

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065236.D
 Acq On : 23 Dec 2020 15:39
 Operator : JC/MD
 Sample : PB133762ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762ZHE#04

Quant Time: Dec 24 04:21:24 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)

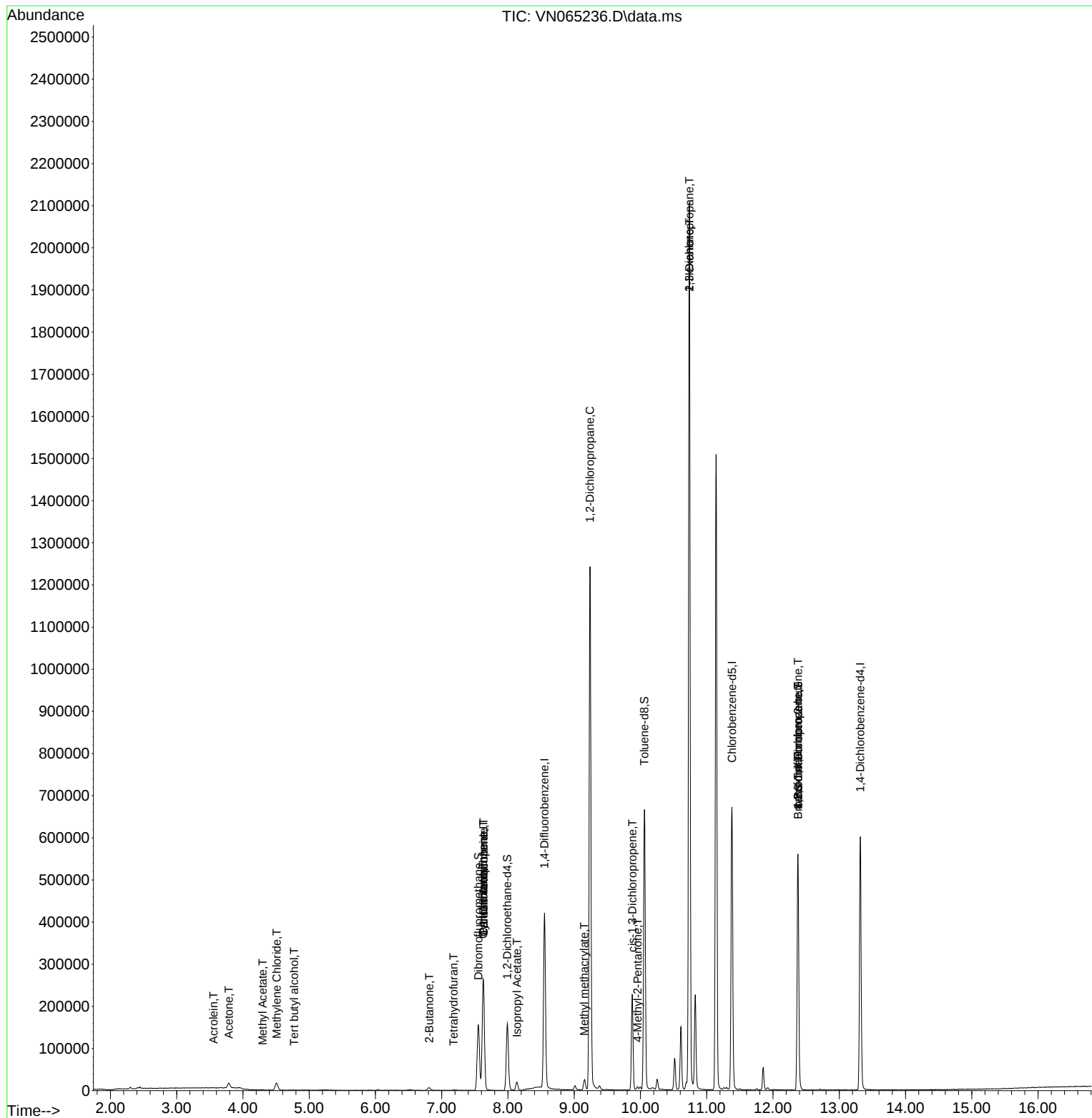
Internal Standards						
1) Pentafluorobenzene	7.627	168	232477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	385547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	405160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	175946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	138676	52.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.68%			
35) Dibromofluoromethane	7.553	113	119967	51.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.16%			
50) Toluene-d8	10.058	98	475832	54.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.16%			
62) 4-Bromofluorobenzene	12.376	95	191894	55.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.16%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.772	59	625	1.46	ug/l #	73
13) Acrolein	3.557	56	135	2.87	ug/l #	14
16) Acetone	3.785	43	16969	4.86	ug/l	99
18) Methyl Acetate	4.296	43	955	0.41	ug/l #	50
20) Methylene Chloride	4.508	84	12850	5.02	ug/l	95
25) 2-Butanone	6.811	43	6062	4.11	ug/l	97
29) Tetrahydrofuran	7.180	42	499	0.52	ug/l #	32
31) Cyclohexane	7.624	56	4254	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16161	4.61	ug/l #	49
38) Carbon Tetrachloride	7.630	117	19798	5.38	ug/l #	16
43) Isopropyl Acetate	8.135	43	25318	4.23	ug/l	95
45) 1,2-Dichloropropane	9.238	63	1477	0.54	ug/l #	43
48) Methyl methacrylate	9.151	41	6652	2.29	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	5583	1.66	ug/l #	85
54) cis-1,3-Dichloropropene	9.878	75	41849	9.00	ug/l #	60
57) 1,3-Dichloropropane	10.736	76	21883	5.10	ug/l #	42
59) 2-Hexanone	10.736	43	318195	128.55	ug/l #	48
71) Bromoform	12.379	173	1026	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	98645	27.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98645	69.30	ug/l #	15

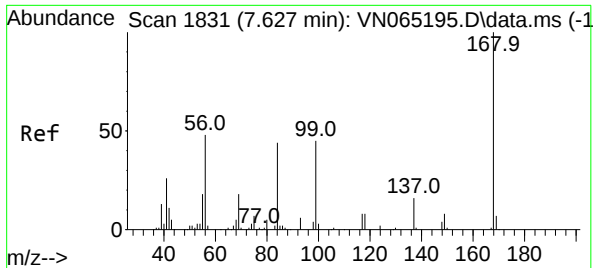
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

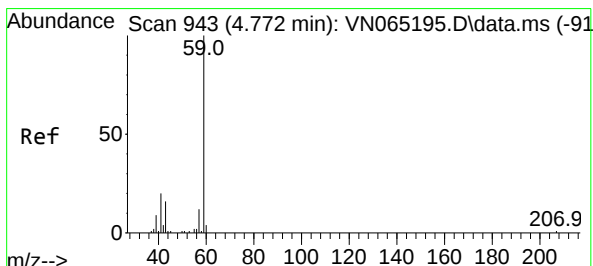
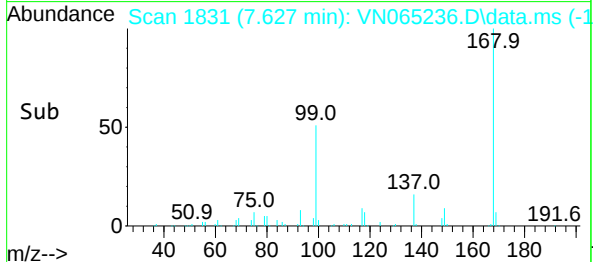
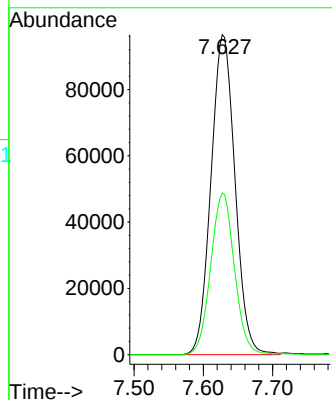
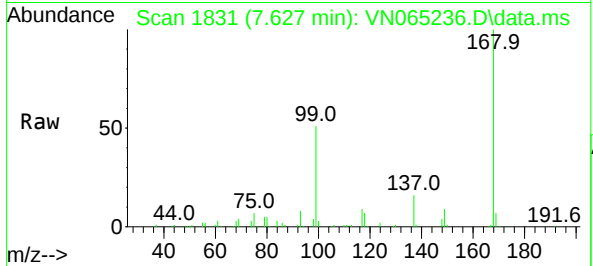




