

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065229.D
 Acq On : 23 Dec 2020 12:45
 Operator : JC/MD
 Sample : PB133767ZHE#12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133767ZHE#12

Quant Time: Dec 24 04:19:18 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)

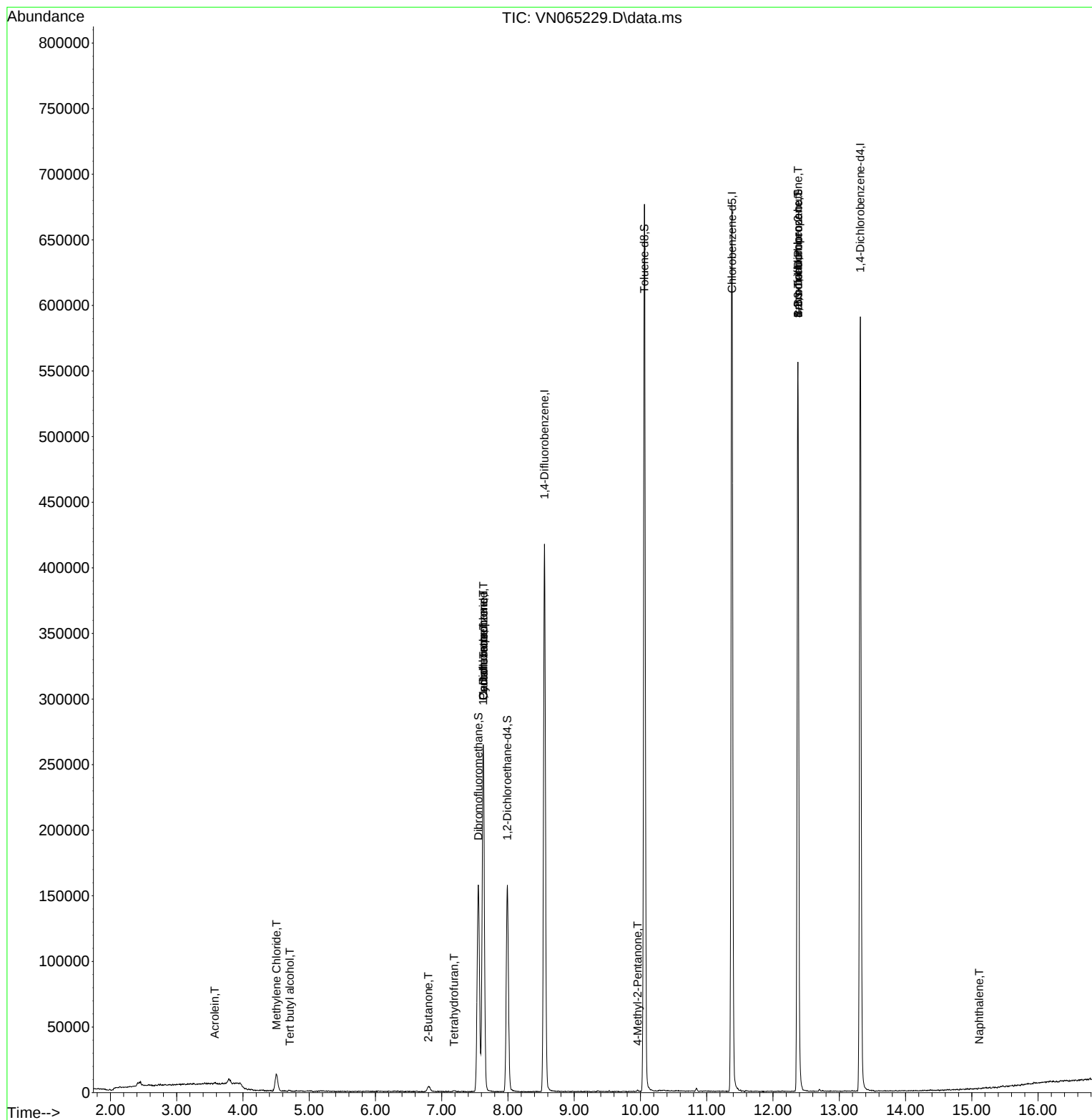
Internal Standards						
1) Pentafluorobenzene	7.627	168	234475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	384909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	405498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	172503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	138076	52.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.32%			
35) Dibromofluoromethane	7.553	113	121820	52.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.92%			
50) Toluene-d8	10.058	98	479395	55.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.16%			
62) 4-Bromofluorobenzene	12.376	95	193570	55.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.20%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.708	59	132	0.30	ug/l #	73
13) Acrolein	3.573	56	422	3.84	ug/l #	14
16) Acetone	3.785	43	3024	Below Cal	#	84
20) Methylene Chloride	4.505	84	9905	3.84	ug/l	99
25) 2-Butanone	6.798	43	298	0.20	ug/l #	49
29) Tetrahydrofuran	7.187	42	908	0.94	ug/l #	32
31) Cyclohexane	7.627	56	4141	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16045	4.58	ug/l #	49
38) Carbon Tetrachloride	7.627	117	19841	5.40	ug/l #	16
51) 4-Methyl-2-Pentanone	9.955	43	1646	0.49	ug/l #	35
71) Bromoform	12.376	173	1195	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	98026	27.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98026	70.24	ug/l #	15
95) Naphthalene	15.113	128	172	3.39	ug/l #	69

