

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065230.D
 Acq On : 23 Dec 2020 13:10
 Operator : JC/MD
 Sample : PB133767ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133767ZHE#13

Quant Time: Dec 24 04:19:38 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)

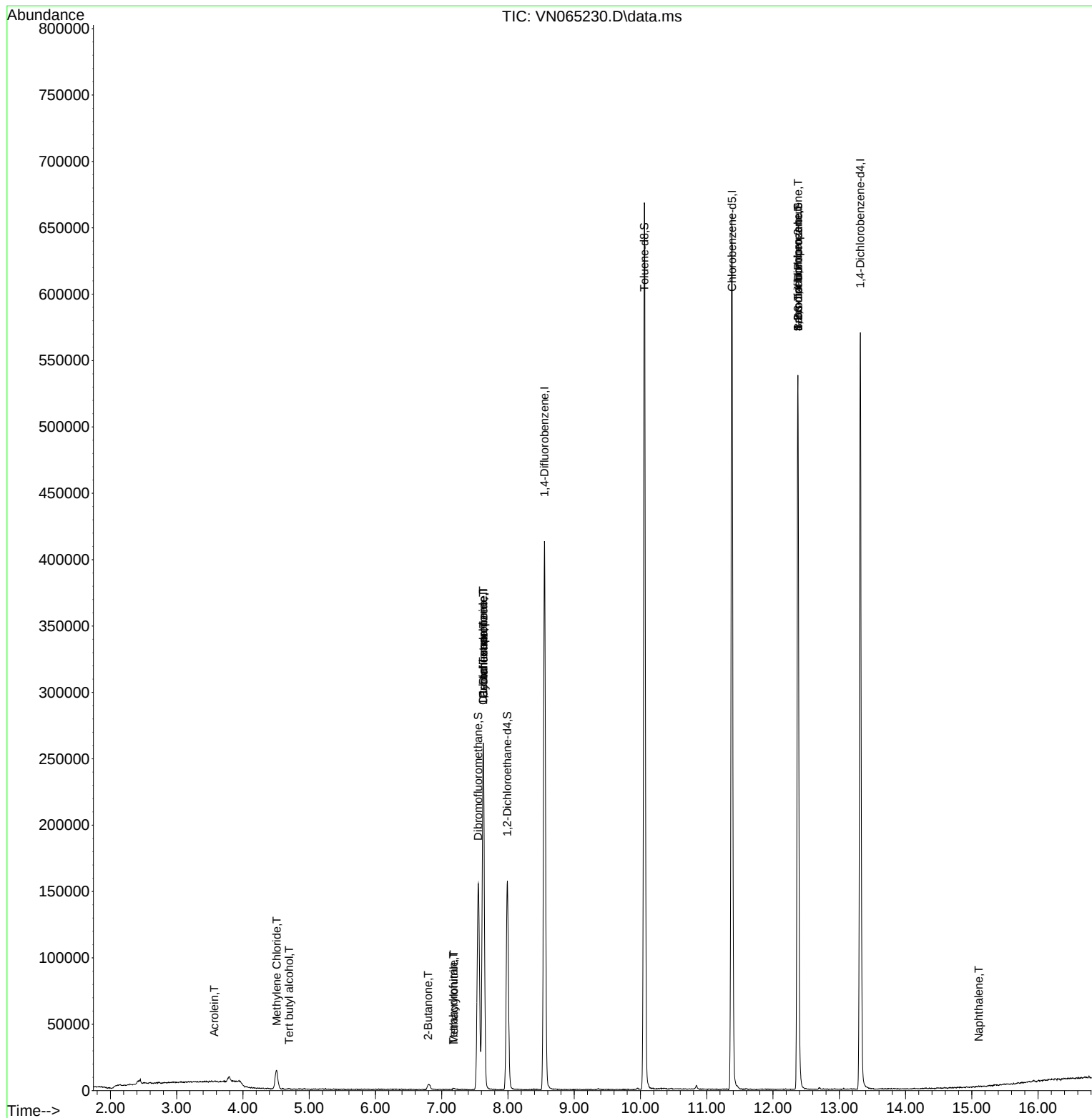
Internal Standards						
1) Pentafluorobenzene	7.627	168	231542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	381746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	399548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	168023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	139269	53.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.56%			
35) Dibromofluoromethane	7.550	113	119866	52.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.10%			
50) Toluene-d8	10.058	98	472610	54.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.50%			
62) 4-Bromofluorobenzene	12.376	95	187031	54.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.60%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.698	59	159	0.37	ug/l #	73
13) Acrolein	3.566	56	99	2.75	ug/l #	13
16) Acetone	3.785	43	2836	Below Cal		99
20) Methylene Chloride	4.508	84	10955	4.30	ug/l	98
25) 2-Butanone	6.794	43	486	0.33	ug/l #	49
29) Tetrahydrofuran	7.177	42	491	0.52	ug/l #	32
31) Cyclohexane	7.627	56	4357	1.13	ug/l #	14
36) 1,1-Dichloropropene	7.624	75	15269	4.40	ug/l #	50
38) Carbon Tetrachloride	7.624	117	19882	5.45	ug/l #	16
41) Methacrylonitrile	7.184	41	479	0.27	ug/l #	18
71) Bromoform	12.376	173	1087	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	95747	27.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	95747	70.43	ug/l #	15
95) Naphthalene	15.106	128	58	3.38	ug/l #	69

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

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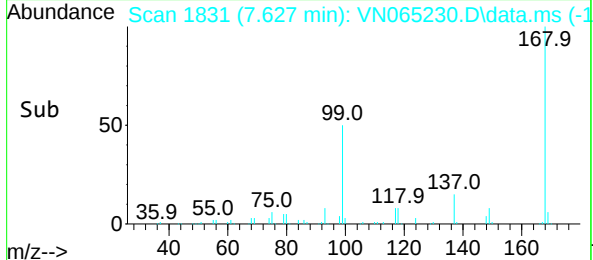
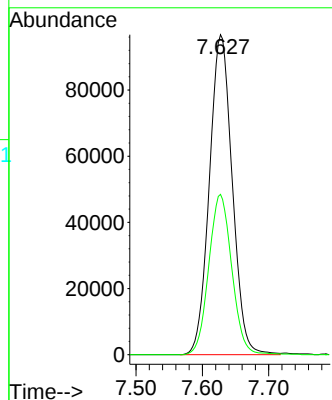
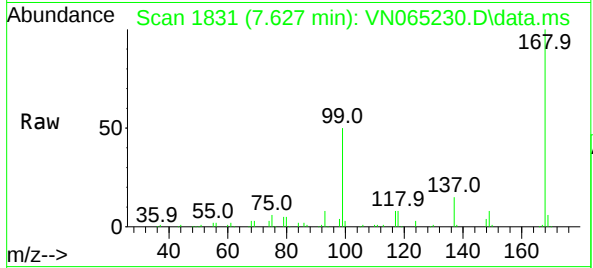




