

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065228.D
 Acq On : 23 Dec 2020 12:21
 Operator : JC/MD
 Sample : PB133767ZHE#11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133767ZHE#11

Quant Time: Dec 24 04:19:01 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)

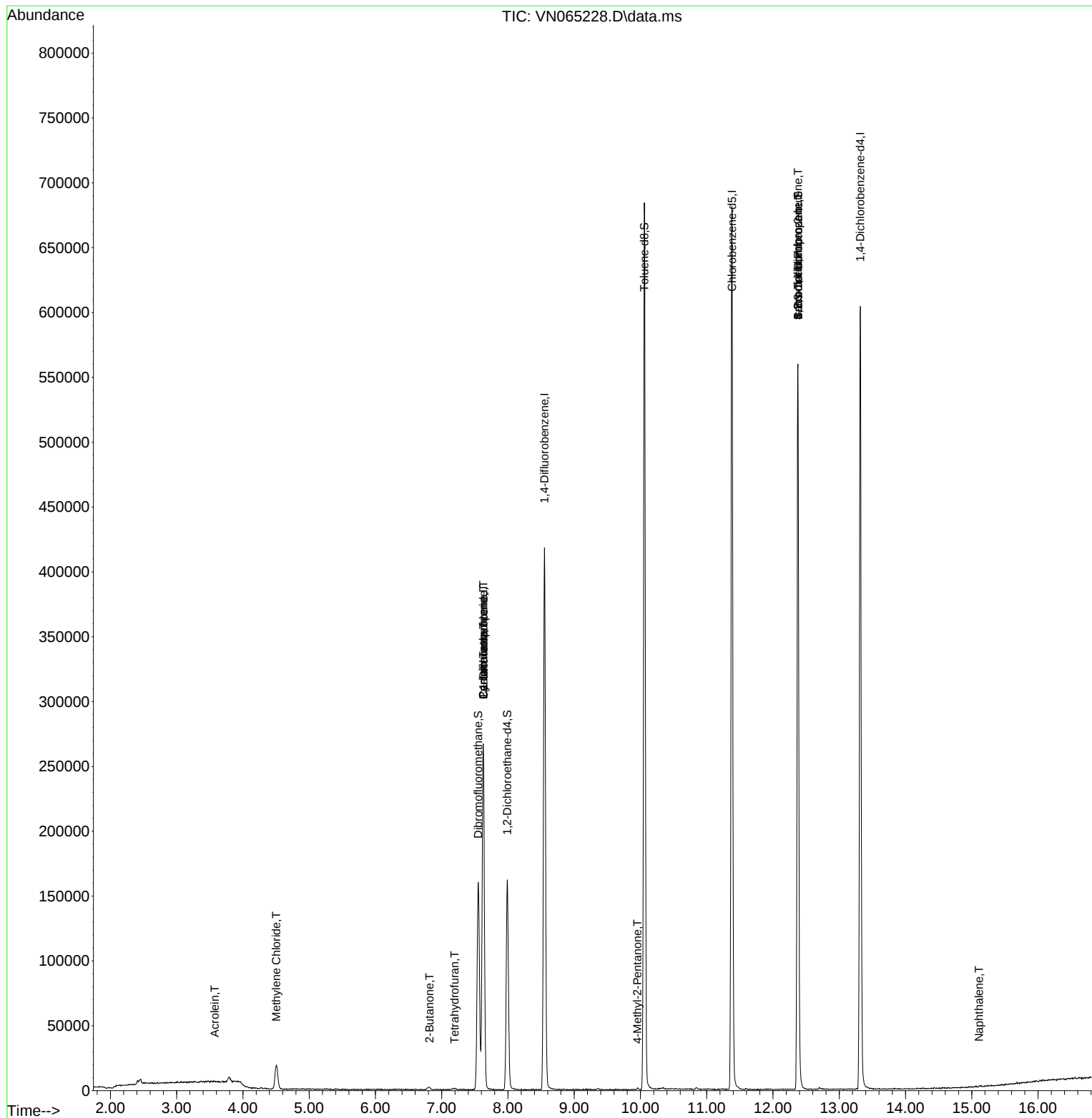
Internal Standards						
1) Pentafluorobenzene	7.627	168	237321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	391841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	410303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	178297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	142321	53.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.24%			
35) Dibromofluoromethane	7.550	113	123817	52.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.76%			
50) Toluene-d8	10.058	98	485384	54.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.56%			
62) 4-Bromofluorobenzene	12.376	95	197308	55.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.32%			
Target Compounds						Qvalue
13) Acrolein	3.573	56	400	3.75	ug/l #	69
16) Acetone	3.785	43	3086	Below Cal	#	79
20) Methylene Chloride	4.502	84	14125	5.40	ug/l	97
25) 2-Butanone	6.814	43	1220	0.81	ug/l #	49
29) Tetrahydrofuran	7.193	42	1044	1.07	ug/l #	34
31) Cyclohexane	7.627	56	4507	1.14	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	15965	4.48	ug/l #	50
38) Carbon Tetrachloride	7.627	117	20261	5.41	ug/l #	16
51) 4-Methyl-2-Pentanone	9.952	43	1440	0.42	ug/l #	35
71) Bromoform	12.376	173	1187	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	99742	27.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	99742	69.14	ug/l #	15
95) Naphthalene	15.109	128	444	3.42	ug/l #	69