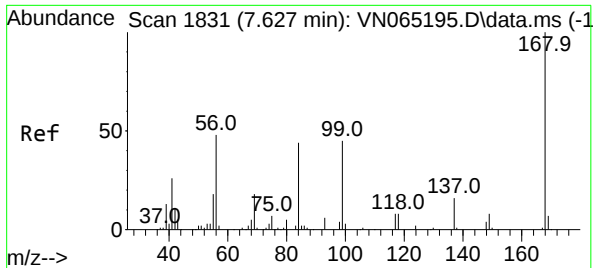
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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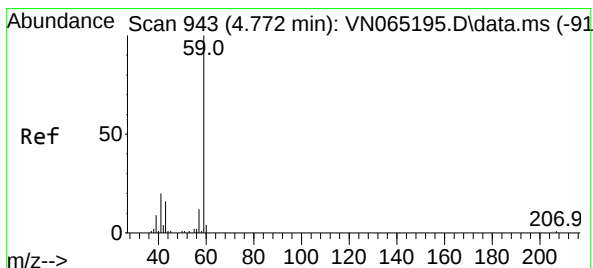
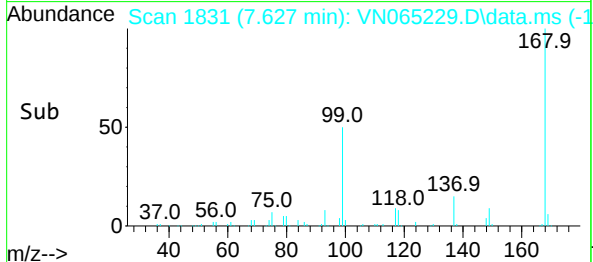
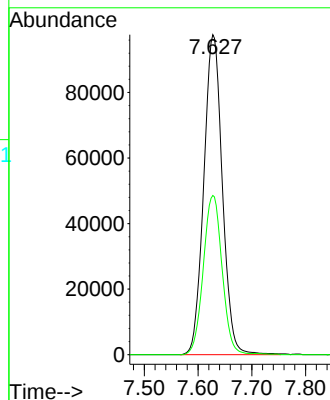
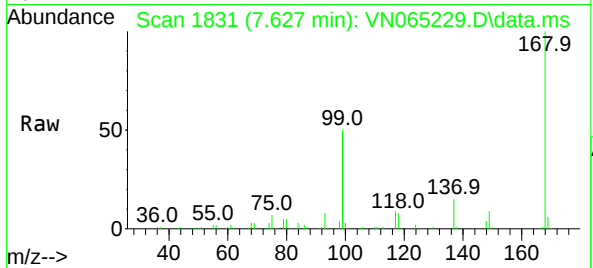




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

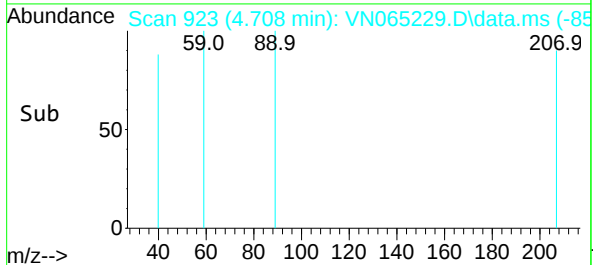
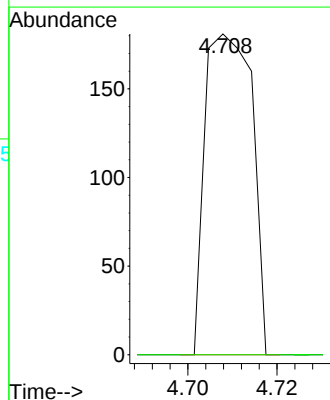
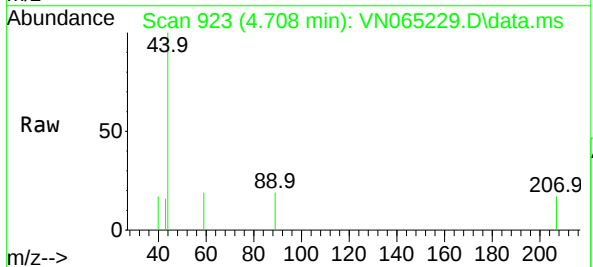
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

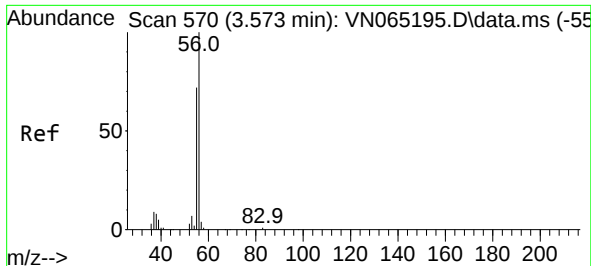
Tgt Ion:168 Resp: 234475
Ion Ratio Lower Upper
168 100
99 49.7 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 4.708 min Scan# 923
Delta R.T. -0.064 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

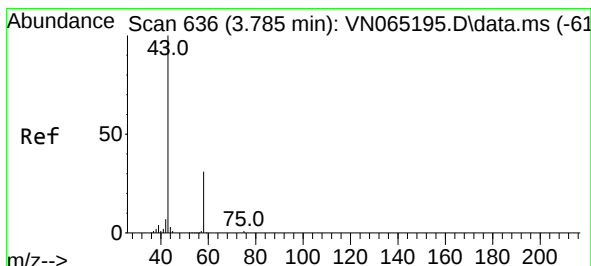
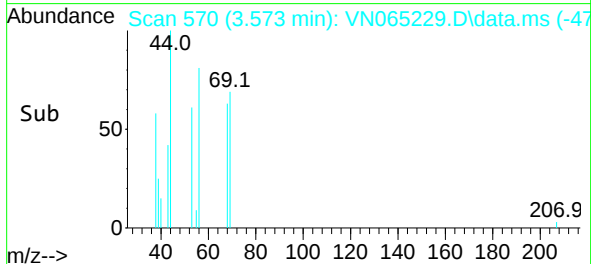
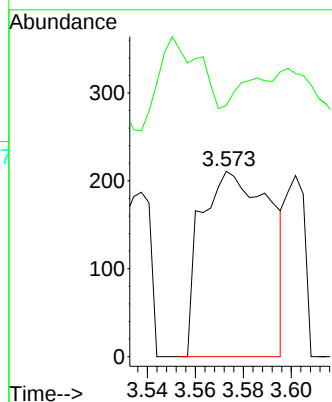
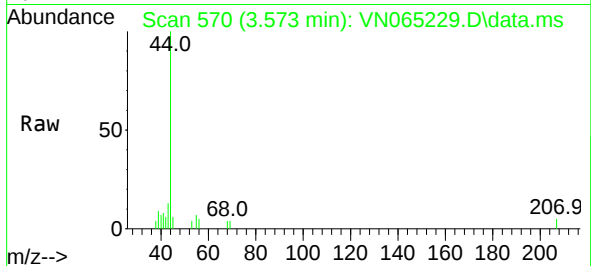




