

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065297.D
 Acq On : 29 Dec 2020 10:47
 Operator : JC/MD
 Sample : VN1229WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBL01

Quant Time: Dec 30 00:53:44 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)

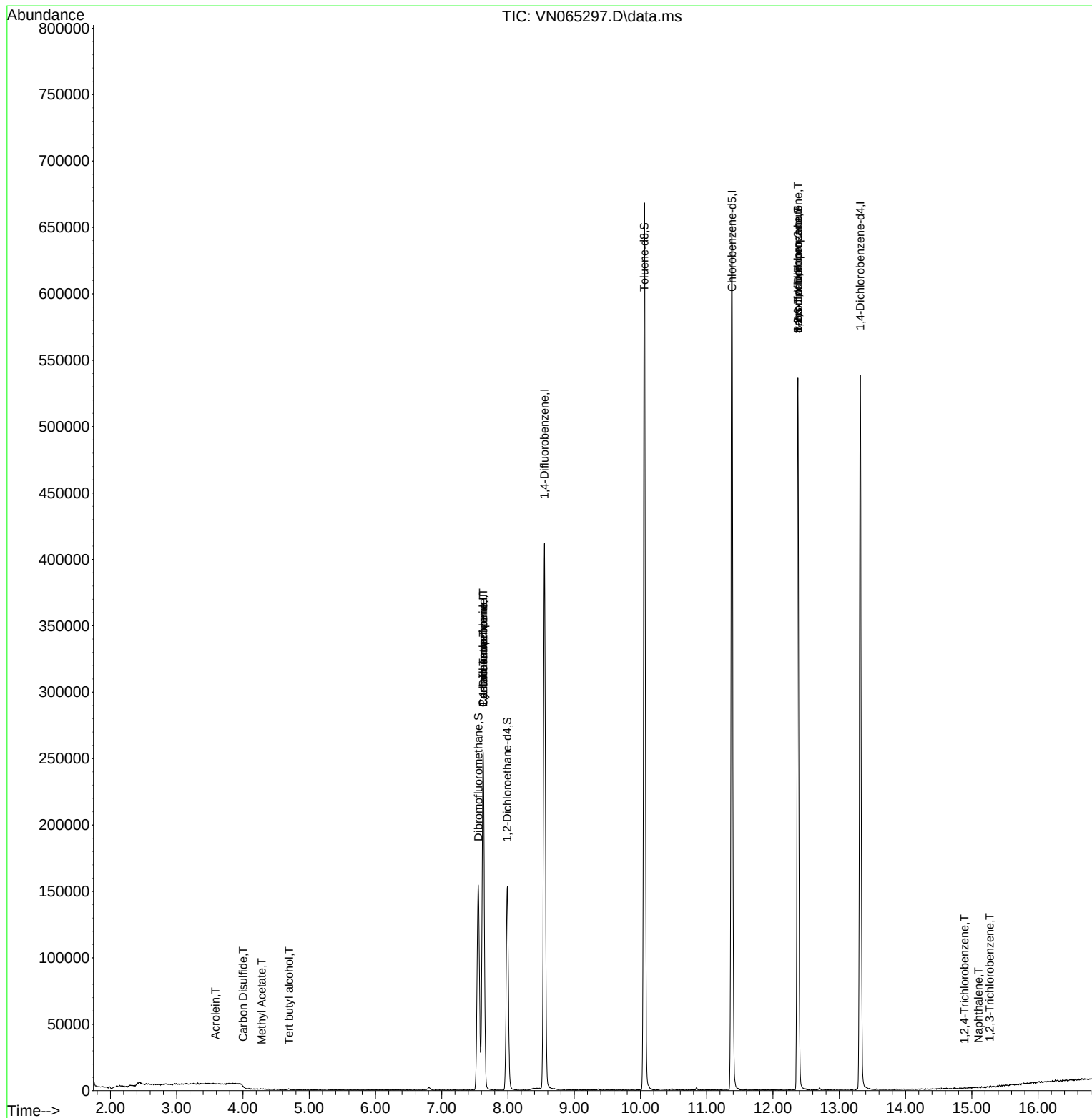
Internal Standards						
1) Pentafluorobenzene	7.624	168	232326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	386260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	405420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	164143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	134037	51.10	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 102.20%		
35) Dibromofluoromethane	7.553	113	119601	51.32	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 102.64%		
50) Toluene-d8	10.058	98	480067	54.97	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 109.94%		
62) 4-Bromofluorobenzene	12.376	95	185287	53.27	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 106.54%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.695	59	198	0.46	ug/l #	73
13) Acrolein	3.586	56	31	2.52	ug/l #	1
16) Acetone	3.901	43	113	Below Cal	#	43
17) Carbon Disulfide	4.004	76	1252	0.21	ug/l #	75
18) Methyl Acetate	4.284	43	1329	0.56	ug/l #	50
31) Cyclohexane	7.624	56	3883	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14835	4.22	ug/l #	50
38) Carbon Tetrachloride	7.624	117	19339	5.24	ug/l #	17
71) Bromoform	12.376	173	1102	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	91406	27.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	91406	68.83	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.888	180	132	2.87	ug/l #	82
95) Naphthalene	15.103	128	296	3.40	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.270	180	157	3.27	ug/l #	65

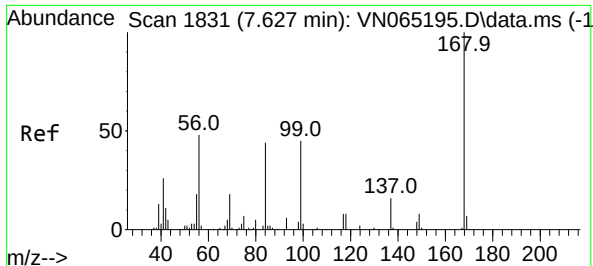
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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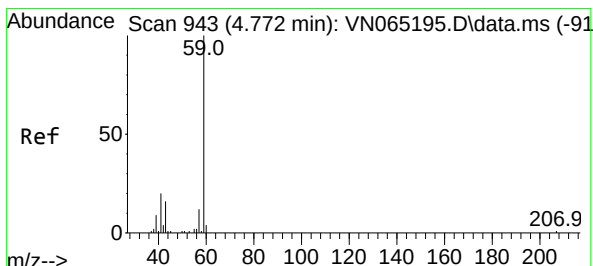
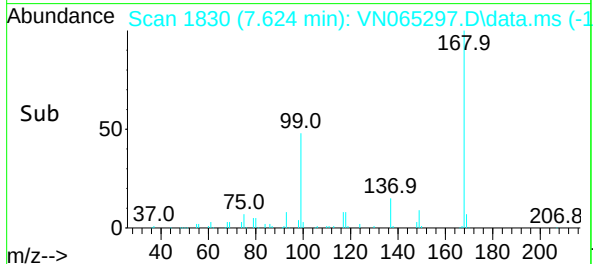
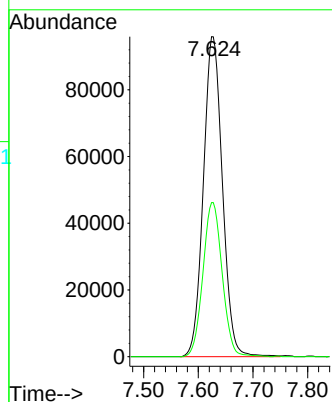
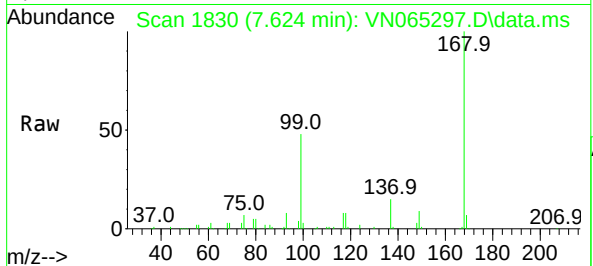




