

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065231.D
 Acq On : 23 Dec 2020 13:35
 Operator : JC/MD
 Sample : PB133767ZHE#14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133767ZHE#14

Quant Time: Dec 24 04:19:55 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)

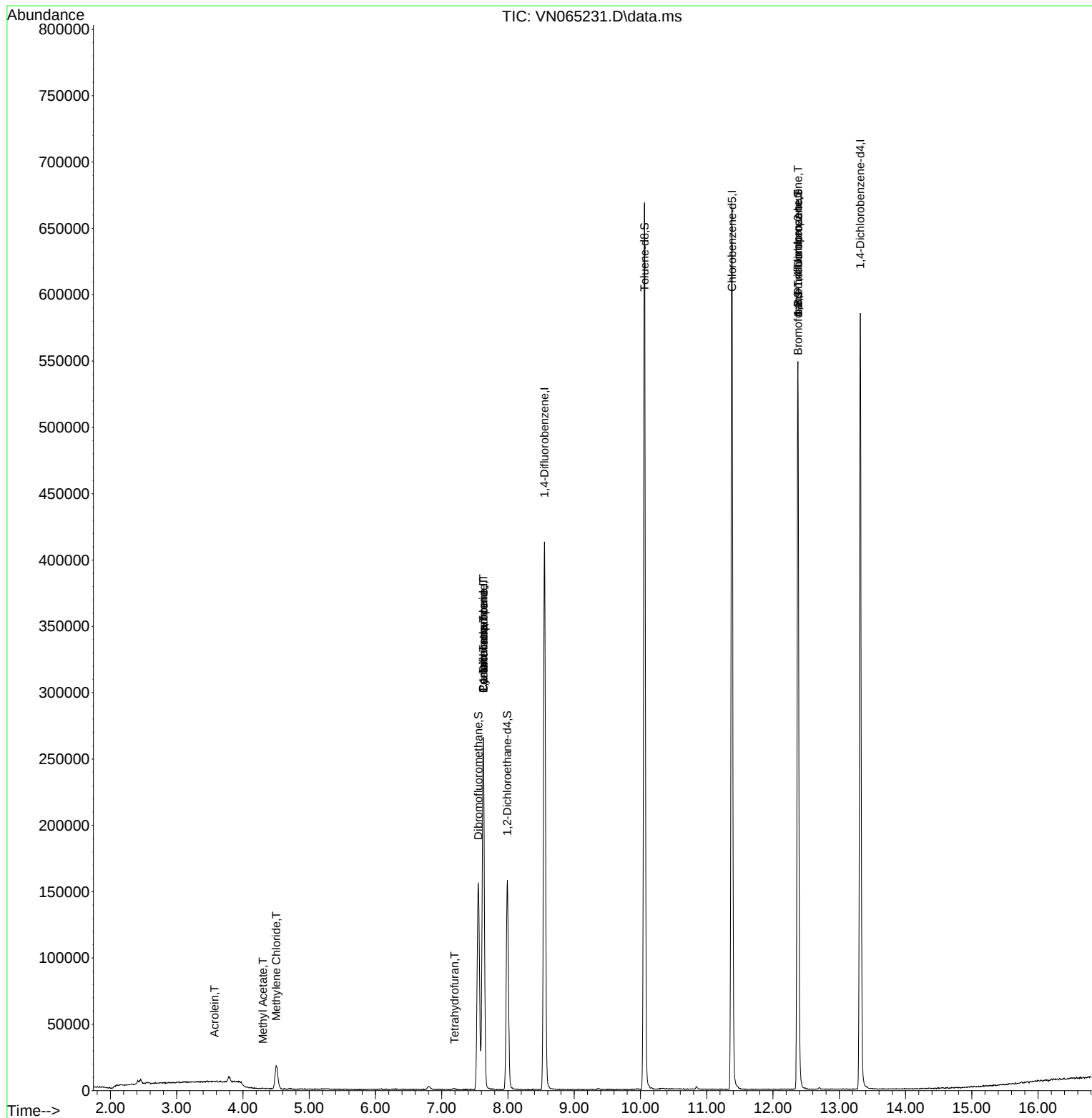
Internal Standards						
1) Pentafluorobenzene	7.627	168	234463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	386610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	402202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	172277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	138098	52.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.34%			
35) Dibromofluoromethane	7.553	113	118998	51.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.04%			
50) Toluene-d8	10.061	98	475929	54.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.88%			
62) 4-Bromofluorobenzene	12.376	95	194101	55.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.02%			
Target Compounds						Qvalue
13) Acrolein	3.570	56	264	3.30	ug/l	88
16) Acetone	3.788	43	2750	Below Cal		95
18) Methyl Acetate	4.303	43	490	0.21	ug/l #	50
20) Methylene Chloride	4.502	84	13697	5.30	ug/l	95
29) Tetrahydrofuran	7.193	42	870	0.91	ug/l #	32
31) Cyclohexane	7.627	56	4257	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	15447	4.39	ug/l #	49
38) Carbon Tetrachloride	7.627	117	20494	5.55	ug/l #	16
71) Bromoform	12.380	173	1129	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	98074	27.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98074	70.36	ug/l #	15