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

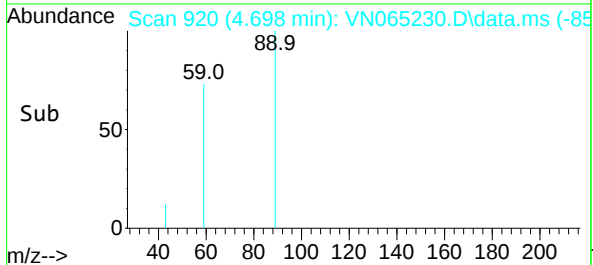
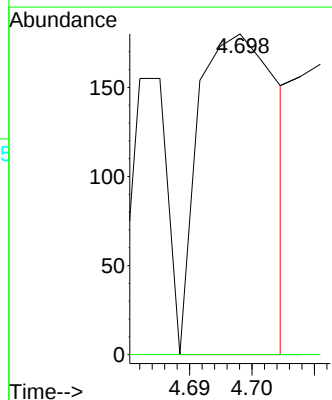
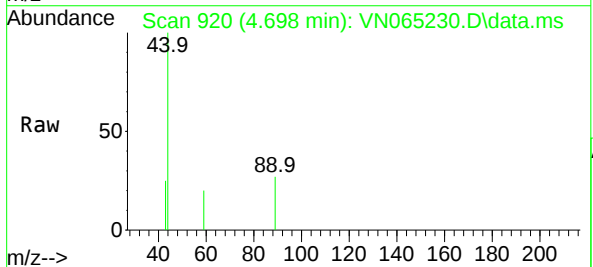
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

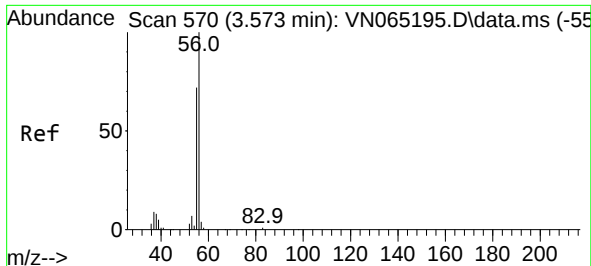
Tgt Ion:168 Resp: 231542
Ion Ratio Lower Upper
168 100
99 50.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 4.698 min Scan# 920
Delta R.T. -0.074 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

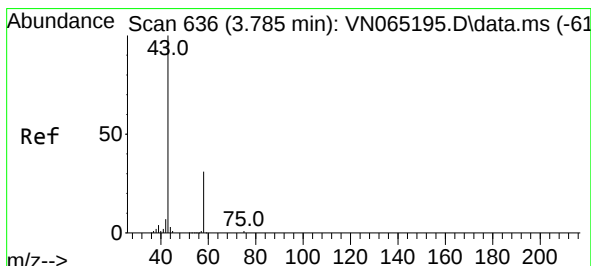
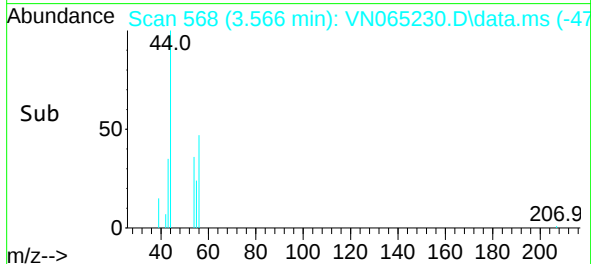
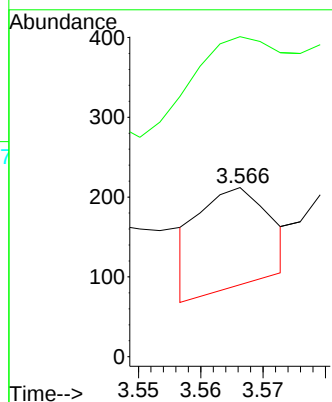
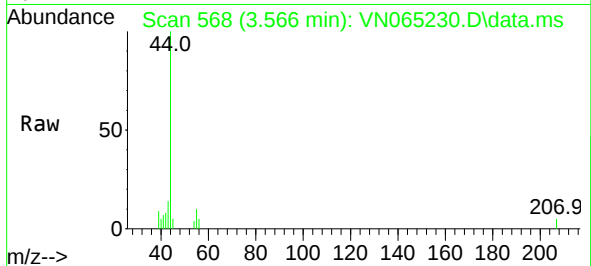




#13
Acrolein
Concen: 2.75 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.007 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

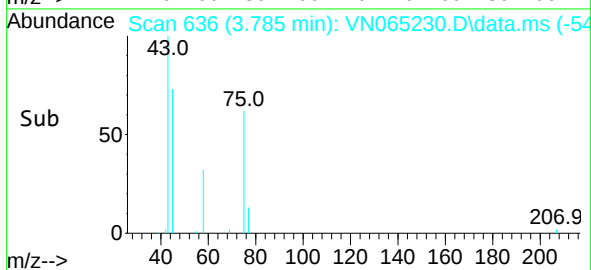
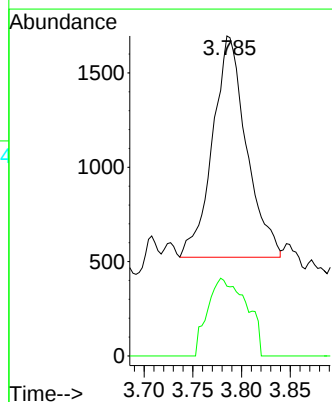
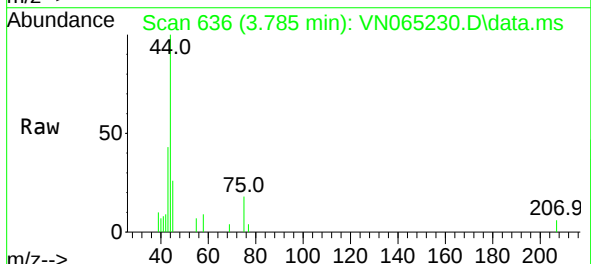
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