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

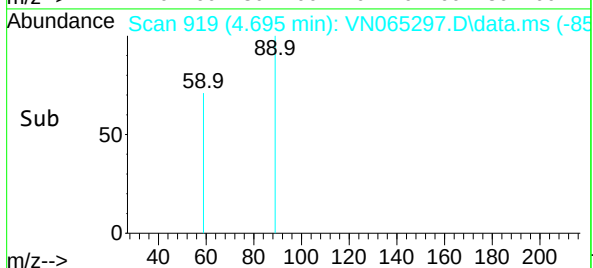
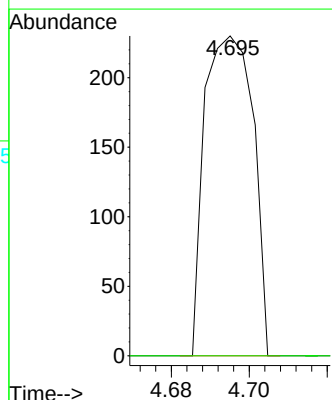
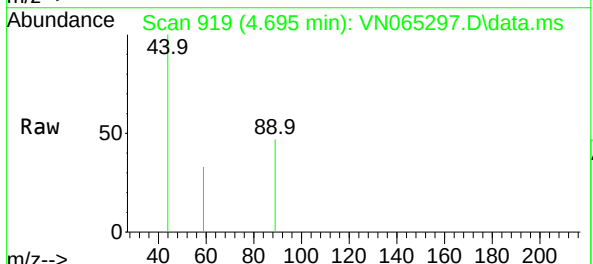
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

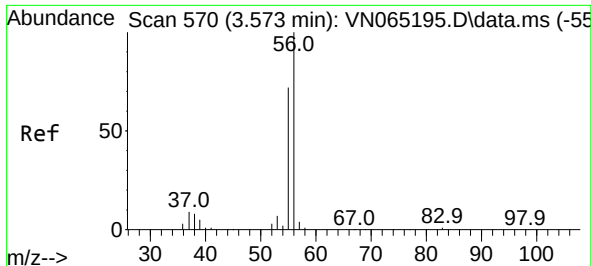
Tgt Ion:168 Resp: 232326
Ion Ratio Lower Upper
168 100
99 48.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 4.695 min Scan# 919
Delta R.T. -0.077 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

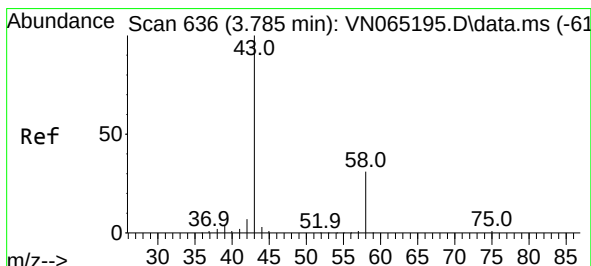
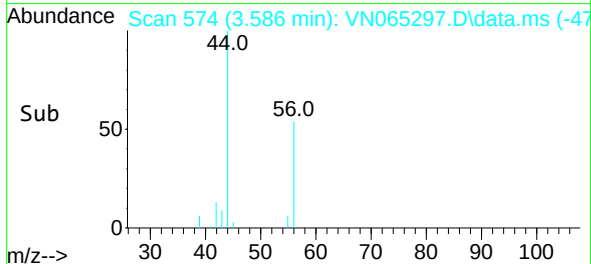
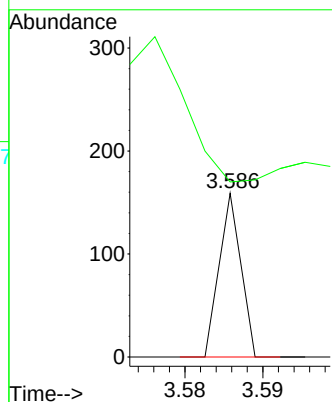
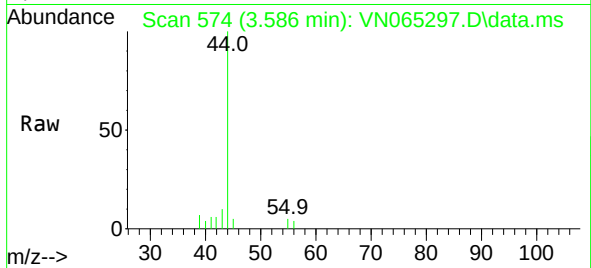




#13
Acrolein
Concen: 2.52 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.013 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

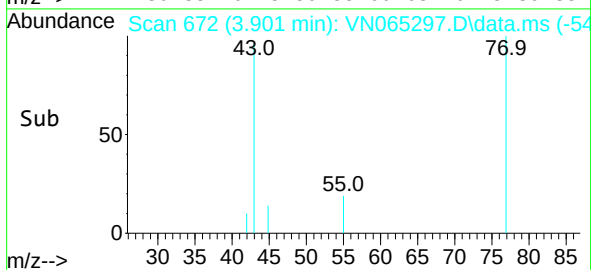
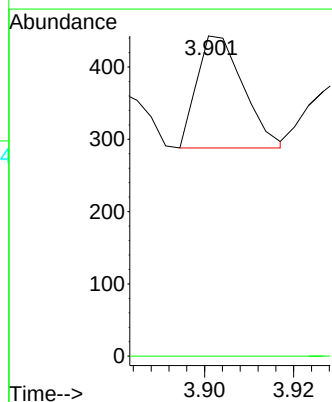
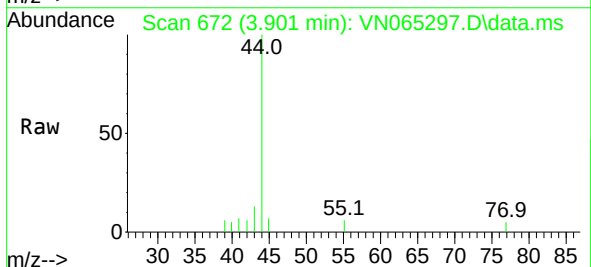
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

