

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065664.D
 Acq On : 28 Jan 2021 21:09
 Operator : JC/MD
 Sample : M1255-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-17

Quant Time: Jan 29 01:27:10 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)

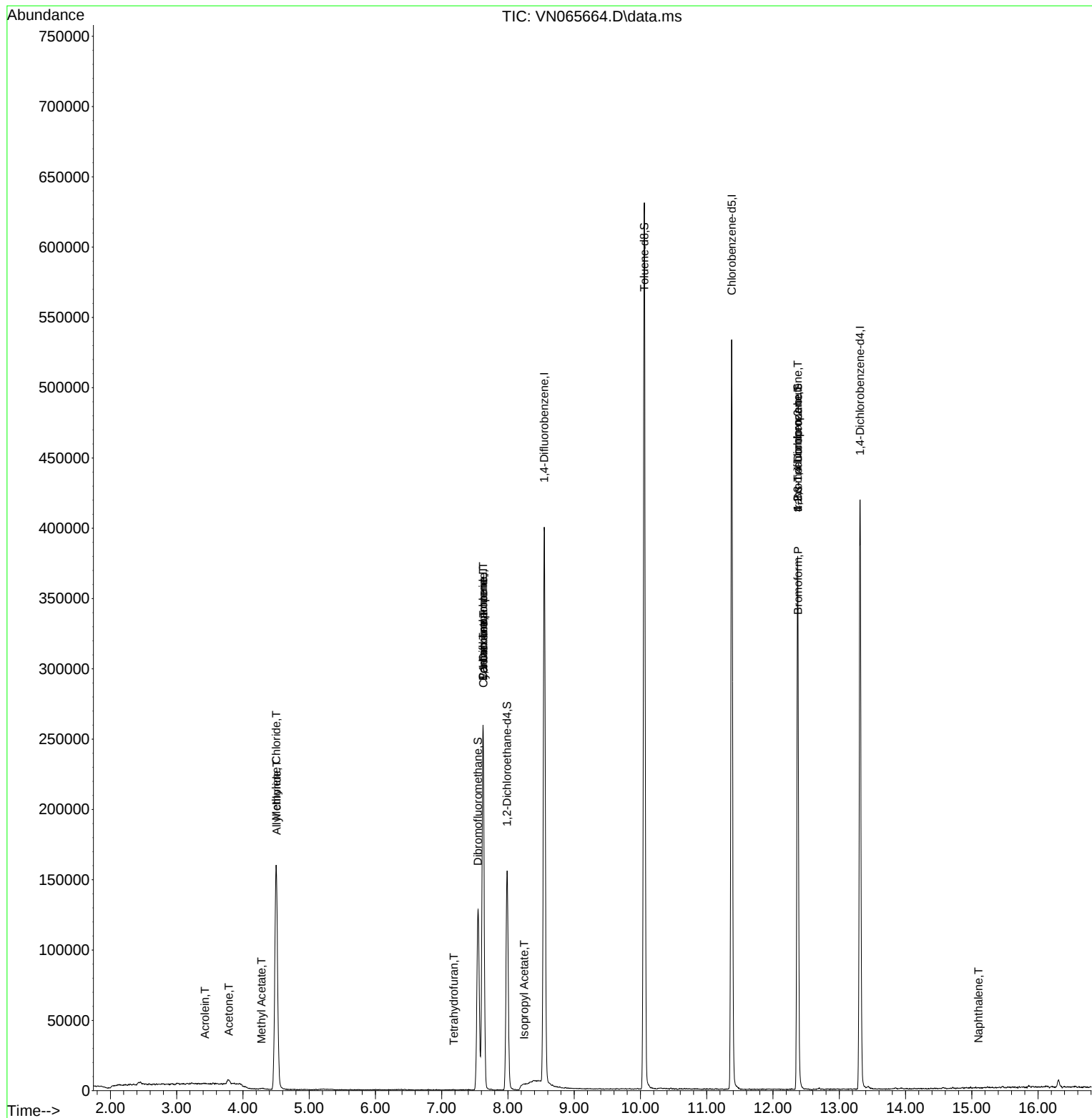
Internal Standards						
1) Pentafluorobenzene	7.624	168	209959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	364655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	321017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	118852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	132428	47.94	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.88%
35) Dibromofluoromethane	7.547	113	105260	48.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.42%
50) Toluene-d8	10.058	98	451654	53.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.34%
62) 4-Bromofluorobenzene	12.373	95	153738	50.26	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.52%
Target Compounds						
					Qvalue	
13) Acrolein	3.428	56	29	18.15	ug/l #	1
14) Allyl chloride	4.508	41	5152	1.09	ug/l #	25
16) Acetone	3.785	43	5058	4.70	ug/l	95
18) Methyl Acetate	4.280	43	1179	0.39	ug/l #	72
20) Methylene Chloride	4.502	84	118033	39.64	ug/l	97
29) Tetrahydrofuran	7.184	42	317	0.26	ug/l #	32
31) Cyclohexane	7.627	56	4134	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16877	4.60	ug/l #	47
38) Carbon Tetrachloride	7.624	117	20203	6.69	ug/l #	16
43) Isopropyl Acetate	8.245	43	5863	0.94	ug/l #	53
71) Bromoform	12.379	173	572	0.35	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	70642	22.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	70642	58.22	ug/l #	12
95) Naphthalene	15.100	128	58	3.46	ug/l #	69

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

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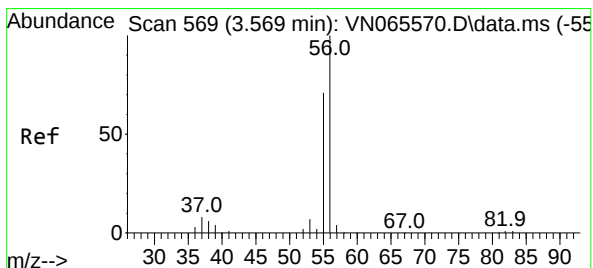
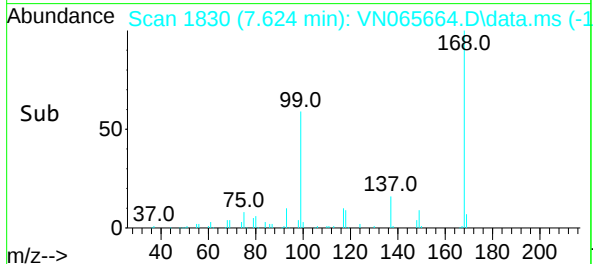
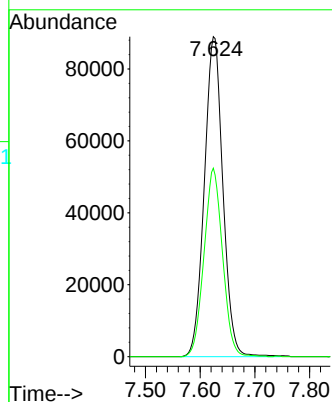
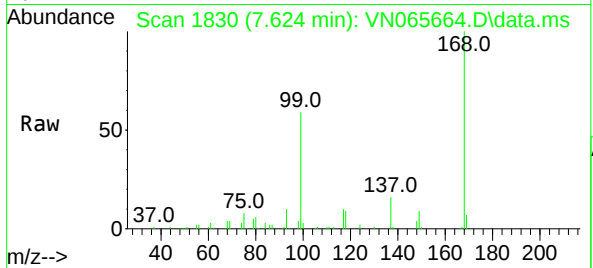