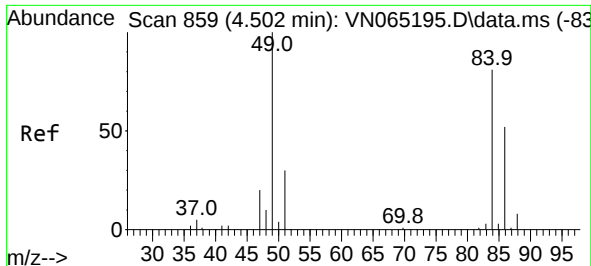
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 142.4 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

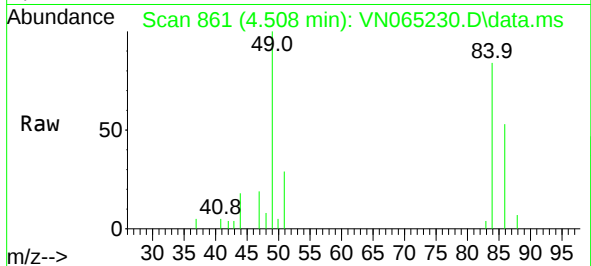
Tgt Ion: 43 Resp: 2836
Ion Ratio Lower Upper
43 100
58 31.5 25.7 38.5



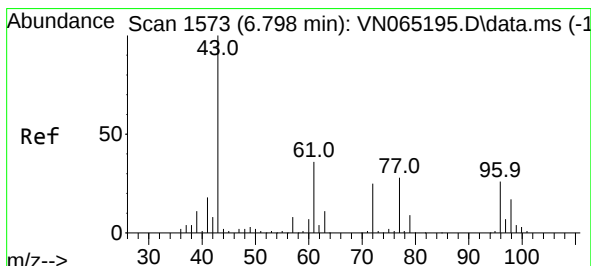
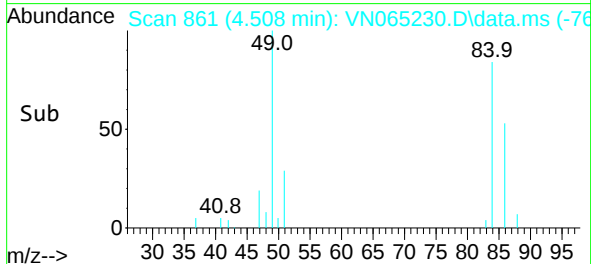
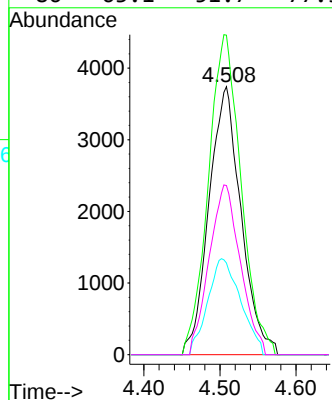


#20
Methylene Chloride
Concen: 4.30 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

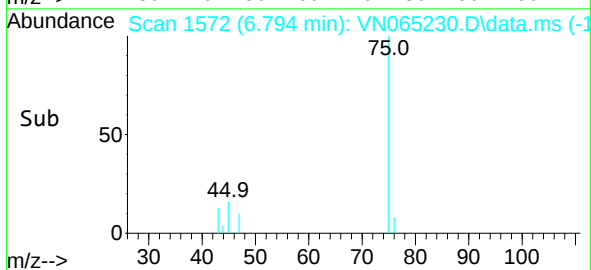
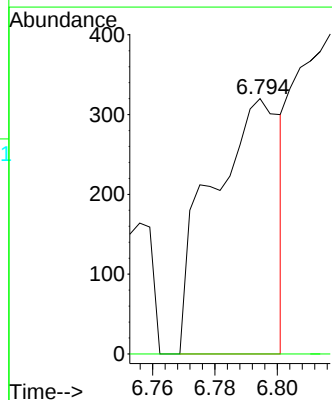
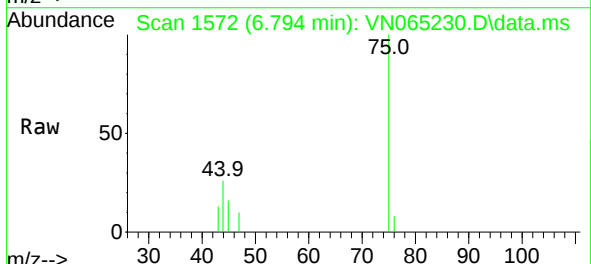


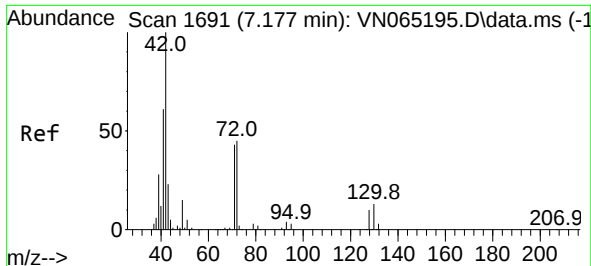
Tgt Ion:	84	Resp:	10955
Ion	Ratio	Lower	Upper
84	100		
49	119.2	93.4	140.0
51	34.2	28.2	42.4
86	63.1	51.7	77.5



#25
2-Butanone
Concen: 0.33 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. -0.004 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion:	43	Resp:	486
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#





#29

Tetrahydrofuran

Concen: 0.52 ug/l

RT: 7.177 min Scan# 1691

Delta R.T. 0.000 min

Lab File: VN065230.D

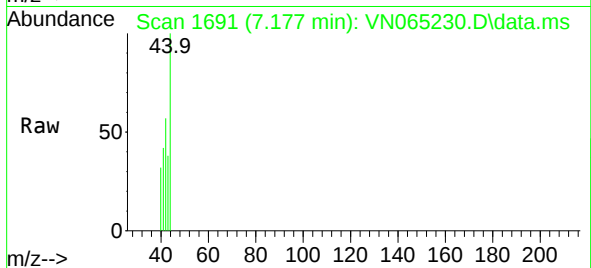
Acq: 23 Dec 2020 13:10

Instrument :