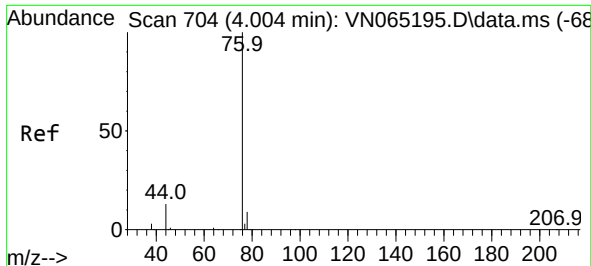
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 1100.0 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.901 min Scan# 672
Delta R.T. 0.116 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

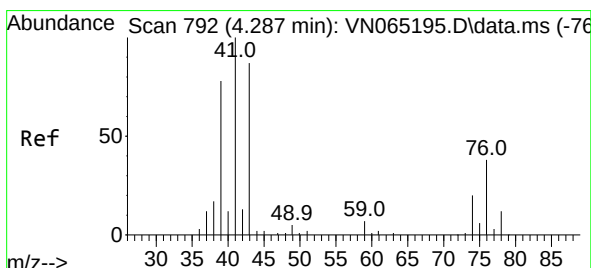
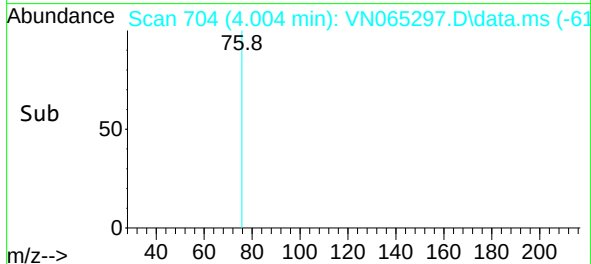
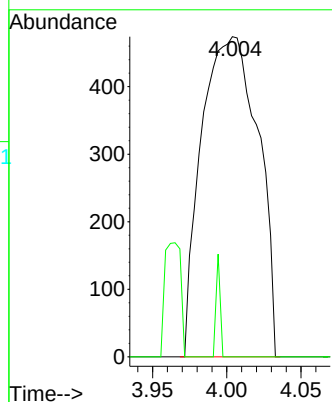
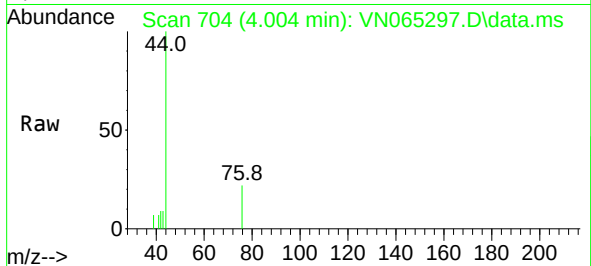




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.000 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

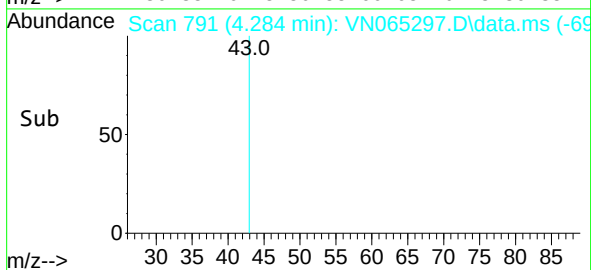
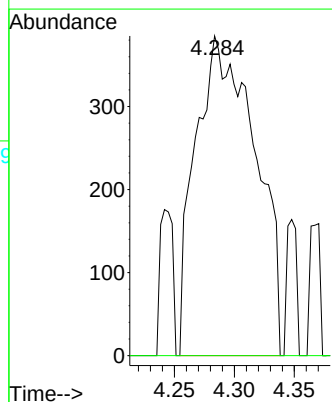
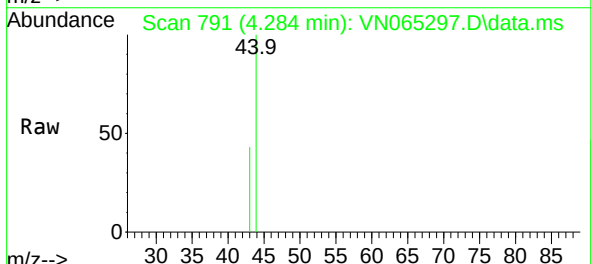
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

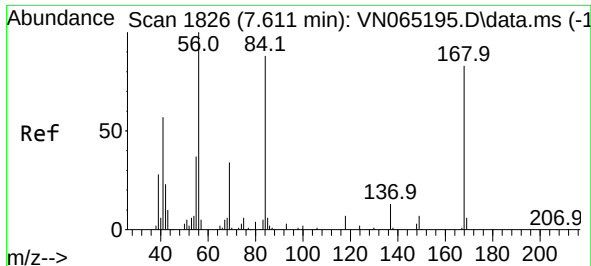
Tgt Ion: 76 Resp: 1252
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.56 ug/l
RT: 4.284 min Scan# 791
Delta R.T. -0.003 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

