument :
MSVOA_N
ClientSampleId :

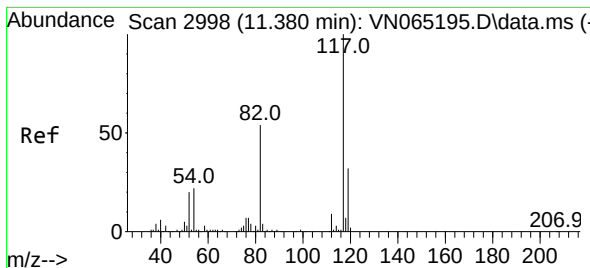
Tgt Ion: 43 Resp: 338679
Ion Ratio Lower Upper
43 100
58 19.5 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 45.17 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

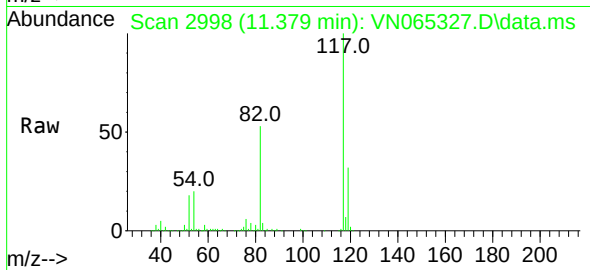
Tgt Ion: 95 Resp: 226869
Ion Ratio Lower Upper
95 100
174 91.5 0.0 160.4
176 89.3 0.0 158.4



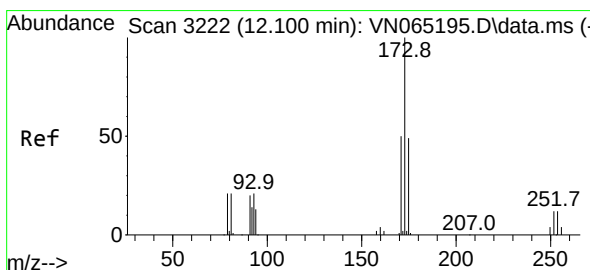
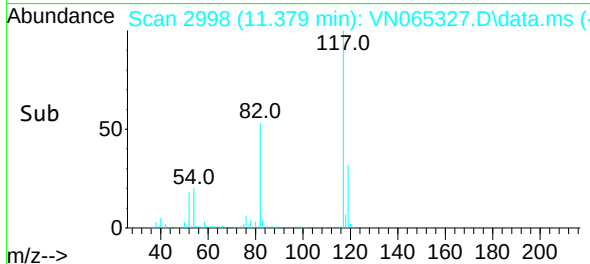
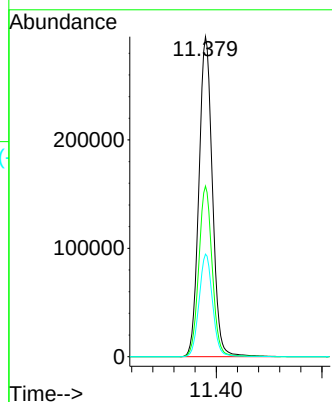


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Instrument :
MSVOA_N
ClientSampled :

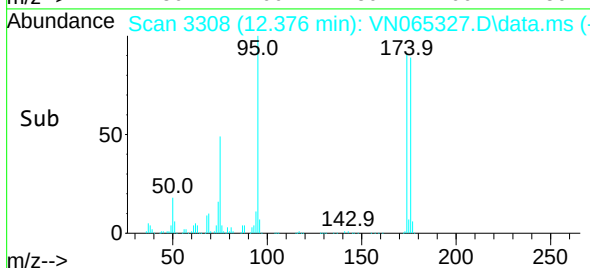
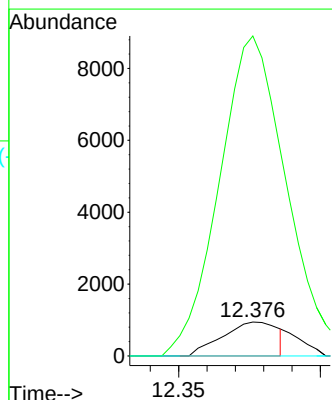
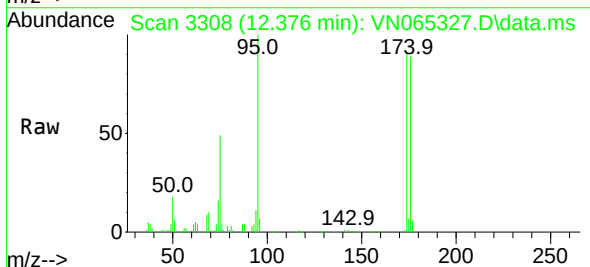


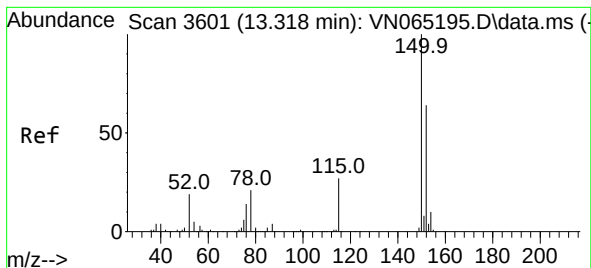
Tgt Ion:117 Resp: 522296
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.36 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065327.D
Acq: 30 Dec 2020 18:01