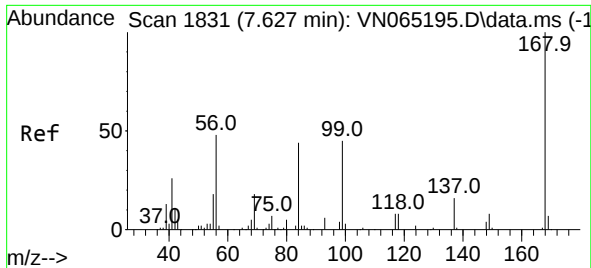
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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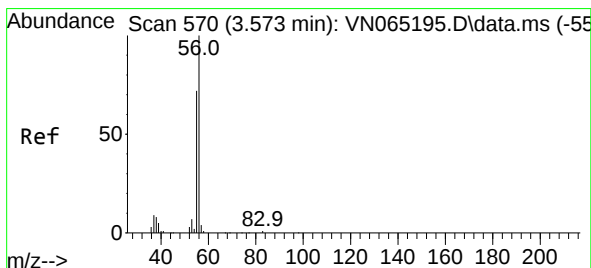
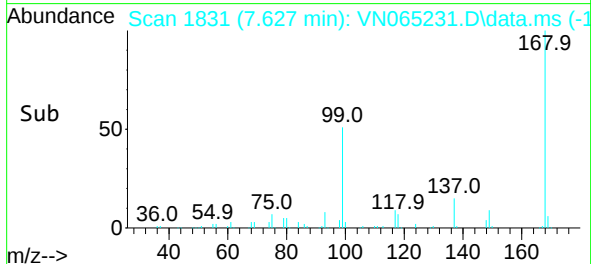
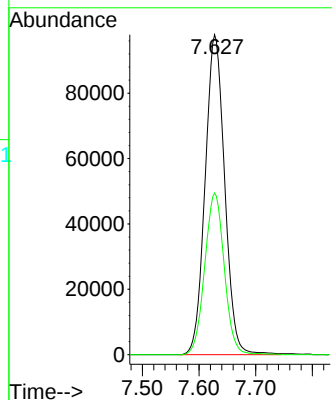
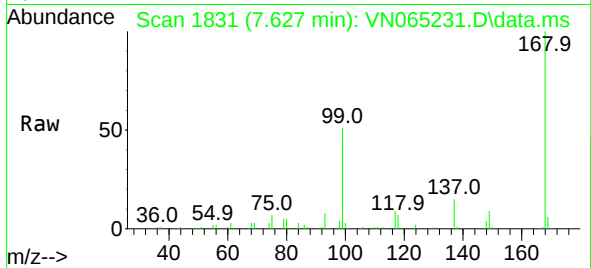




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

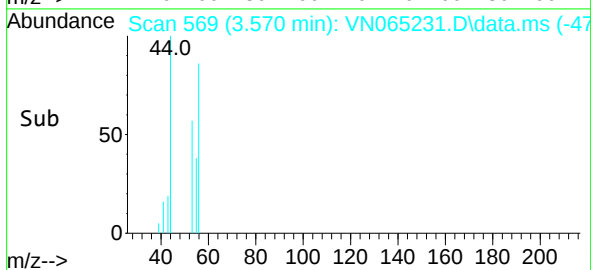
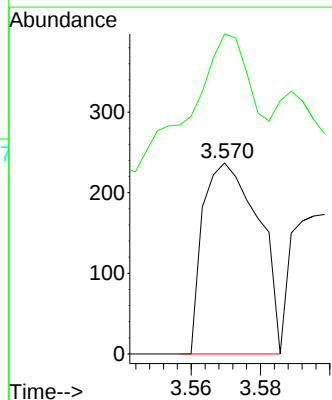
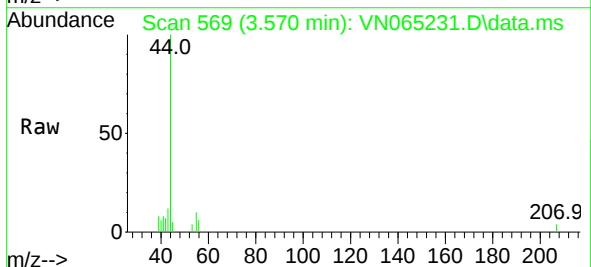
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14

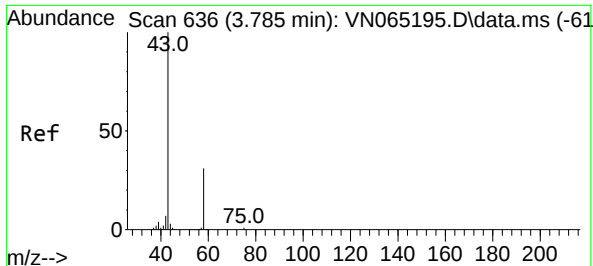
Tgt Ion:168 Resp: 234463
Ion Ratio Lower Upper
168 100
99 50.5 43.0 64.4



#13
Acrolein
Concen: 3.30 ug/l
RT: 3.570 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Tgt Ion: 56 Resp: 264
Ion Ratio Lower Upper
56 100
55 80.3 56.5 84.7

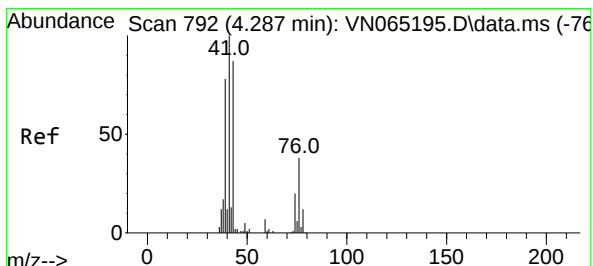
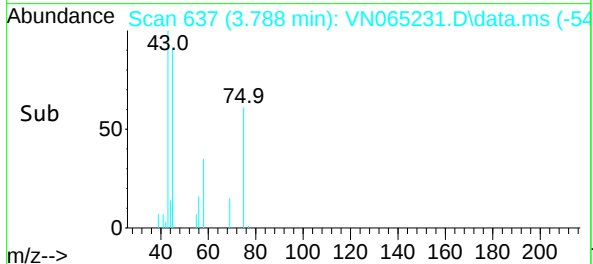
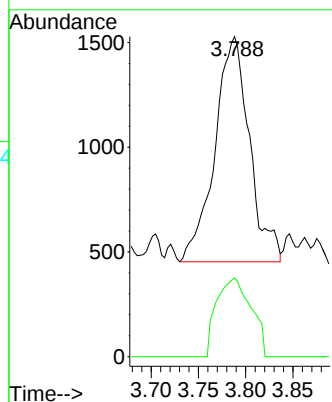
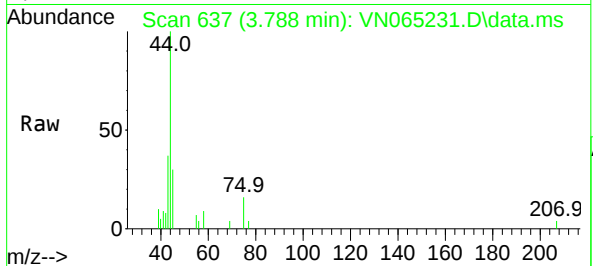