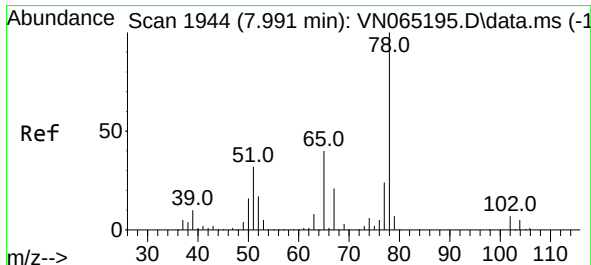
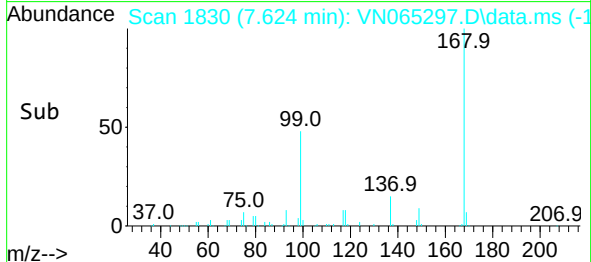
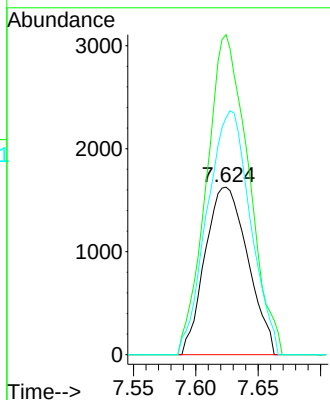
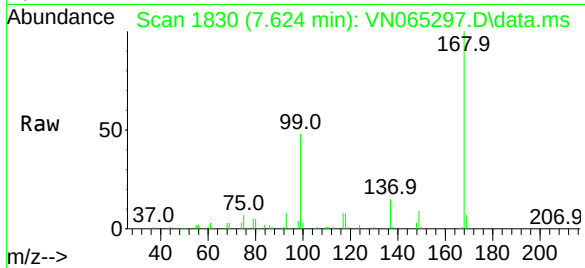




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

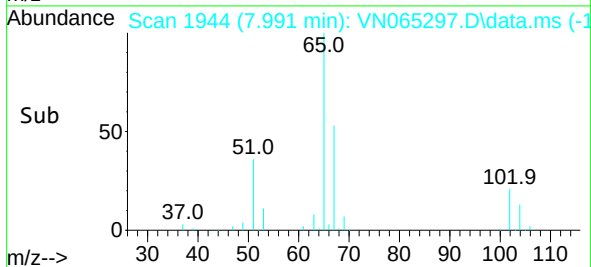
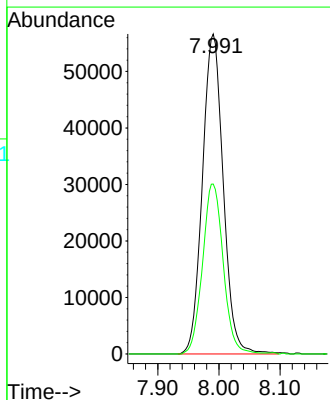
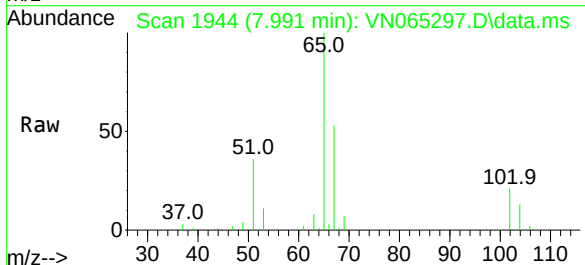
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

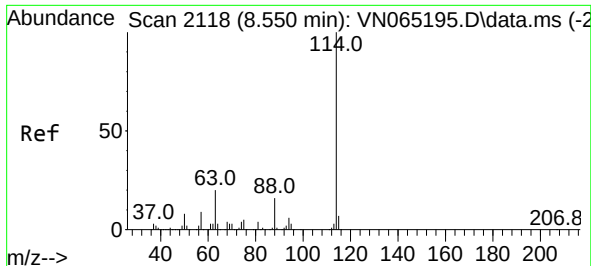
Tgt Ion: 56 Resp: 3883
Ion Ratio Lower Upper
56 100
69 191.0 27.5 41.3#
84 141.4 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.10 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion: 65 Resp: 134037
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

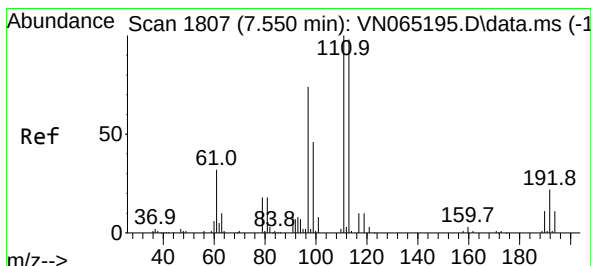
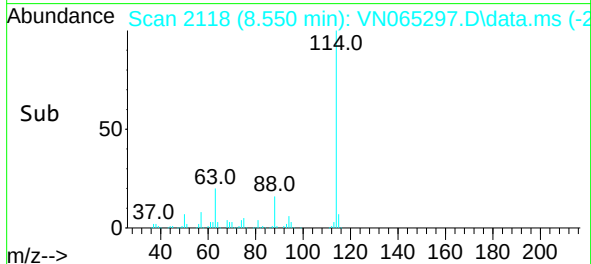
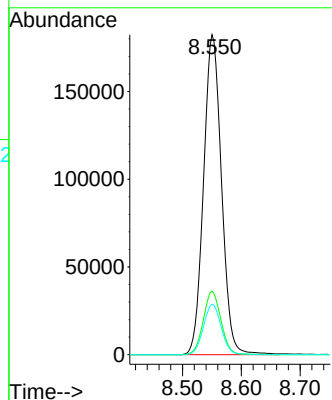
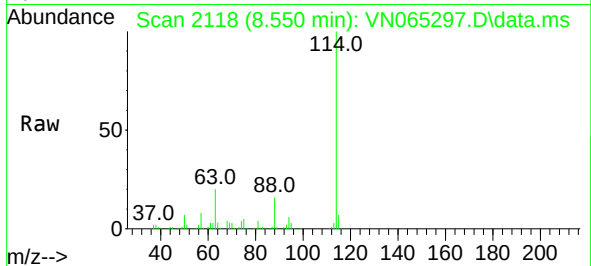