Tgt Ion:173 Resp: 1287
Ion Ratio Lower Upper
173 100
175 943.4 24.3 72.8#
254 0.0 0.0 0.0

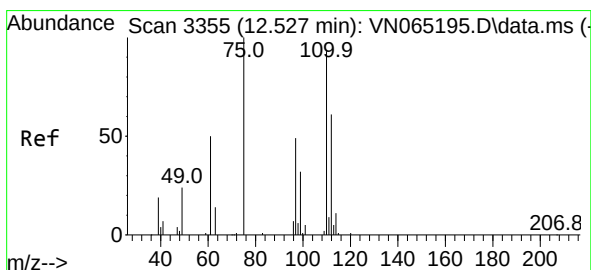
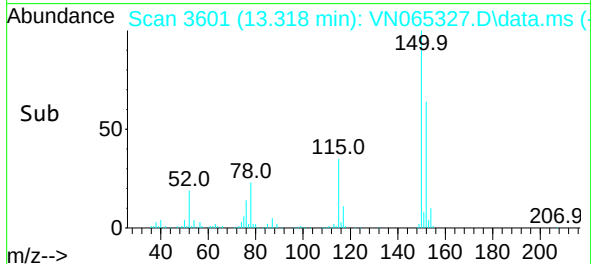
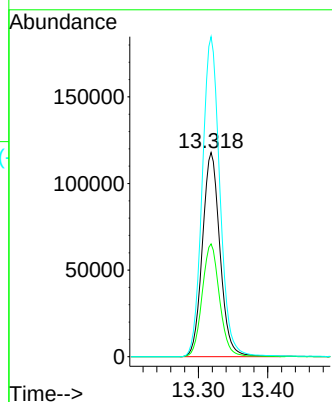
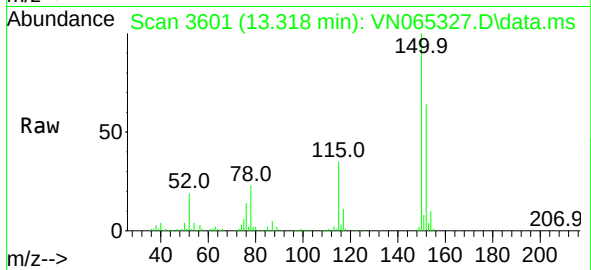




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065327.D
 Acq: 30 Dec 2020 18:01

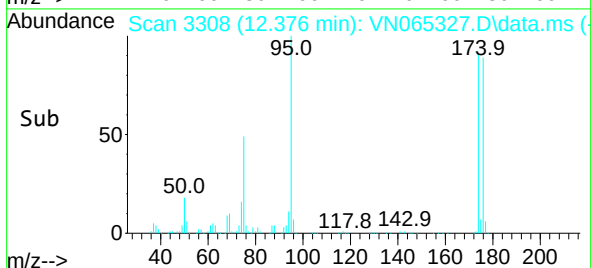
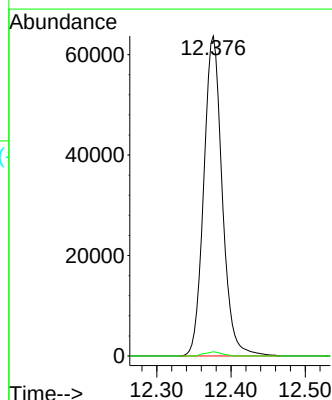
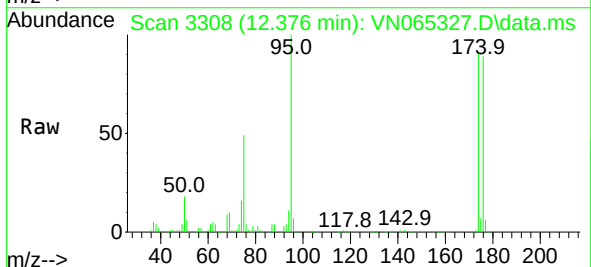
Instrument :
 MSVOA_N
 ClientSampled :

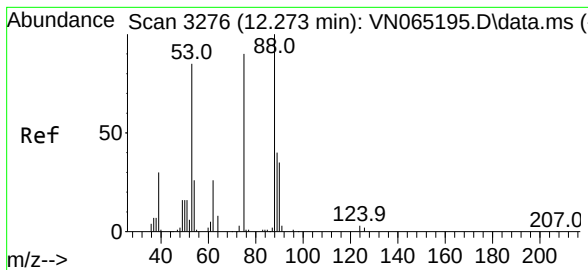
Tgt Ion:152 Resp: 207299
 Ion Ratio Lower Upper
 152 100
 115 54.8 29.7 89.1
 150 157.9 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 26.02 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065327.D
 Acq: 30 Dec 2020 18:01

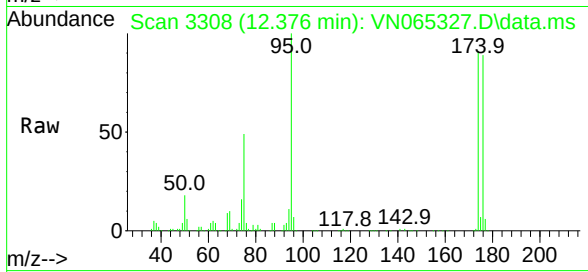
Tgt Ion: 75 Resp: 110048
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.61 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065327.D
 Acq: 30 Dec 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 110048
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.0 100.4#
 89 0.0 39.6 59.4#

