

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065662.D
 Acq On : 28 Jan 2021 20:20
 Operator : JC/MD
 Sample : M1255-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-3

Quant Time: Jan 29 01:26:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	202869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	350973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	304602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	113185	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	125419	46.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.98%
35) Dibromofluoromethane	7.547	113	101755	48.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.84%
50) Toluene-d8	10.058	98	437097	53.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.92%
62) 4-Bromofluorobenzene	12.373	95	146340	49.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.42%

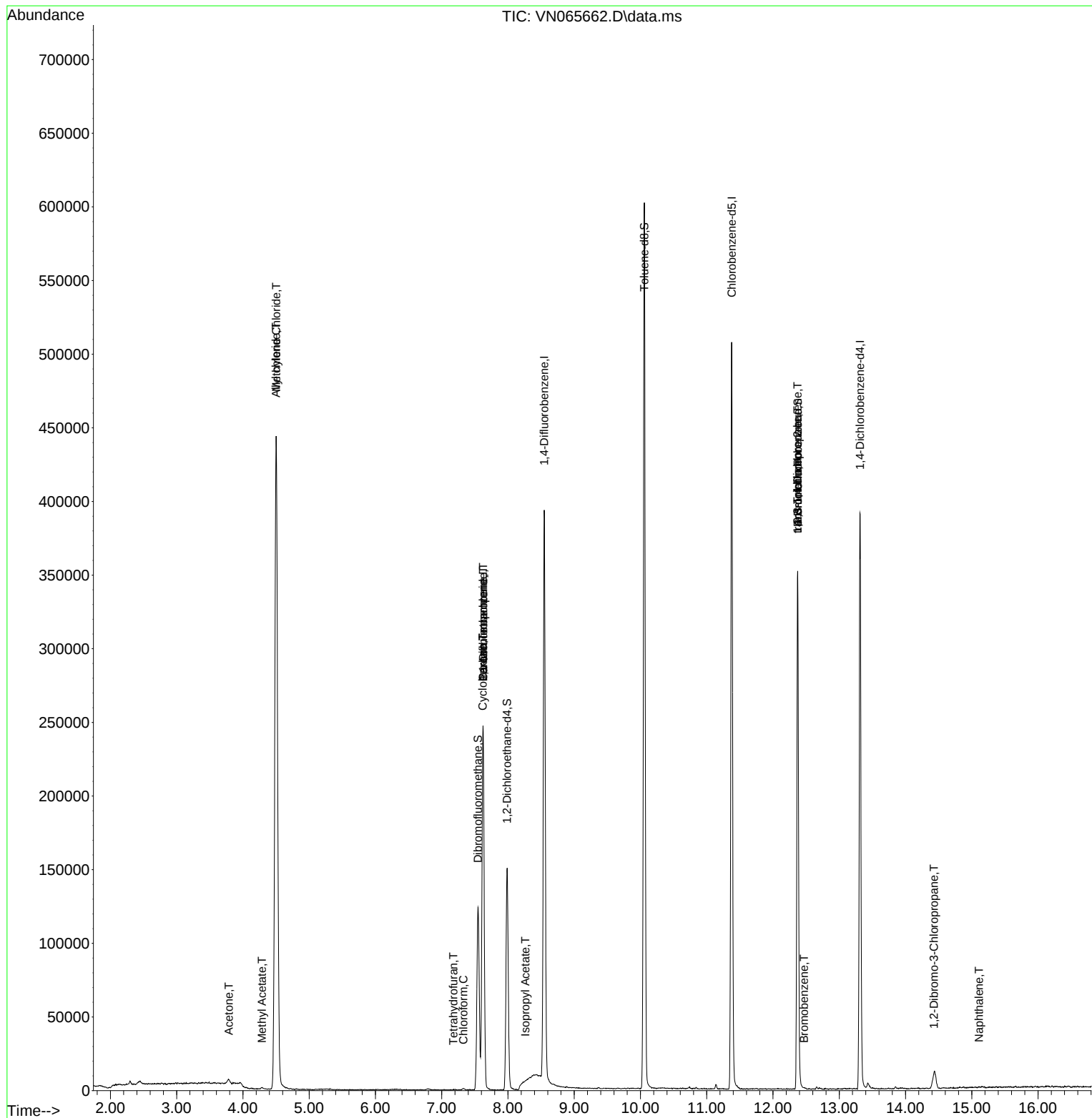
Target Compounds						Qvalue
14) Allyl chloride	4.499	41	13621	2.98	ug/l #	25
16) Acetone	3.785	43	4292	4.13	ug/l	94
18) Methyl Acetate	4.287	43	2970	1.02	ug/l #	60
20) Methylene Chloride	4.502	84	333068	115.76	ug/l	96
29) Tetrahydrofuran	7.177	42	241	0.20	ug/l #	32
30) Chloroform	7.325	83	1256	0.27	ug/l	97
31) Cyclohexane	7.618	56	4113	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15925	4.51	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19010	6.54	ug/l #	16
43) Isopropyl Acetate	8.264	43	9762	1.62	ug/l #	53
71) Bromoform	12.373	173	664	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	66455	22.45	ug/l #	100
77) Bromobenzene	12.469	156	747	0.35	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.370	75	66455	57.51	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.428	75	624	1.07	ug/l #	1
95) Naphthalene	15.109	128	101	3.46	ug/l #	69

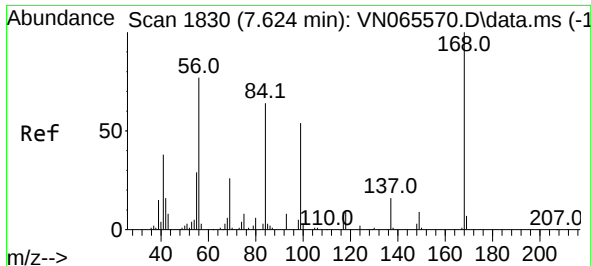
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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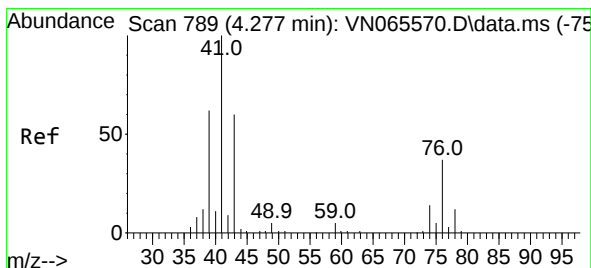
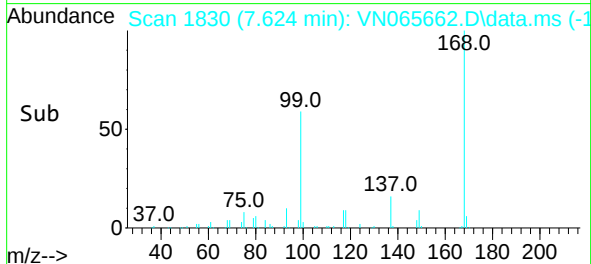
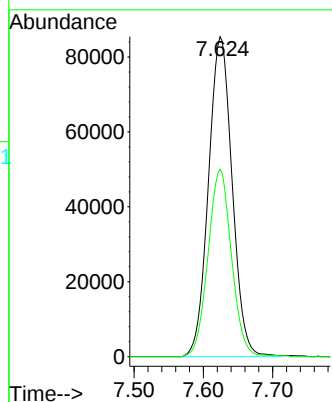
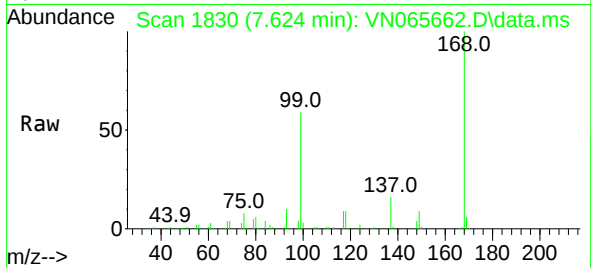