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

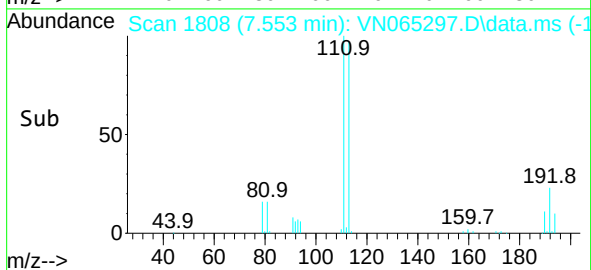
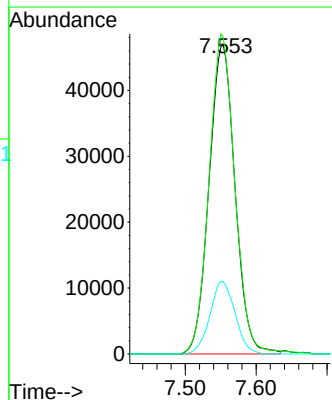
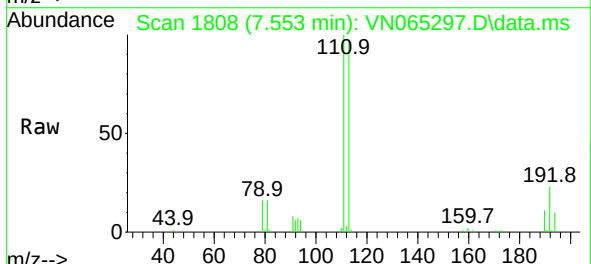
Instrument :
MSVOA_N
ClientSampleId :
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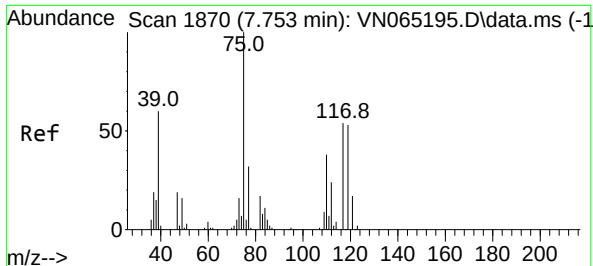
Tgt Ion:114	Resp:	386260
Ion	Ratio	Lower Upper
114	100	
63	19.8	0.0 38.6
88	15.8	0.0 32.6



#35
Dibromofluoromethane
Concen: 51.32 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion:113	Resp:	119601
Ion	Ratio	Lower Upper
113	100	
111	102.7	81.6 122.4
192	22.6	16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.22 ug/l

RT: 7.624 min Scan# 1830

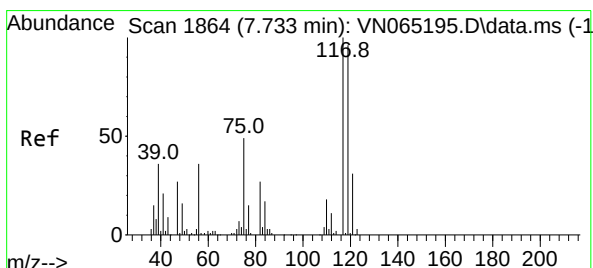
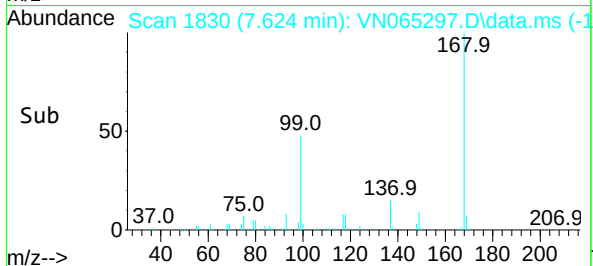
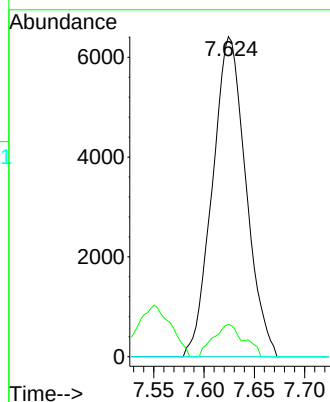
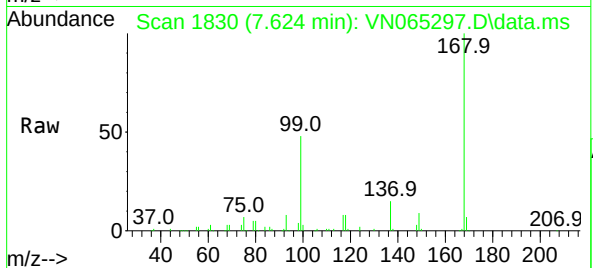
Delta R.T. -0.129 min

Lab File: VN065297.D

Acq: 29 Dec 2020 10:47

Tgt Ion:	75	Resp:	14835
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.3#
77	0.0	25.0	37.4#

Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01



#38

Carbon Tetrachloride

Concen: 5.24 ug/l

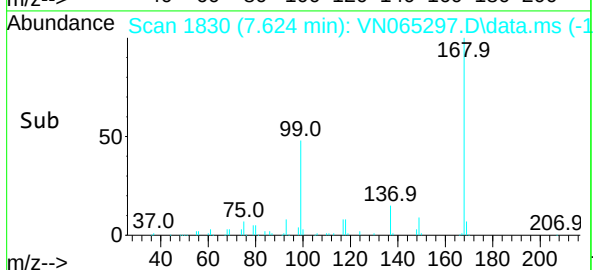
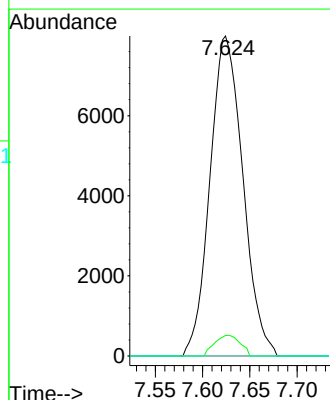
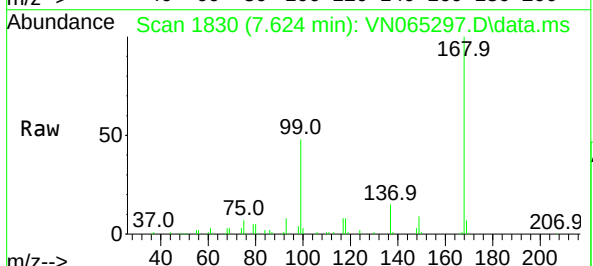
RT: 7.624 min Scan# 1830

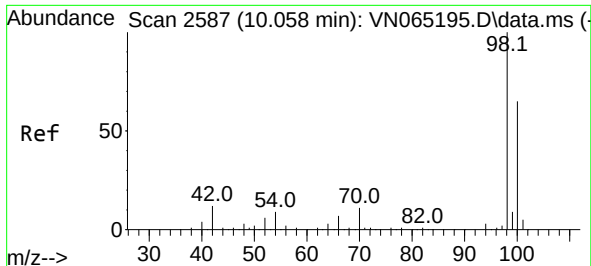
Delta R.T. -0.109 min

Lab File: VN065297.D

Acq: 29 Dec 2020 10:47

Tgt Ion:	117	Resp:	19339
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.7	115.1#
121	0.0	25.4	38.2#