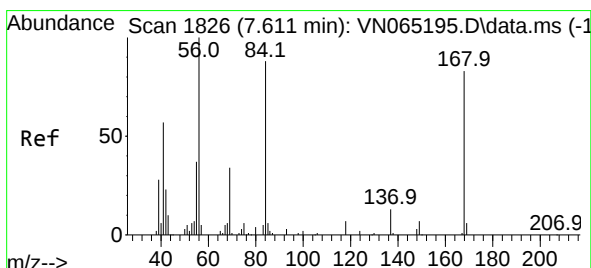
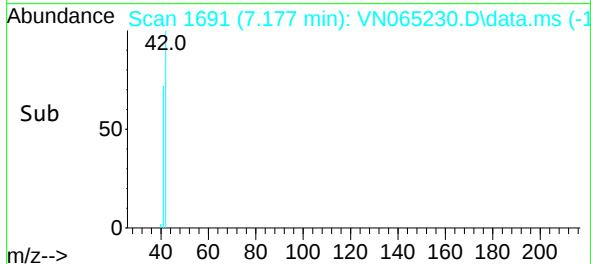
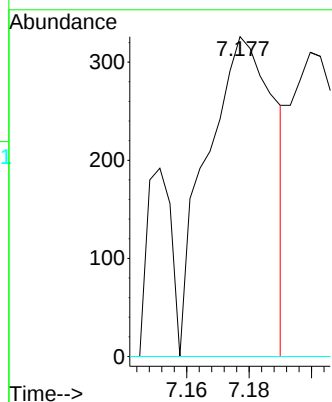
MSVOA_N

ClientSampleId :

PB133767ZHE#13



Tgt Ion:	42	Resp:	491
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.13 ug/l

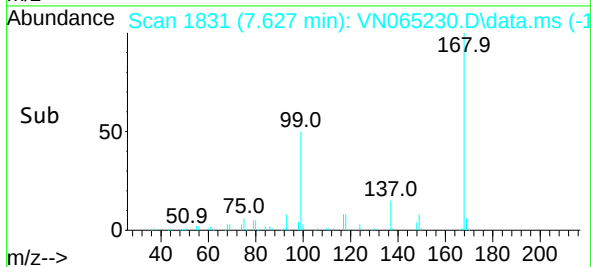
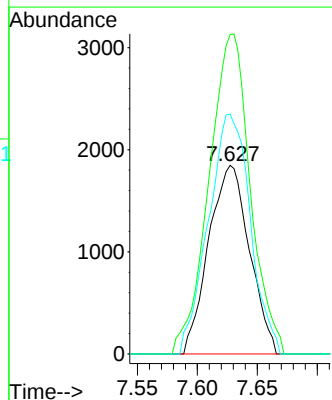
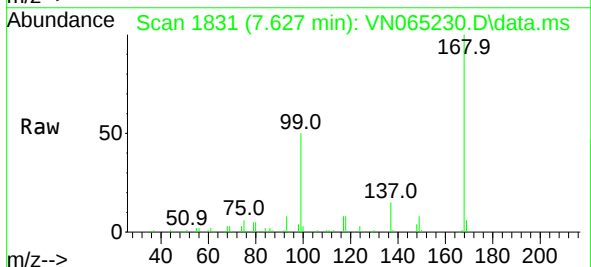
RT: 7.627 min Scan# 1831

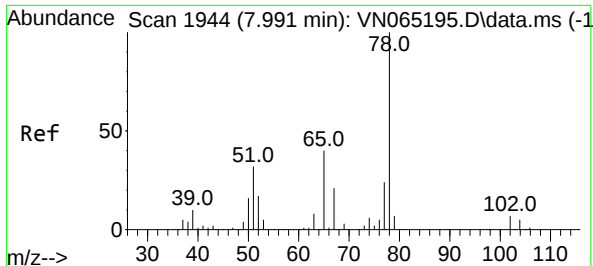
Delta R.T. 0.016 min

Lab File: VN065230.D

Acq: 23 Dec 2020 13:10

Tgt Ion:	56	Resp:	4357
Ion	Ratio	Lower	Upper
56	100		
69	160.2	27.5	41.3#
84	127.2	73.9	110.9#

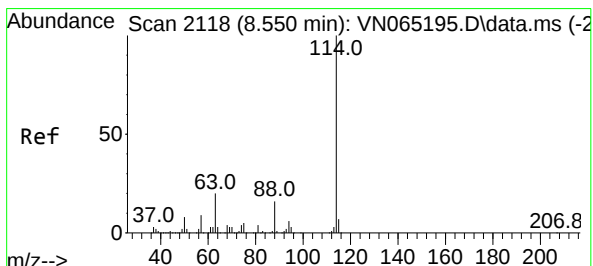
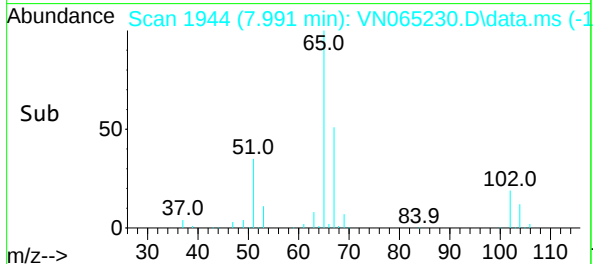
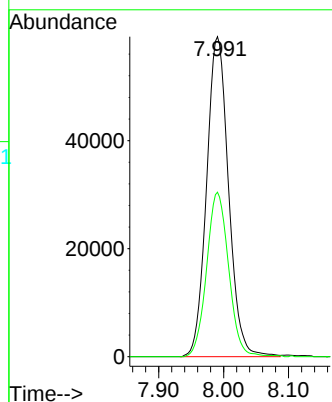
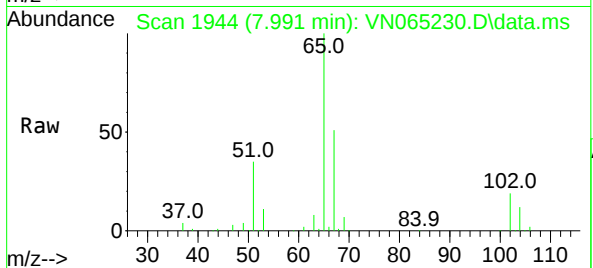




#33
1,2-Dichloroethane-d4
Concen: 53.28 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