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

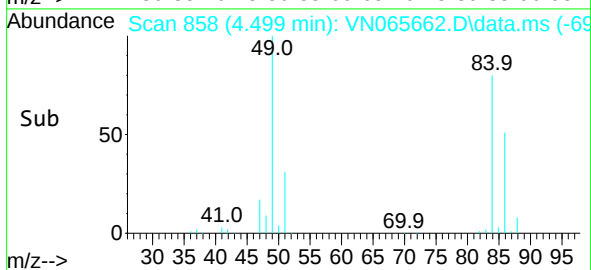
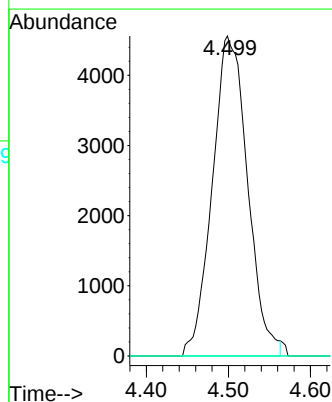
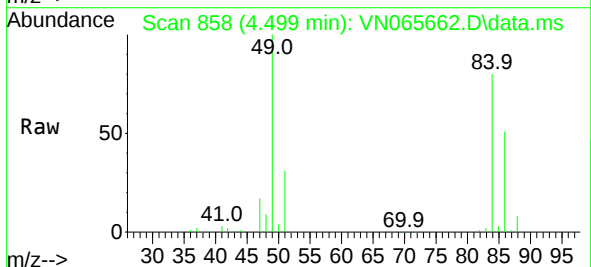
Instrument :
MSVOA_N
ClientSampled :
CRT-3

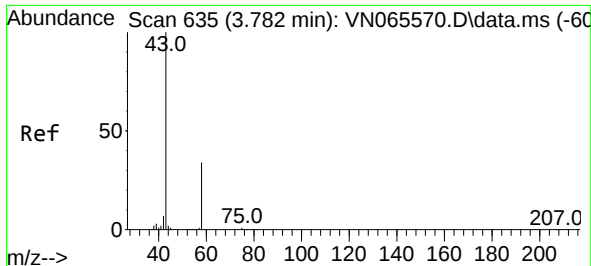
Tgt Ion:168 Resp: 202869
Ion Ratio Lower Upper
168 100
99 58.6 42.6 63.8



#14
Allyl chloride
Concen: 2.98 ug/l
RT: 4.499 min Scan# 858
Delta R.T. 0.222 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion: 41 Resp: 13621
Ion Ratio Lower Upper
41 100
39 0.0 53.0 79.4#
76 0.0 28.9 43.3#

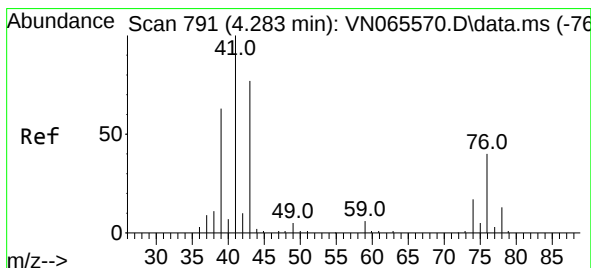
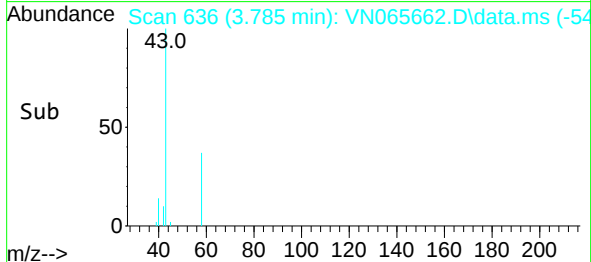
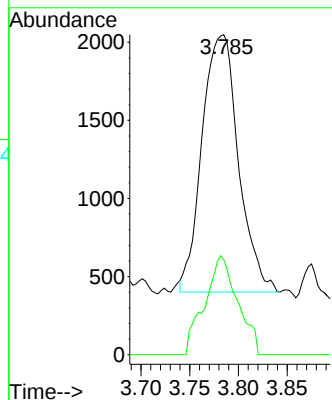
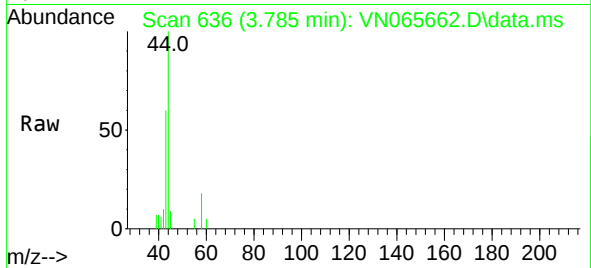




#16
Acetone
Concen: 4.13 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

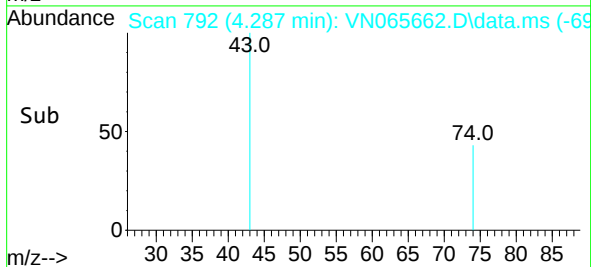
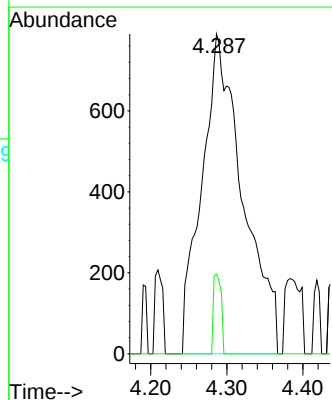
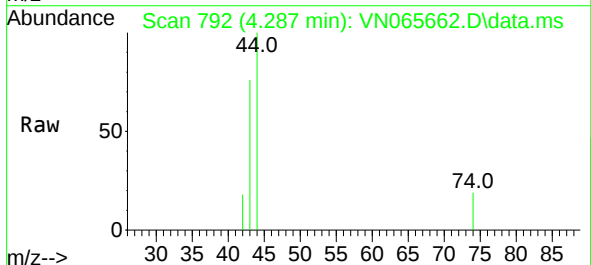
Instrument :
MSVOA_N
ClientSampled :
CRT-3

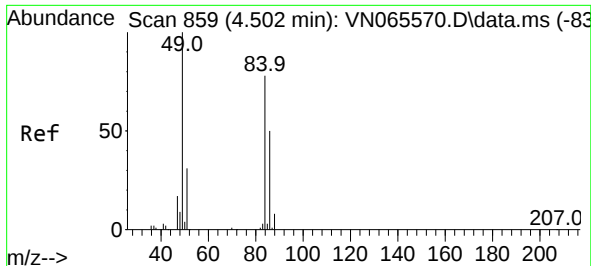
Tgt Ion: 43 Resp: 4292
Ion Ratio Lower Upper
43 100
58 37.1 27.0 40.6