#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

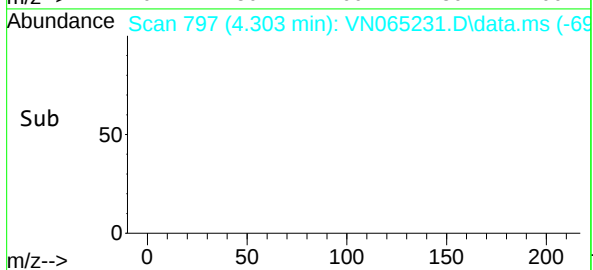
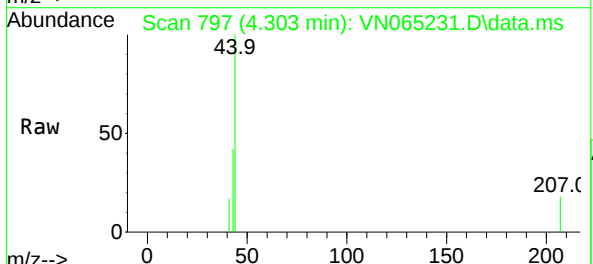
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14

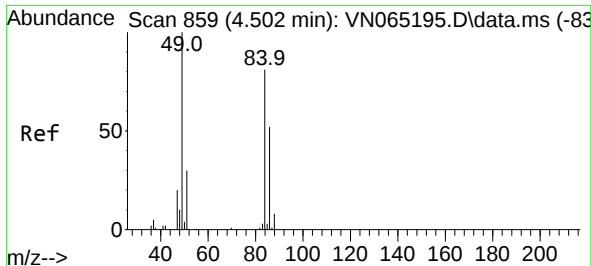
Tgt Ion: 43 Resp: 2750
Ion Ratio Lower Upper
43 100
58 35.0 25.7 38.5



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

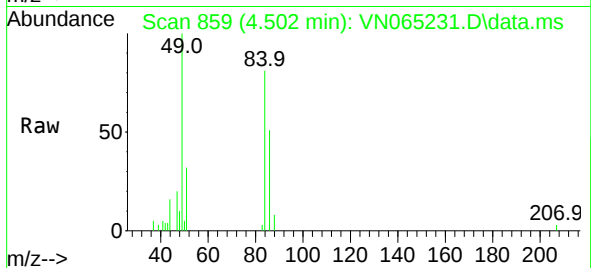
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



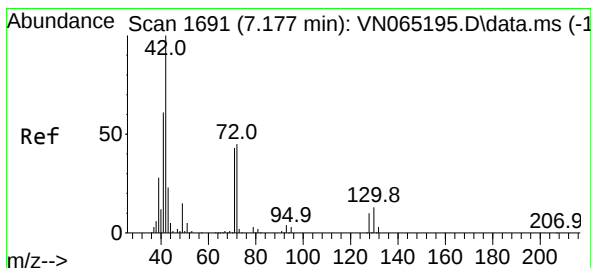
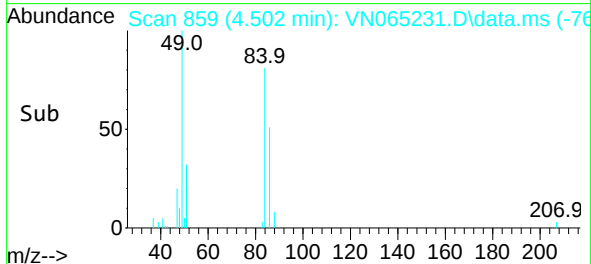
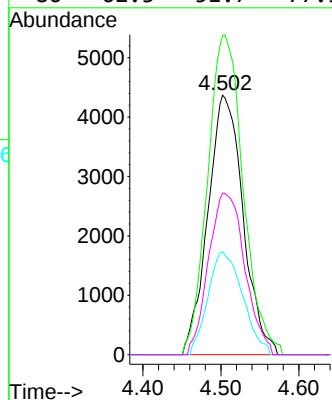


#20
Methylene Chloride
Concen: 5.30 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

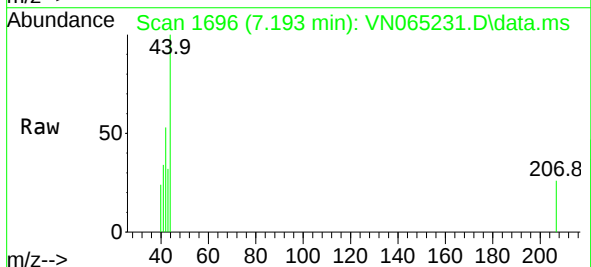
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14