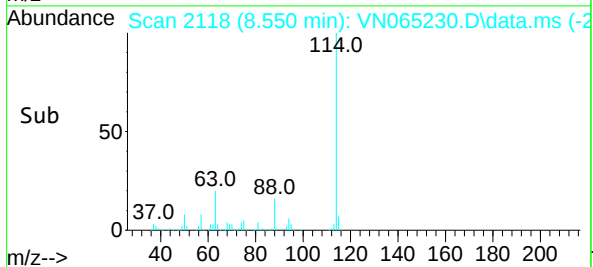
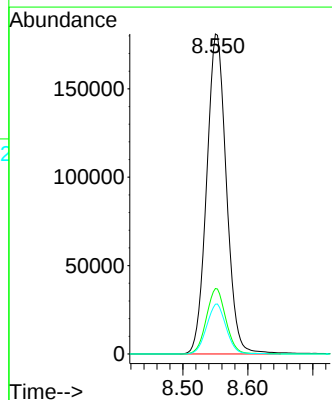
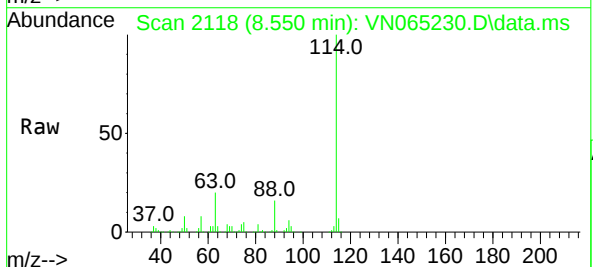
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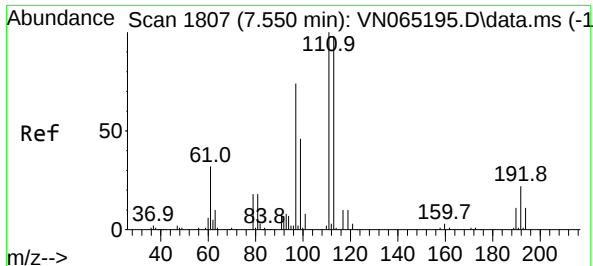
Tgt Ion: 65 Resp: 139269
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 114 Resp: 381746
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 15.5 0.0 32.6

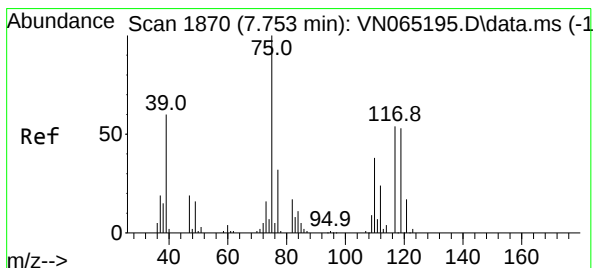
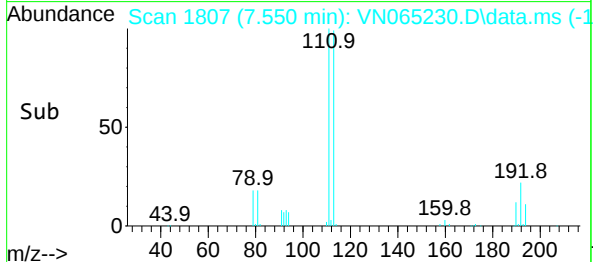
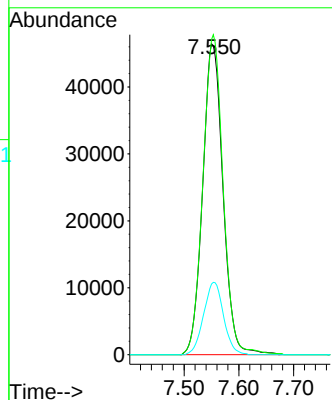
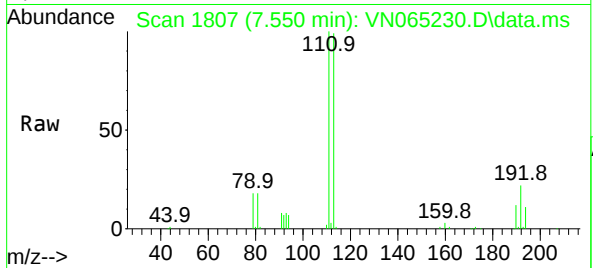




#35
Dibromofluoromethane
Concen: 52.05 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

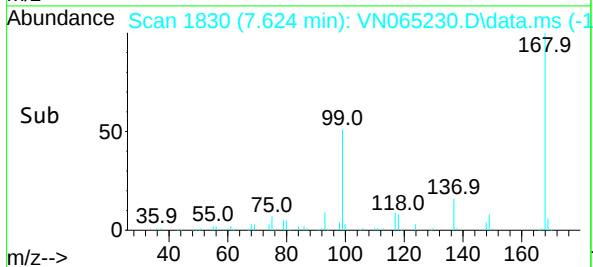
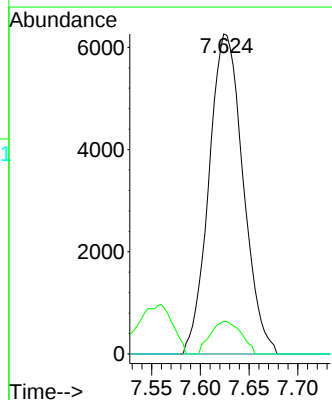
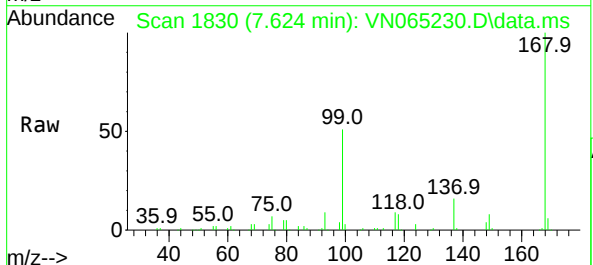
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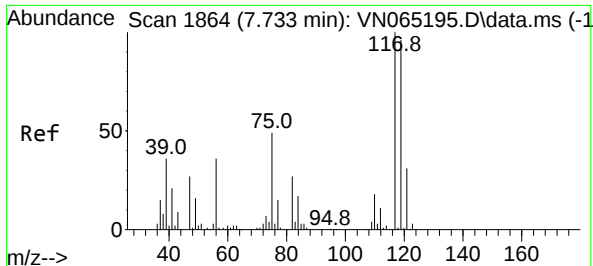
Tgt Ion:113 Resp: 119866
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 22.9 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

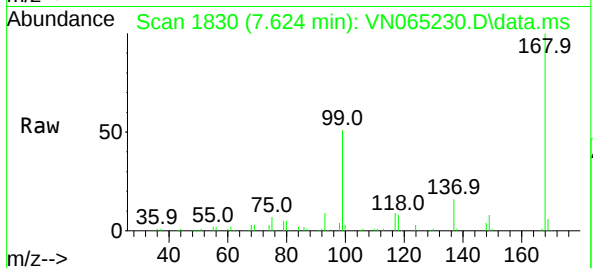
Tgt Ion: 75 Resp: 15269
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