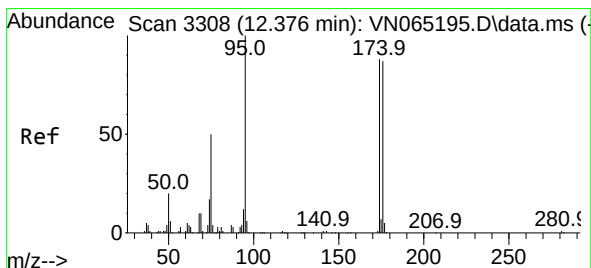
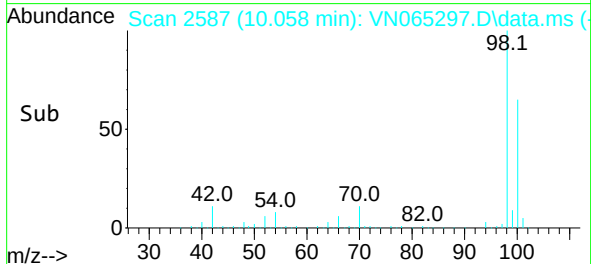
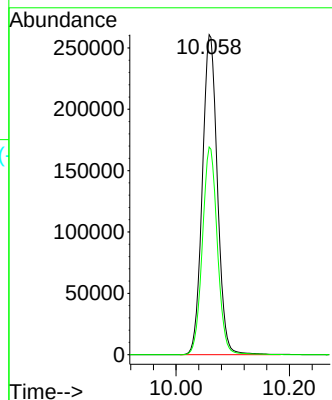
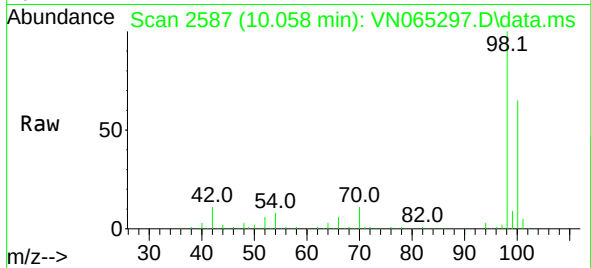




#50
Toluene-d8
Concen: 54.97 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

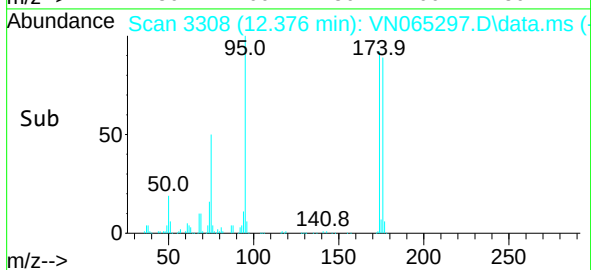
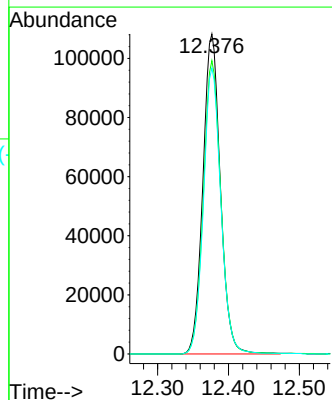
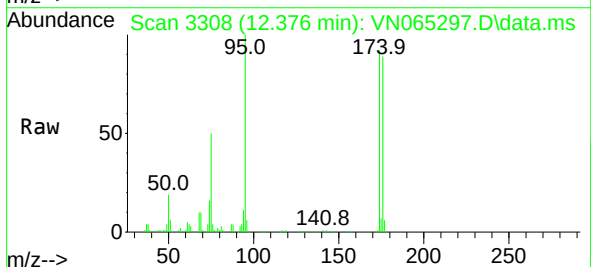
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

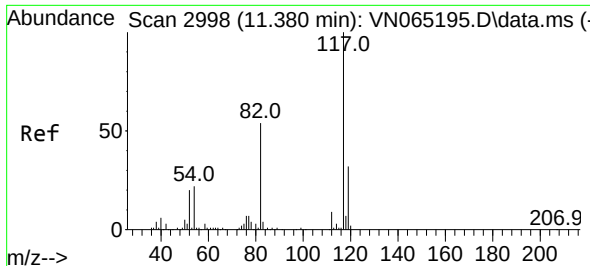
Tgt Ion: 98 Resp: 480067
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.27 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion: 95 Resp: 185287
Ion Ratio Lower Upper
95 100
174 91.9 0.0 160.4
176 89.1 0.0 158.4

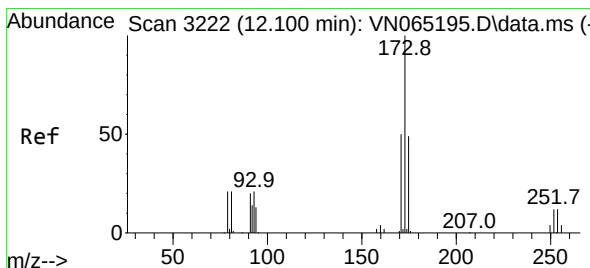
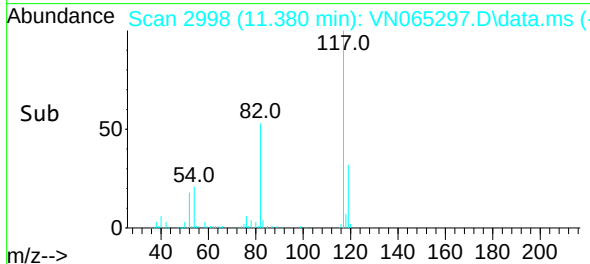
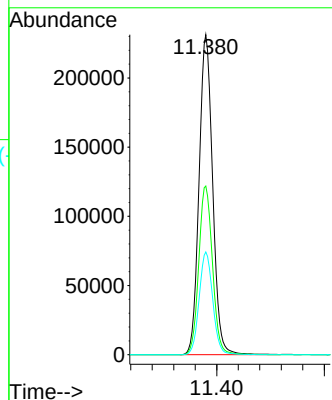
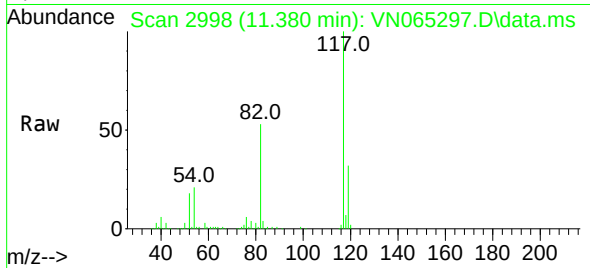