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

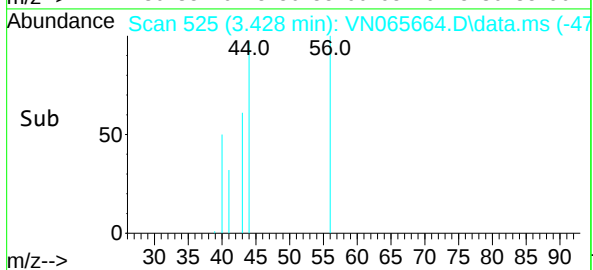
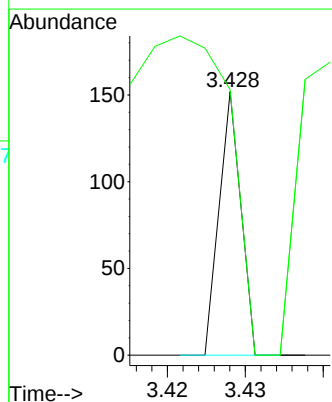
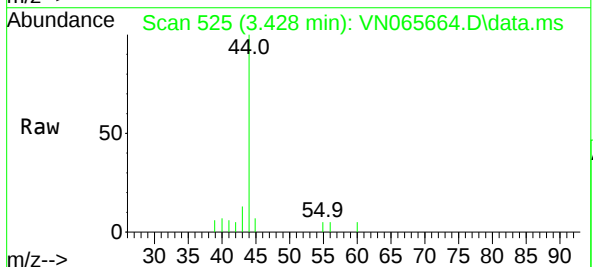
Instrument :
MSVOA_N
ClientSampleId :
CRT-17

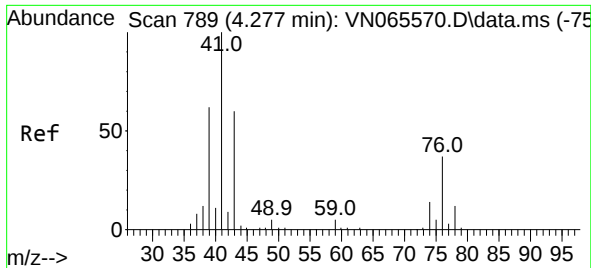
Tgt Ion:168 Resp: 209959
Ion Ratio Lower Upper
168 100
99 58.9 42.6 63.8



#13
Acrolein
Concen: 18.15 ug/l
RT: 3.428 min Scan# 525
Delta R.T. -0.141 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 565.5 56.0 84.0#

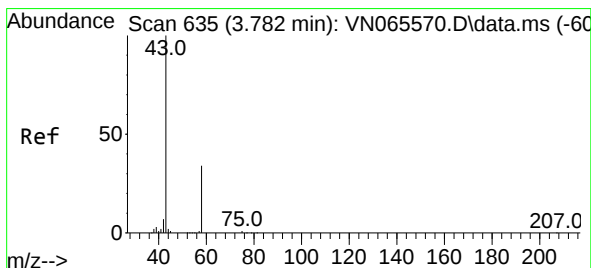
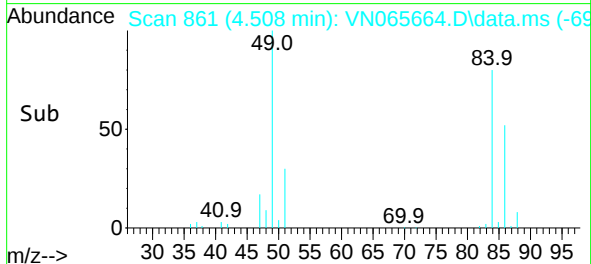
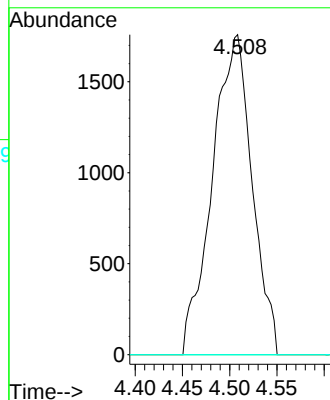
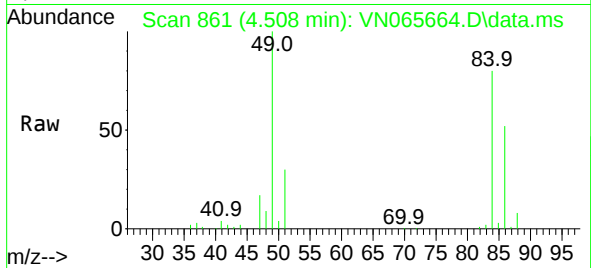




#14
 Allyl chloride
 Concen: 1.09 ug/l
 RT: 4.508 min Scan# 861
 Delta R.T. 0.231 min
 Lab File: VN065664.D
 Acq: 28 Jan 2021 21:09

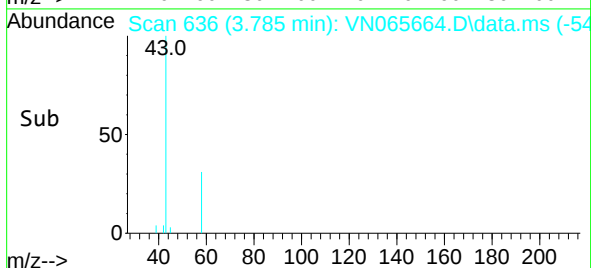
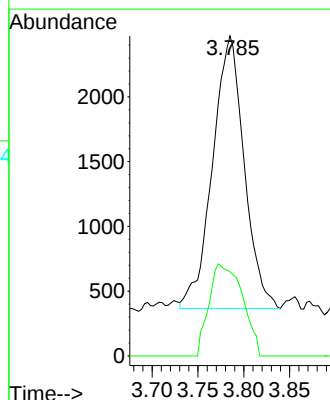
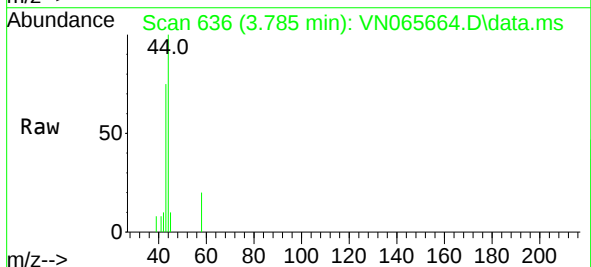
Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-17