#18
Methyl Acetate
Concen: 1.02 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.003 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

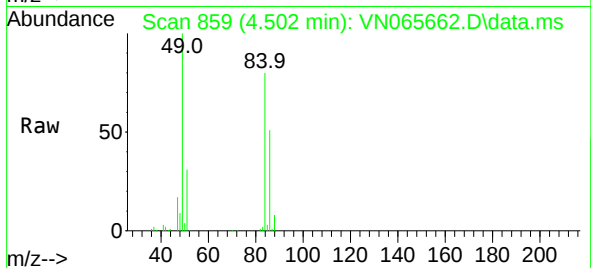
Tgt Ion: 43 Resp: 2970
Ion Ratio Lower Upper
43 100
74 4.7 19.5 29.3#





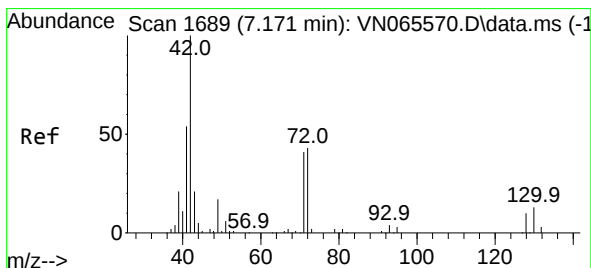
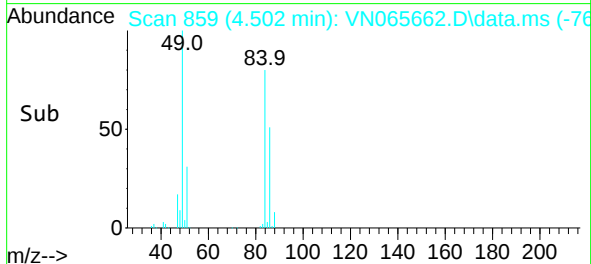
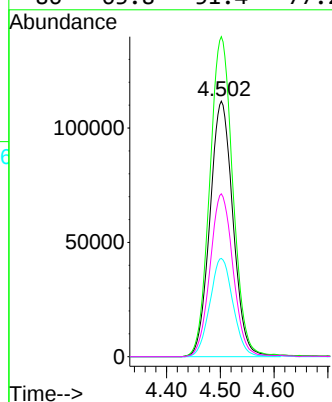
#20
Methylene Chloride
Concen: 115.76 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Instrument :
MSVOA_N
ClientSampleId :
CRT-3

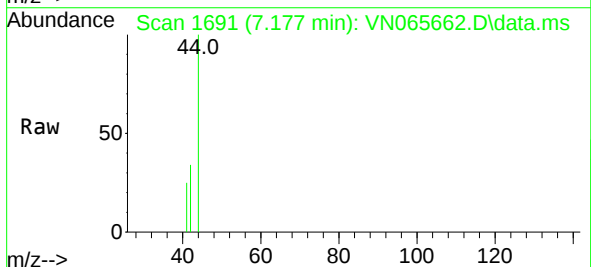


Tgt Ion: 84 Resp: 333068

Ion	Ratio	Lower	Upper
84	100		
49	125.2	94.6	141.8
51	38.4	29.9	44.9
86	63.8	51.4	77.2

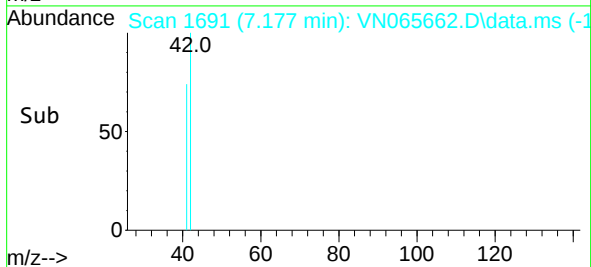
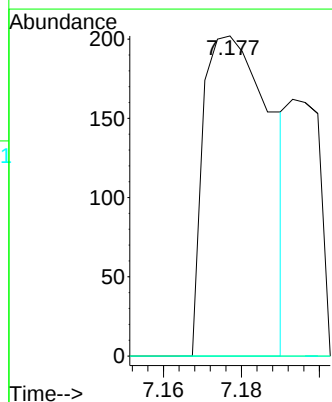


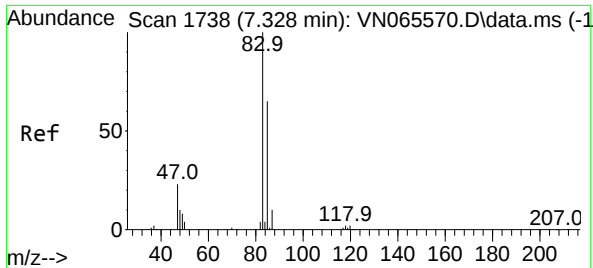
#29
Tetrahydrofuran
Concen: 0.20 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20



Tgt Ion: 42 Resp: 241

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

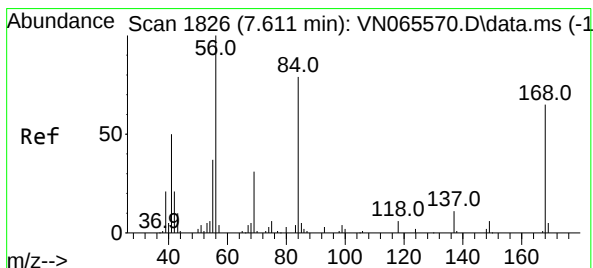
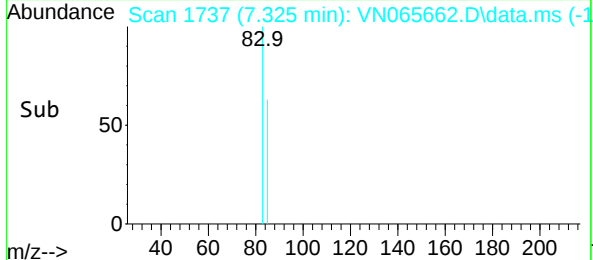
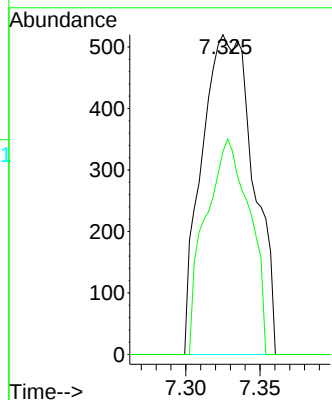
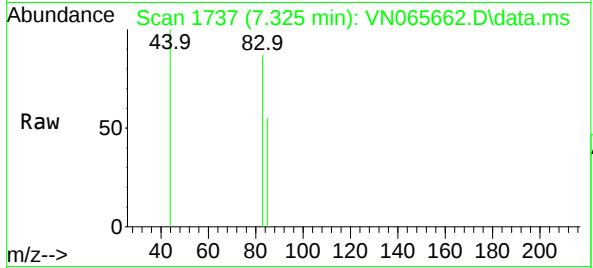




#30
Chloroform
Concen: 0.27 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