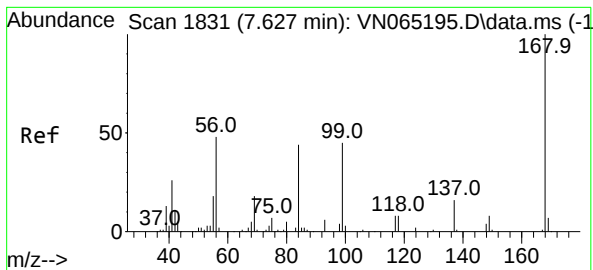
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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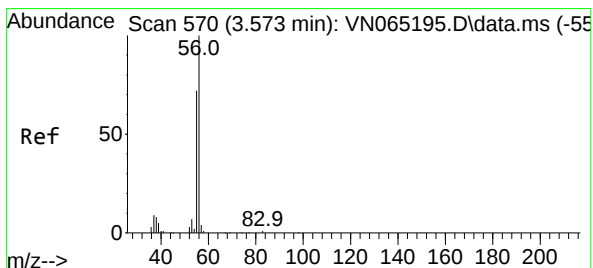
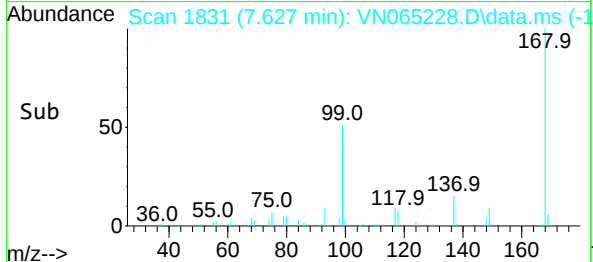
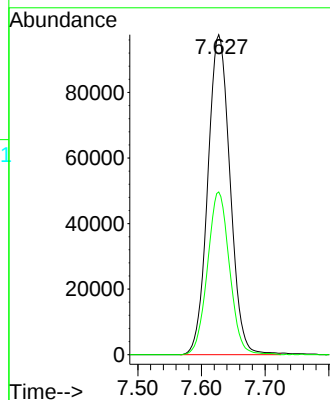
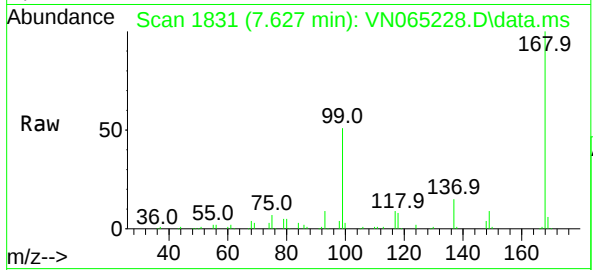




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

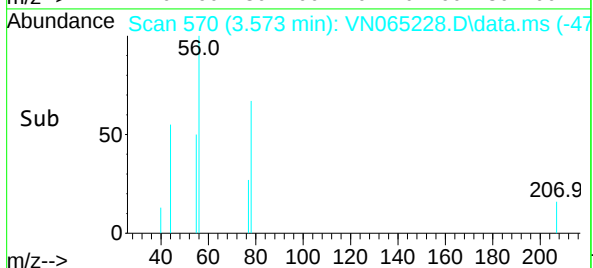
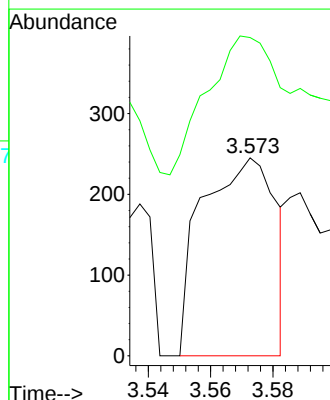
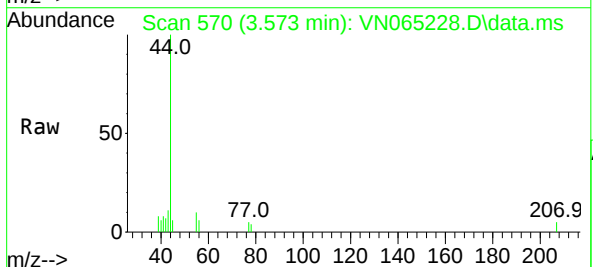
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

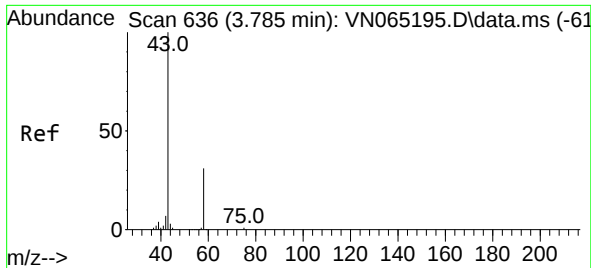
Tgt Ion:168 Resp: 237321
Ion Ratio Lower Upper
168 100
99 50.9 43.0 64.4



#13
Acrolein
Concen: 3.75 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
55 95.8 56.5 84.7#

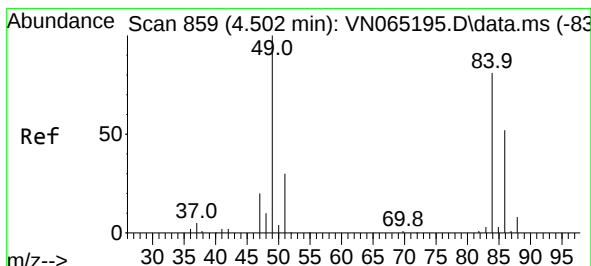
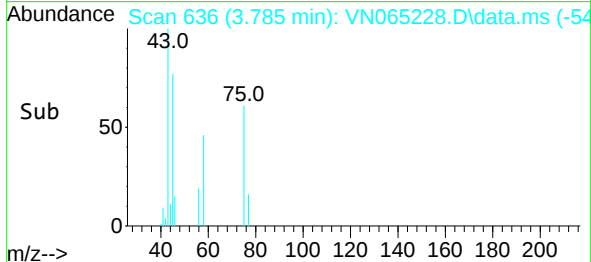
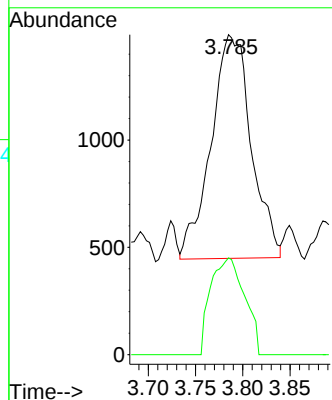
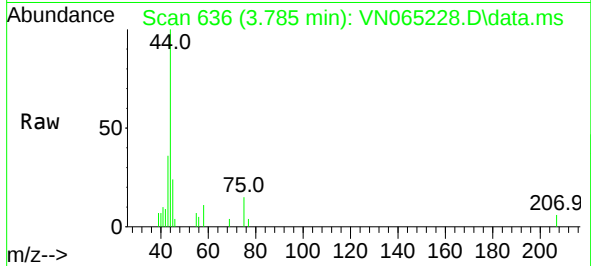