#13
Acrolein
Concen: 3.84 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

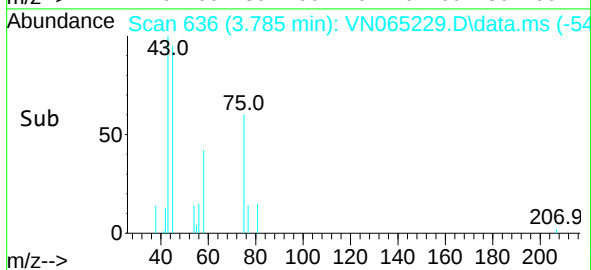
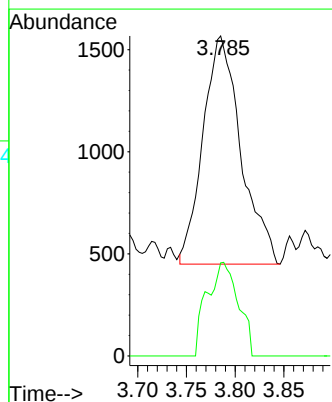
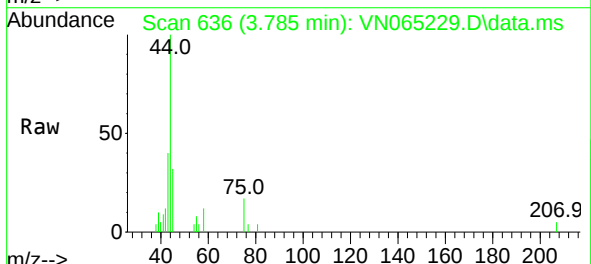
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

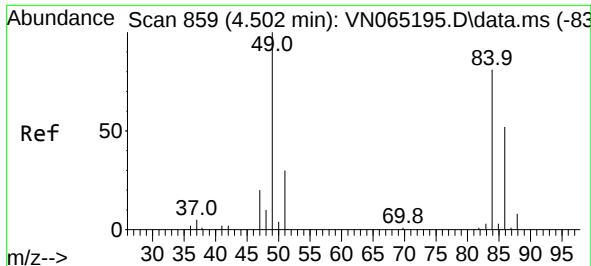
Tgt Ion: 56 Resp: 422
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

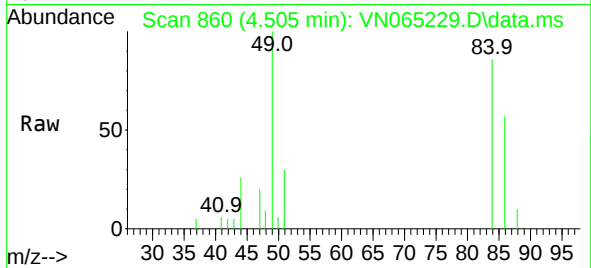
Tgt Ion: 43 Resp: 3024
Ion Ratio Lower Upper
43 100
58 40.8 25.7 38.5#



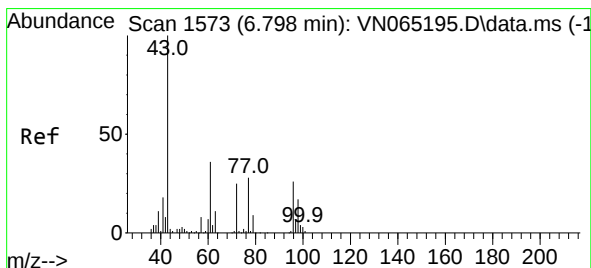
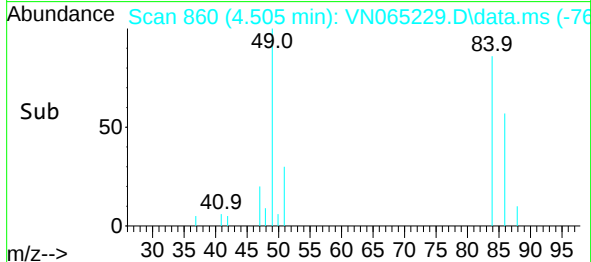
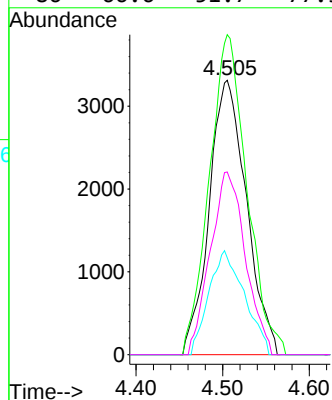


#20
Methylene Chloride
Concen: 3.84 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

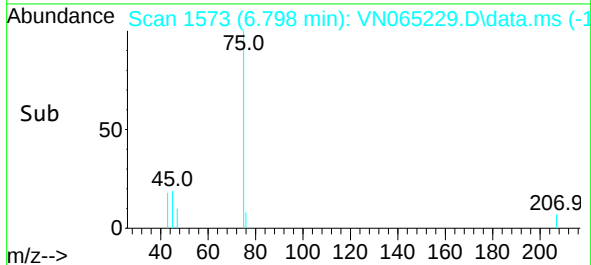
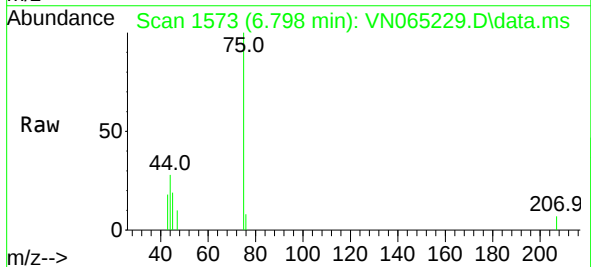


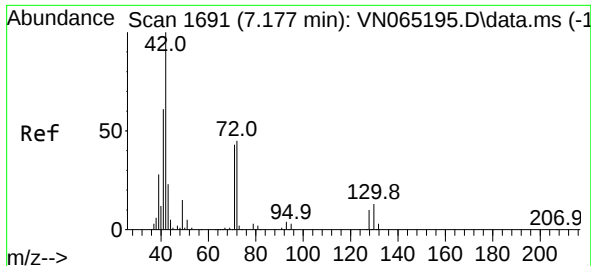
Tgt Ion:	84	Resp:	9905
Ion	Ratio	Lower	Upper
84	100		
49	116.6	93.4	140.0
51	35.3	28.2	42.4
86	66.6	51.7	77.5



#25
2-Butanone
Concen: 0.20 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Tgt Ion:	43	Resp:	298
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#