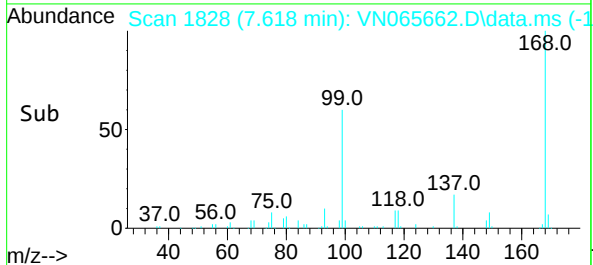
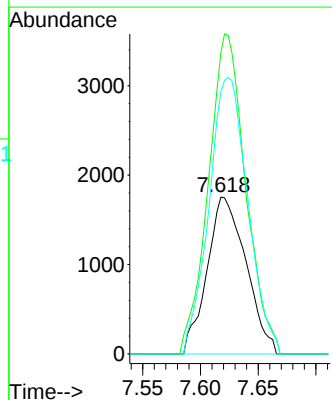
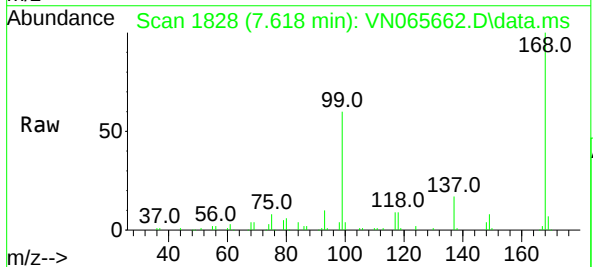
Instrument :
MSVOA_N
ClientSampled :
CRT-3

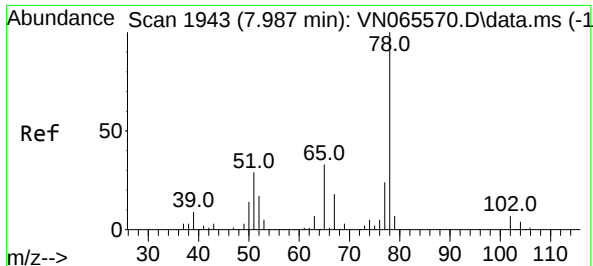
Tgt Ion: 83 Resp: 1256
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8



#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion: 56 Resp: 4113
Ion Ratio Lower Upper
56 100
69 192.0 26.6 39.8#
84 167.1 70.4 105.6#

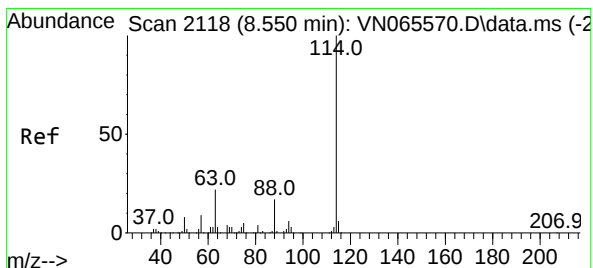
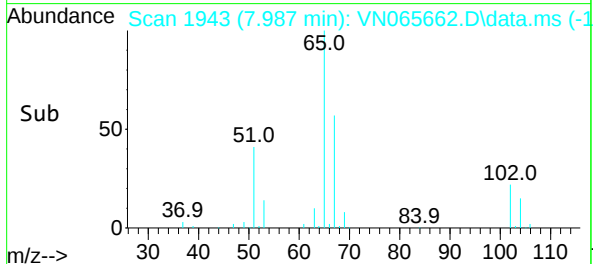
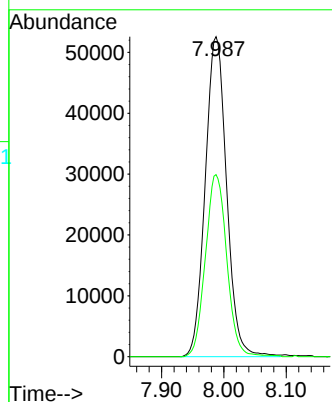
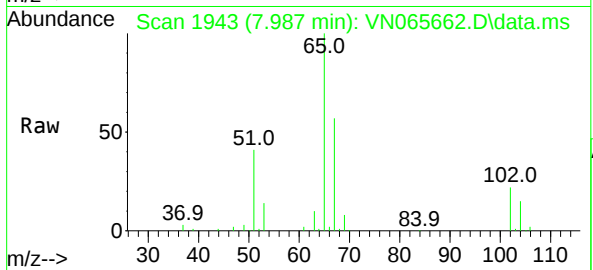




#33
1,2-Dichloroethane-d4
Concen: 46.99 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

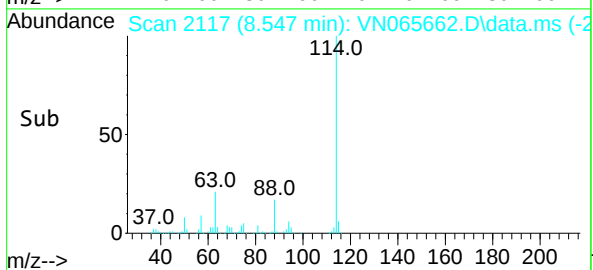
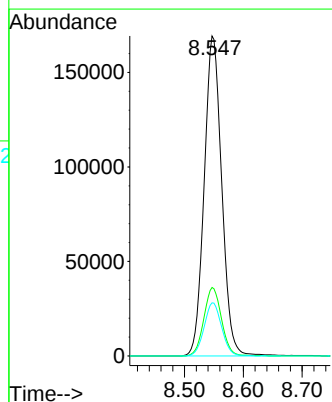
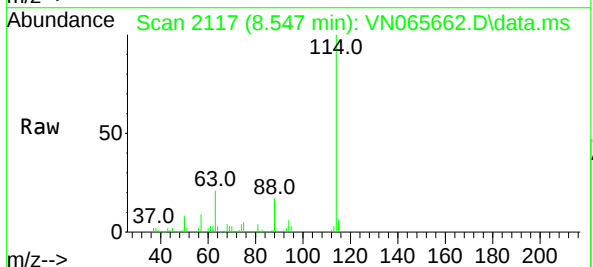
Instrument :
MSVOA_N
ClientSampled :
CRT-3

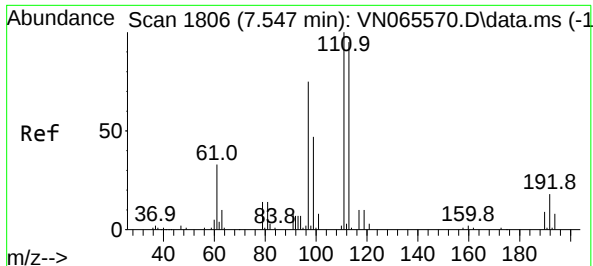
Tgt Ion: 65 Resp: 125419
Ion Ratio Lower Upper
65 100
67 57.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion: 114 Resp: 350973
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.6
88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.92 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065662.D