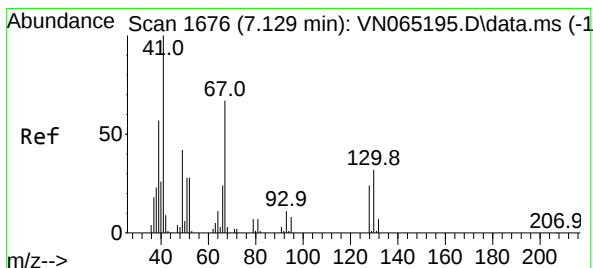
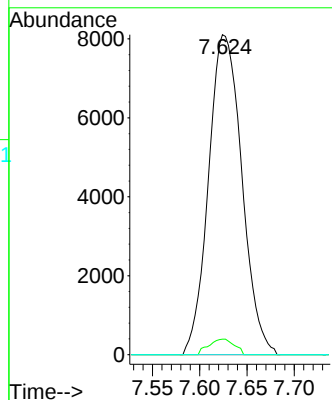
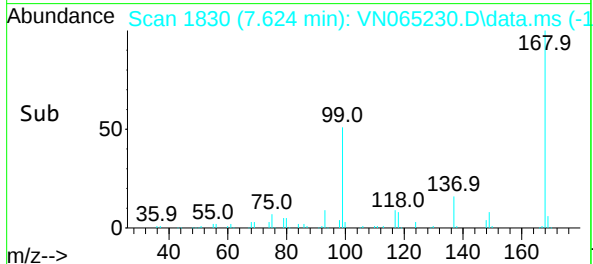


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

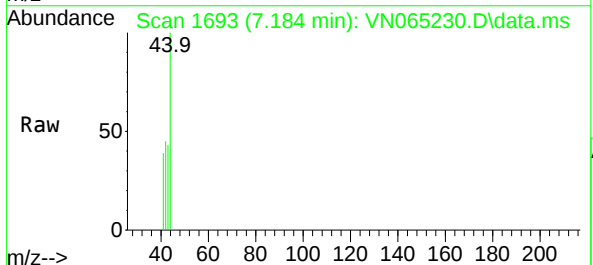
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13



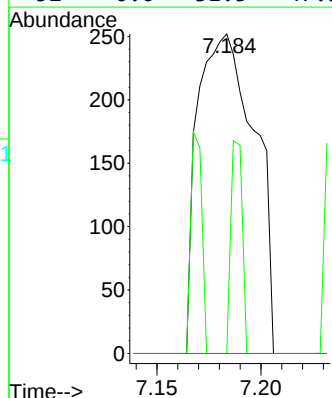
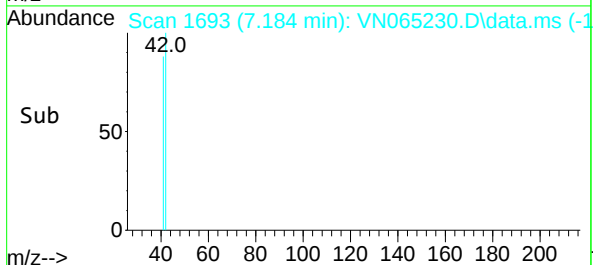
Tgt Ion:117 Resp: 19882
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#

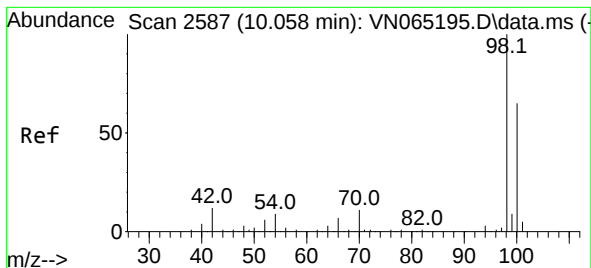


#41
Methacrylonitrile
Concen: 0.27 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.055 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10



Tgt Ion: 41 Resp: 479
Ion Ratio Lower Upper
41 100
39 13.4 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#

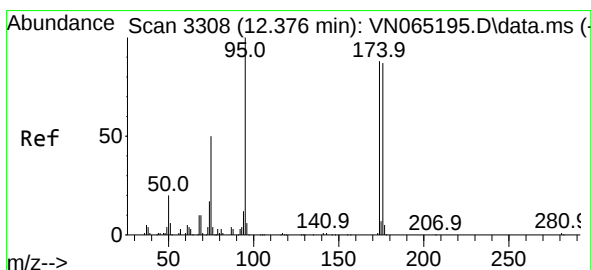
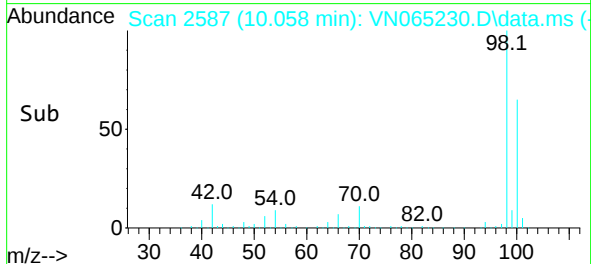
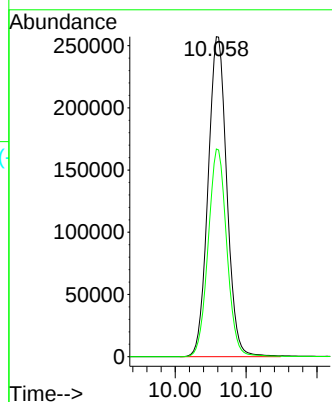
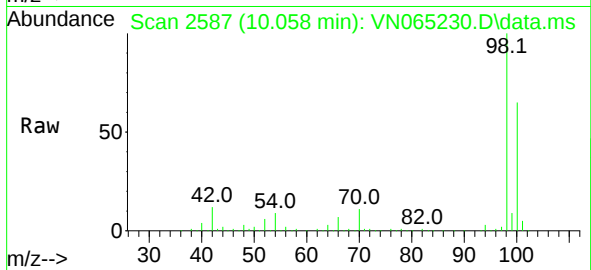




#50
Toluene-d8
Concen: 54.75 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