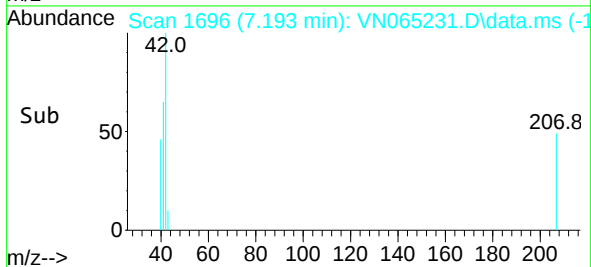
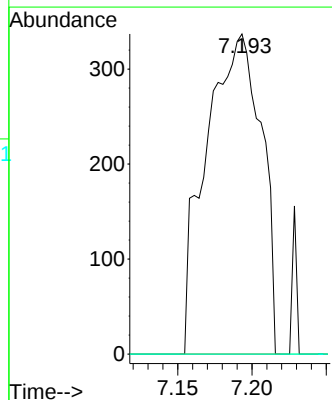
Tgt Ion:	84	Resp:	13697
Ion	Ratio	Lower	Upper
84	100		
49	123.2	93.4	140.0
51	39.6	28.2	42.4
86	62.3	51.7	77.5

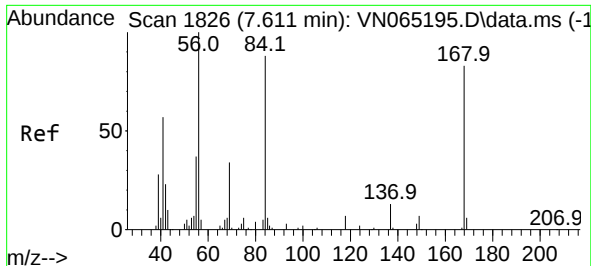


#29
Tetrahydrofuran
Concen: 0.91 ug/l
RT: 7.193 min Scan# 1696
Delta R.T. 0.016 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35



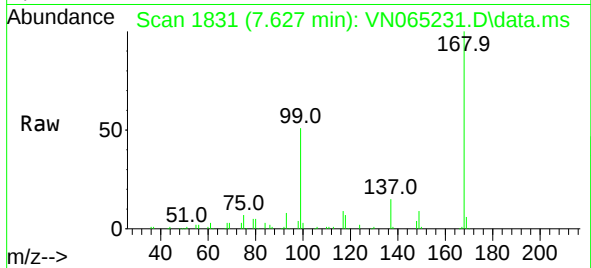
Tgt Ion:	42	Resp:	870
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



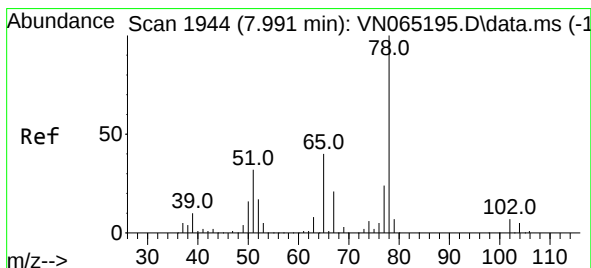
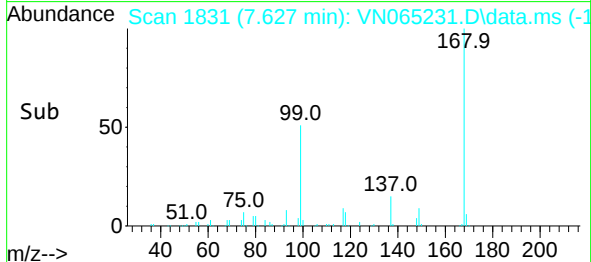
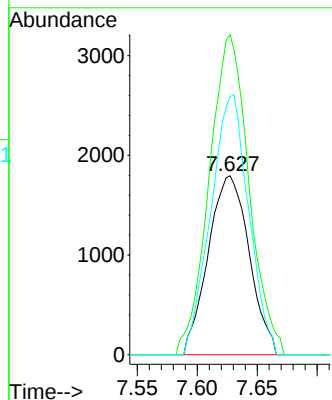


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14

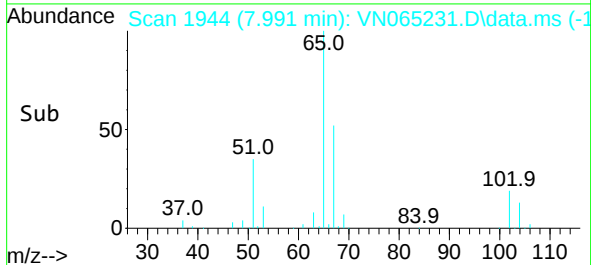
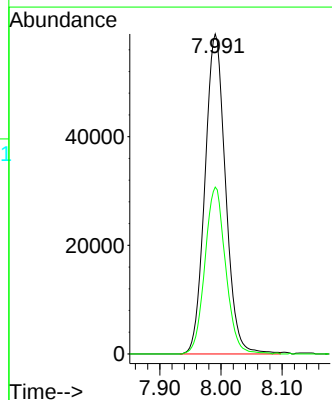
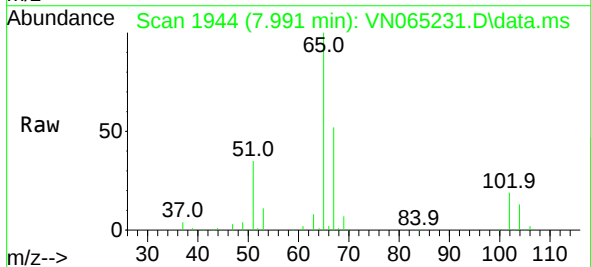


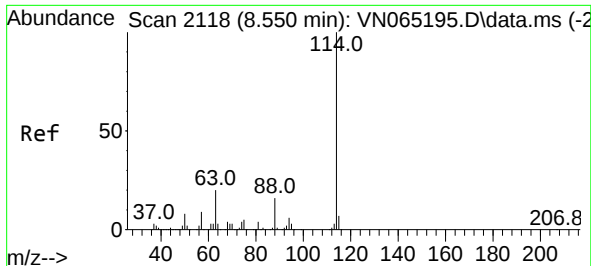
Tgt Ion: 56 Resp: 4257
Ion Ratio Lower Upper
56 100
69 170.5 27.5 41.3#
84 144.4 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.17 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Tgt Ion: 65 Resp: 138098
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2