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

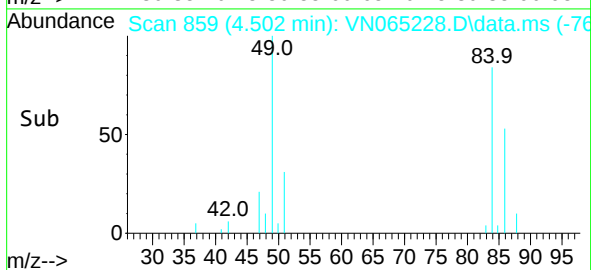
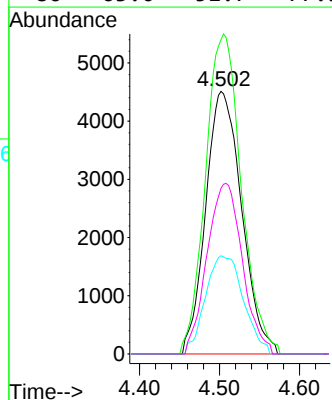
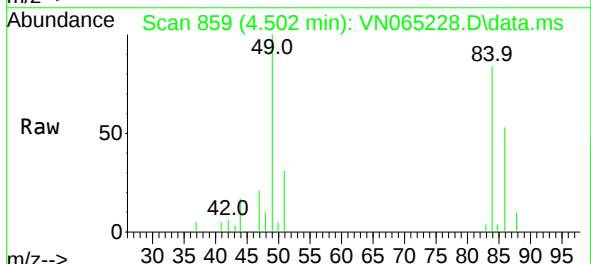
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

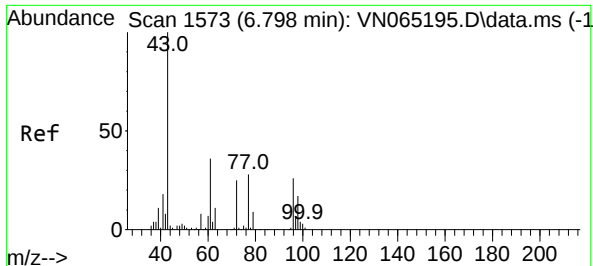
Tgt Ion: 43 Resp: 3086
Ion Ratio Lower Upper
43 100
58 44.0 25.7 38.5#



#20
Methylene Chloride
Concen: 5.40 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

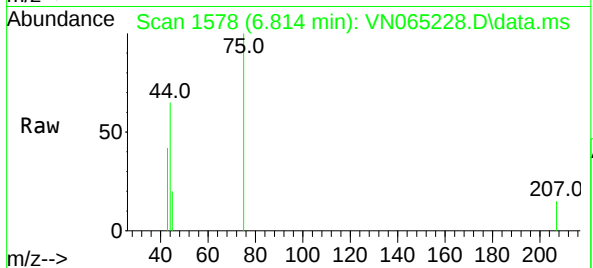
Tgt Ion: 84 Resp: 14125
Ion Ratio Lower Upper
84 100
49 119.6 93.4 140.0
51 37.4 28.2 42.4
86 63.0 51.7 77.5



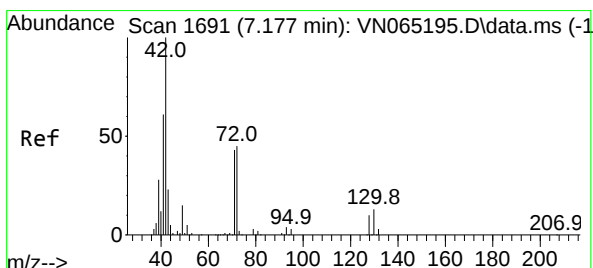
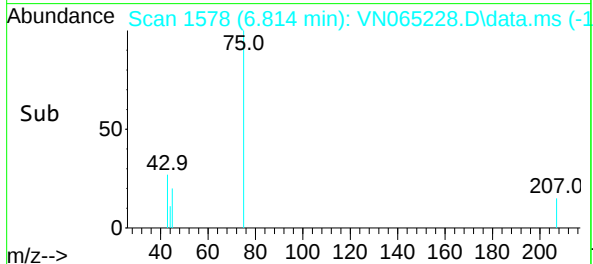
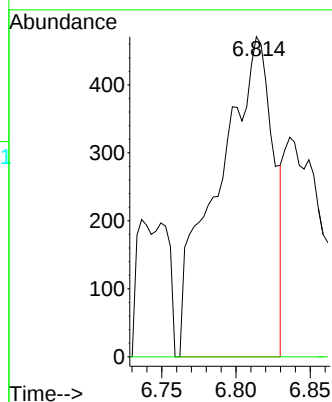


#25
2-Butanone
Concen: 0.81 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

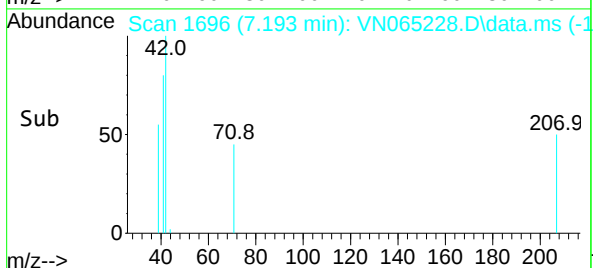
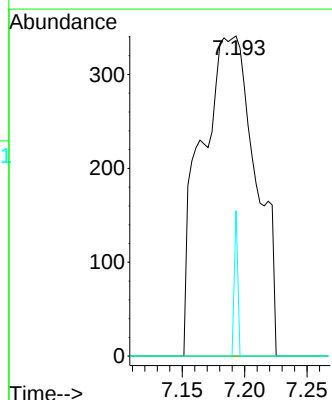
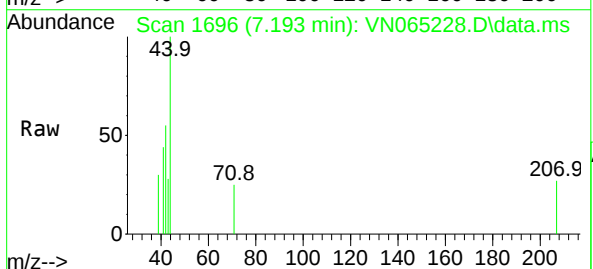