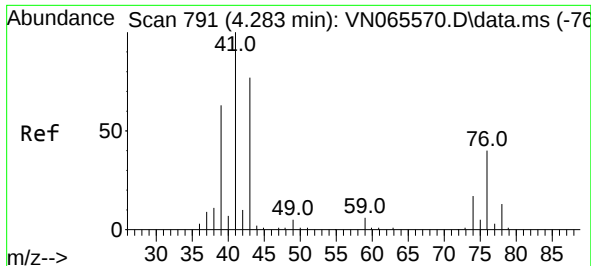
Tgt Ion: 41 Resp: 5152
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.0 79.4#
 76 0.0 28.9 43.3#



#16
 Acetone
 Concen: 4.70 ug/l
 RT: 3.785 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VN065664.D
 Acq: 28 Jan 2021 21:09

Tgt Ion: 43 Resp: 5058
 Ion Ratio Lower Upper
 43 100
 58 30.9 27.0 40.6

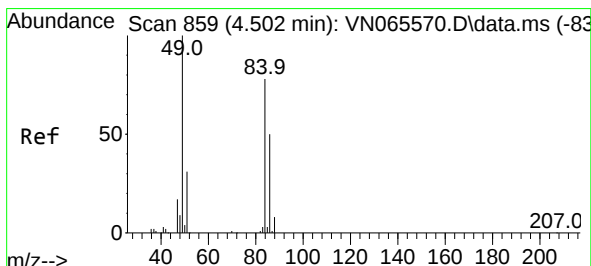
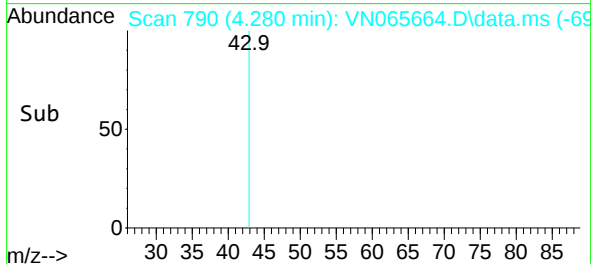
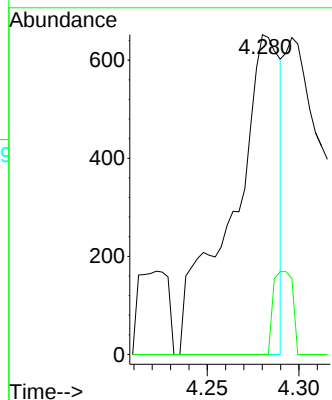
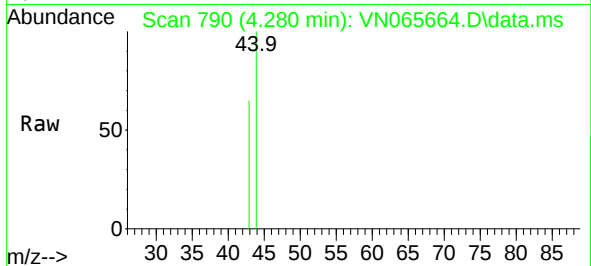




#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

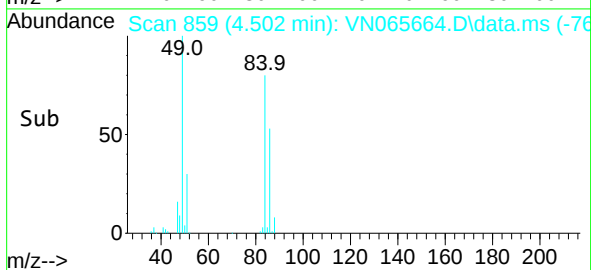
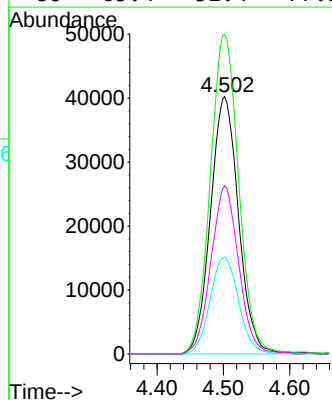
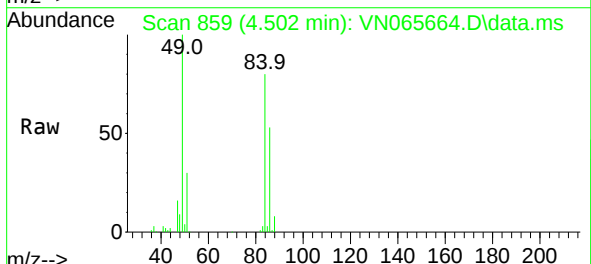
Instrument :
MSVOA_N
ClientSampleId :
CRT-17

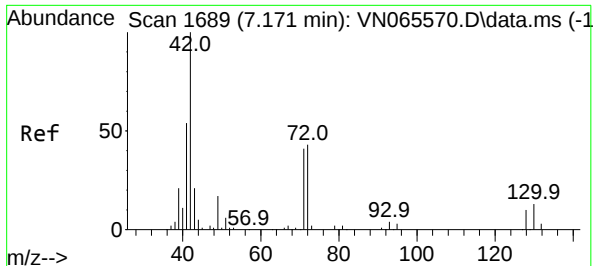
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
74 10.6 19.5 29.3#



#20
Methylene Chloride
Concen: 39.64 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion: 84 Resp: 118033
Ion Ratio Lower Upper
84 100
49 124.3 94.6 141.8
51 37.5 29.9 44.9
86 65.4 51.4 77.2