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065236.D
 Acq: 23 Dec 2020 15:39

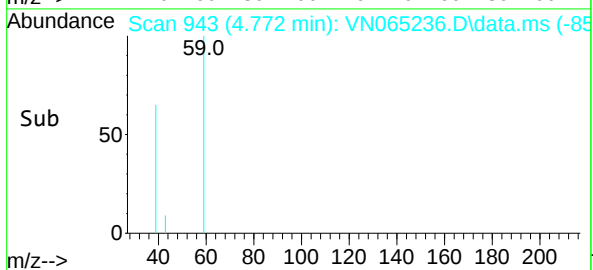
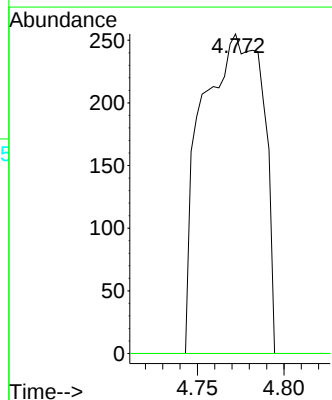
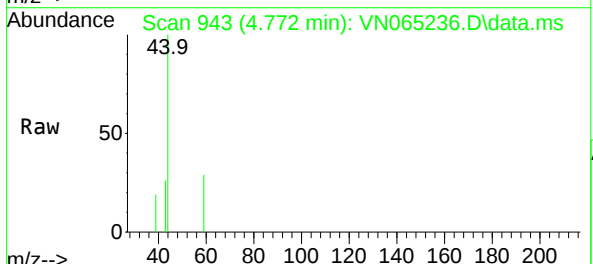
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133762ZHE#04

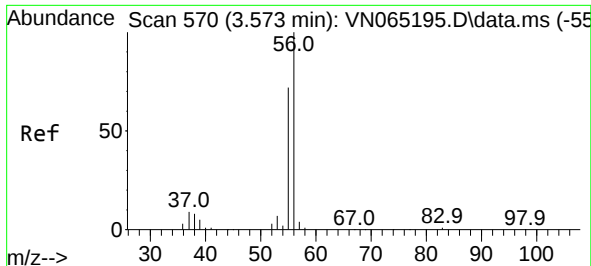
Tgt Ion:168 Resp: 232477
 Ion Ratio Lower Upper
 168 100
 99 50.6 43.0 64.4



#11
 Tert butyl alcohol
 Concen: 1.46 ug/l
 RT: 4.772 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN065236.D
 Acq: 23 Dec 2020 15:39

Tgt Ion: 59 Resp: 625
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

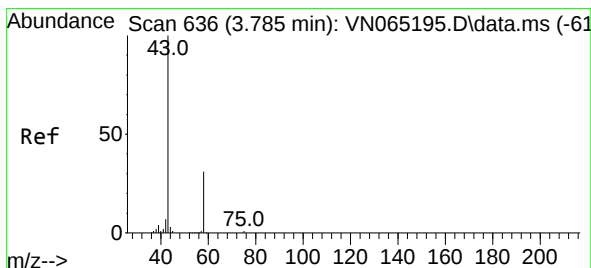
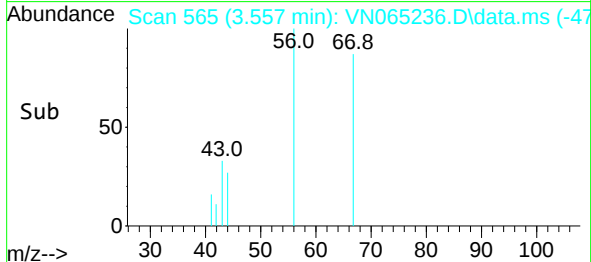
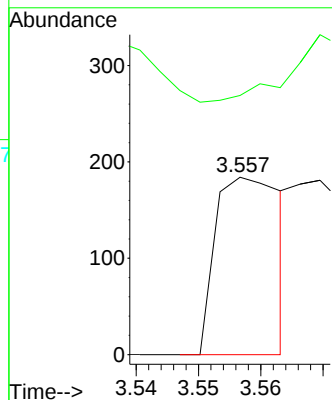
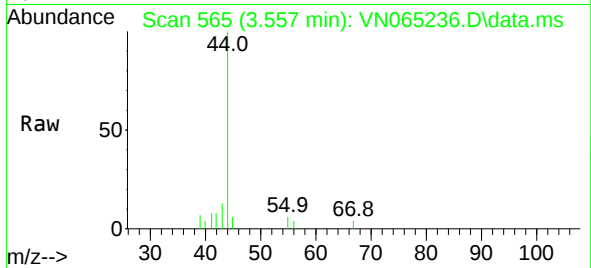




#13
Acrolein
Concen: 2.87 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.016 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

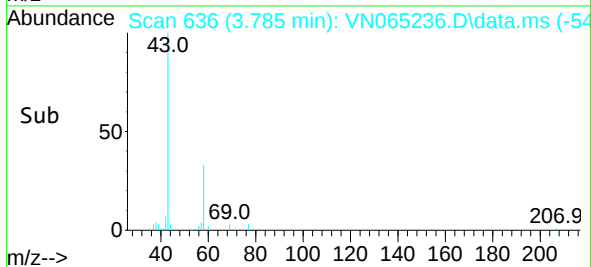
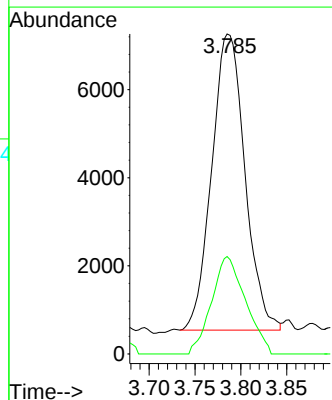
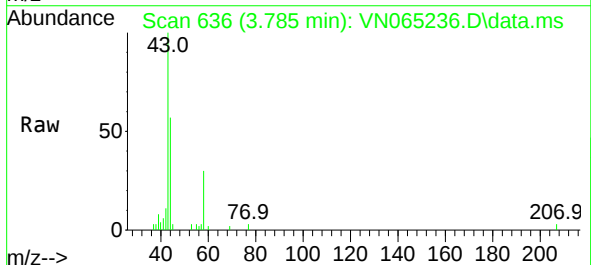
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

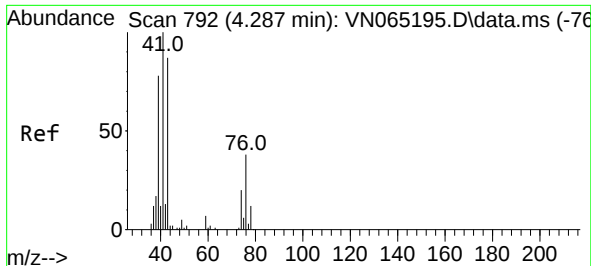
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 4.86 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

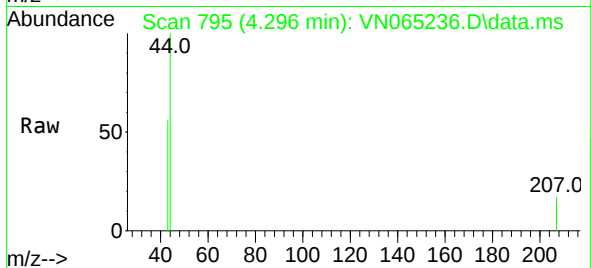
Tgt Ion: 43 Resp: 16969
Ion Ratio Lower Upper
43 100
58 32.9 25.7 38.5