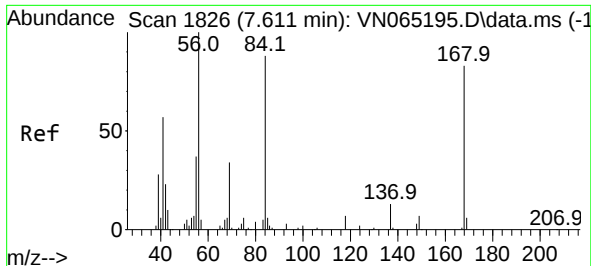
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 7.193 min Scan# 1696
Delta R.T. 0.016 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

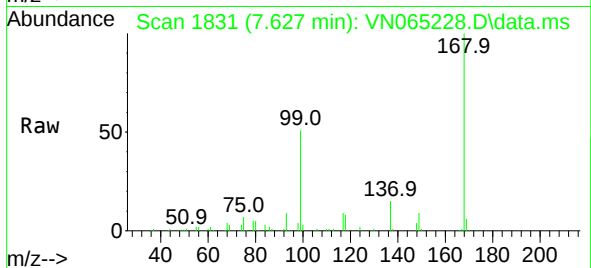
Tgt Ion: 42 Resp: 1044
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 2.9 33.6 50.4#



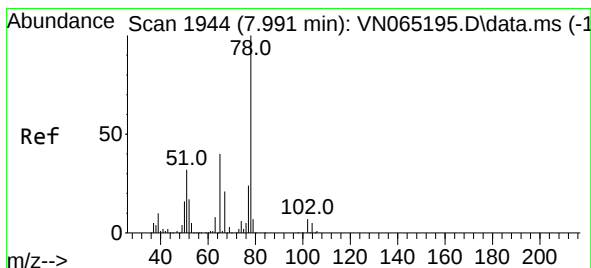
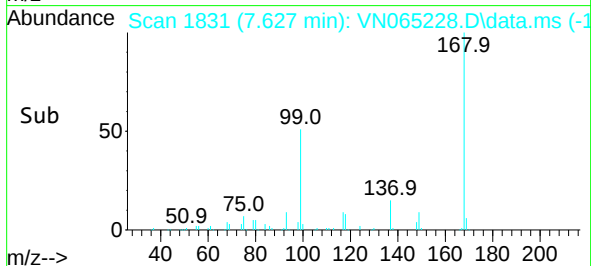
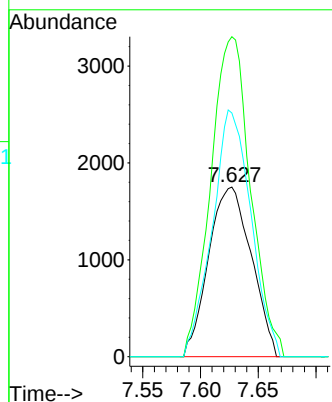


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Instrument :
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ClientSampleId :
PB133767ZHE#11

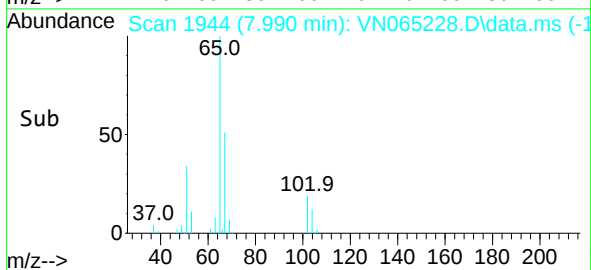
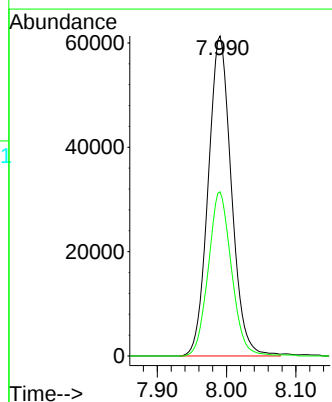
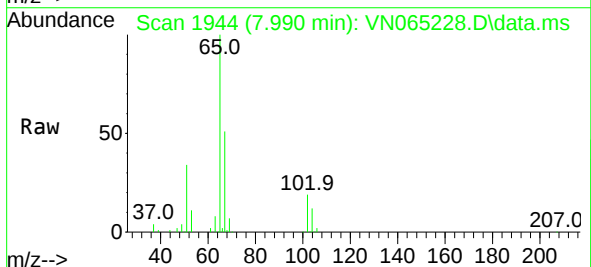


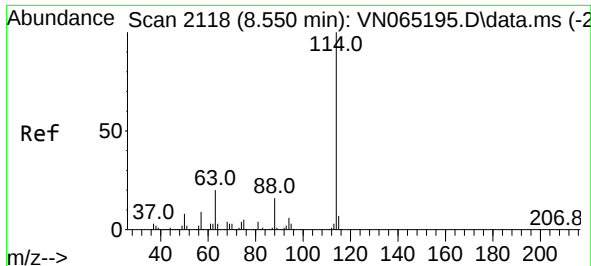
Tgt Ion: 56 Resp: 4507
Ion Ratio Lower Upper
56 100
69 188.7 27.5 41.3#
84 143.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 53.12 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

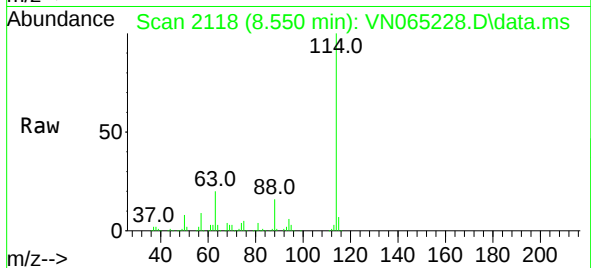
Tgt Ion: 65 Resp: 142321
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.2