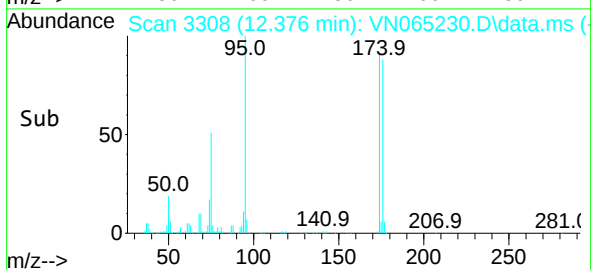
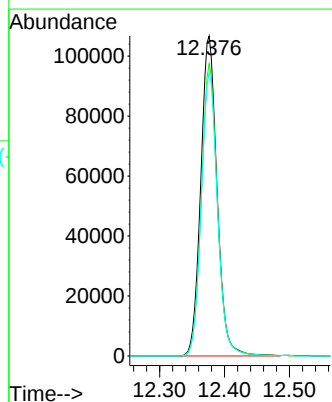
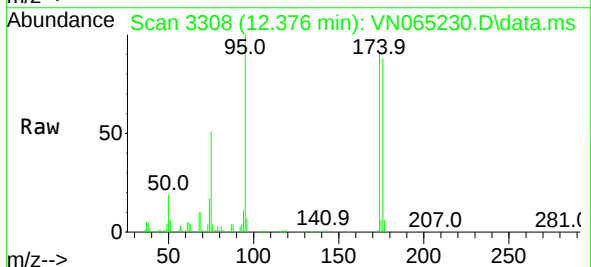
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

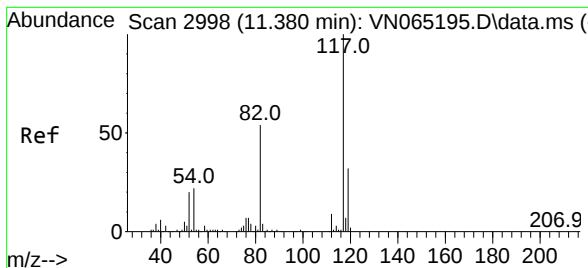
Tgt Ion: 98 Resp: 472610
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.30 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 95 Resp: 187031
Ion Ratio Lower Upper
95 100
174 90.0 0.0 160.4
176 88.0 0.0 158.4

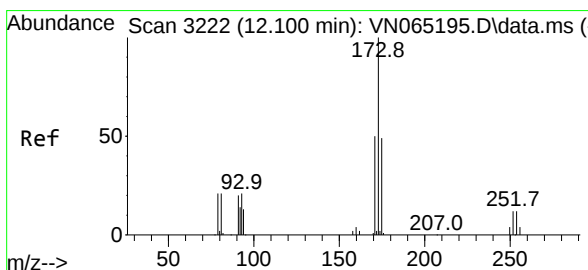
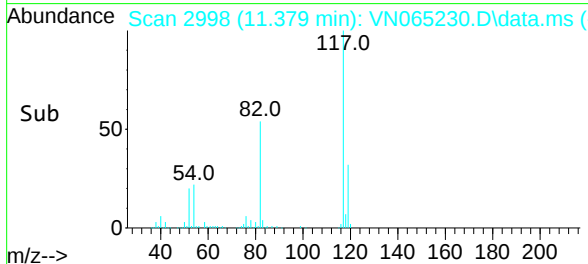
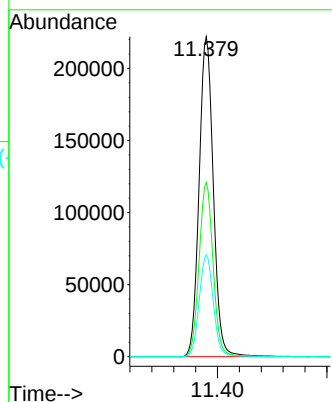
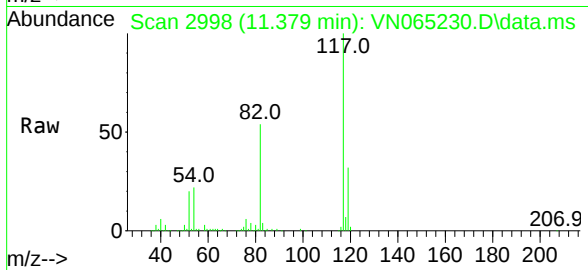




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

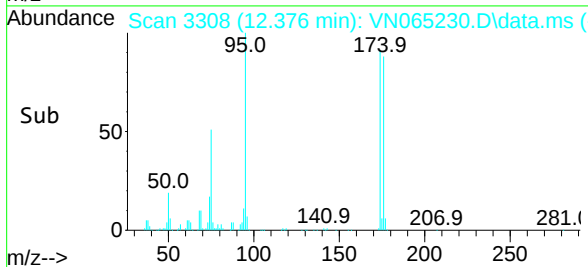
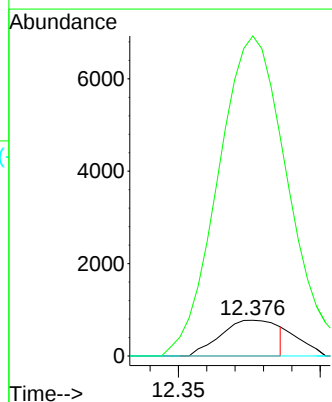
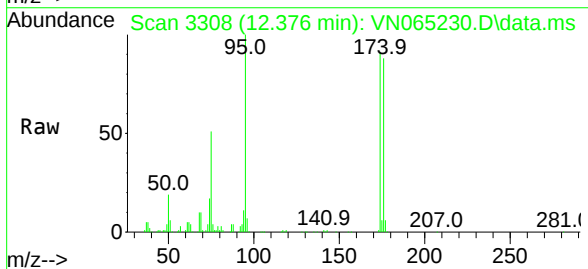
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

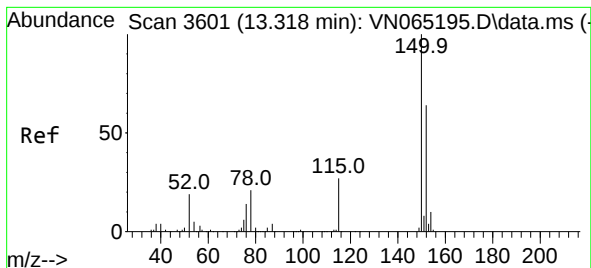
Tgt Ion:117 Resp: 399548
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion:173 Resp: 1087
Ion Ratio Lower Upper
173 100
175 902.2 24.3 72.8#
254 0.0 0.0 0.0