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

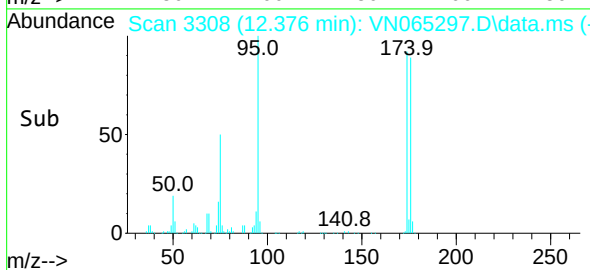
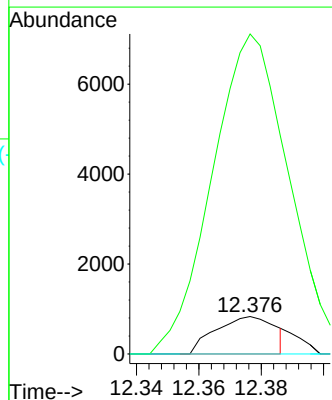
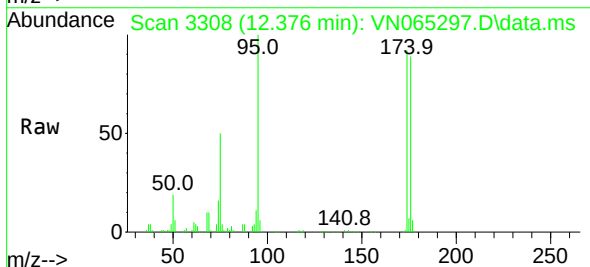
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

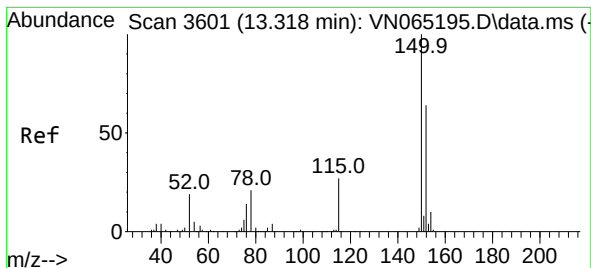
Tgt Ion:117 Resp: 405420
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion:173 Resp: 1102
Ion Ratio Lower Upper
173 100
175 910.7 24.3 72.8#
254 0.0 0.0 0.0

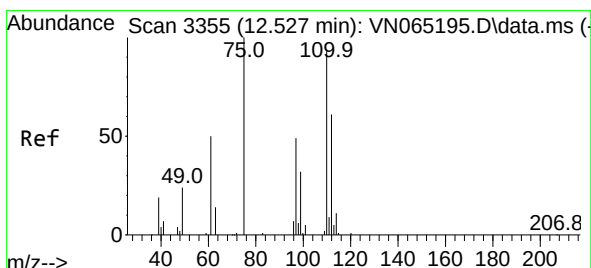
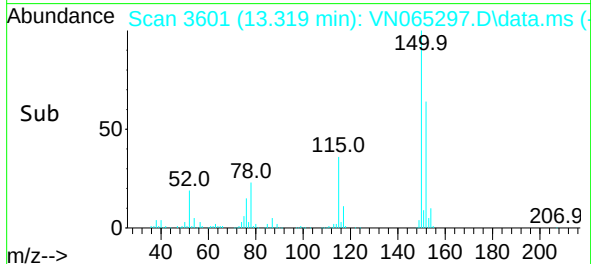
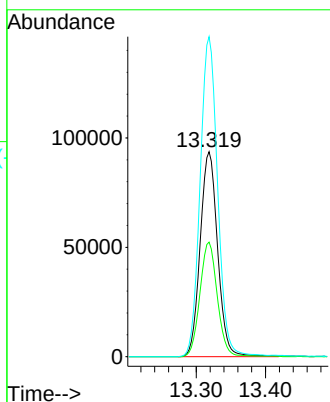
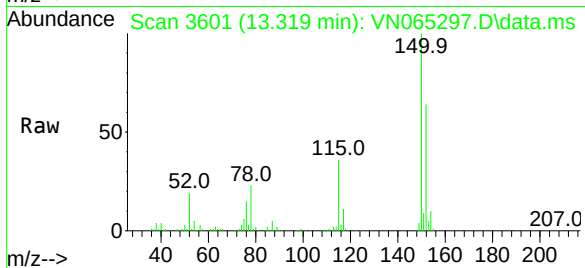




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.319 min Scan# 3601
Delta R.T. 0.001 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

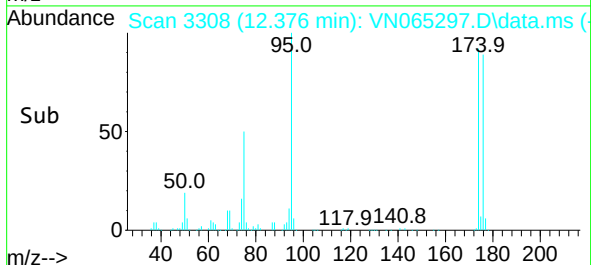
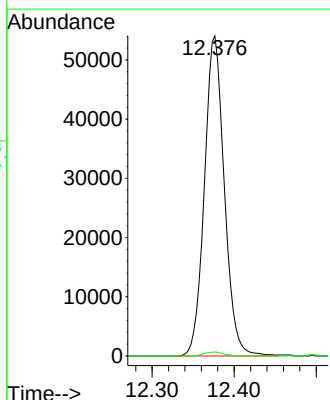
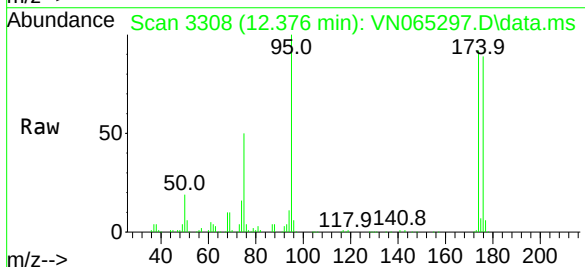
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

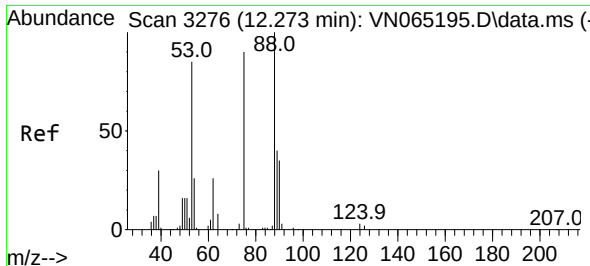
Tgt Ion:152 Resp: 164143
Ion Ratio Lower Upper
152 100
115 55.8 29.7 89.1
150 156.0 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.30 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

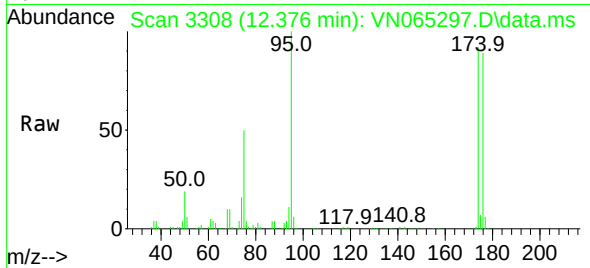
Tgt Ion: 75 Resp: 91406
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