Acq: 28 Jan 2021 20:20

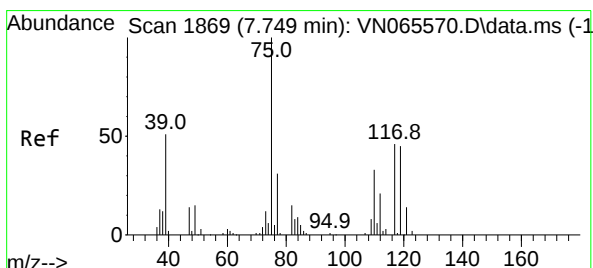
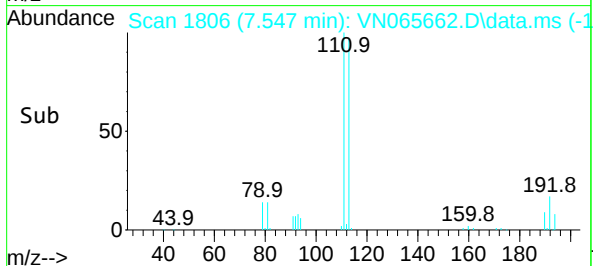
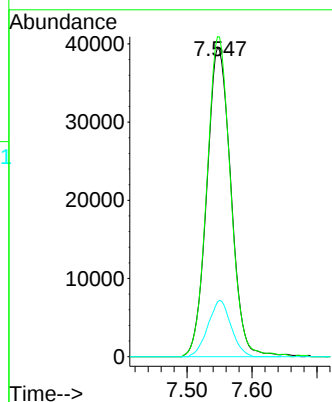
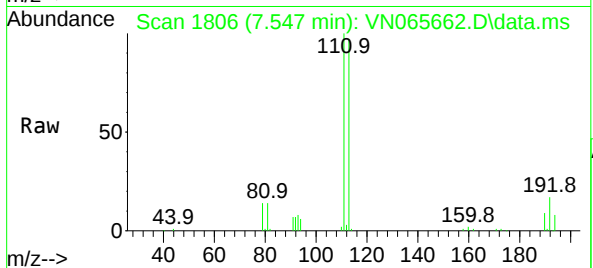
Tgt Ion: 113 Resp: 101755

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 17.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.51 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065662.D

Acq: 28 Jan 2021 20:20

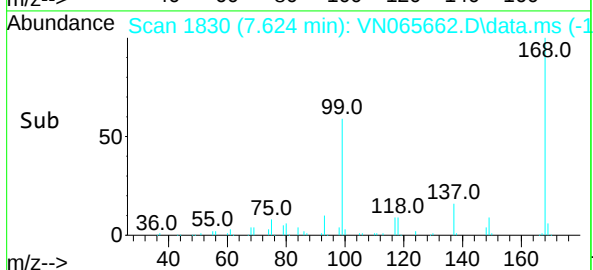
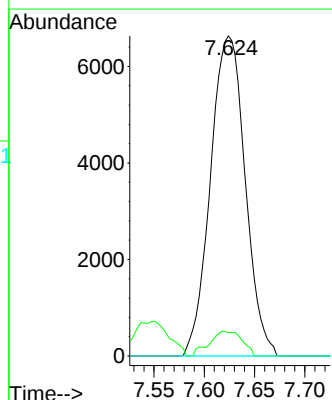
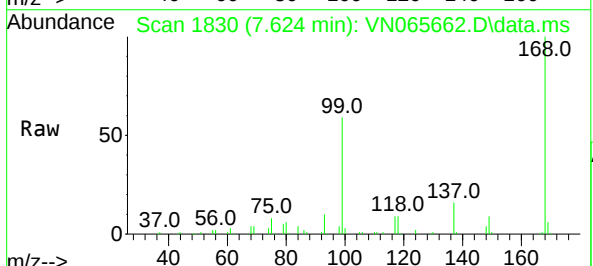
Tgt Ion: 75 Resp: 15925

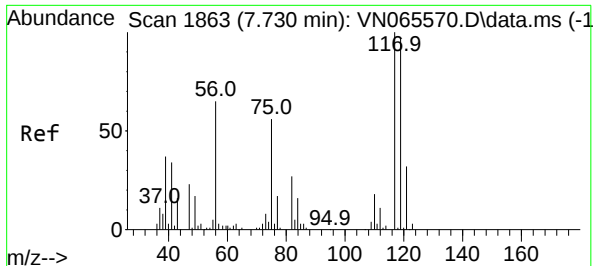
Ion Ratio Lower Upper

75 100

110 7.2 18.2 54.6#

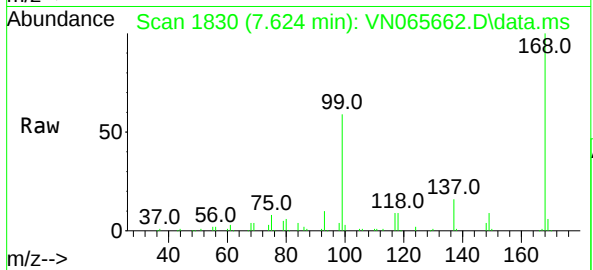
77 0.0 24.9 37.3#



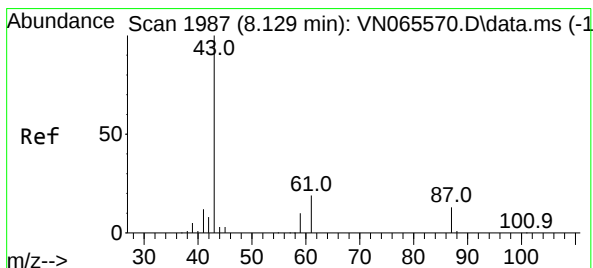
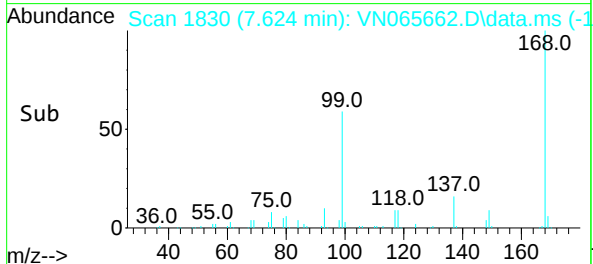
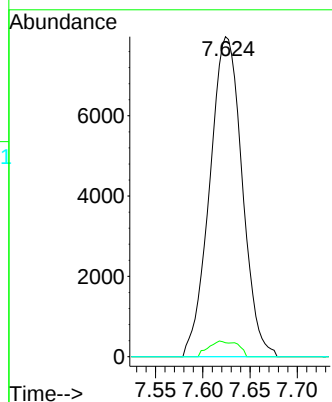


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Instrument :
MSVOA_N
ClientSampled :
CRT-3

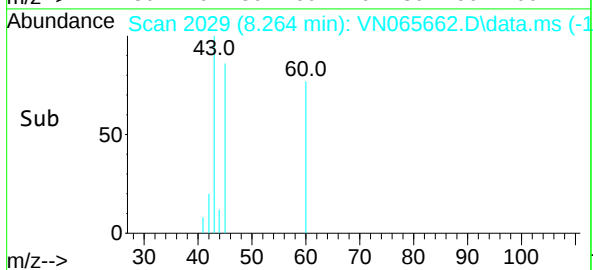
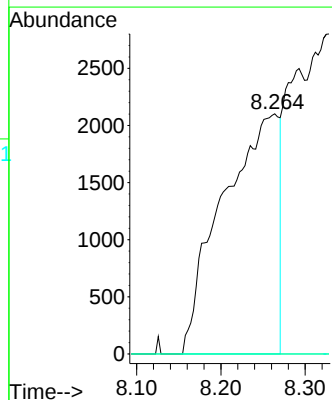
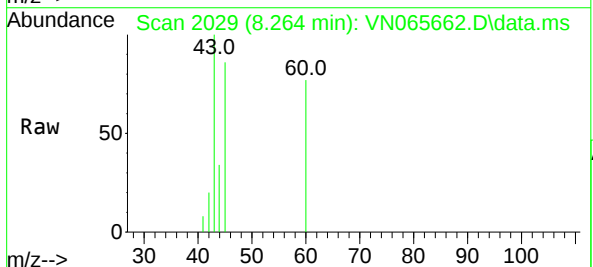