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 7.184 min Scan# 1693

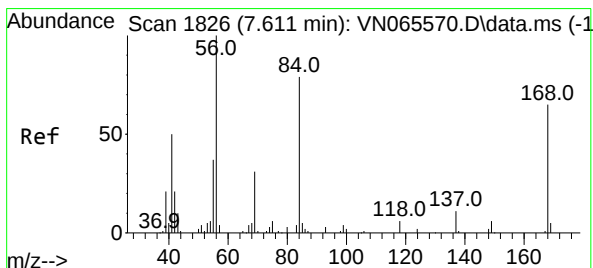
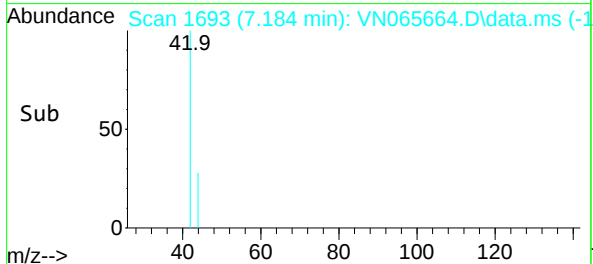
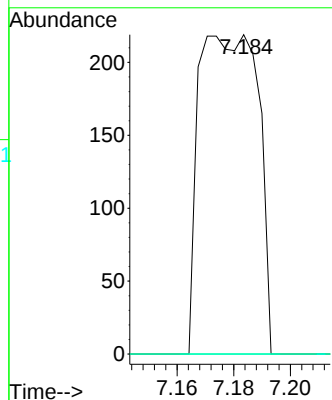
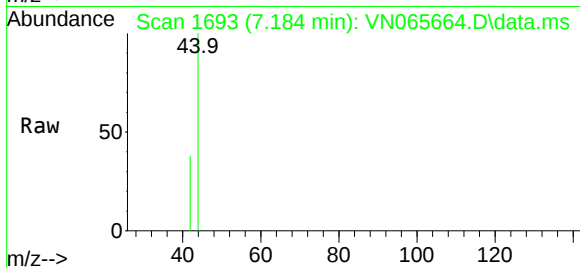
Delta R.T. 0.013 min

Lab File: VN065664.D

Acq: 28 Jan 2021 21:09

Tgt Ion:	42	Resp:	317
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampled :
CRT-17



#31

Cyclohexane

Concen: 0.80 ug/l

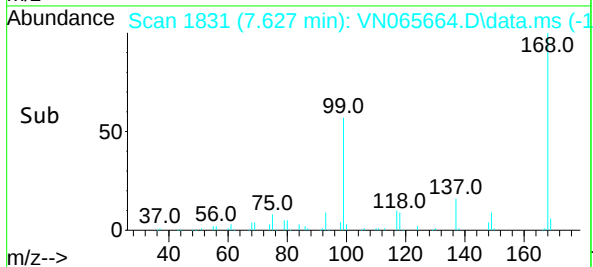
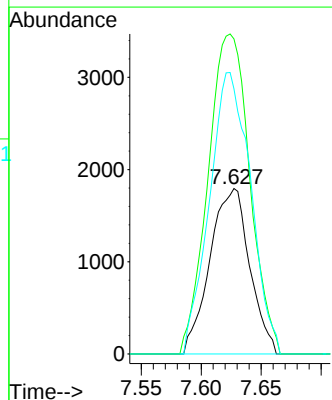
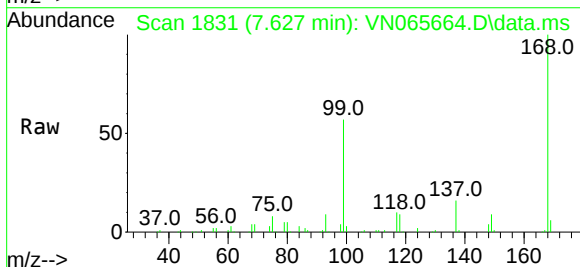
RT: 7.627 min Scan# 1831

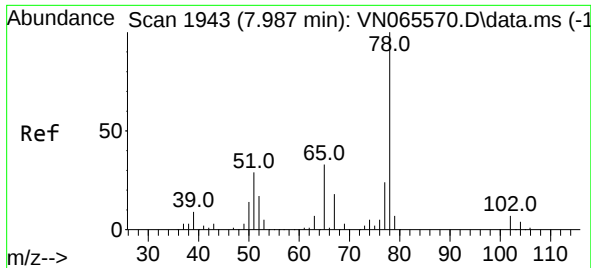
Delta R.T. 0.016 min

Lab File: VN065664.D

Acq: 28 Jan 2021 21:09

Tgt Ion:	56	Resp:	4134
Ion	Ratio	Lower	Upper
56	100		
69	190.5	26.6	39.8#
84	160.3	70.4	105.6#

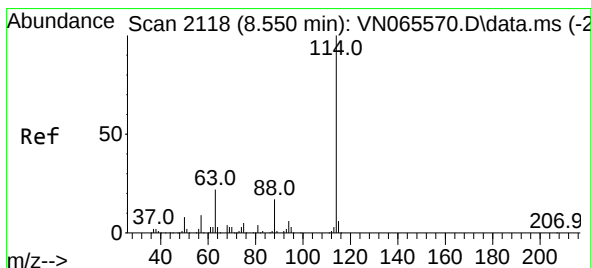
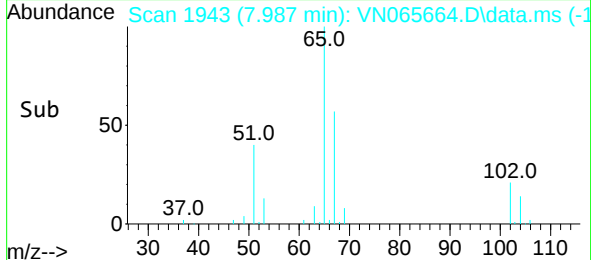
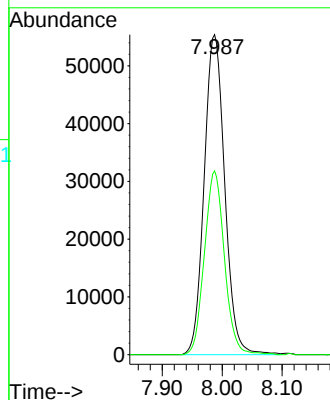
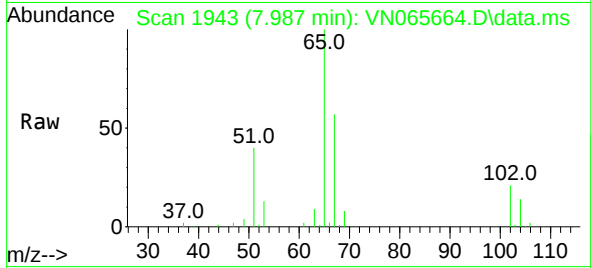




#33
1,2-Dichloroethane-d4
Concen: 47.94 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