#29

Tetrahydrofuran

Concen: 0.94 ug/l

RT: 7.187 min Scan# 1694

Delta R.T. 0.010 min

Lab File: VN065229.D

Acq: 23 Dec 2020 12:45

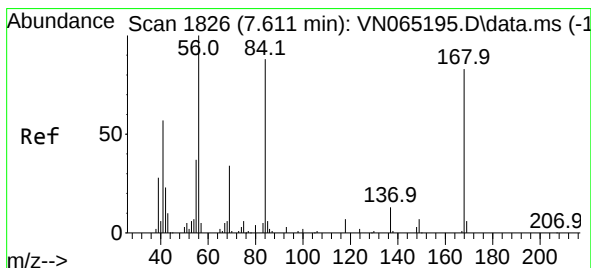
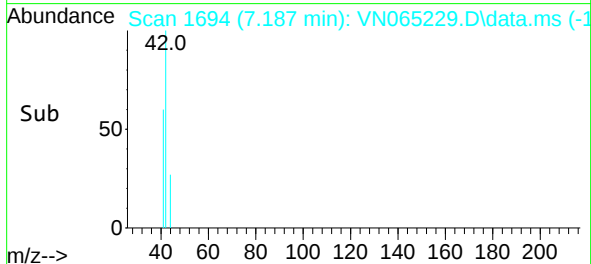
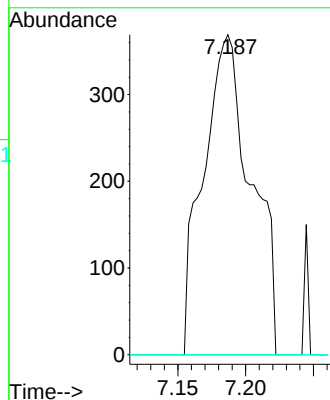
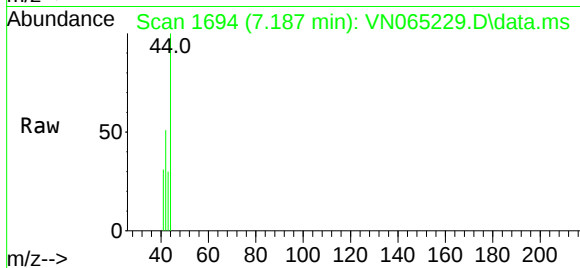
Instrument :

MSVOA_N

ClientSampleId :

PB133767ZHE#12

Tgt Ion:	42	Resp:	908
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.06 ug/l

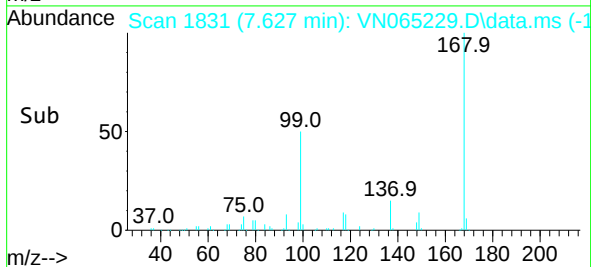
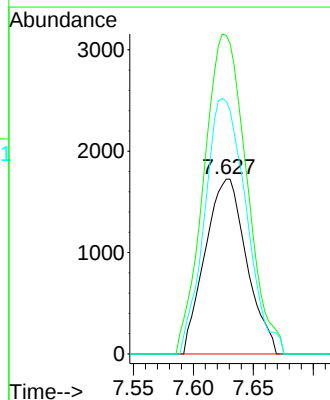
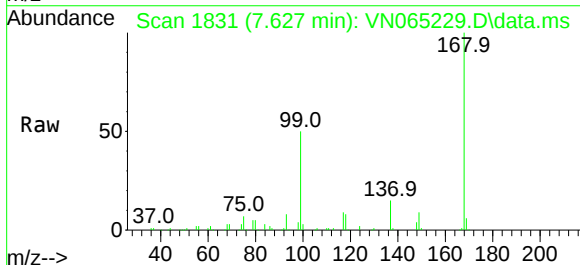
RT: 7.627 min Scan# 1831

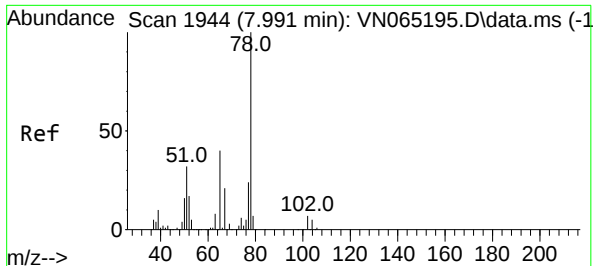
Delta R.T. 0.016 min

Lab File: VN065229.D

Acq: 23 Dec 2020 12:45

Tgt Ion:	56	Resp:	4141
Ion	Ratio	Lower	Upper
56	100		
69	172.1	27.5	41.3#
84	144.3	73.9	110.9#

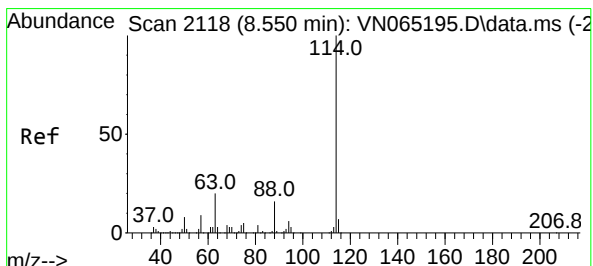
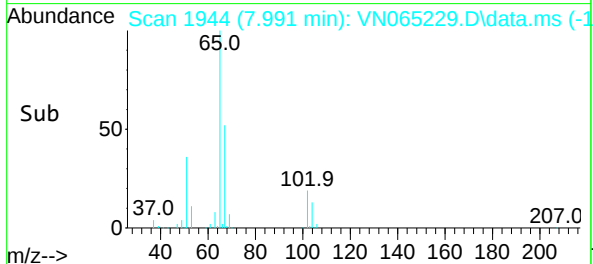
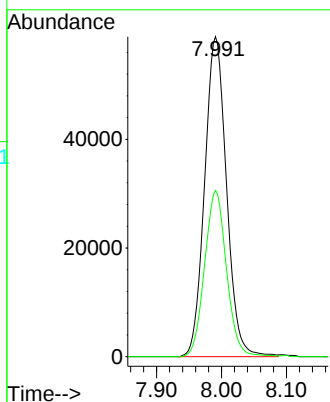
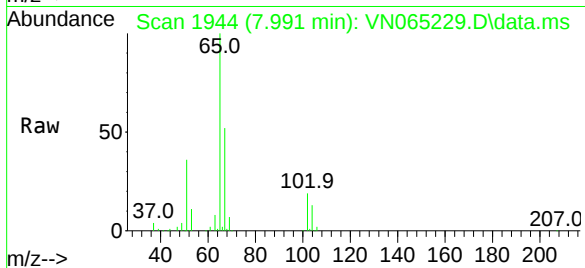




#33
1,2-Dichloroethane-d4
Concen: 52.16 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