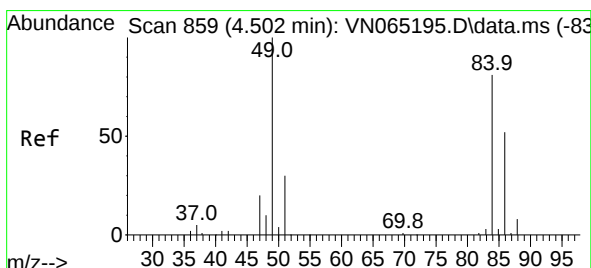
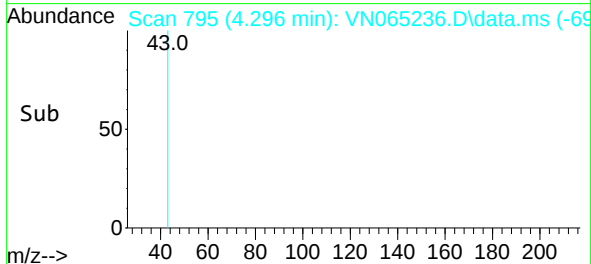
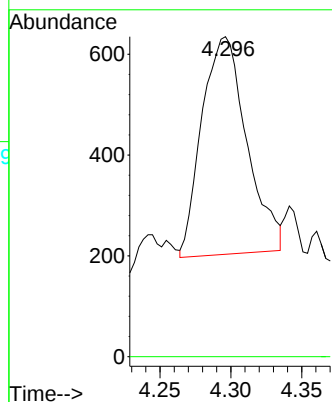


#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

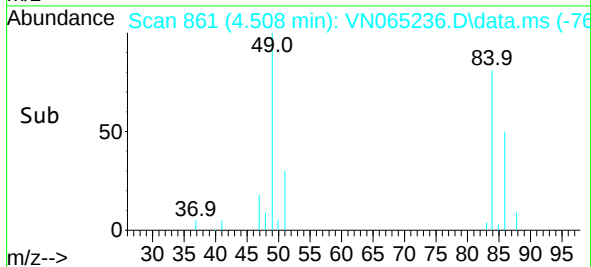
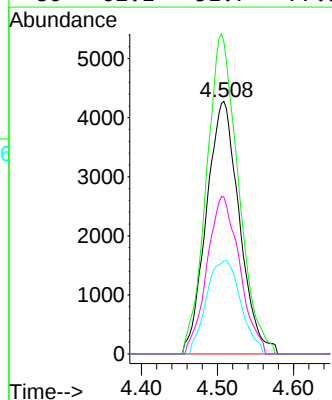
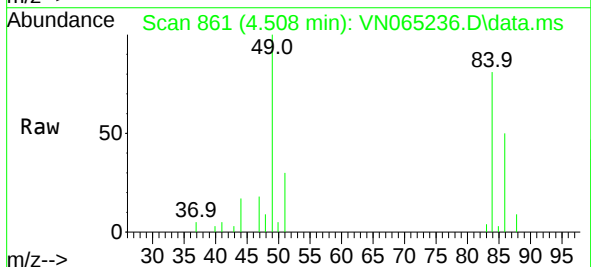


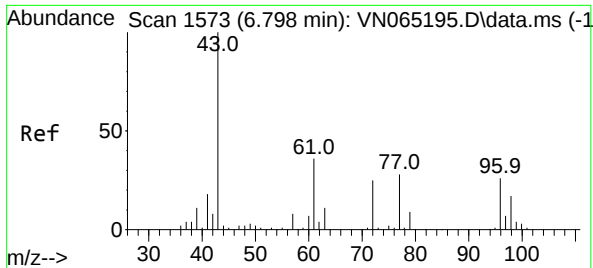
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 84 Resp: 12850
Ion Ratio Lower Upper
84 100
49 123.5 93.4 140.0
51 36.9 28.2 42.4
86 62.1 51.7 77.5

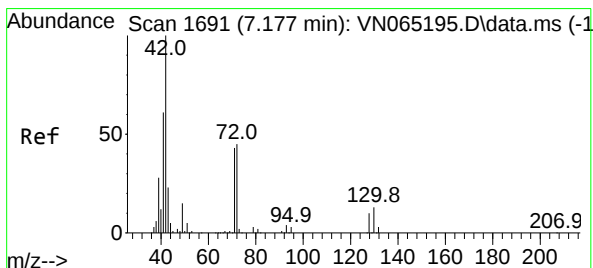
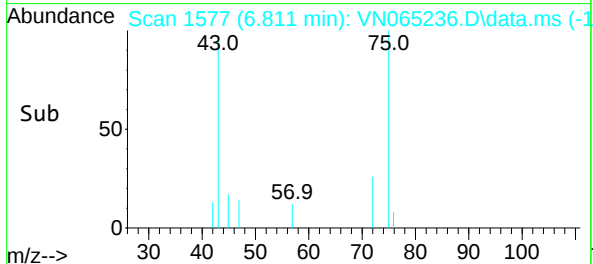
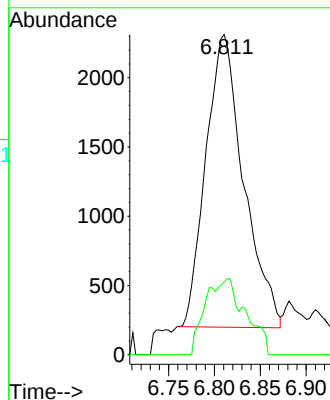
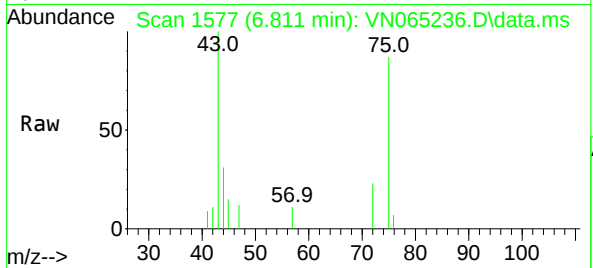




#25
2-Butanone
Concen: 4.11 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

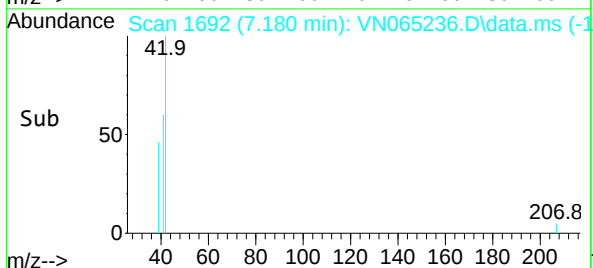
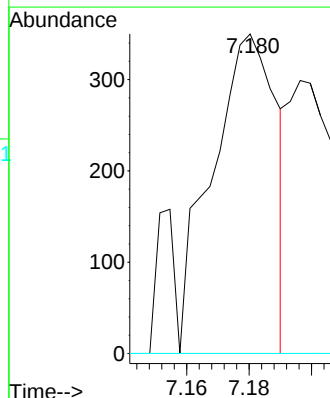
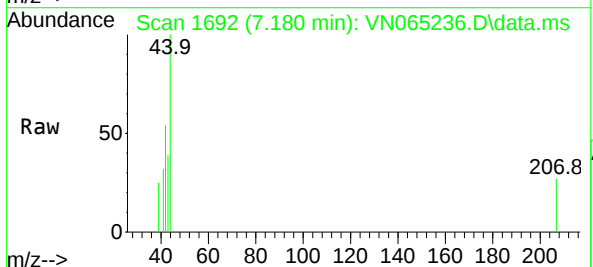
Instrument :
MSVOA_N
ClientSampleId :
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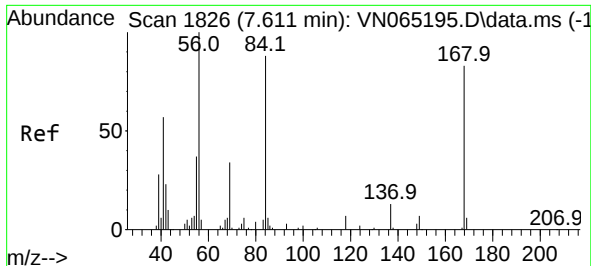
Tgt Ion: 43 Resp: 6062
Ion Ratio Lower Upper
43 100
72 24.8 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.52 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.003 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 42 Resp: 499
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#