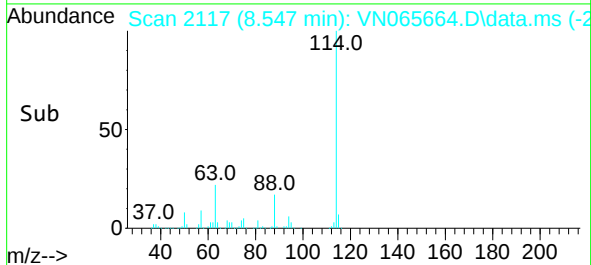
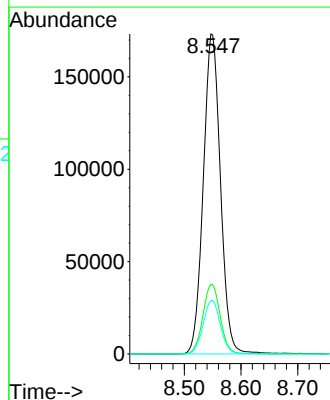
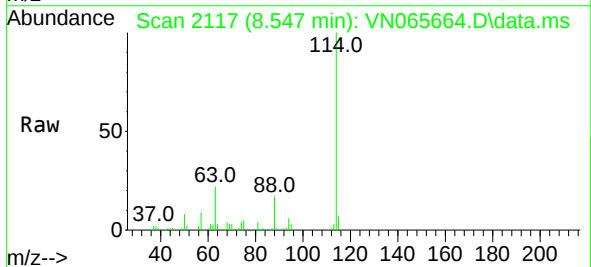
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MSVOA_N
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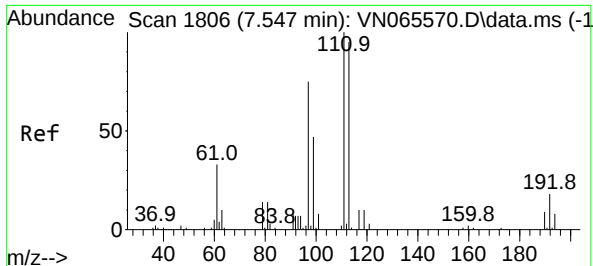
Tgt Ion: 65 Resp: 132428
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion: 114 Resp: 364655
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.6
88 16.7 0.0 30.6

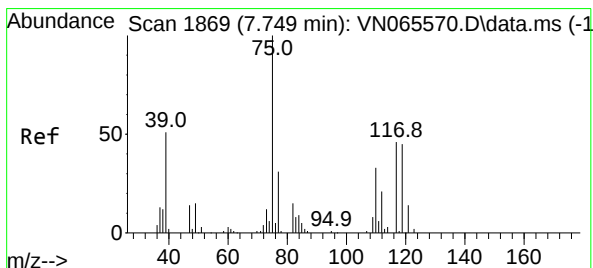
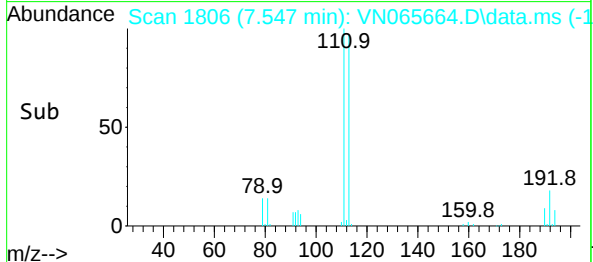
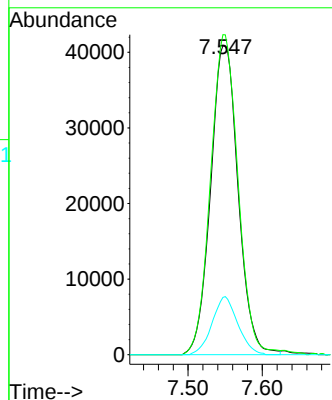
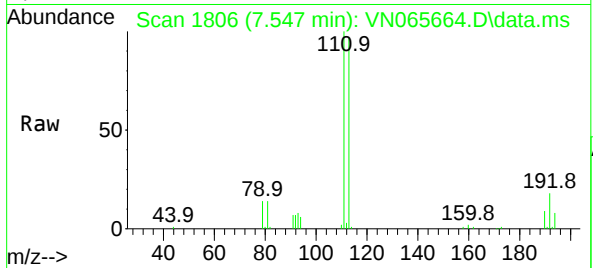




#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

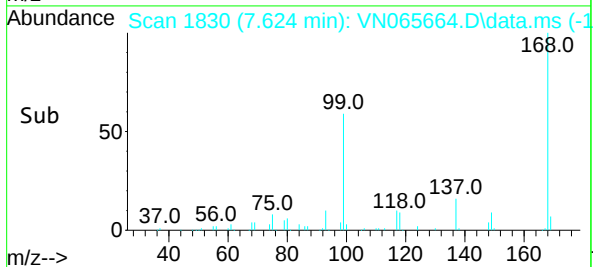
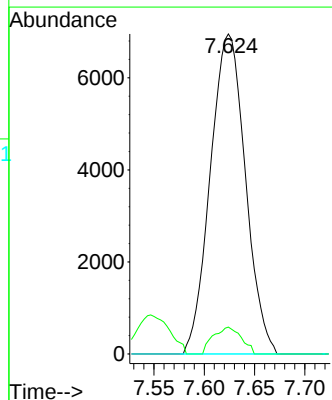
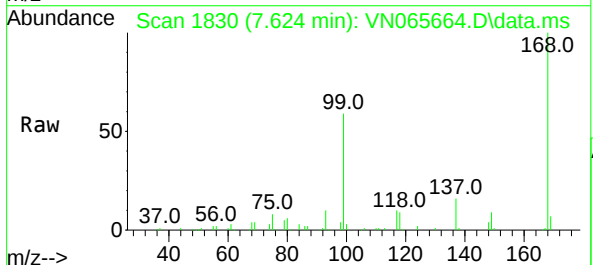
Instrument :
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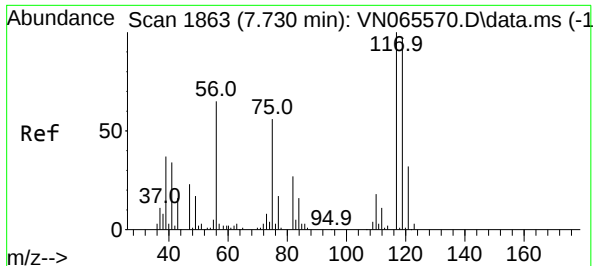
Tgt Ion:113 Resp: 105260
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 17.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

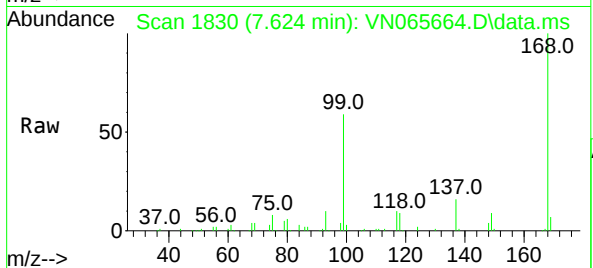
Tgt Ion: 75 Resp: 16877
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#