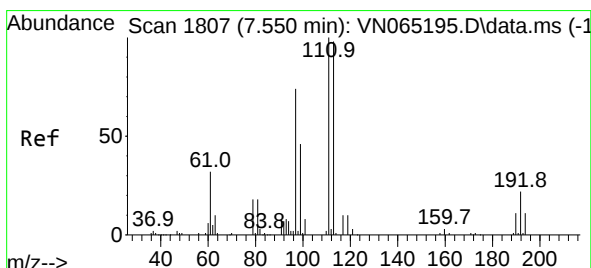
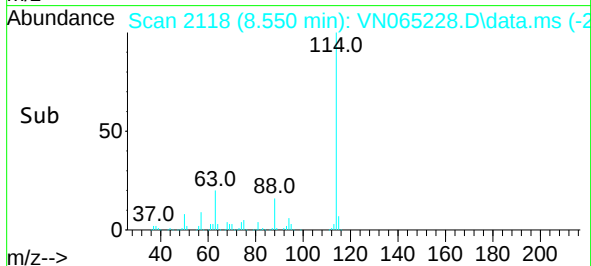
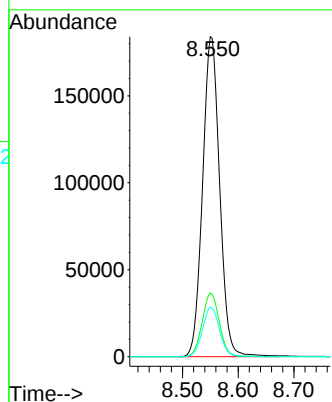


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Instrument :
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ClientSampleId :
PB133767ZHE#11

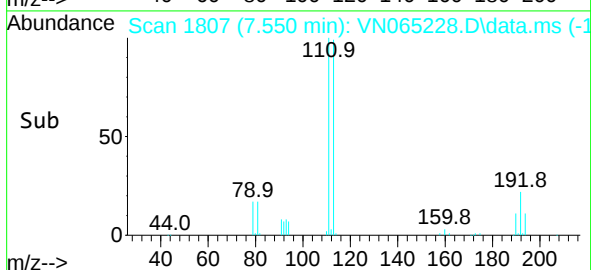
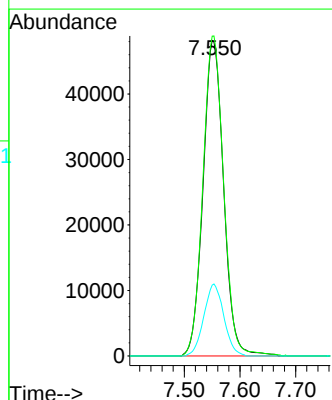
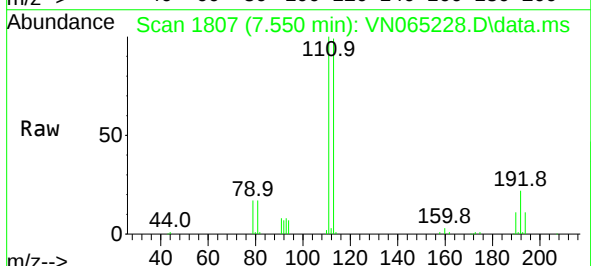


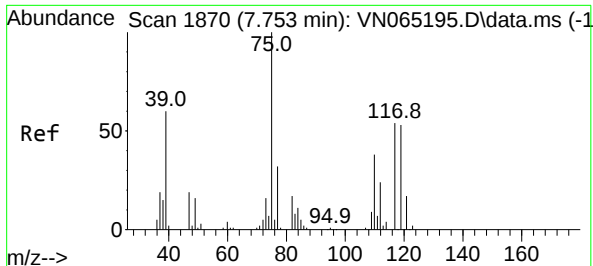
Tgt Ion:	114	Resp:	391841
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	38.6
88	15.5	0.0	32.6



#35
Dibromofluoromethane
Concen: 52.38 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion:	113	Resp:	123817
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.6	122.4
192	22.2	16.2	24.2

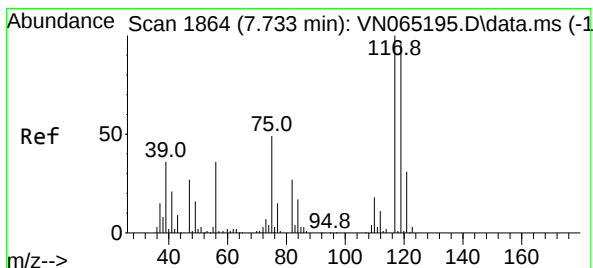
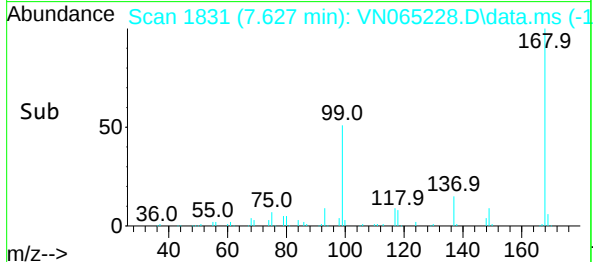
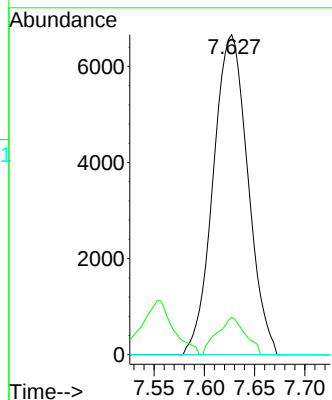
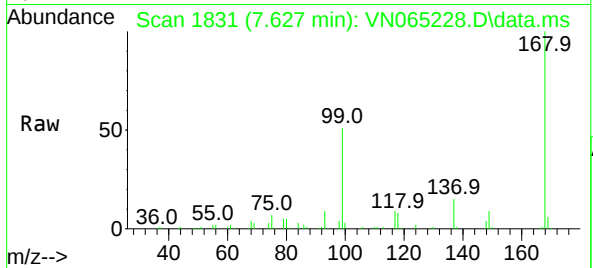




#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

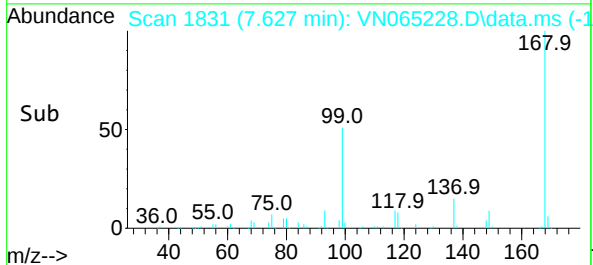
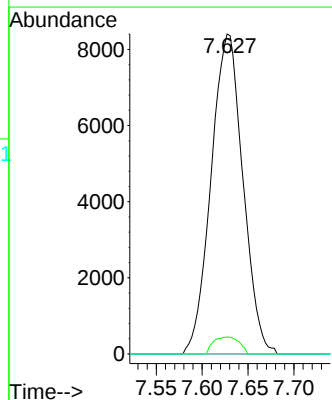
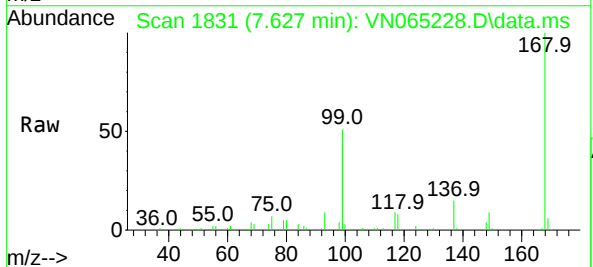
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PB133767ZHE#11