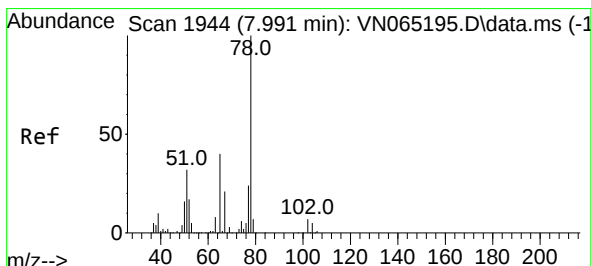
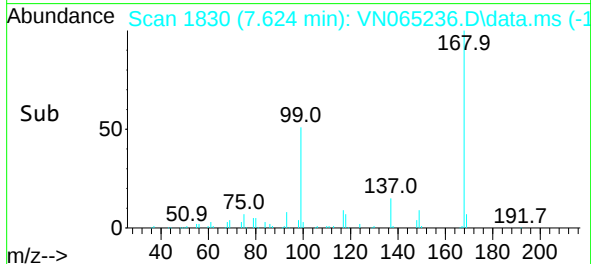
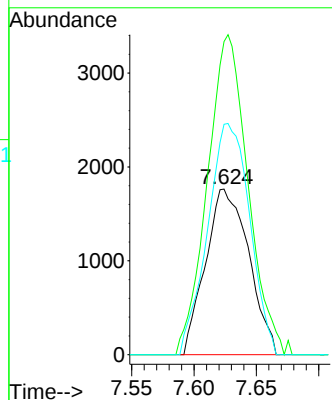
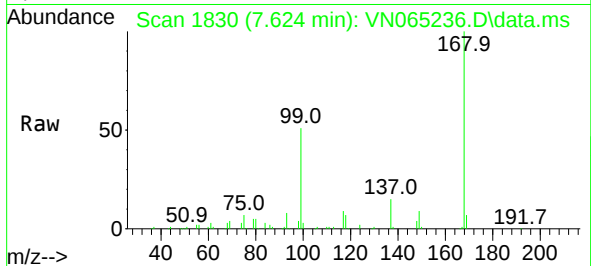




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

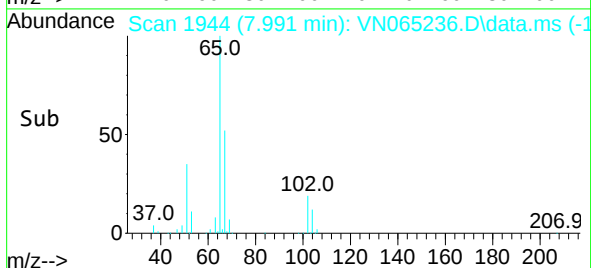
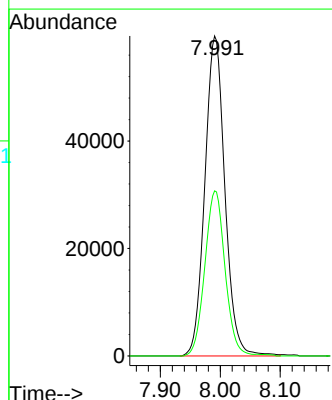
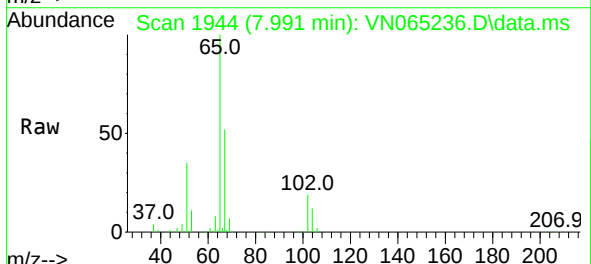
Instrument :
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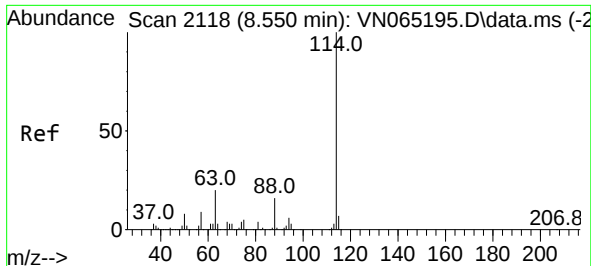
Tgt Ion: 56 Resp: 4254
Ion Ratio Lower Upper
56 100
69 180.0 27.5 41.3#
84 139.2 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.84 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

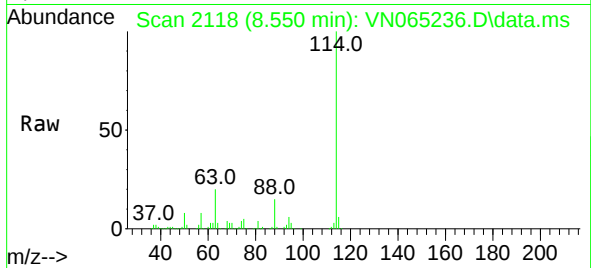
Tgt Ion: 65 Resp: 138676
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.2



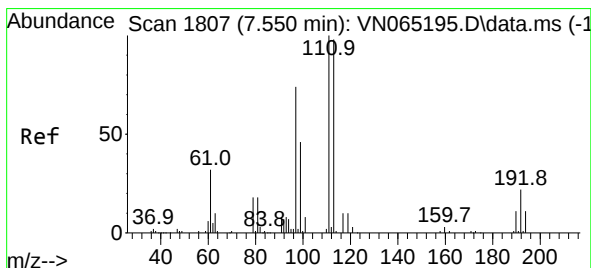
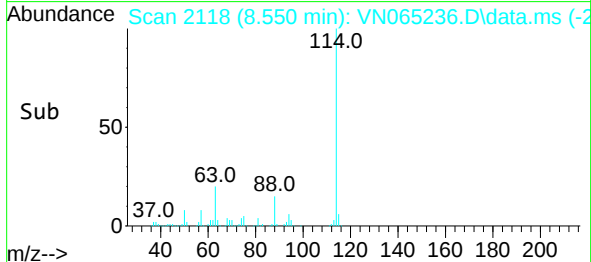
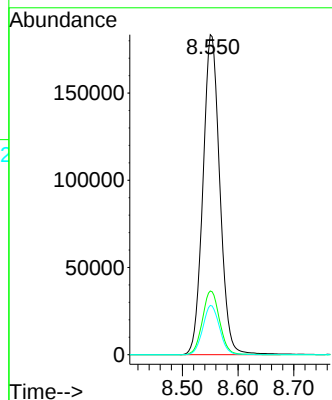


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Instrument :
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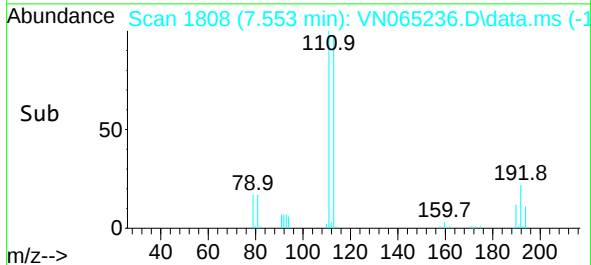
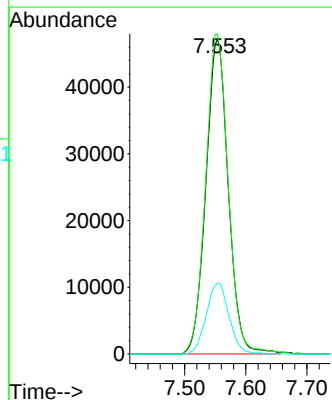
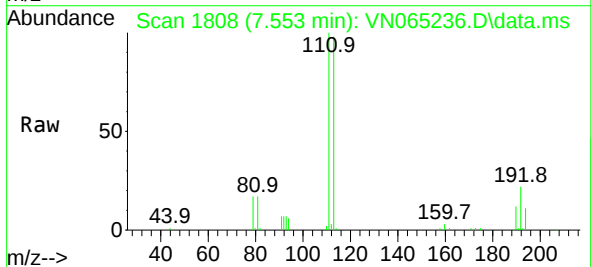


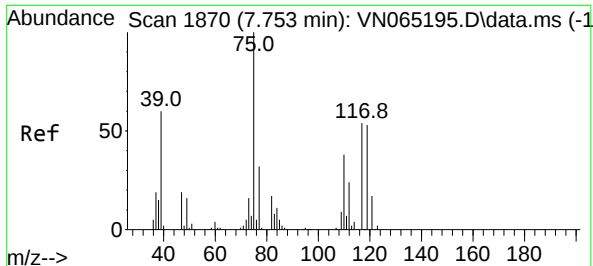
Tgt Ion:114 Resp: 385547
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.58 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion:113 Resp: 119967
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 22.8 16.2 24.2