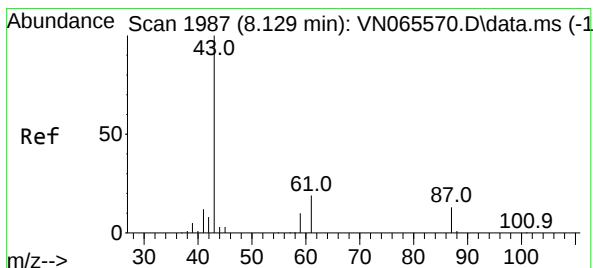
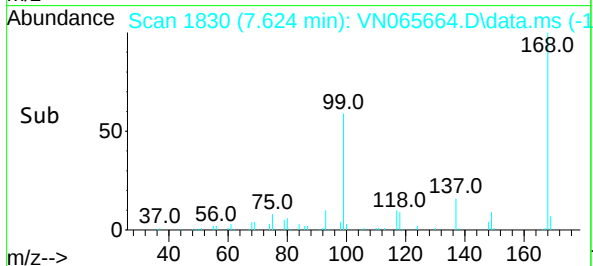
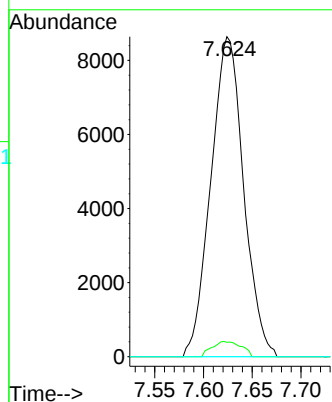


#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Instrument :
MSVOA_N
ClientSampled :
CRT-17

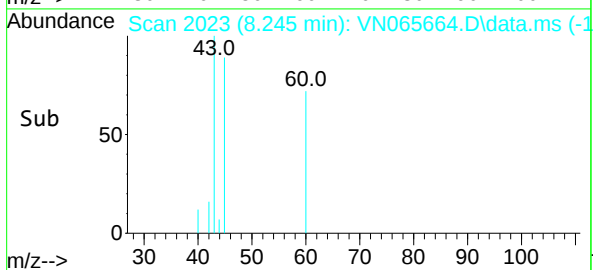
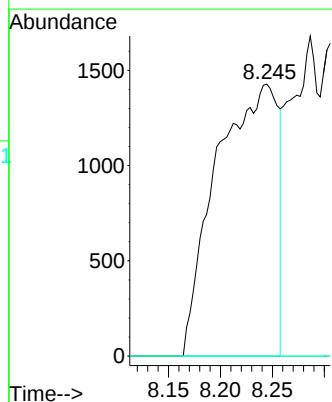
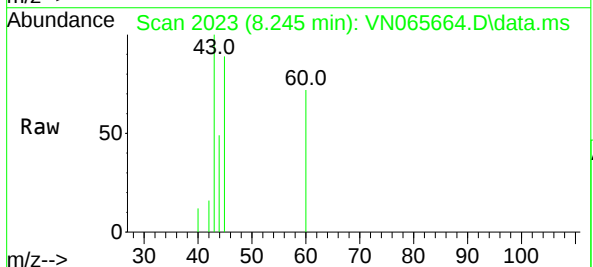


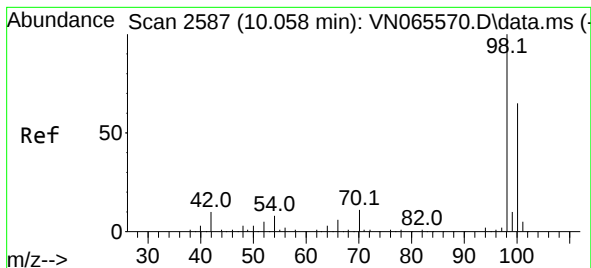
Tgt Ion:117 Resp: 20203
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.94 ug/l
RT: 8.245 min Scan# 2023
Delta R.T. 0.116 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion: 43 Resp: 5863
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#

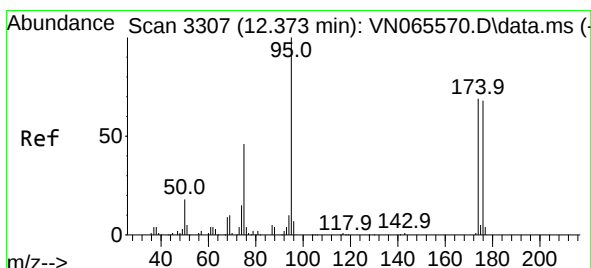
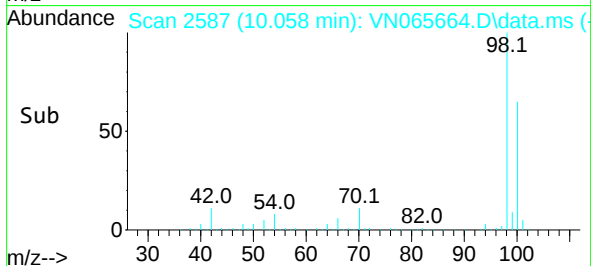
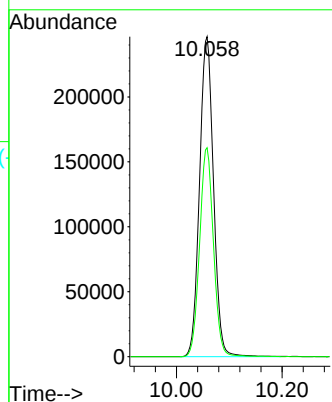
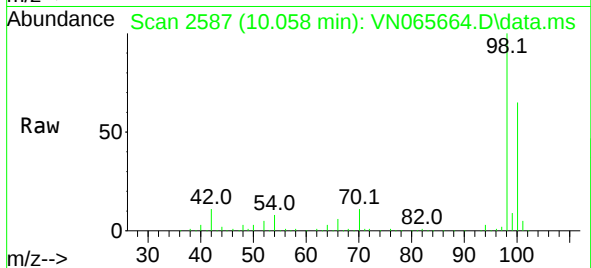




#50
Toluene-d8
Concen: 53.17 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