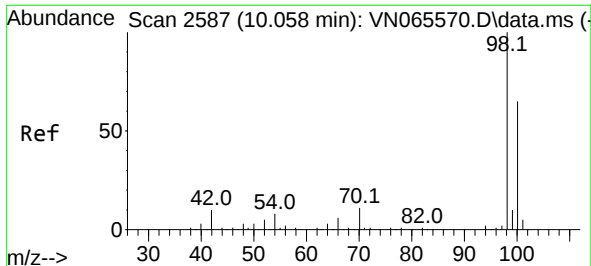
Tgt Ion:117 Resp: 19010
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.62 ug/l
RT: 8.264 min Scan# 2029
Delta R.T. 0.135 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion: 43 Resp: 9762
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#

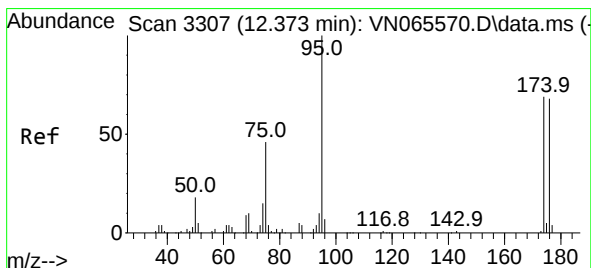
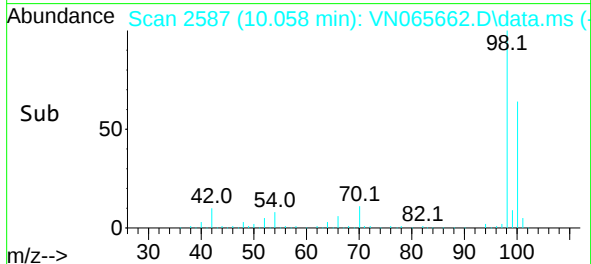
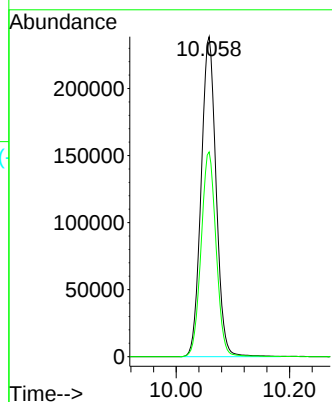
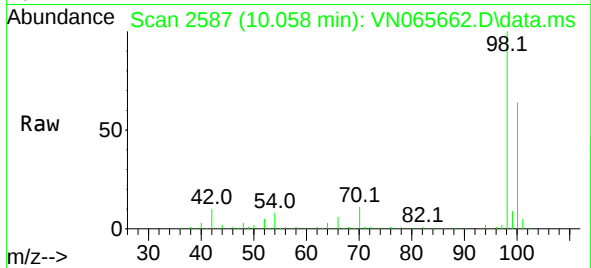




#50
Toluene-d8
Concen: 53.46 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

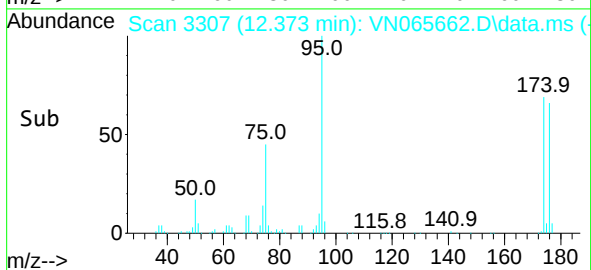
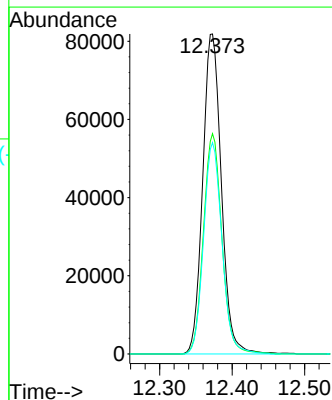
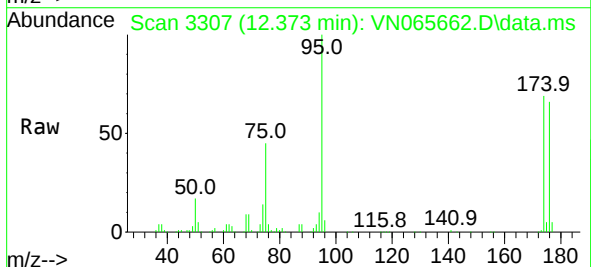
Instrument :
MSVOA_N
ClientSampled :
CRT-3

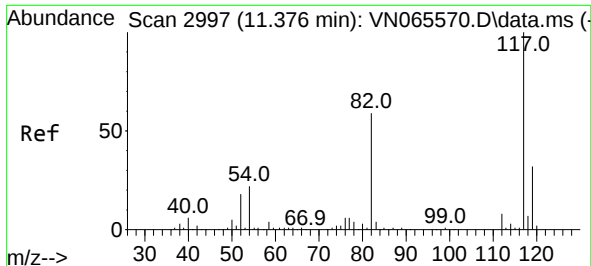
Tgt Ion: 98 Resp: 437097
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.71 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion: 95 Resp: 146340
Ion Ratio Lower Upper
95 100
174 68.0 0.0 169.0
176 65.1 0.0 162.4

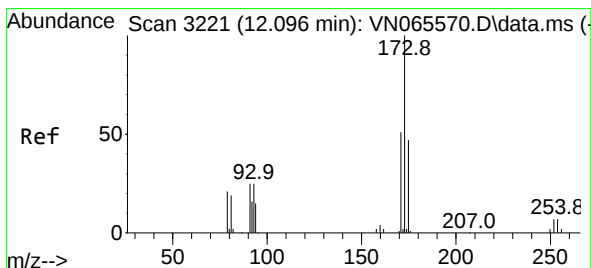
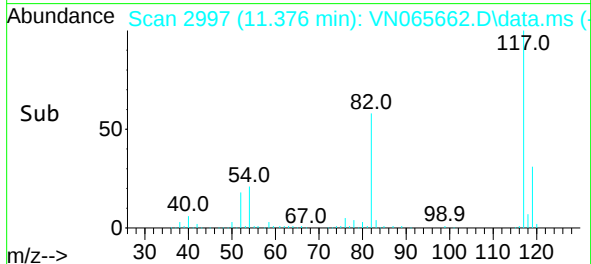
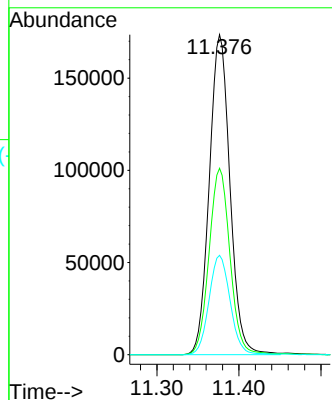
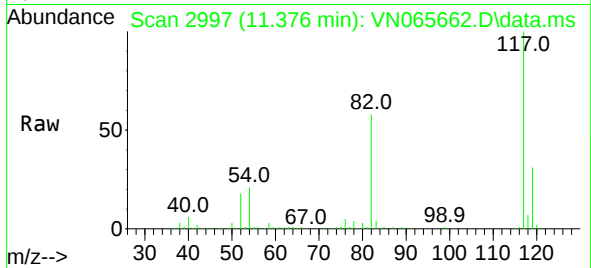