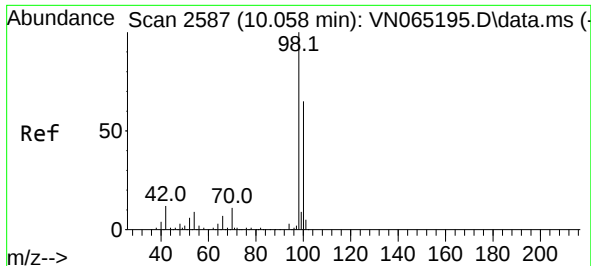
Tgt Ion: 75 Resp: 15965
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion: 117 Resp: 20261
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.4 38.2#

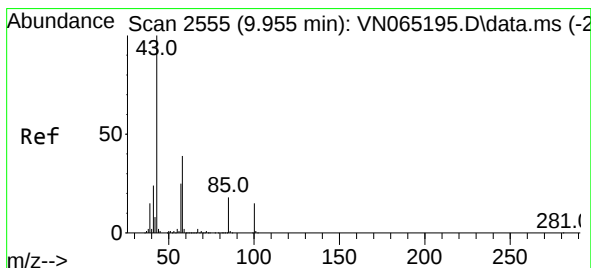
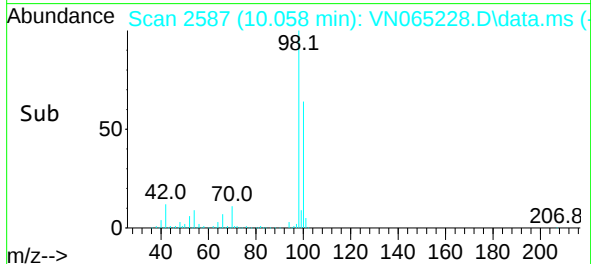
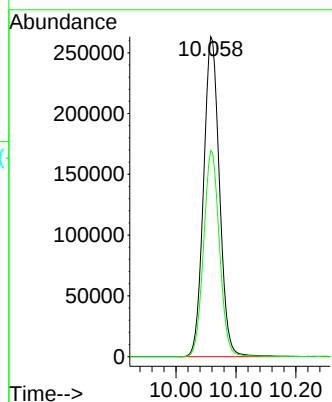
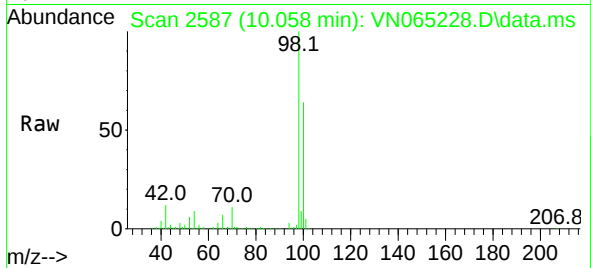




#50
Toluene-d8
Concen: 54.78 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

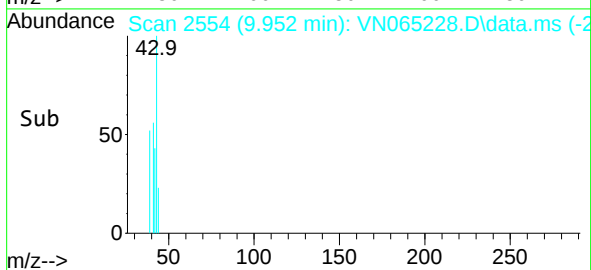
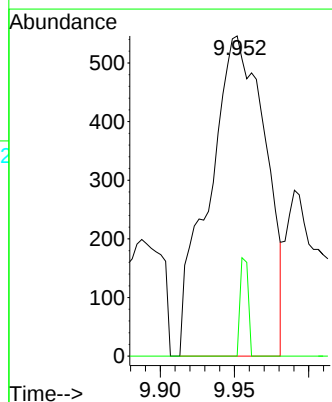
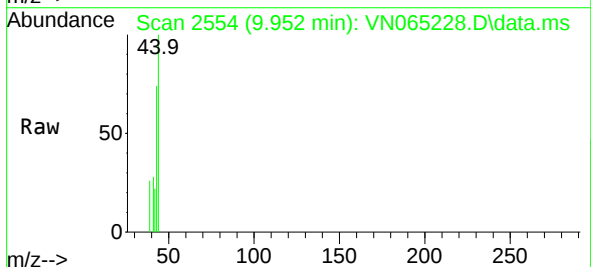
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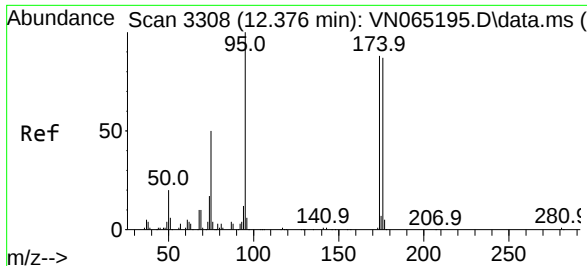
Tgt Ion: 98 Resp: 485384
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#