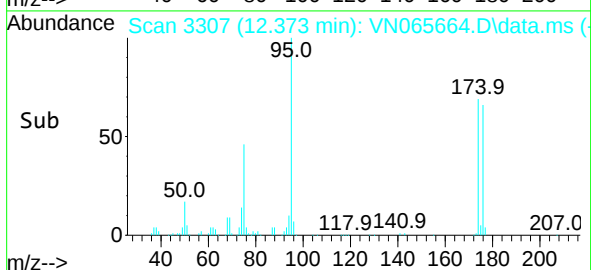
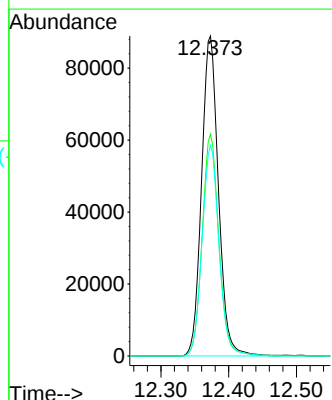
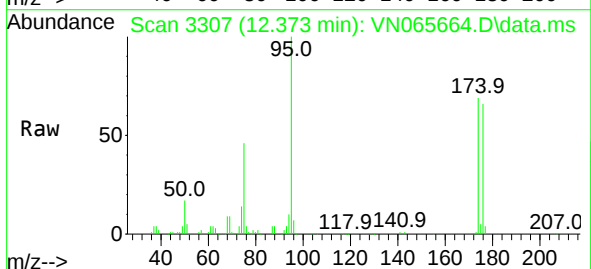
Instrument :
MSVOA_N
ClientSampled :
CRT-17

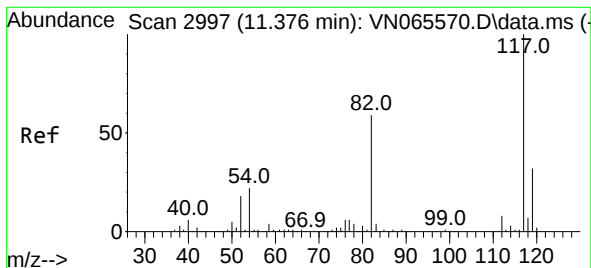
Tgt Ion: 98 Resp: 451654
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.26 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion: 95 Resp: 153738
Ion Ratio Lower Upper
95 100
174 68.5 0.0 169.0
176 66.0 0.0 162.4

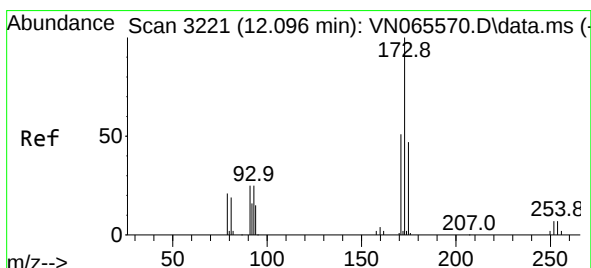
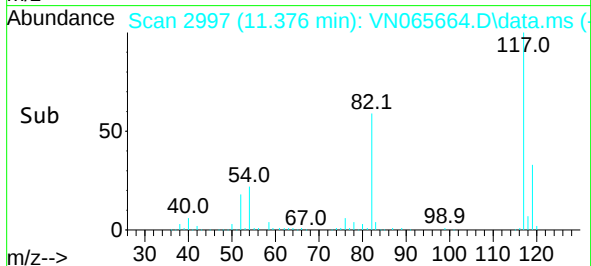
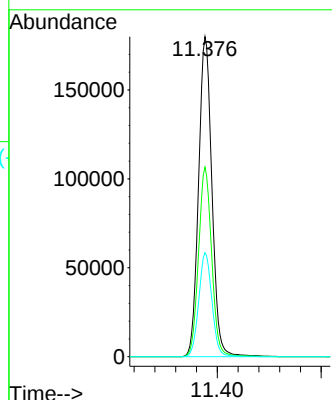
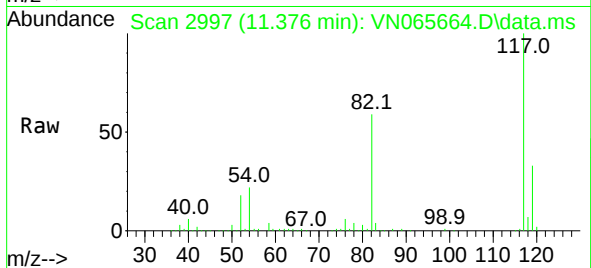




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

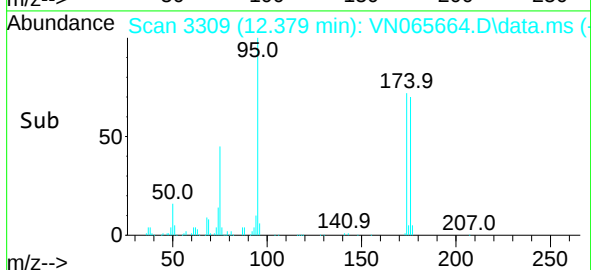
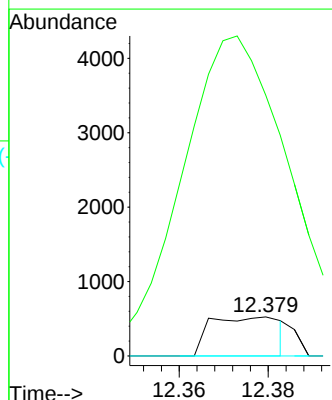
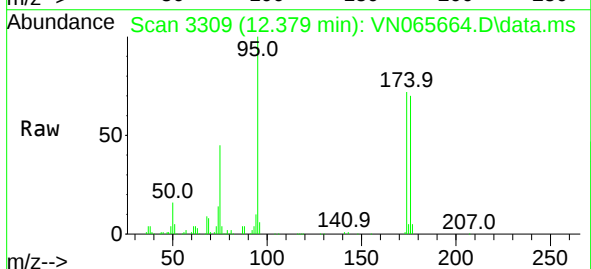
Instrument :
MSVOA_N
ClientSampled :
CRT-17

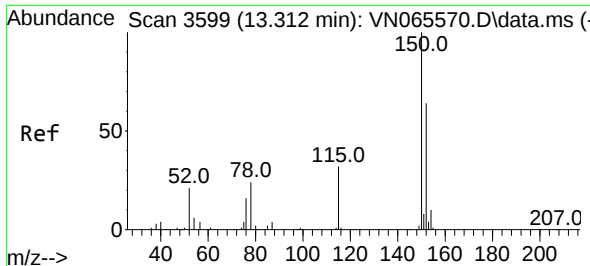
Tgt Ion:117 Resp: 321017
Ion Ratio Lower Upper
117 100
82 59.2 43.7 65.5
119 32.5 26.1 39.1



#71
Bromoform
Concen: 0.35 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.283 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion:173 Resp: 572
Ion Ratio Lower Upper
173 100
175 1074.3 23.8 71.2#
254 0.0 0.0 0.0