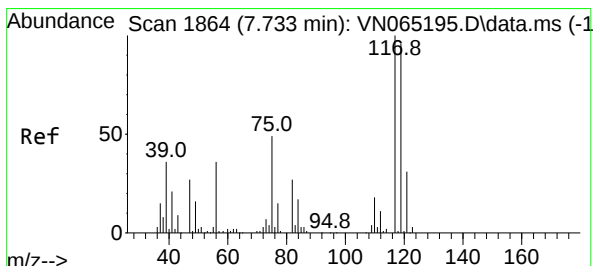
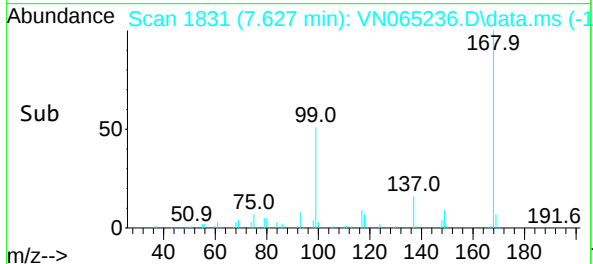
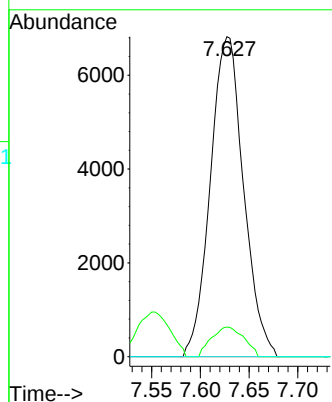
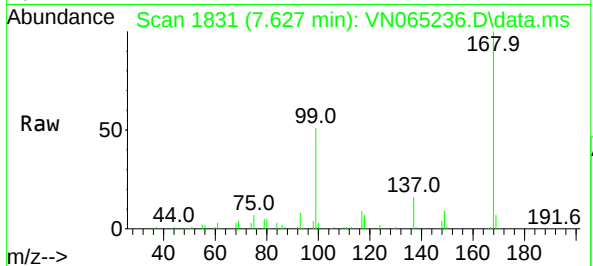




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

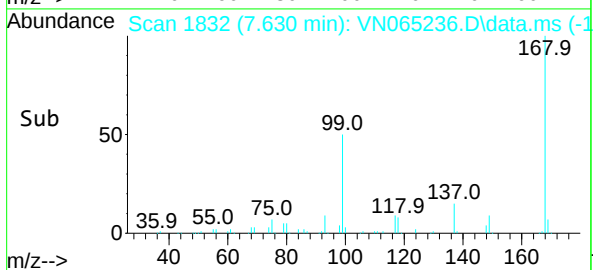
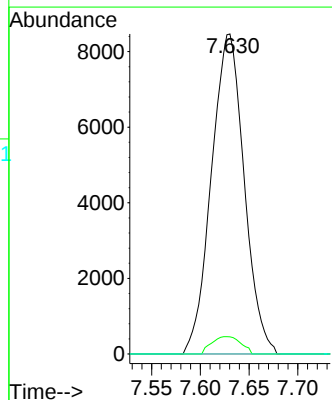
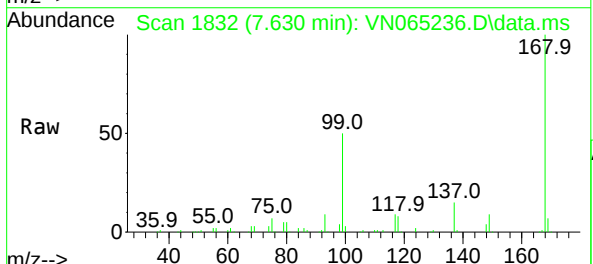
Instrument :
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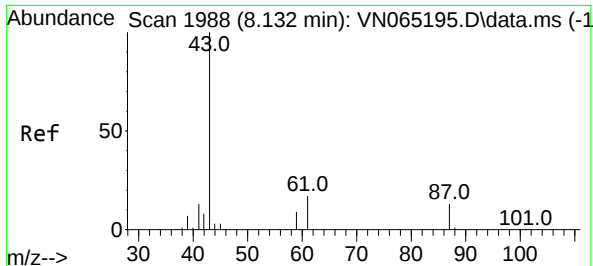
Tgt Ion: 75 Resp: 16161
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 117 Resp: 19798
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.4 38.2#

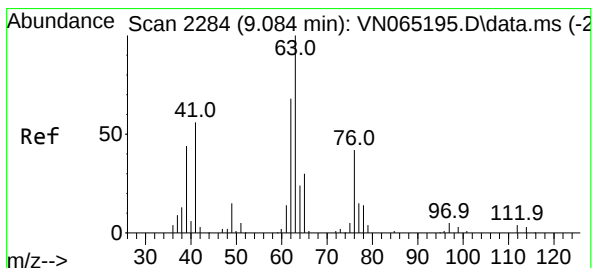
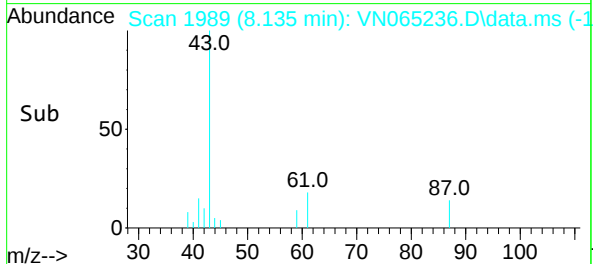
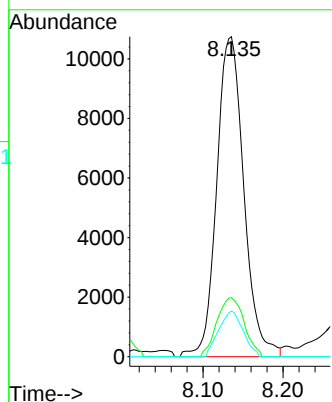
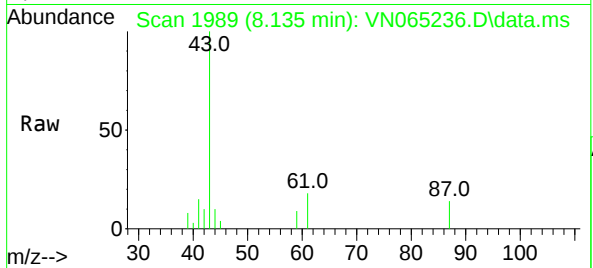




#43
Isopropyl Acetate
Concen: 4.23 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

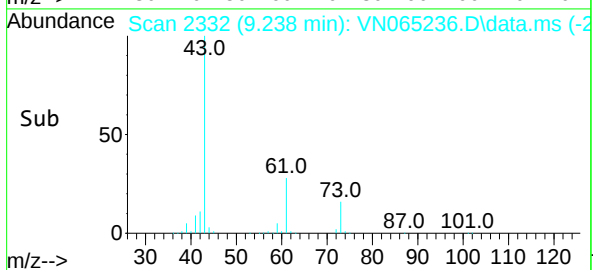
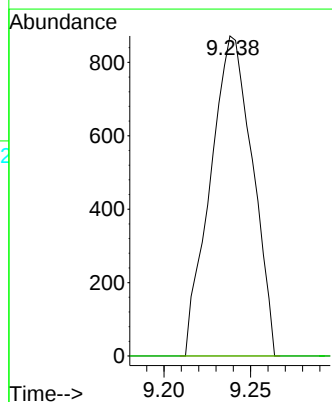
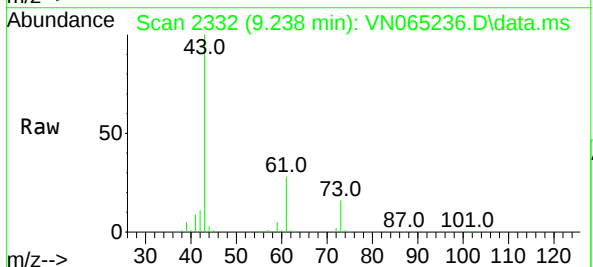
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