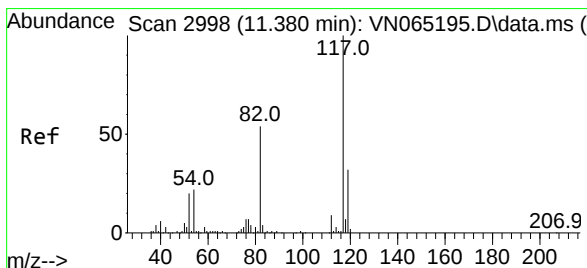
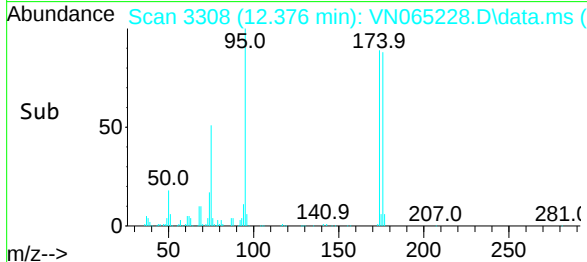
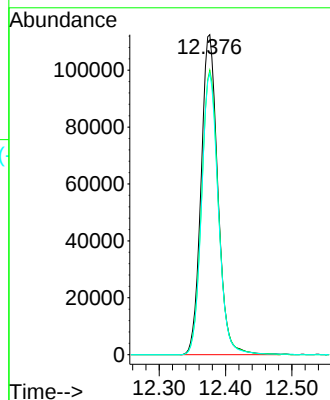
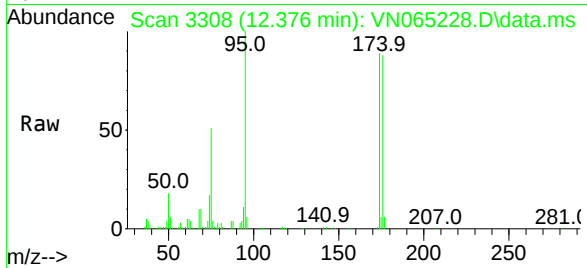




#62
4-Bromofluorobenzene
Concen: 55.66 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

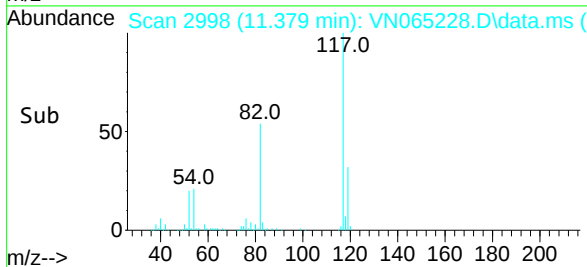
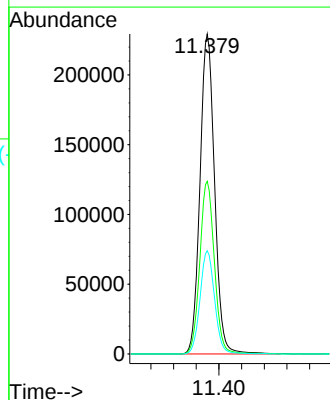
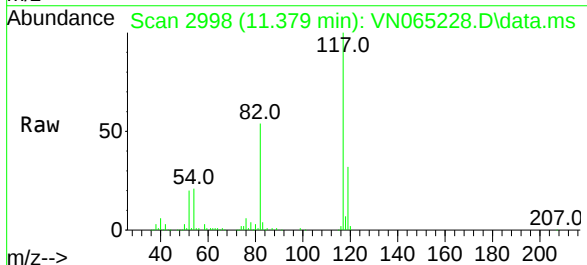
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

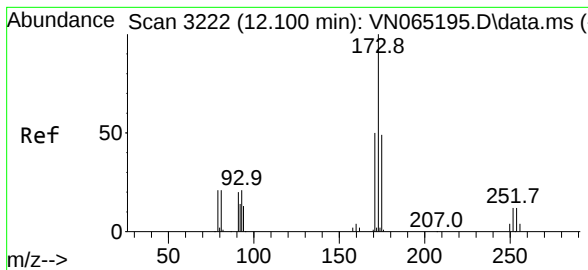
Tgt Ion: 95 Resp: 197308
Ion Ratio Lower Upper
95 100
174 89.3 0.0 160.4
176 87.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion: 117 Resp: 410303
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.3 25.8 38.6

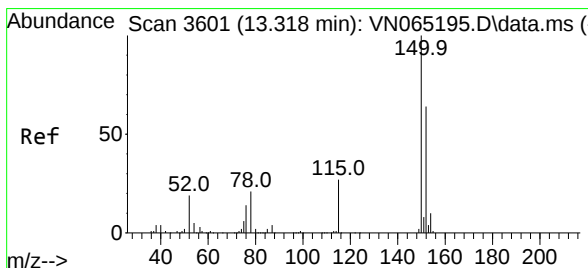
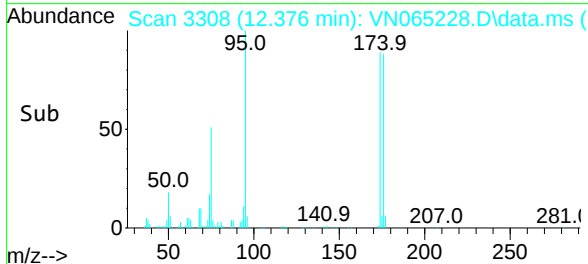
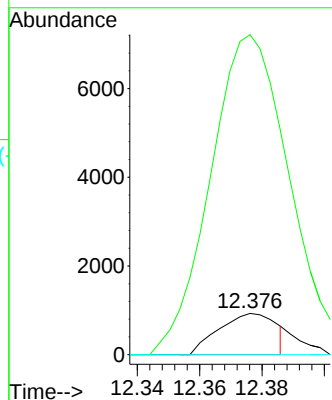
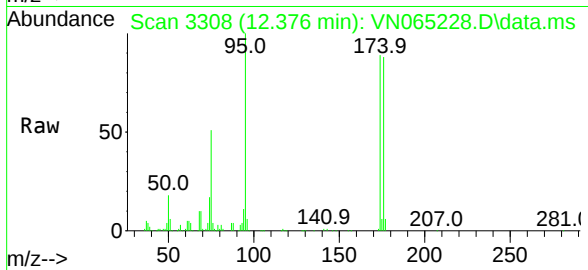