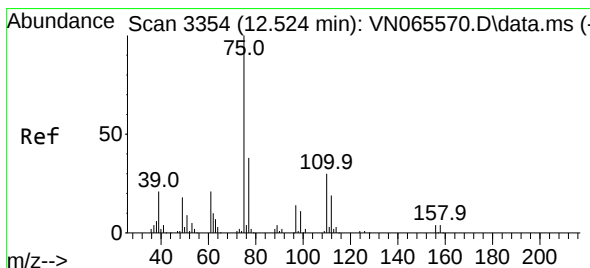
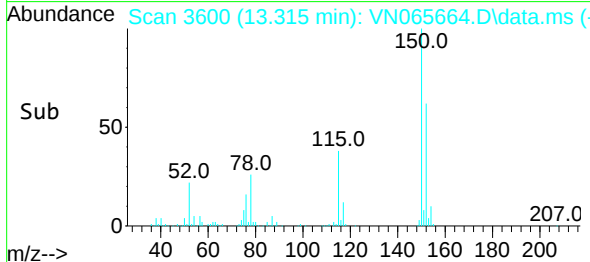
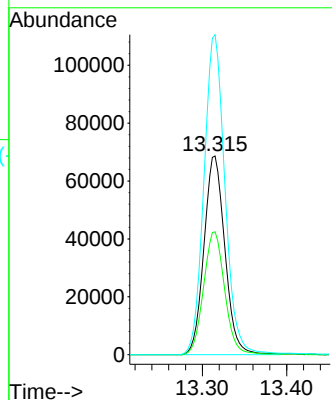
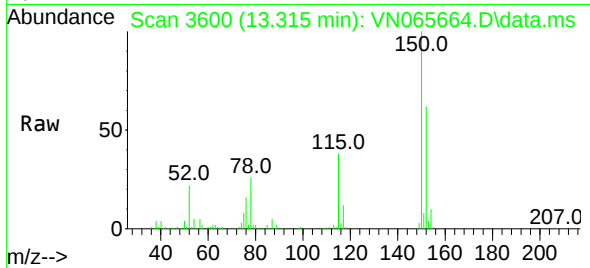




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065664.D
 Acq: 28 Jan 2021 21:09

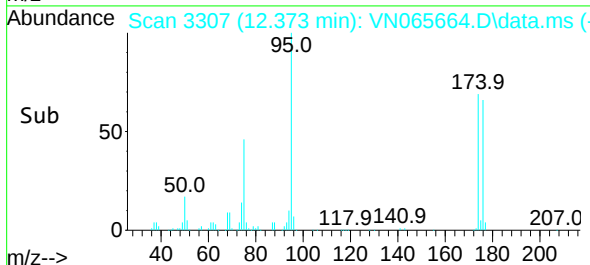
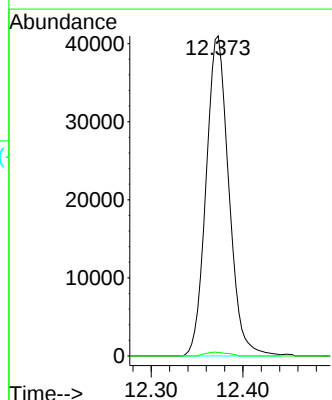
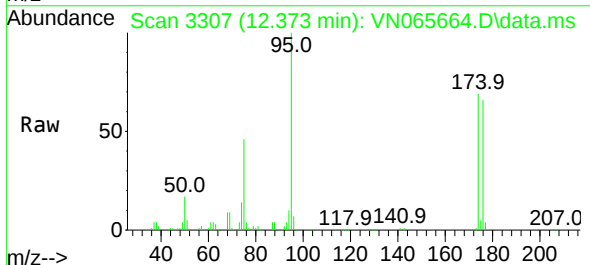
Instrument :
 MSVOA_N
 ClientSampled :
 CRT-17

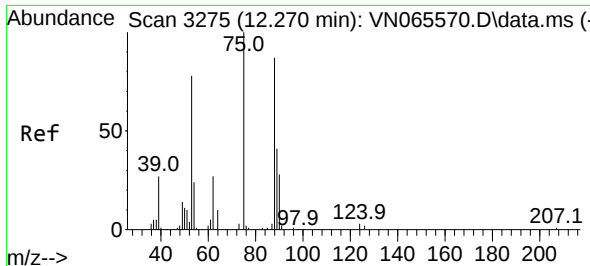
Tgt Ion:152 Resp: 118852
 Ion Ratio Lower Upper
 152 100
 115 62.6 28.5 85.6
 150 162.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.73 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065664.D
 Acq: 28 Jan 2021 21:09

Tgt Ion: 75 Resp: 70642
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

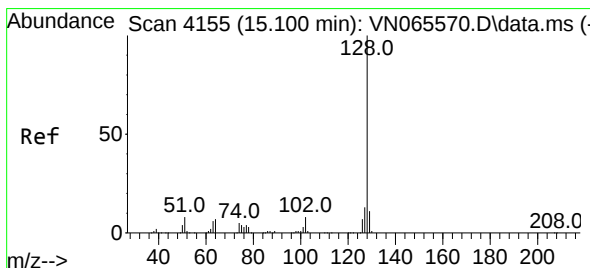
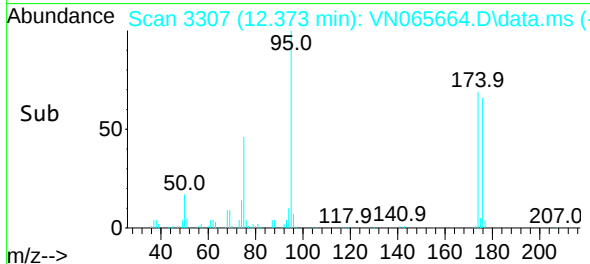
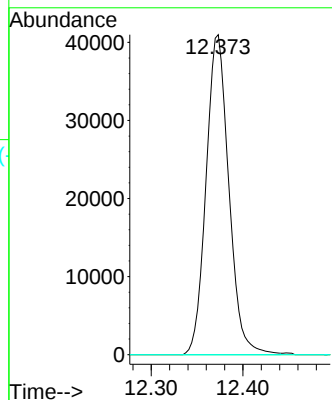
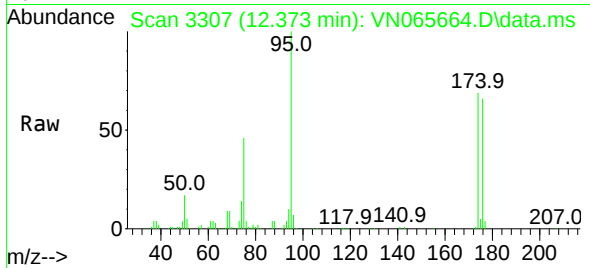




#81
trans-1,4-Dichloro-2-butene
Concen: 58.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Instrument :
MSVOA_N
ClientSampled :
CRT-17

Tgt Ion: 75 Resp: 70642
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065664.D
Acq: 28 Jan 2021 21:09

Tgt Ion: 128 Resp: 58
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