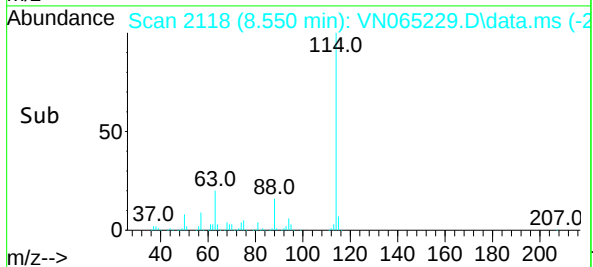
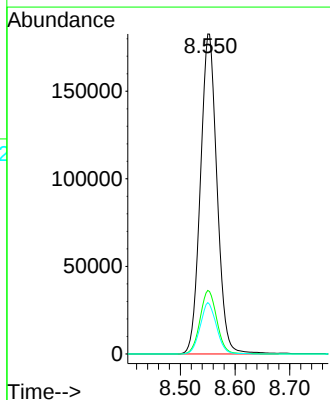
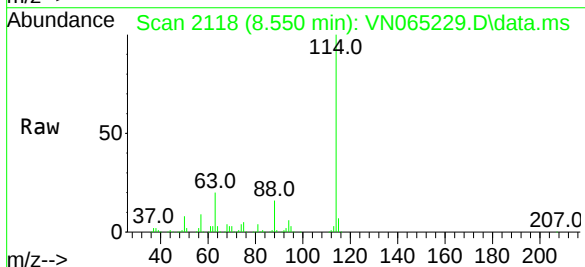
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

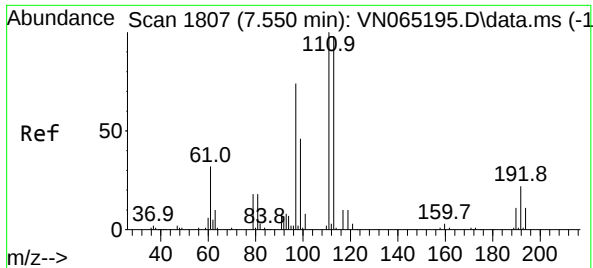
Tgt Ion: 65 Resp: 138076
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

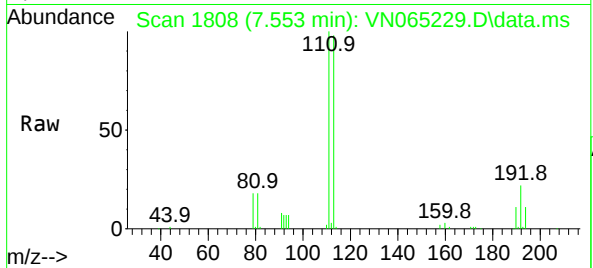
Tgt Ion: 114 Resp: 384909
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 16.1 0.0 32.6



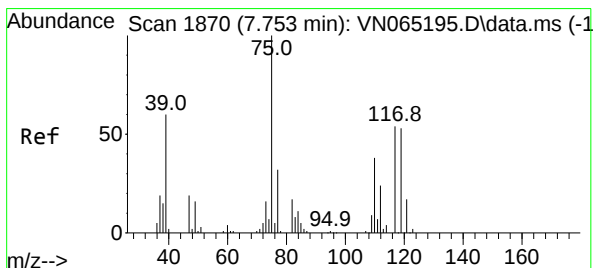
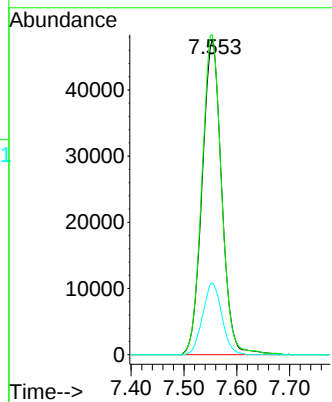
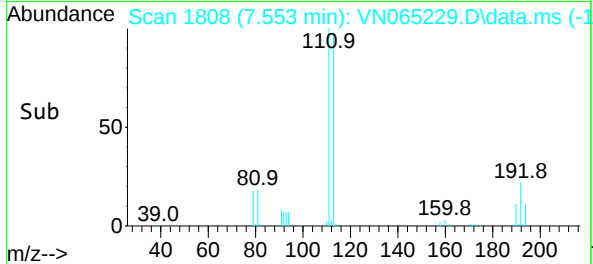


#35
Dibromofluoromethane
Concen: 52.46 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

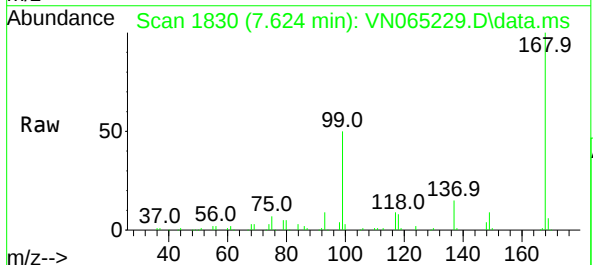
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12



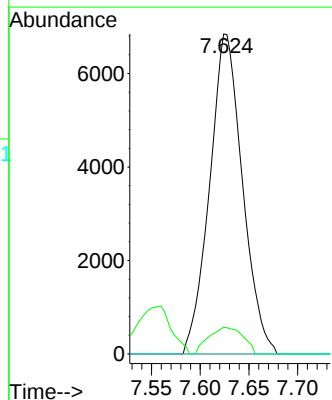
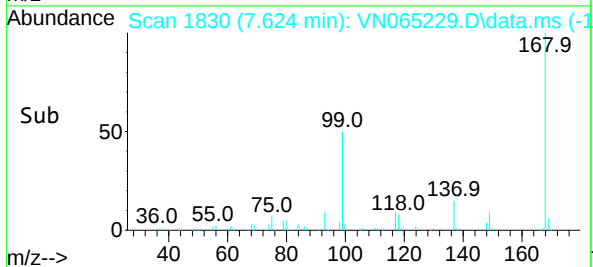
Tgt Ion:113 Resp: 121820
Ion Ratio Lower Upper
113 100
111 101.9 81.6 122.4
192 22.4 16.2 24.2

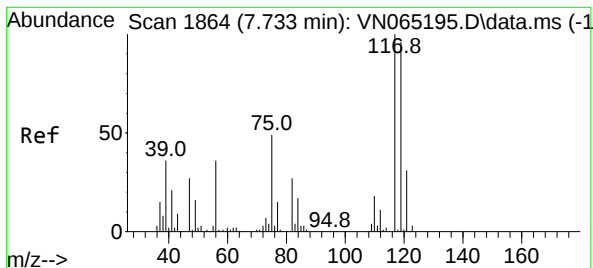


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45



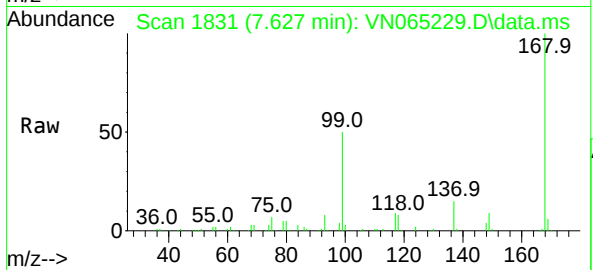
Tgt Ion: 75 Resp: 16045
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 25.0 37.4#