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

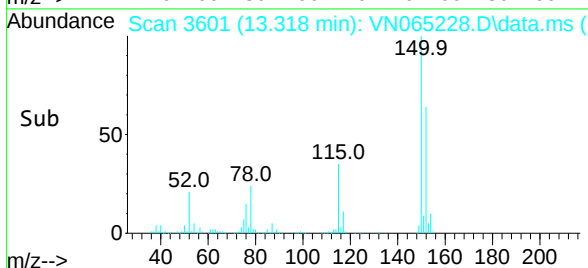
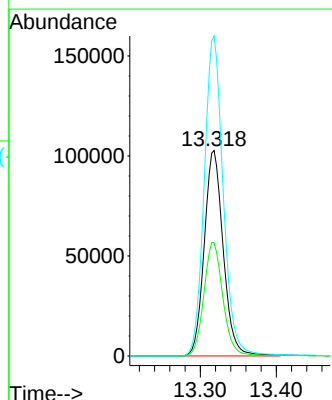
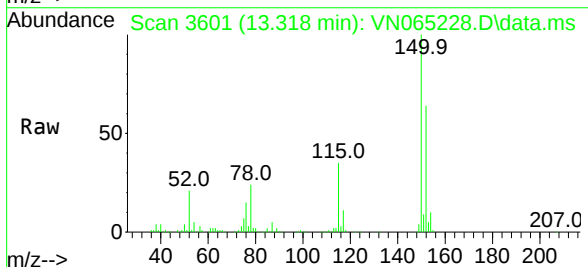
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

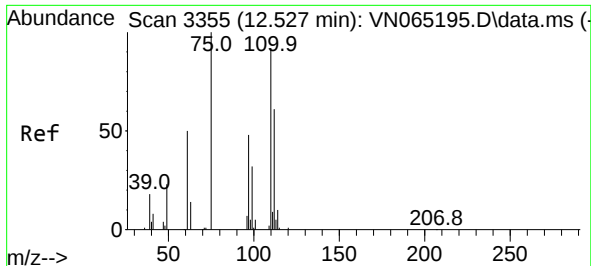
Tgt Ion:173 Resp: 1187
Ion Ratio Lower Upper
173 100
175 883.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion:152 Resp: 178297
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 155.8 0.0 350.6

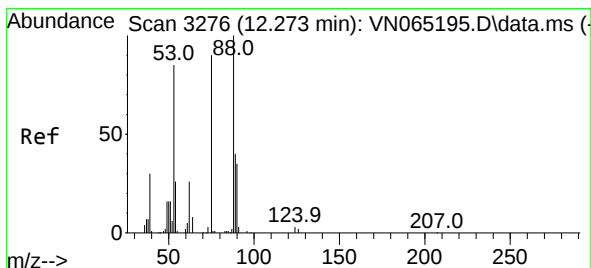
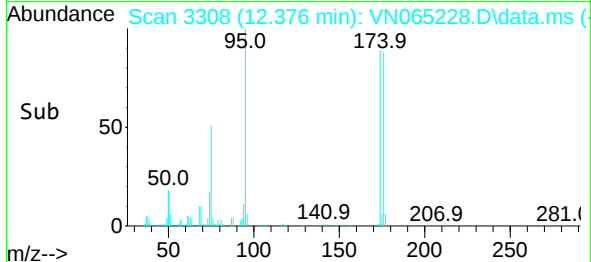
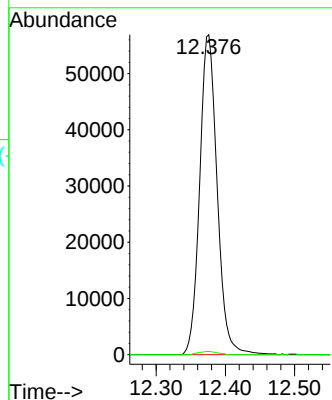
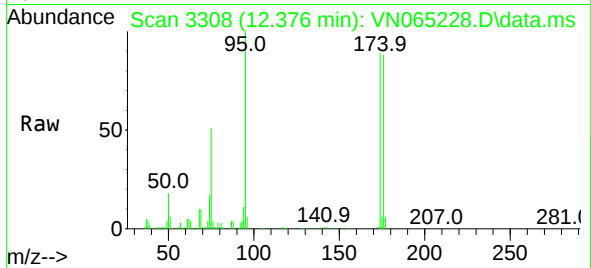




#76
1,2,3-Trichloropropane
Concen: 27.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

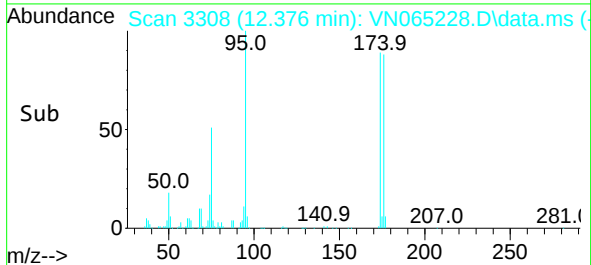
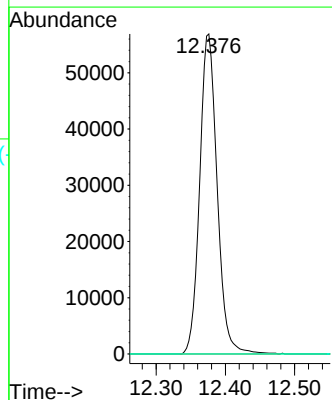
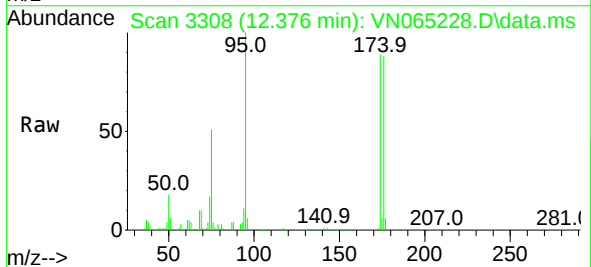
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

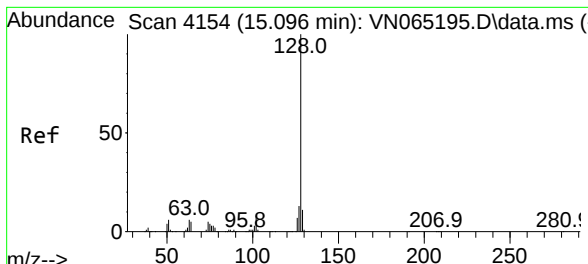
Tgt Ion: 75 Resp: 99742
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.14 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Tgt Ion: 75 Resp: 99742
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065228.D
Acq: 23 Dec 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#11

Tgt Ion:128 Resp: 444
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