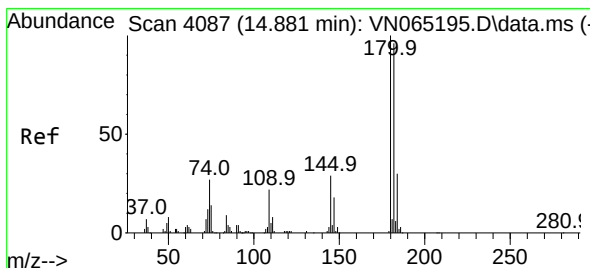
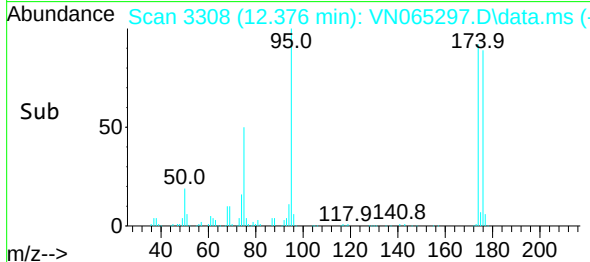
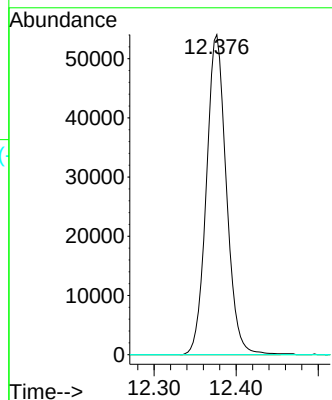


#81
trans-1,4-Dichloro-2-butene
Concen: 68.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

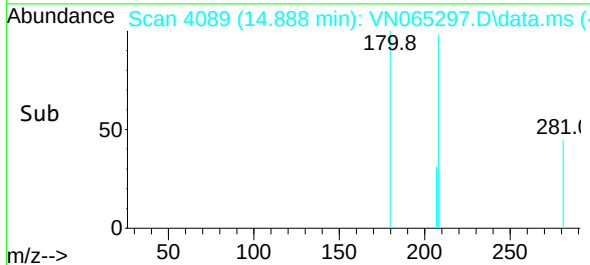
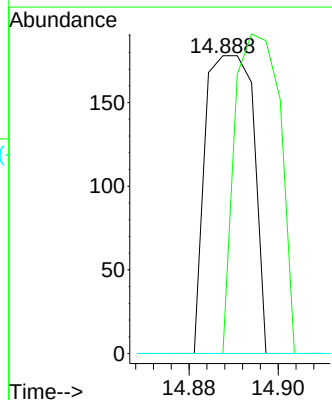
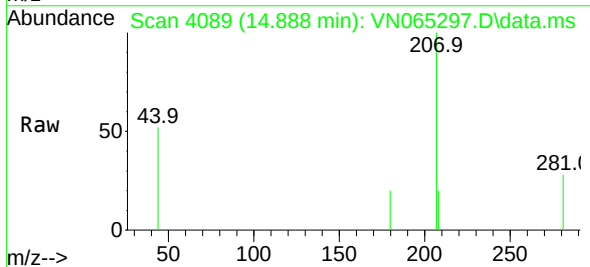


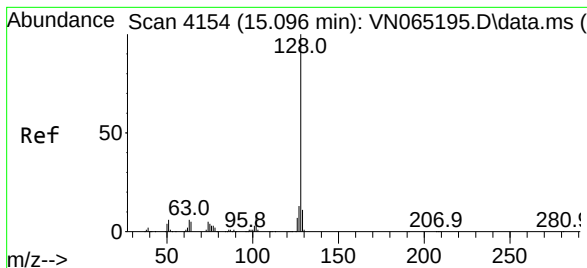
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.4#
89	0.0	39.6	59.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.87 ug/l
RT: 14.888 min Scan# 4089
Delta R.T. 0.007 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	47.6	142.9
145	0.0	15.3	45.8#

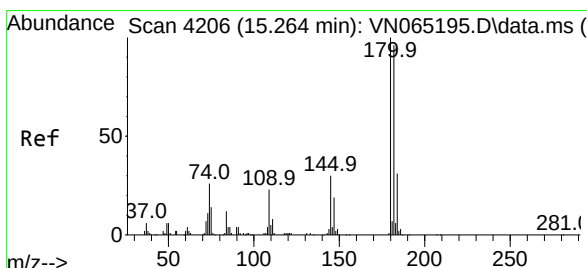
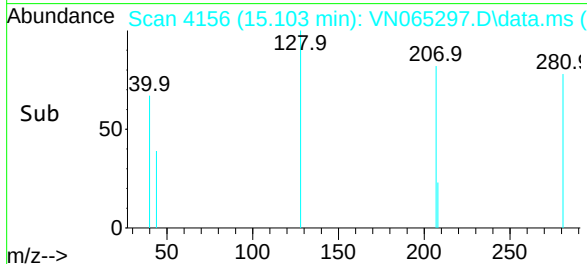
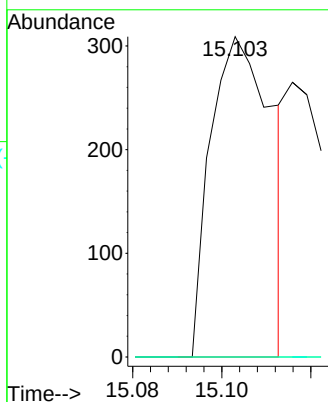
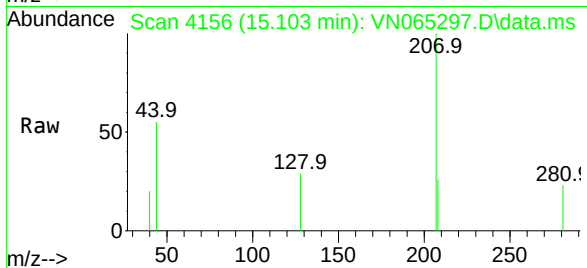




#95
Naphthalene
Concen: 3.40 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

Tgt Ion:128 Resp: 296
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.27 ug/l
RT: 15.270 min Scan# 4208
Delta R.T. 0.006 min
Lab File: VN065297.D
Acq: 29 Dec 2020 10:47

Tgt Ion:180 Resp: 157
Ion Ratio Lower Upper
180 100
182 70.1 48.1 144.4
145 0.0 16.4 49.1#