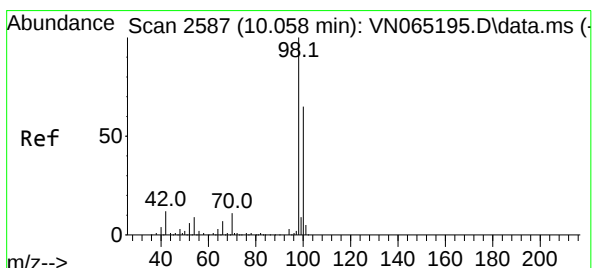
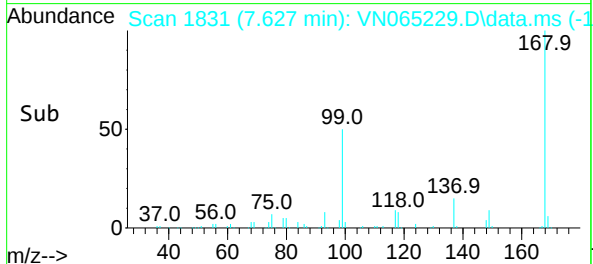
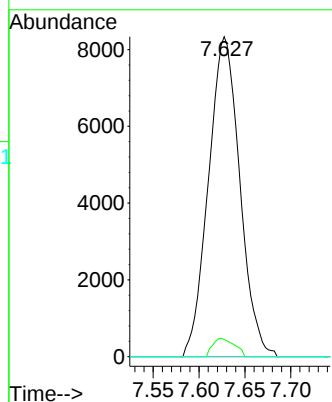


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

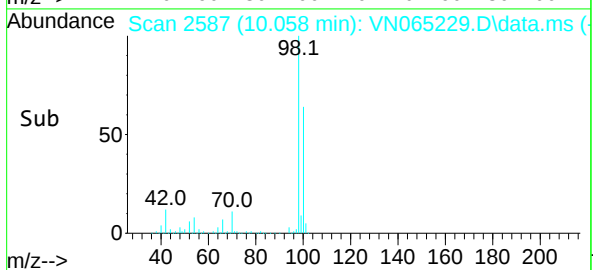
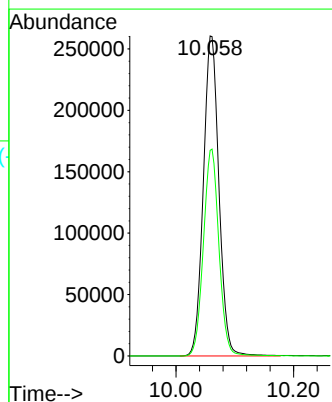
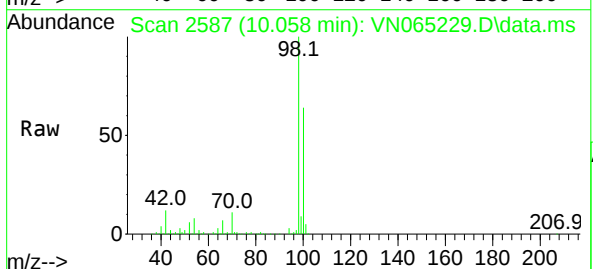


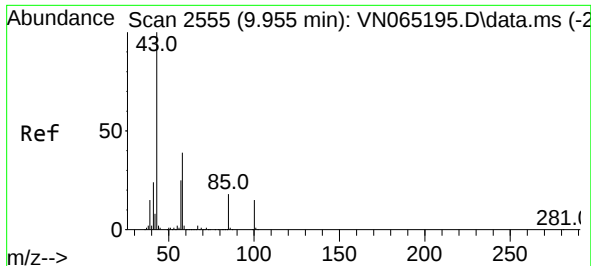
Tgt Ion:117 Resp: 19841
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 55.08 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Tgt Ion: 98 Resp: 479395
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

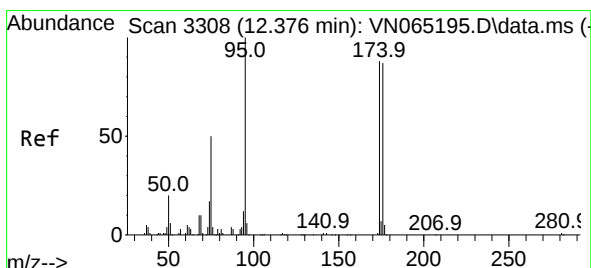
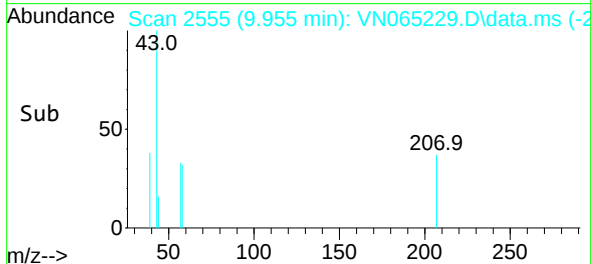
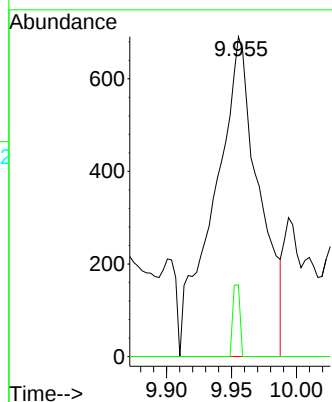
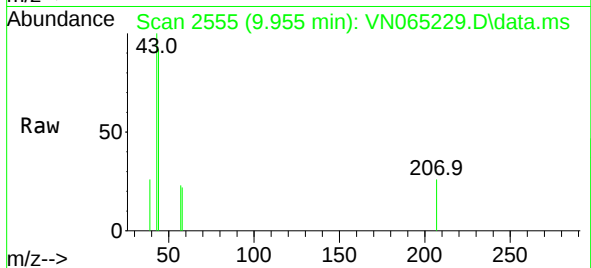