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

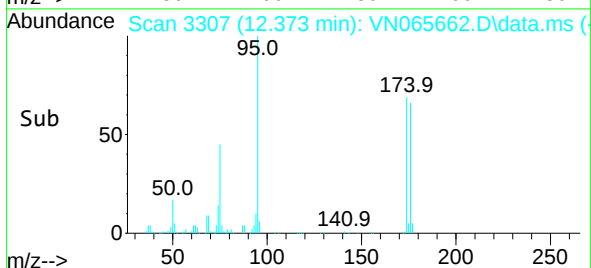
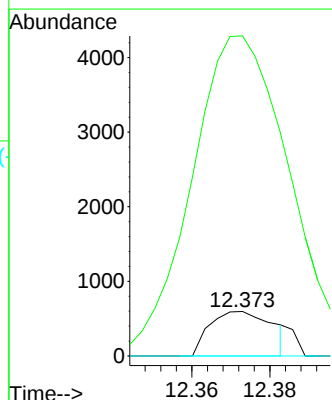
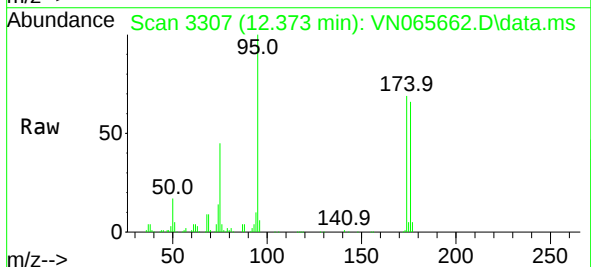
Instrument :
MSVOA_N
ClientSampleId :
CRT-3

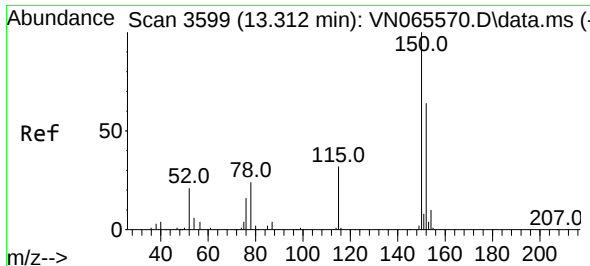
Tgt Ion:117 Resp: 304602
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 31.1 26.1 39.1



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion:173 Resp: 664
Ion Ratio Lower Upper
173 100
175 945.6 23.8 71.2#
254 0.0 0.0 0.0

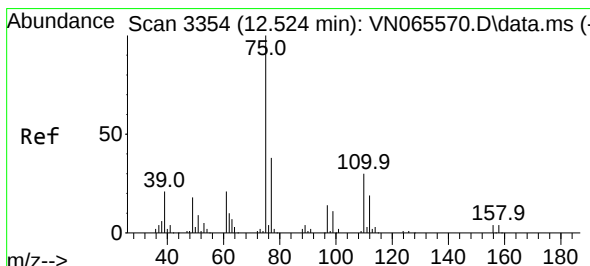
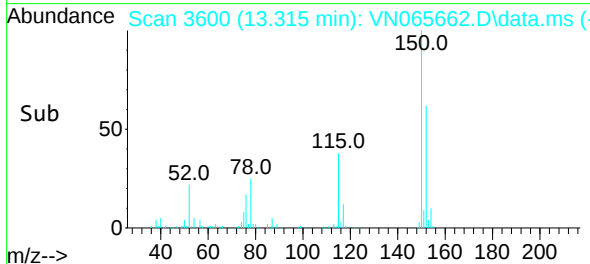
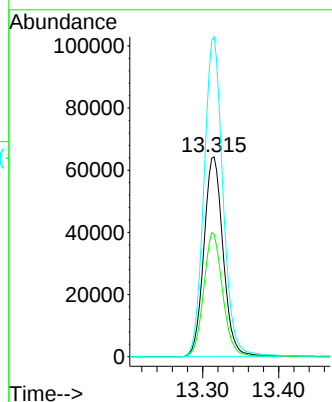
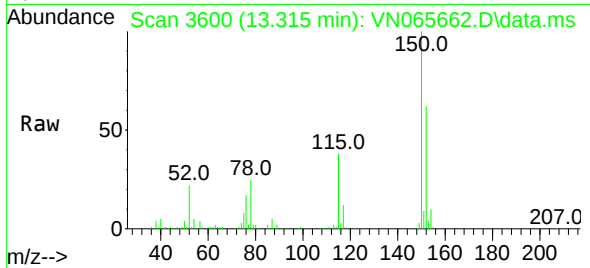




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

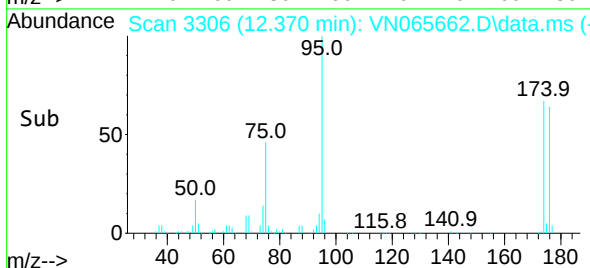
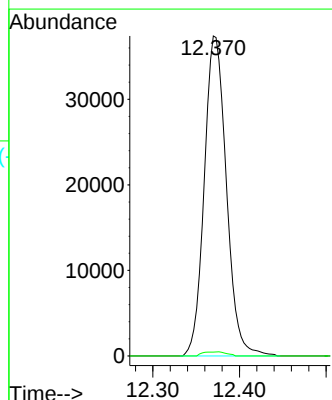
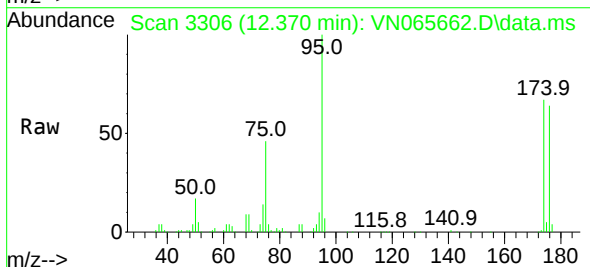
Instrument :
MSVOA_N
ClientSampled :
CRT-3

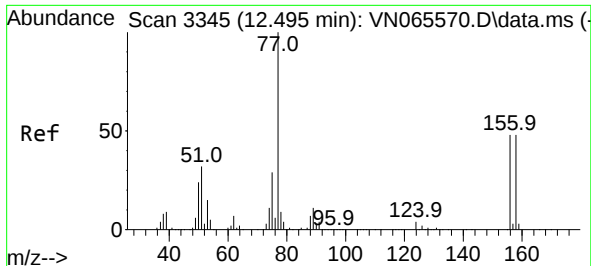
Tgt Ion:152 Resp: 113185
Ion Ratio Lower Upper
152 100
115 60.8 28.5 85.6
150 158.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.45 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