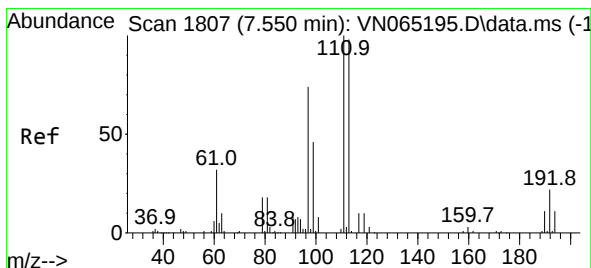
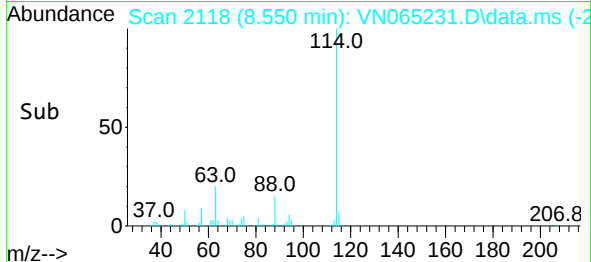
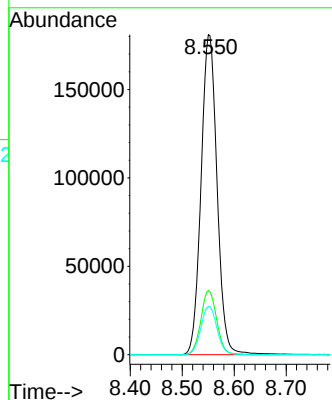
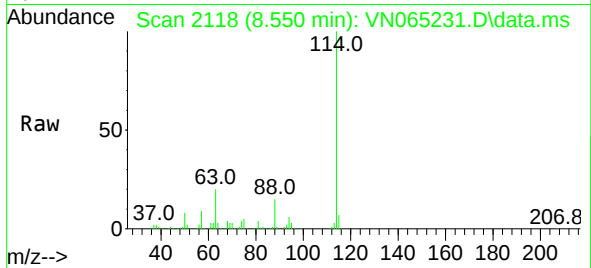




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

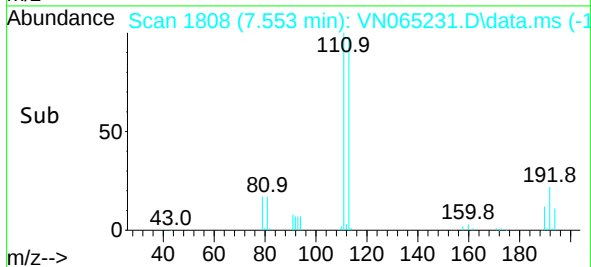
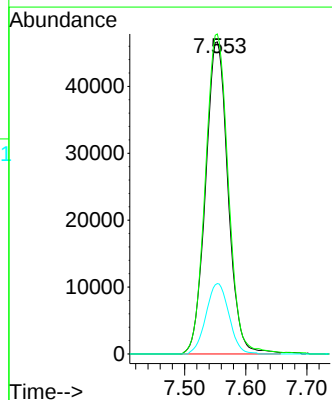
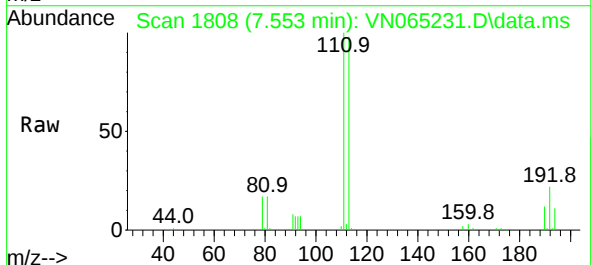
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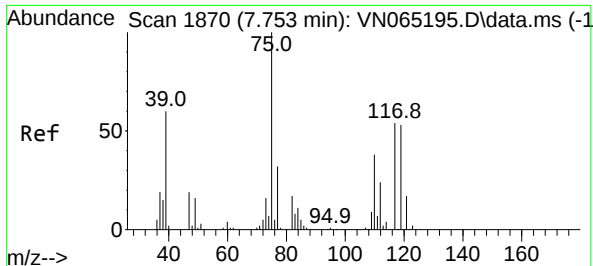
Tgt Ion:	114	Resp:	386610
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.1	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Tgt Ion:	113	Resp:	118998
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.6	122.4
192	23.0	16.2	24.2

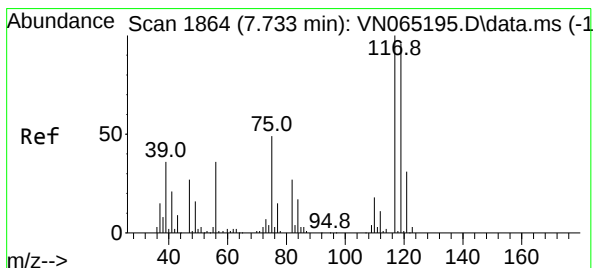
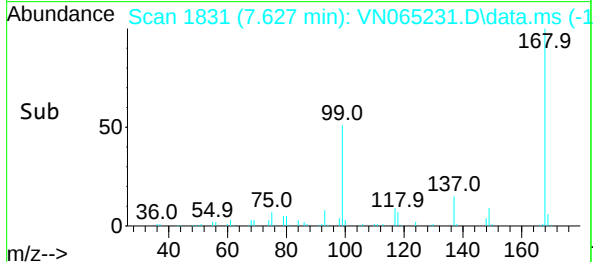
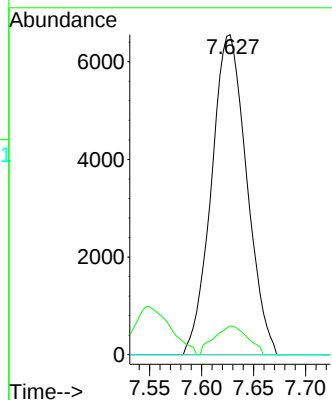
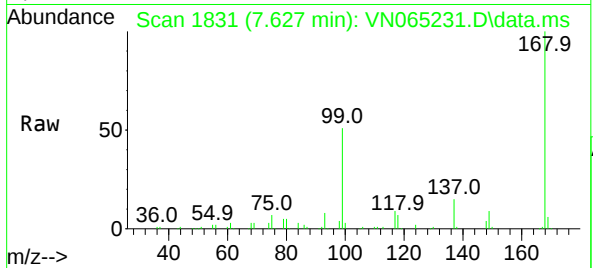