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

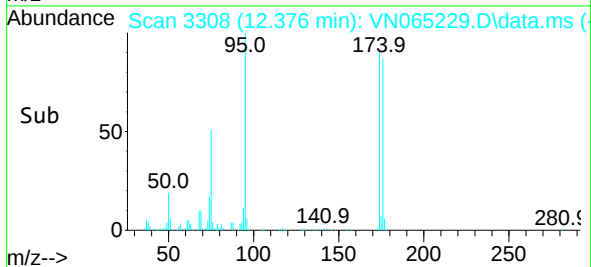
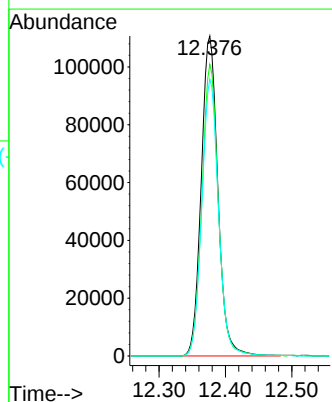
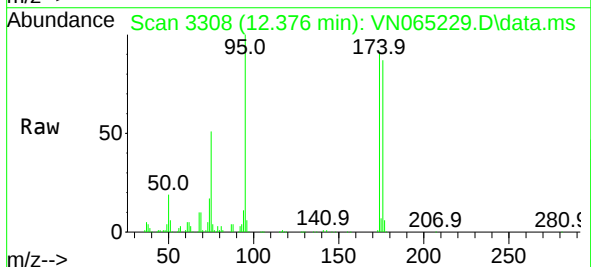
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

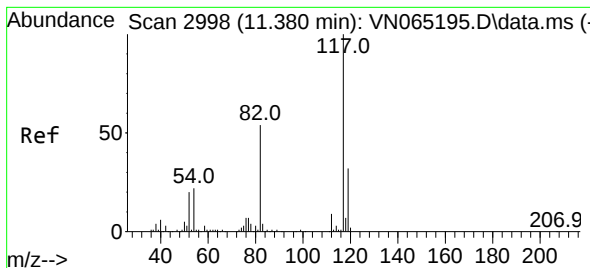
Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 55.60 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Tgt Ion: 95 Resp: 193570
Ion Ratio Lower Upper
95 100
174 89.8 0.0 160.4
176 86.8 0.0 158.4

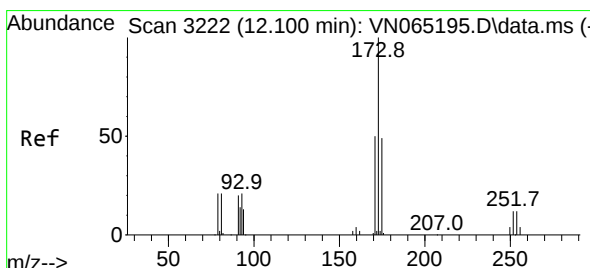
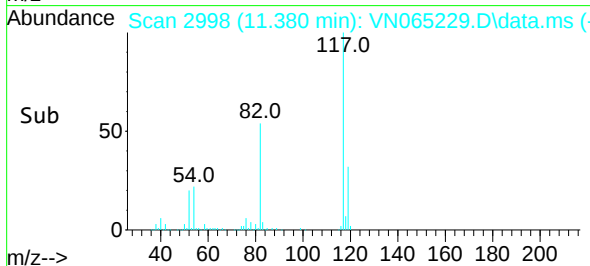
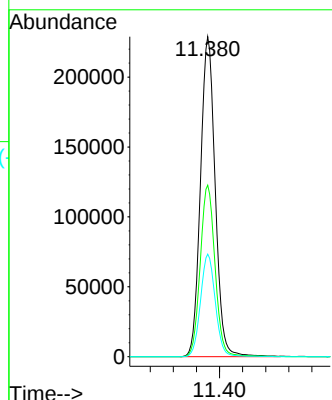
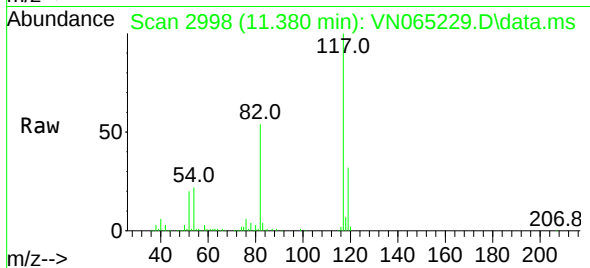




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

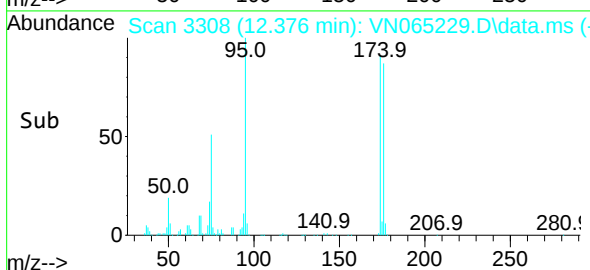
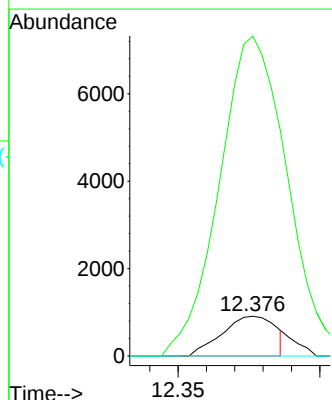
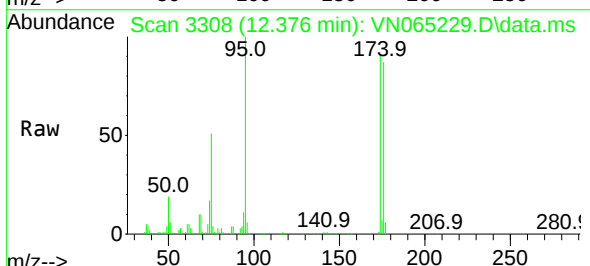
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

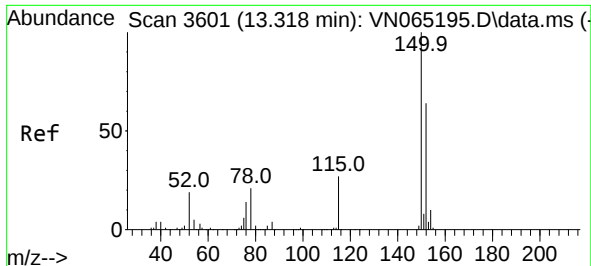
Tgt Ion:117 Resp: 405498
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Tgt Ion:173 Resp: 1195
Ion Ratio Lower Upper
173 100
175 851.6 24.3 72.8#
254 0.0 0.0 0.0