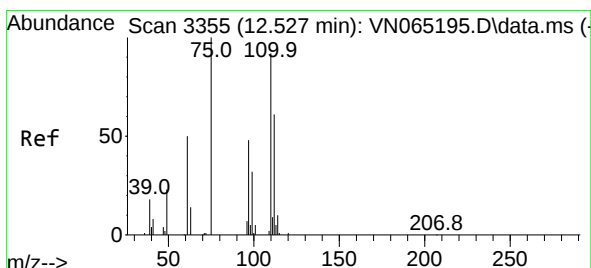
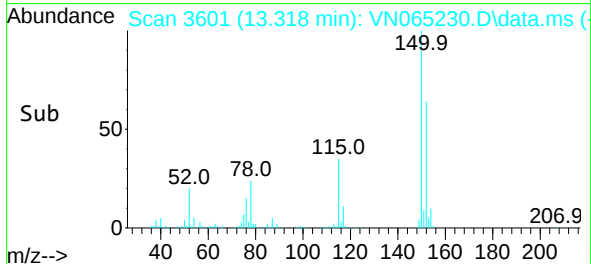
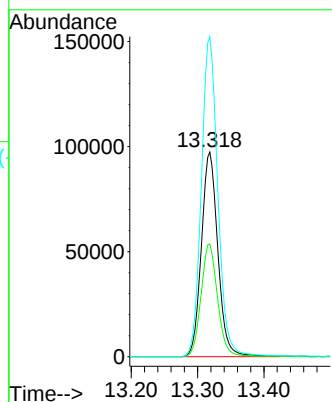
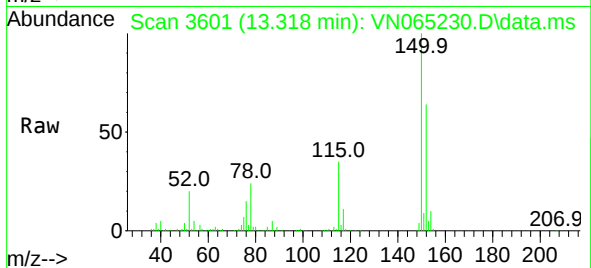




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

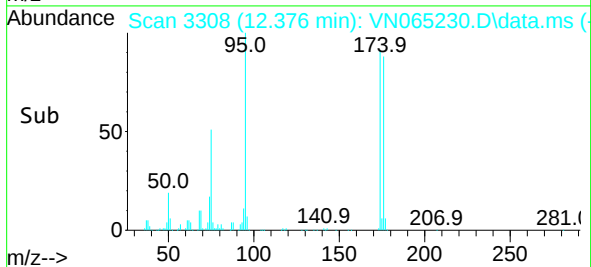
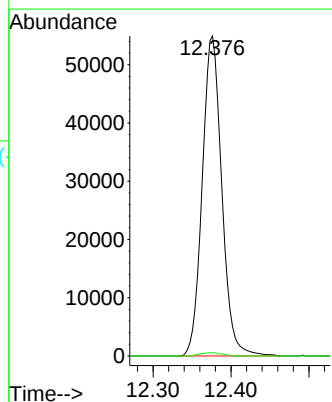
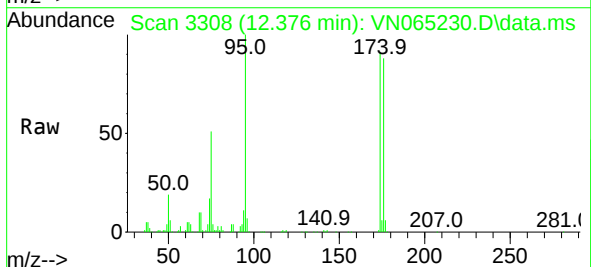
Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

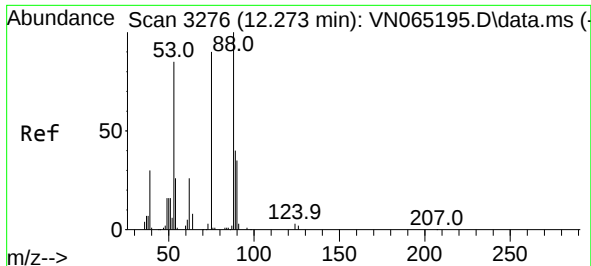
Tgt Ion:152 Resp: 168023
Ion Ratio Lower Upper
152 100
115 55.1 29.7 89.1
150 156.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.93 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 75 Resp: 95747
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

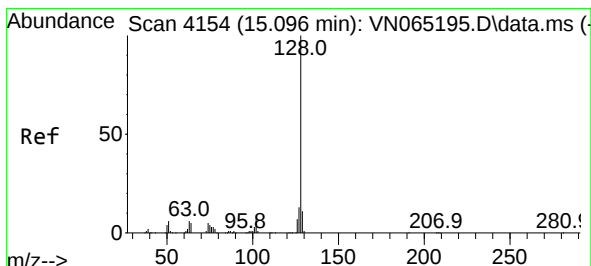
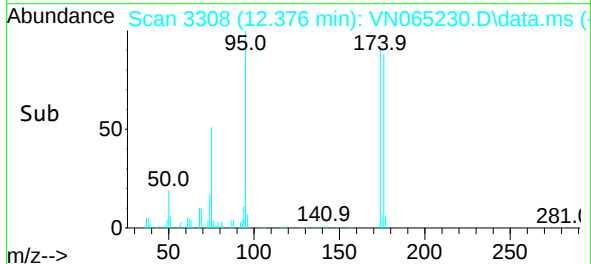
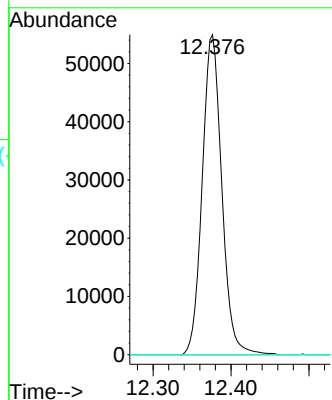
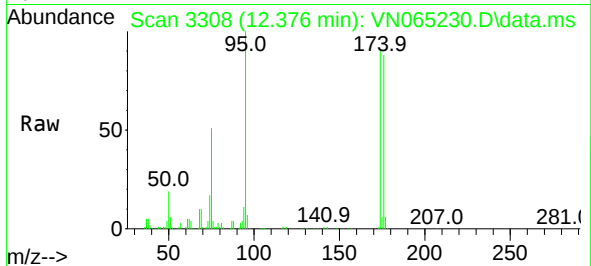




#81
trans-1,4-Dichloro-2-butene
Concen: 70.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
PB133767ZHE#13

Tgt Ion: 75 Resp: 95747
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.38 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065230.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 128 Resp: 58
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