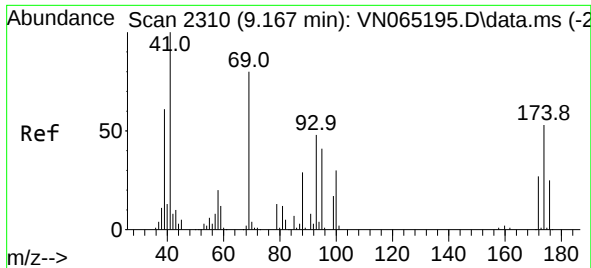
Tgt Ion:	43	Resp:	25318
Ion	Ratio	Lower	Upper
43	100		
61	18.6	17.2	25.8
87	12.8	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.54 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion:	63	Resp:	1477
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

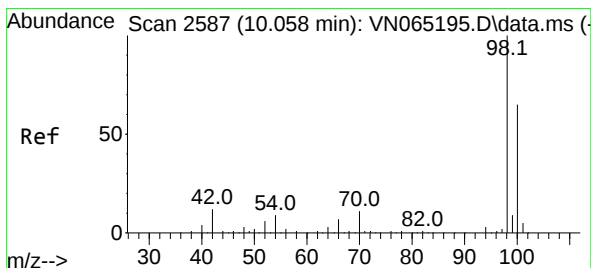
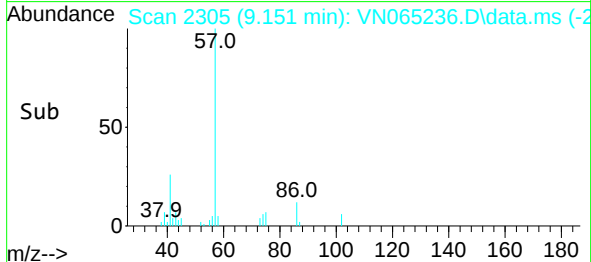
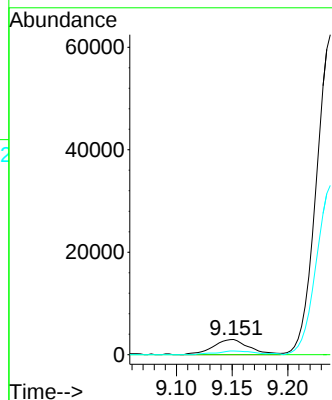
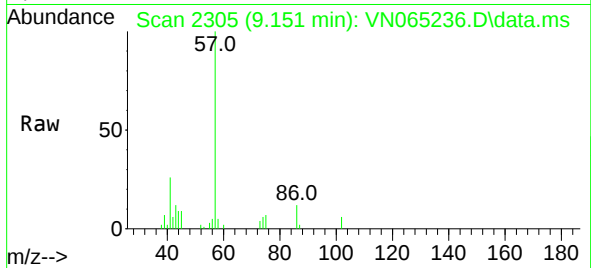




#48
Methyl methacrylate
Concen: 2.29 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

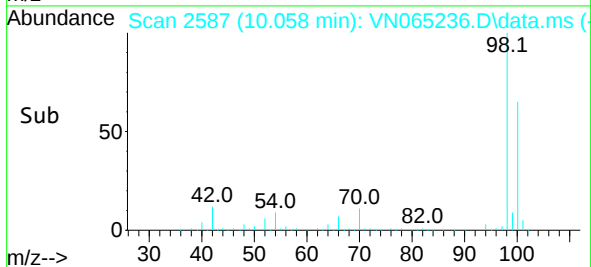
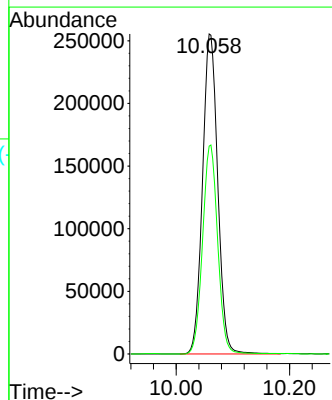
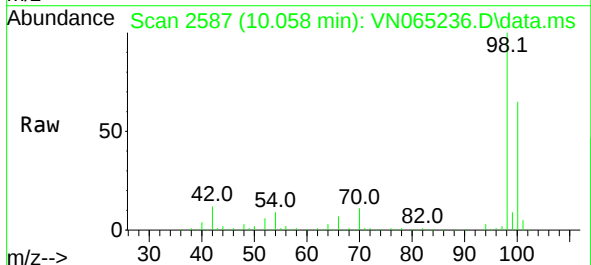
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

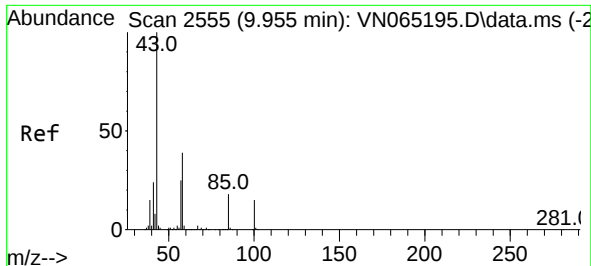
Tgt Ion: 41 Resp: 6652
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 54.58 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 98 Resp: 475832
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

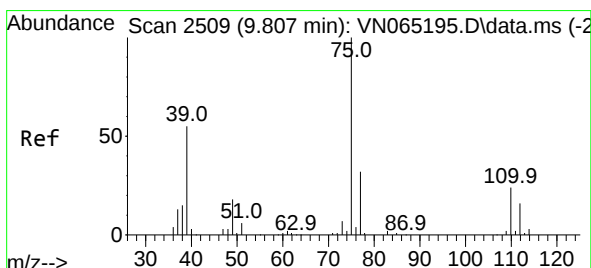
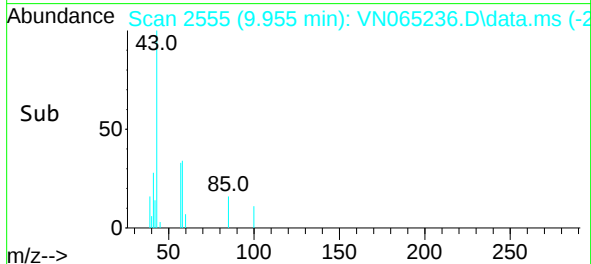
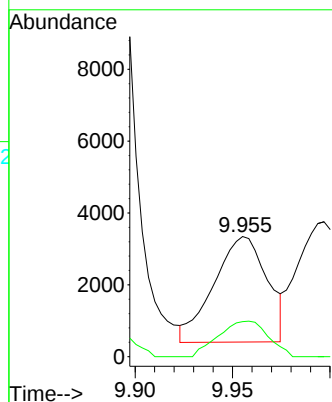
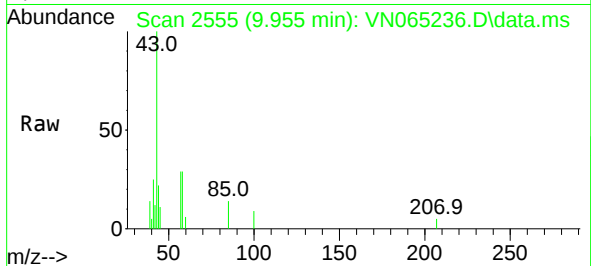




#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

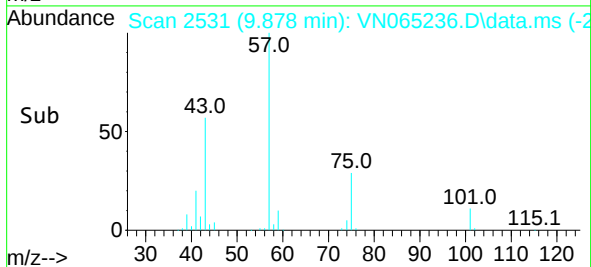
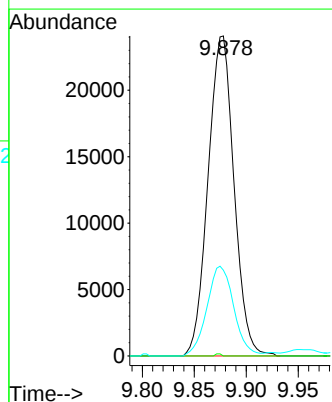
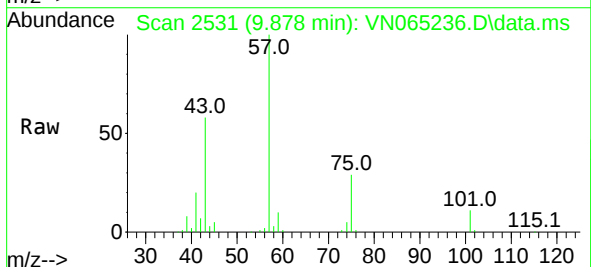
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