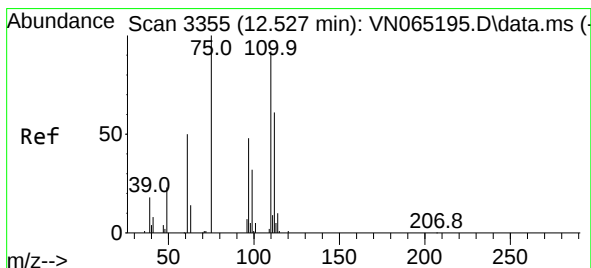
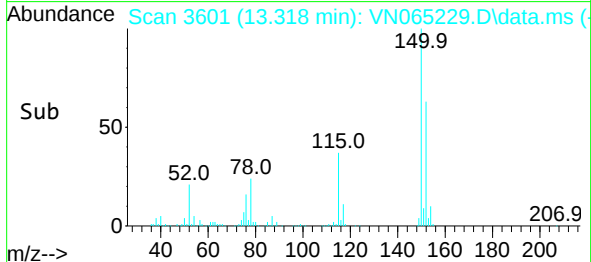
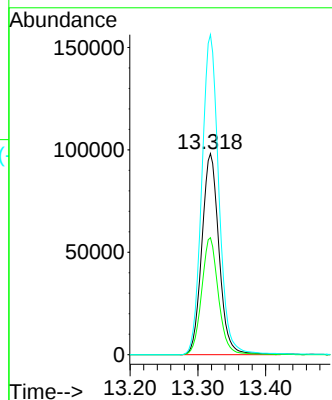
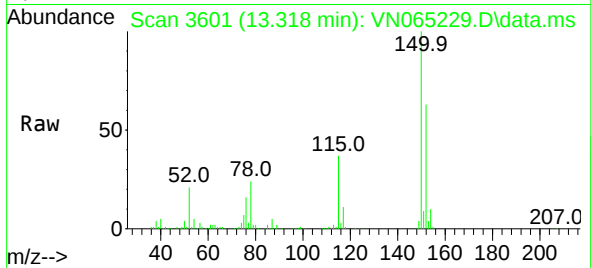




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065229.D
 Acq: 23 Dec 2020 12:45

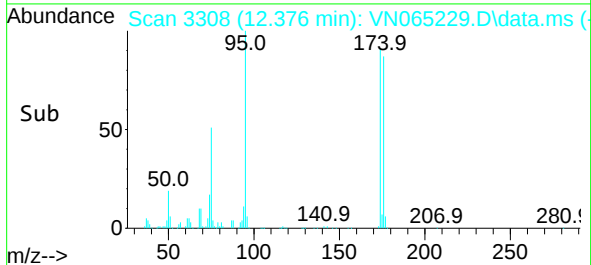
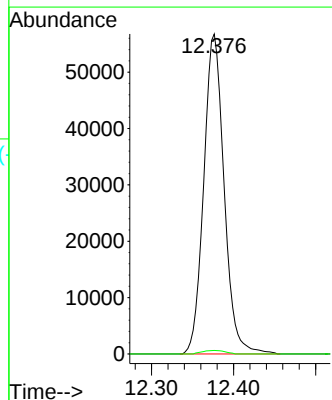
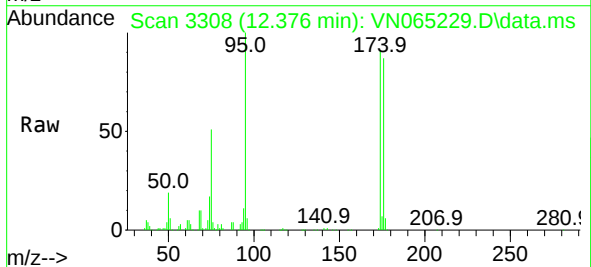
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133767ZHE#12

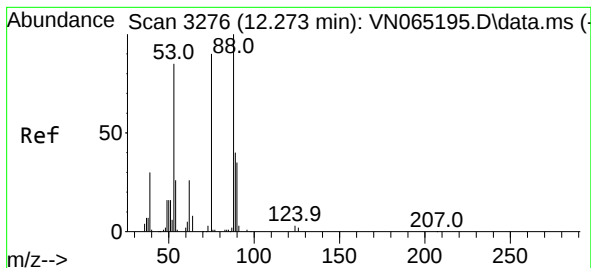
Tgt Ion:152 Resp: 172503
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.7 89.1
 150 158.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 27.85 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065229.D
 Acq: 23 Dec 2020 12:45

Tgt Ion: 75 Resp: 98026
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

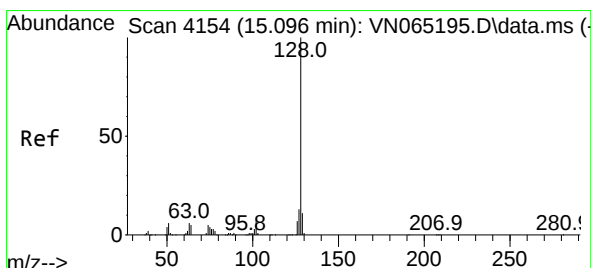
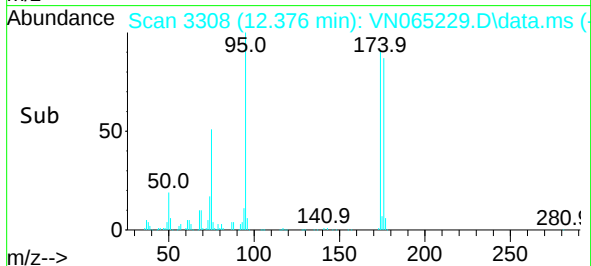
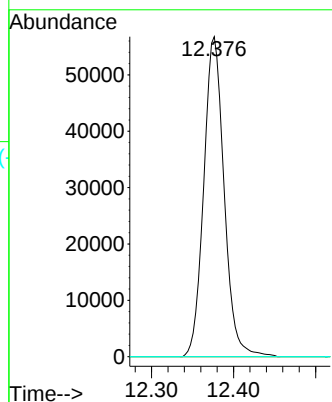
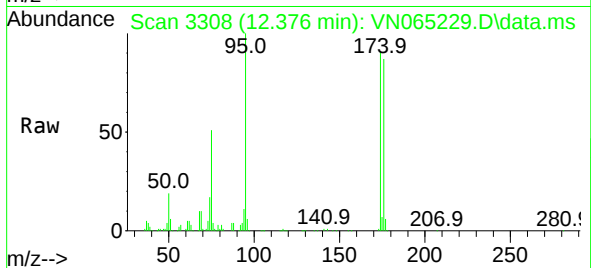




#81
trans-1,4-Dichloro-2-butene
Concen: 70.24 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#12

Tgt Ion: 75 Resp: 98026
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.39 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065229.D
Acq: 23 Dec 2020 12:45

Tgt Ion: 128 Resp: 172
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