Tgt Ion: 75 Resp: 66455
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

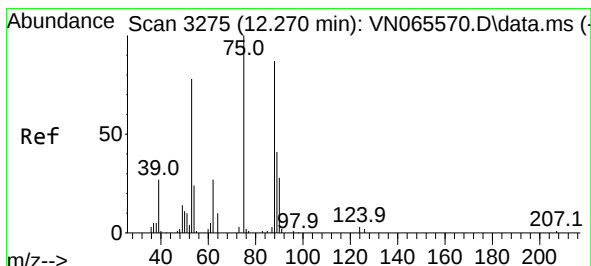
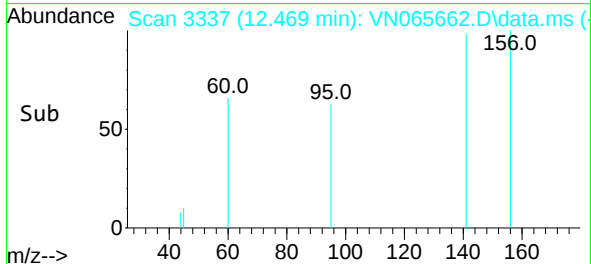
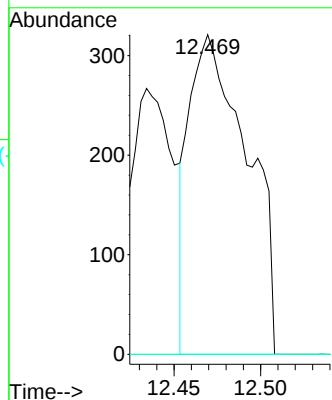
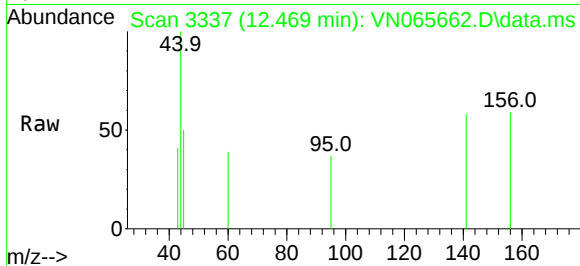




#77
Bromobenzene
Concen: 0.35 ug/l
RT: 12.469 min Scan# 3337
Delta R.T. -0.026 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

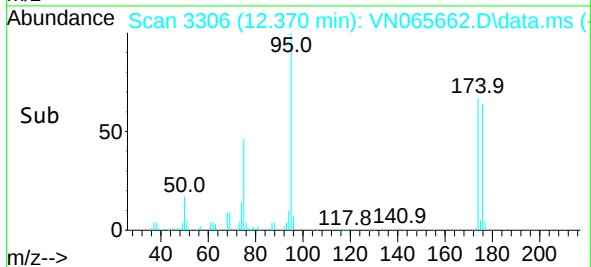
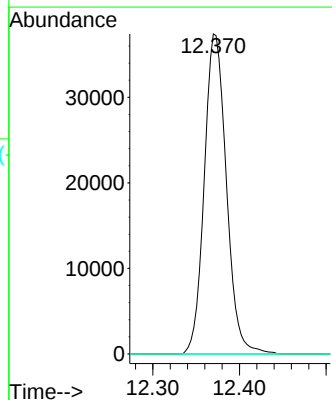
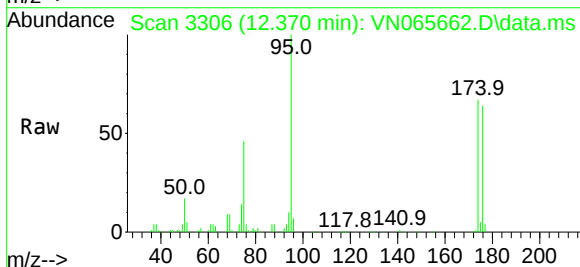
Instrument :
MSVOA_N
ClientSampled :
CRT-3

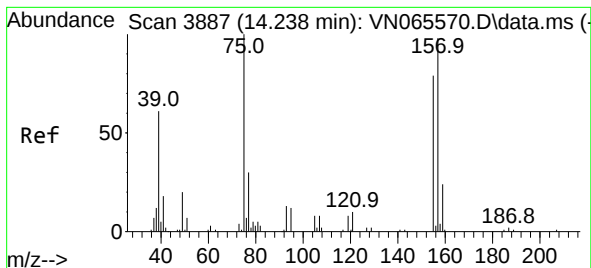
Tgt Ion:156 Resp: 747
Ion Ratio Lower Upper
156 100
77 0.0 96.3 288.8#
158 0.0 49.0 147.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.51 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

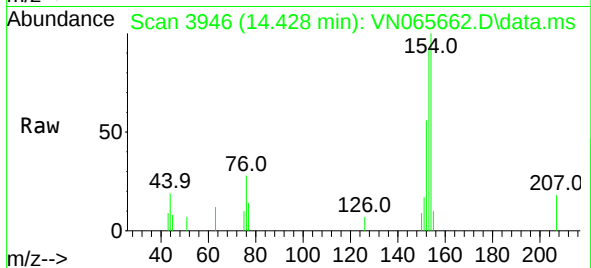
Tgt Ion: 75 Resp: 66455
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



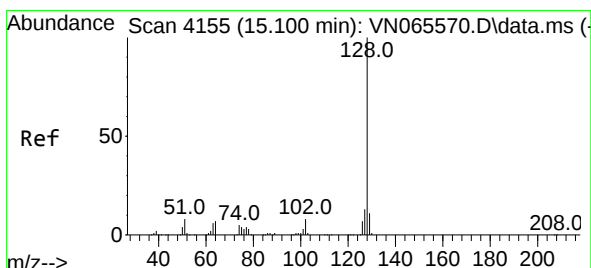
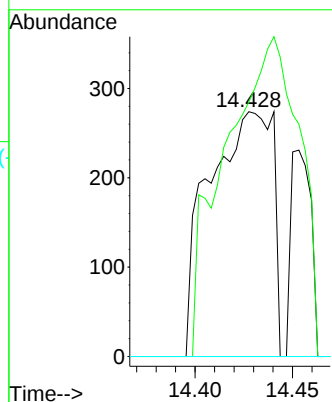
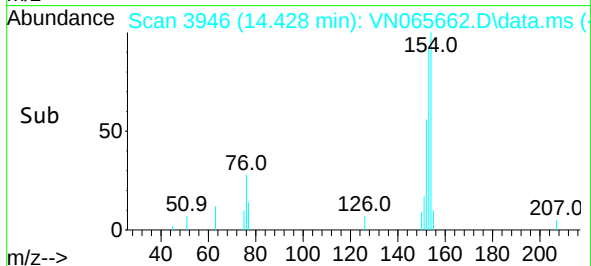


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.07 ug/l
RT: 14.428 min Scan# 3946
Delta R.T. 0.190 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20

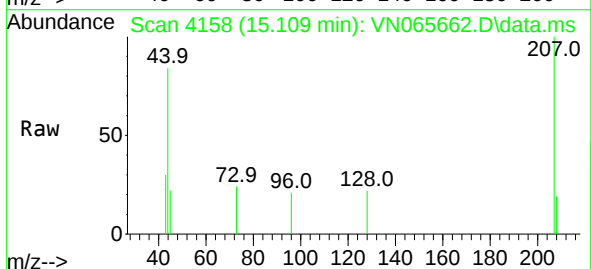
Instrument :
MSVOA_N
ClientSampled :
CRT-3



Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065662.D
Acq: 28 Jan 2021 20:20



Tgt Ion: 128 Resp: 101
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