#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

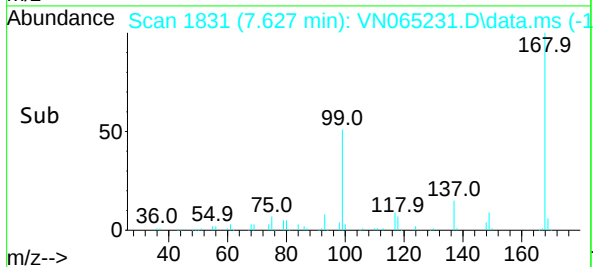
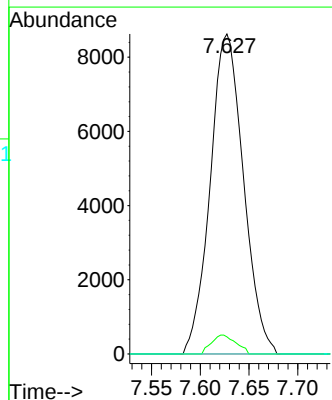
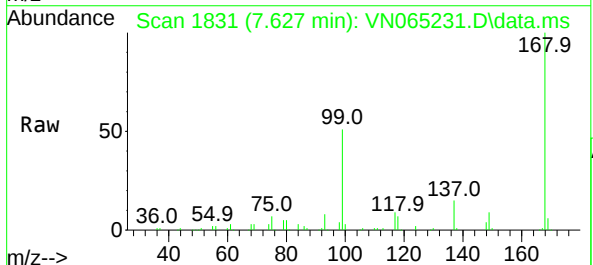
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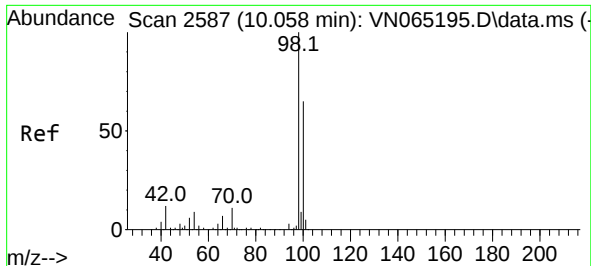
Tgt Ion: 75 Resp: 15447
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Tgt Ion: 117 Resp: 20494
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.4 38.2#

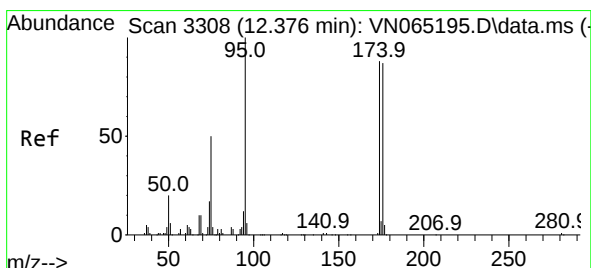
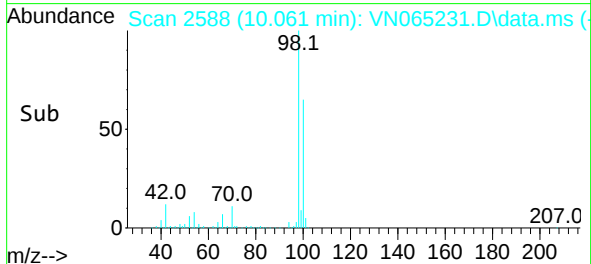
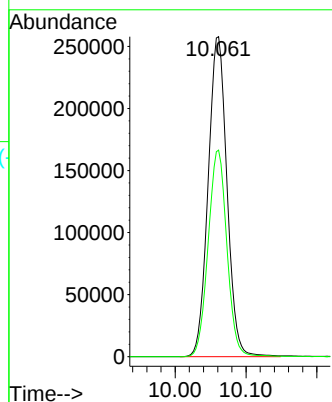
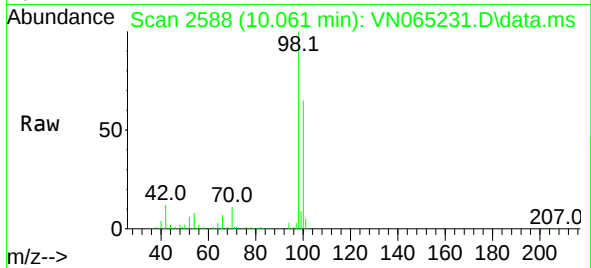




#50
Toluene-d8
Concen: 54.44 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