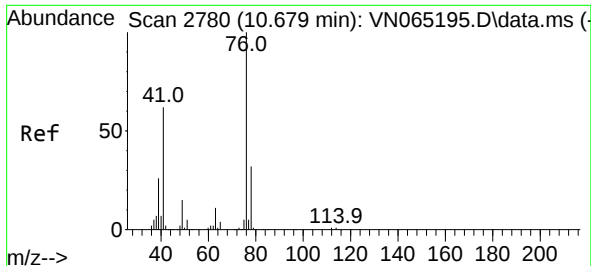
Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
58 31.5 32.4 48.6#



#54
cis-1,3-Dichloropropene
Concen: 9.00 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 75 Resp: 41849
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.8 35.6 53.4#

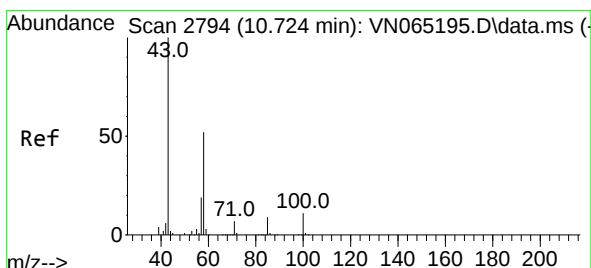
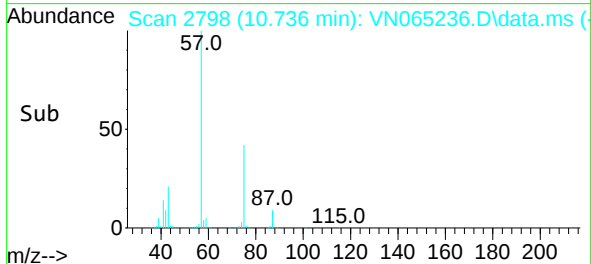
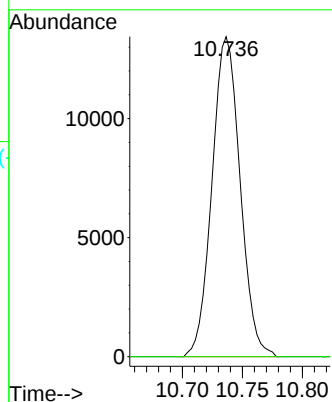
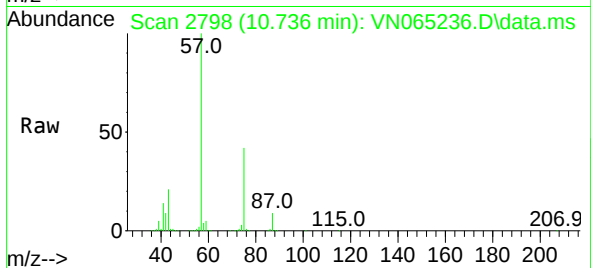




#57
1,3-Dichloropropane
Concen: 5.10 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

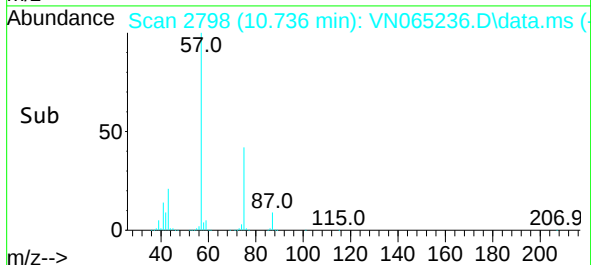
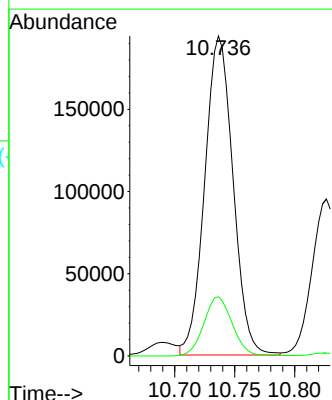
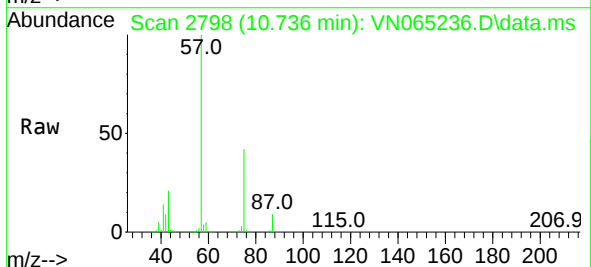
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

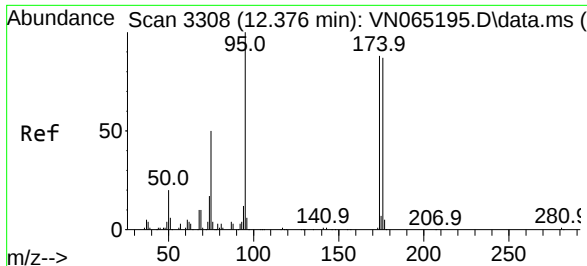
Tgt Ion: 76 Resp: 21883
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 128.55 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 43 Resp: 318195
Ion Ratio Lower Upper
43 100
58 18.7 28.3 84.9#

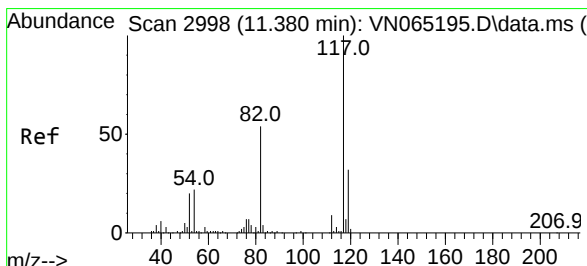
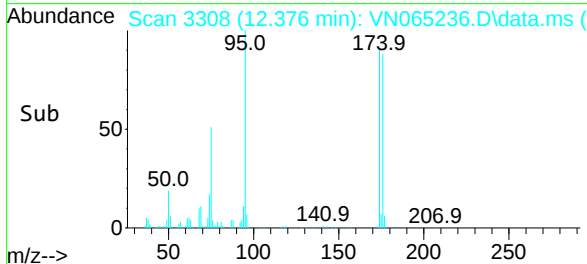
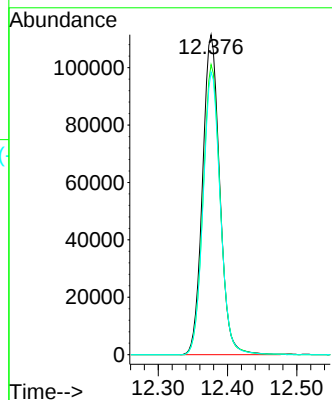
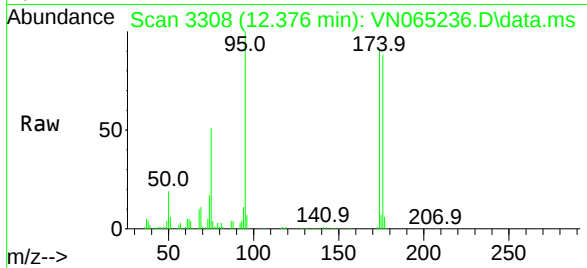




#62
4-Bromofluorobenzene
Concen: 55.08 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