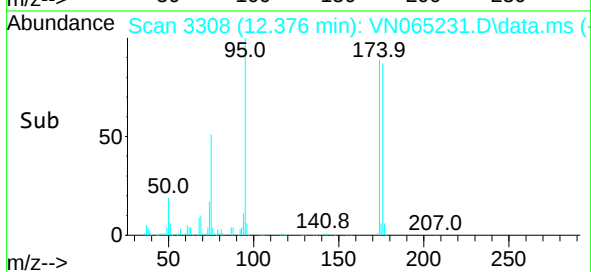
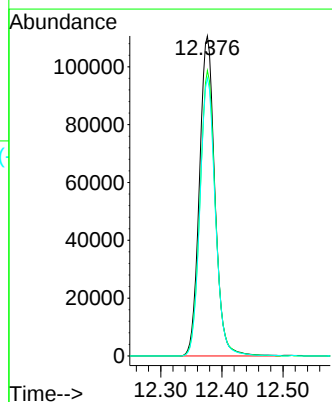
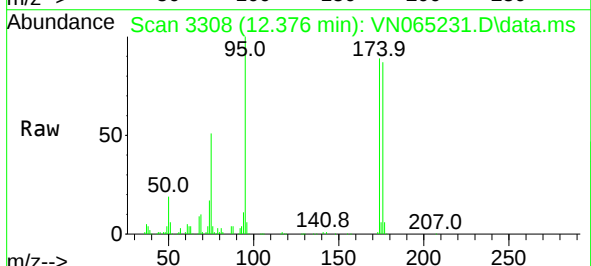
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14

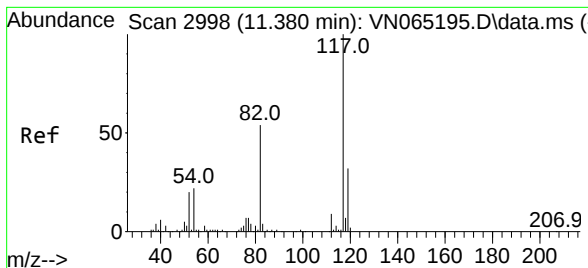
Tgt Ion: 98 Resp: 475929
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 55.51 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Tgt Ion: 95 Resp: 194101
Ion Ratio Lower Upper
95 100
174 89.1 0.0 160.4
176 86.5 0.0 158.4

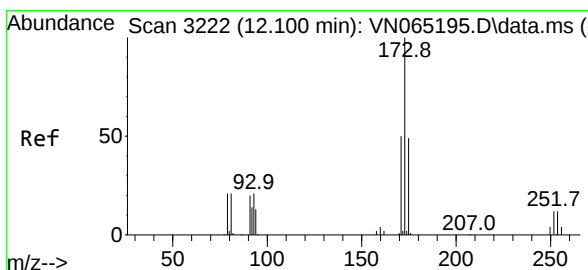
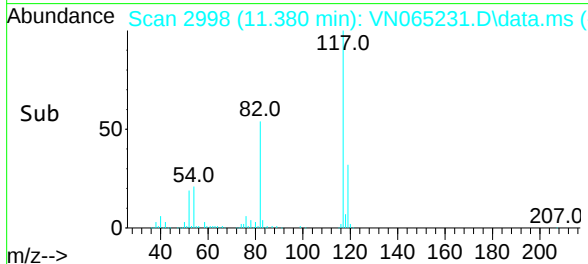
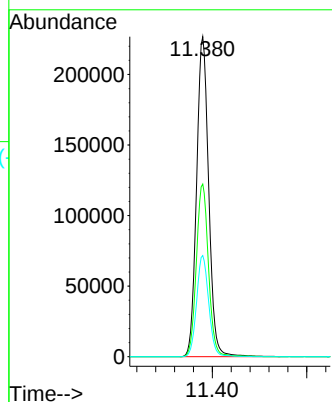
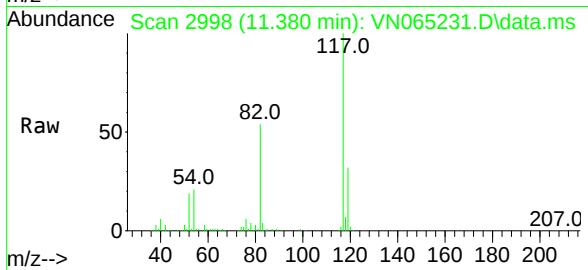




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

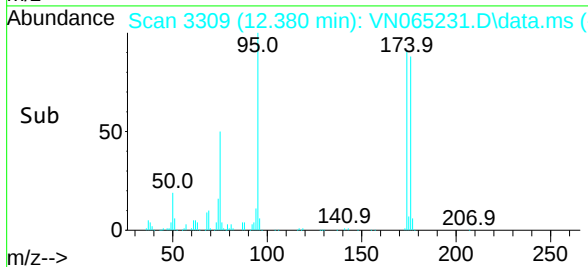
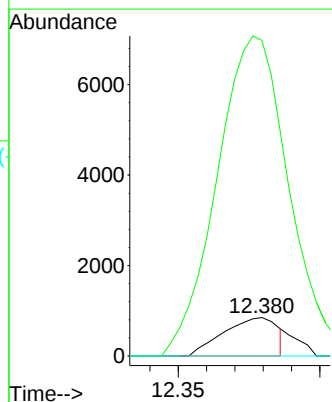
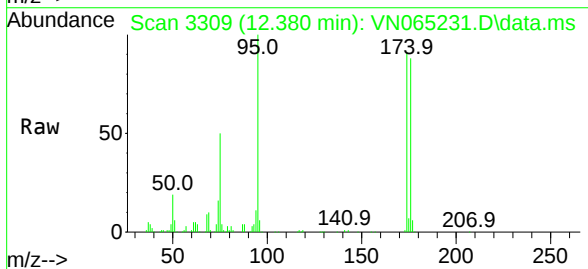
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14

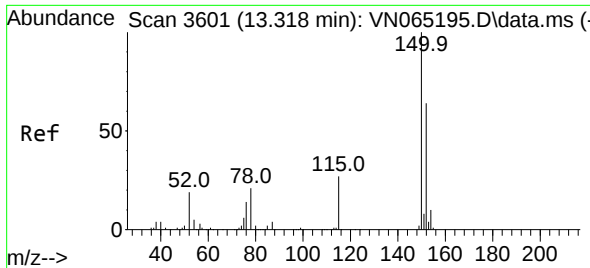
Tgt Ion:117 Resp: 402202
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.6 25.8 38.6



#71
Bromoform
Concen: 0.41 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

Tgt Ion:173 Resp: 1129
Ion Ratio Lower Upper
173 100
175 915.8 24.3 72.8#
254 0.0 0.0 0.0

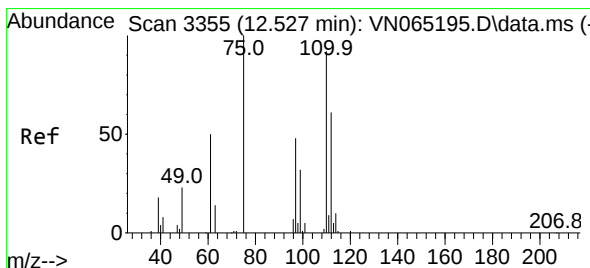
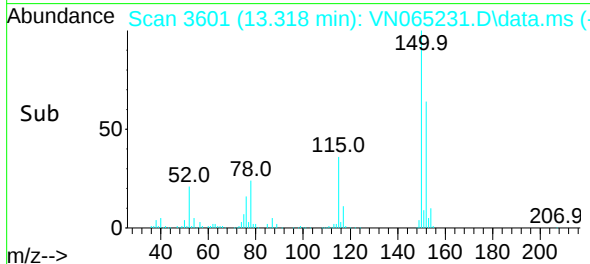
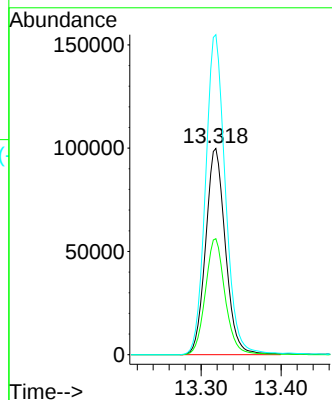
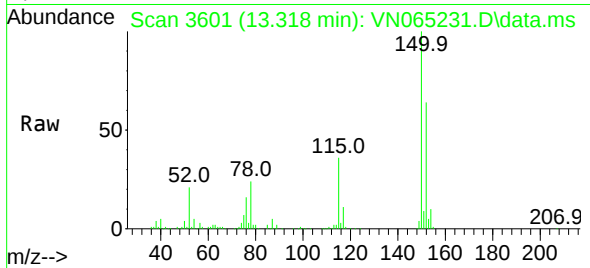




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

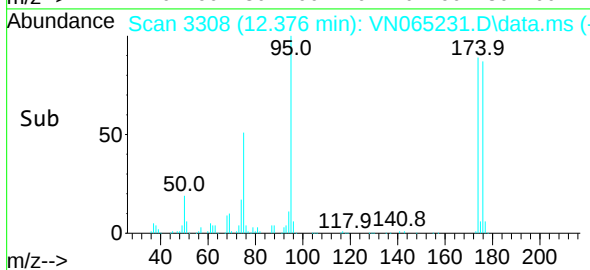
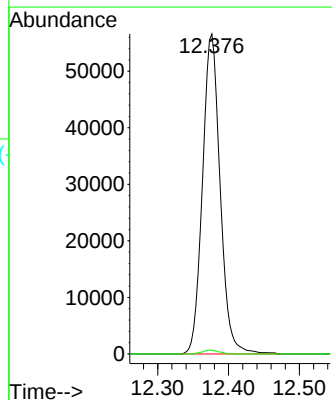
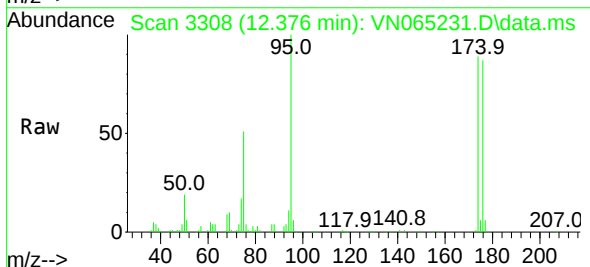
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#14

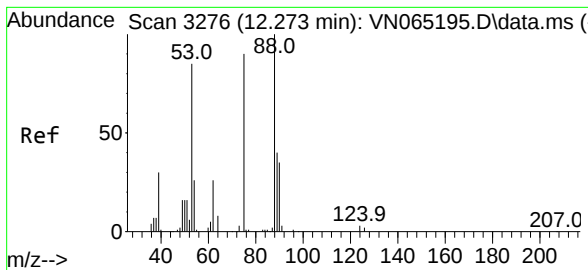
Tgt Ion:152 Resp: 172277
Ion Ratio Lower Upper
152 100
115 56.3 29.7 89.1
150 155.6 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.90 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065231.D
Acq: 23 Dec 2020 13:35

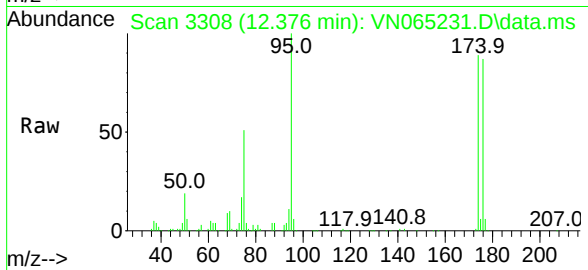
Tgt Ion: 75 Resp: 98074
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.36 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065231.D
 Acq: 23 Dec 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133767ZHE#14



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