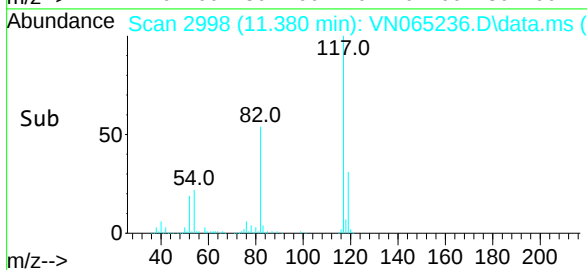
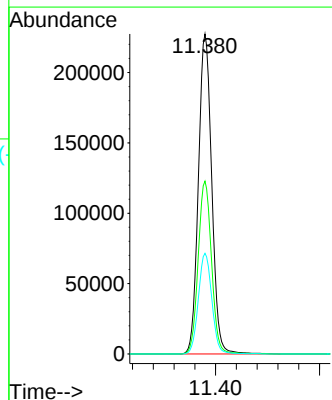
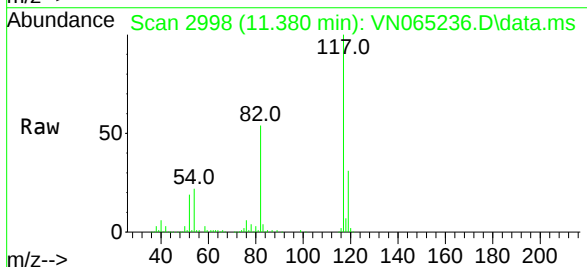
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

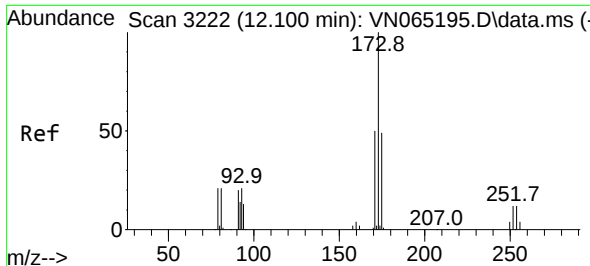
Tgt Ion: 95 Resp: 191894
Ion Ratio Lower Upper
95 100
174 90.5 0.0 160.4
176 88.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 117 Resp: 405160
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.4 25.8 38.6

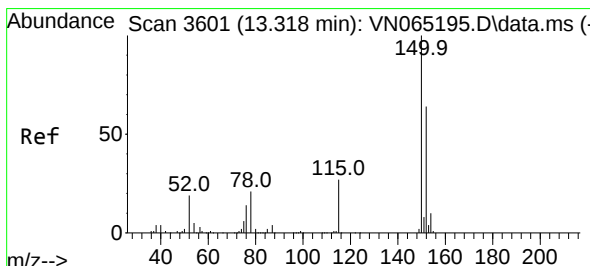
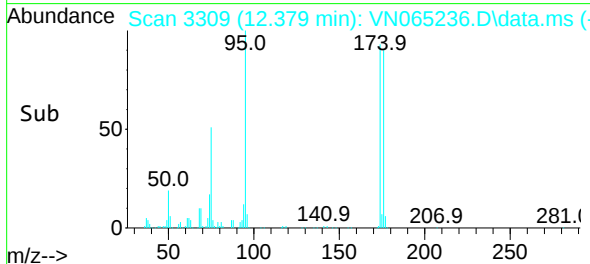
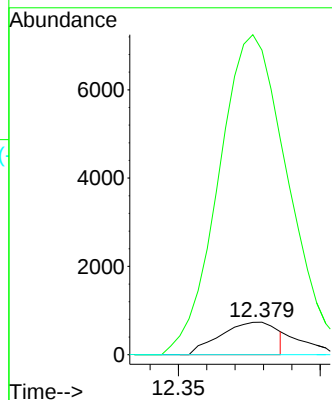
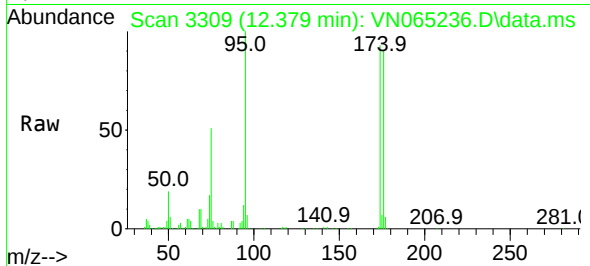




#71
Bromoform
Concen: 0.37 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

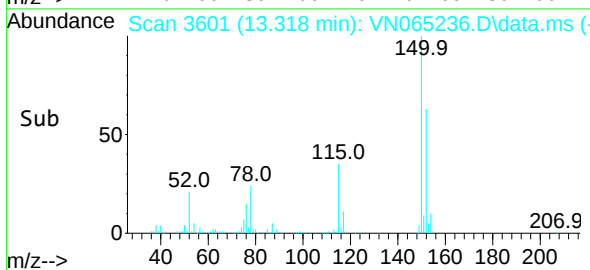
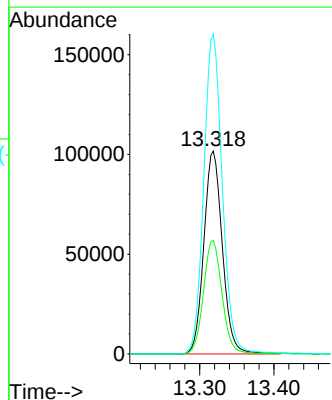
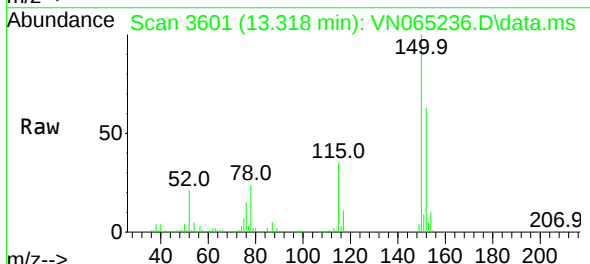
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

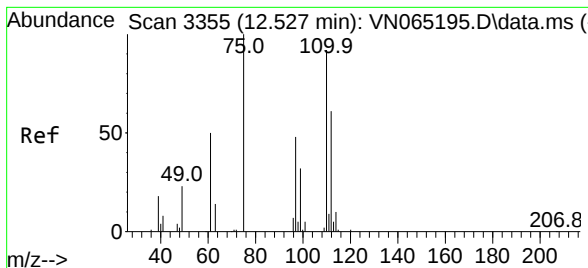
Tgt Ion:173 Resp: 1026
Ion Ratio Lower Upper
173 100
175 986.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion:152 Resp: 175946
Ion Ratio Lower Upper
152 100
115 56.1 29.7 89.1
150 158.2 0.0 350.6

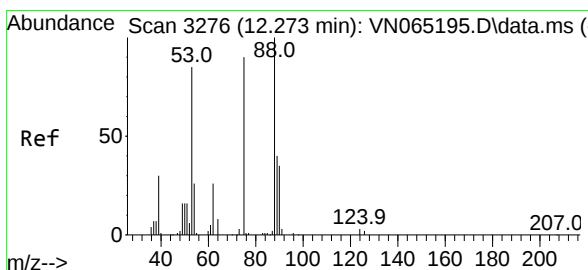
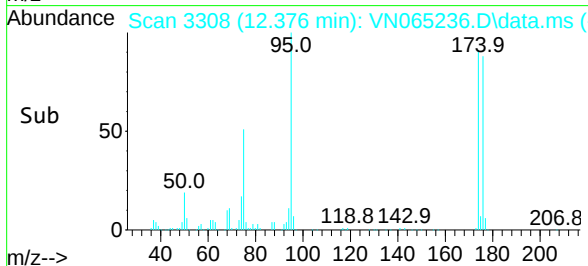
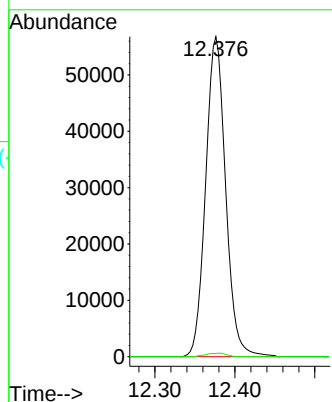
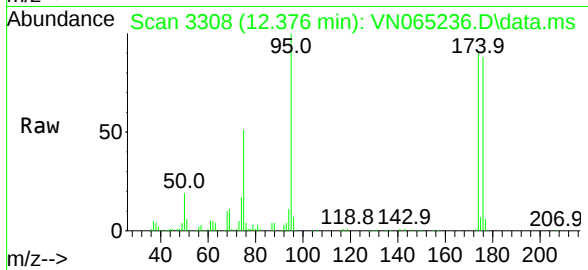




#76
1,2,3-Trichloropropane
Concen: 27.48 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#04

Tgt Ion: 75 Resp: 98645
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.30 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065236.D
Acq: 23 Dec 2020 15:39

Tgt Ion: 75 Resp: 98645
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

