

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065465.D
 Acq On : 11 Jan 2021 14:01
 Operator : JC/MD
 Sample : M1058-02DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 00:07:39 2021
 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)

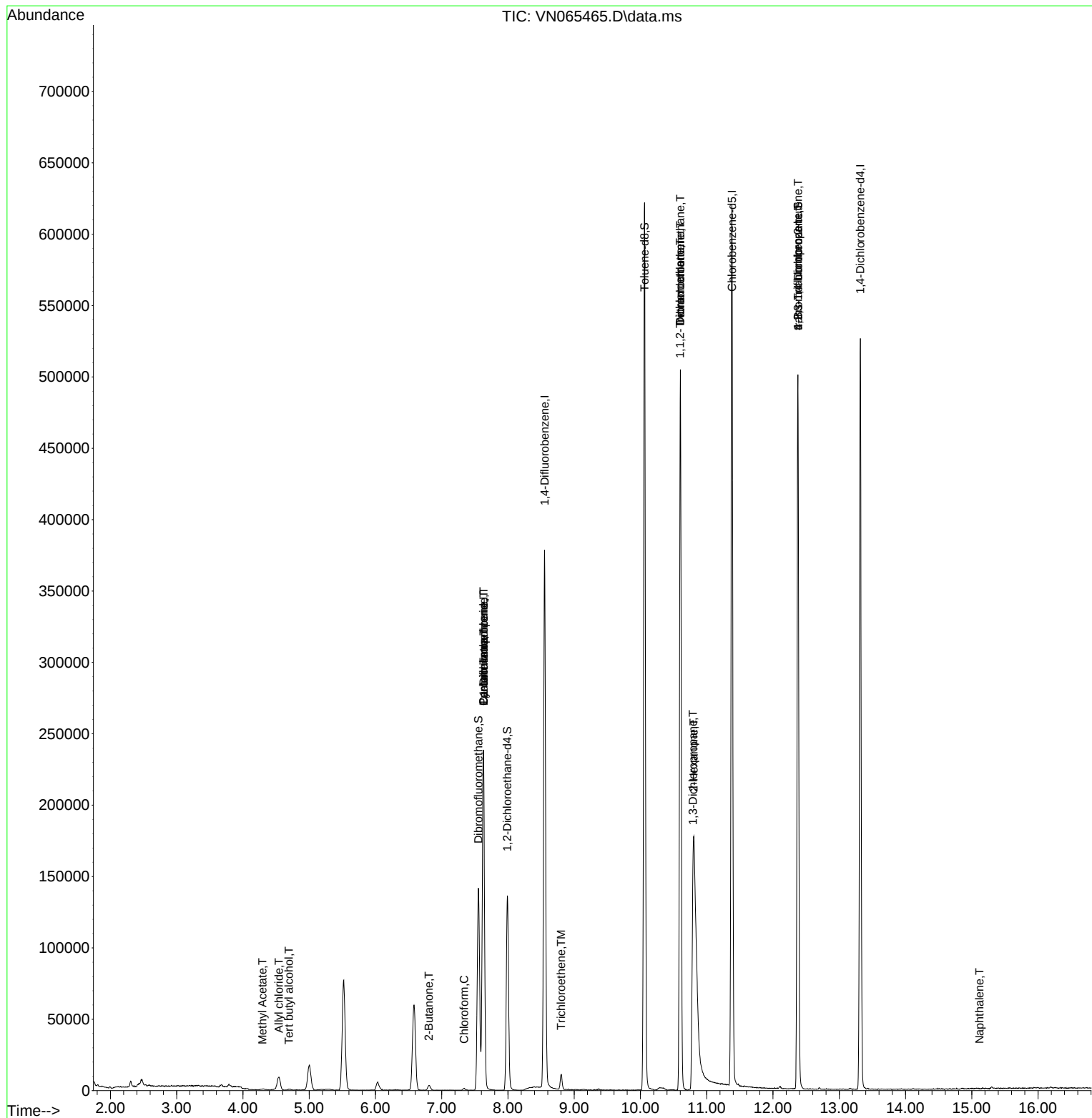
Internal Standards						
1) Pentafluorobenzene	7.630	168	219962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	361486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	383985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	156784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	119978	48.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.64%		
35) Dibromofluoromethane	7.553	113	111126	50.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.90%		
50) Toluene-d8	10.061	98	446072	54.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.14%		
62) 4-Bromofluorobenzene	12.376	95	173367	53.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.52%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.692	59	225	0.55	ug/l #	73
14) Allyl chloride	4.544	41	3749	1.05	ug/l #	63
16) Acetone	3.788	43	2206	Below Cal	#	76
18) Methyl Acetate	4.293	43	976	0.44	ug/l #	50
25) 2-Butanone	6.804	43	352	0.25	ug/l #	49
30) Chloroform	7.338	83	1628	0.41	ug/l	91
31) Cyclohexane	7.630	56	4287	1.17	ug/l #	13
36) 1,1-Dichloropropene	7.630	75	13526	4.12	ug/l #	48
38) Carbon Tetrachloride	7.630	117	18468	5.35	ug/l #	16
44) Trichloroethene	8.804	130	4487	1.59	ug/l	93
55) 1,1,2-Trichloroethane	10.598	97	814	0.33	ug/l #	22
57) 1,3-Dichloropropane	10.791	76	820	0.20	ug/l #	42
59) 2-Hexanone	10.804	43	111308	47.96	ug/l #	40
60) Dibromochloromethane	10.601	129	109420	37.65	ug/l #	10
64) Tetrachloroethene	10.601	164	130246	34.93	ug/l	94
76) 1,2,3-Trichloropropane	12.376	75	82236	25.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	82236	64.83	ug/l #	15
95) Naphthalene	15.116	128	65	3.38	ug/l #	69

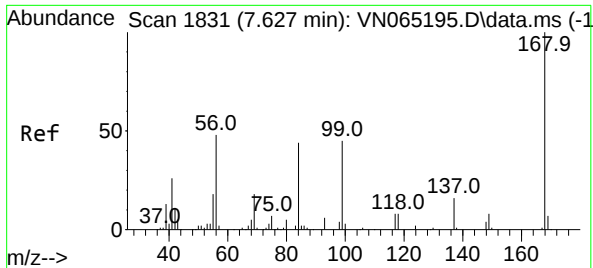
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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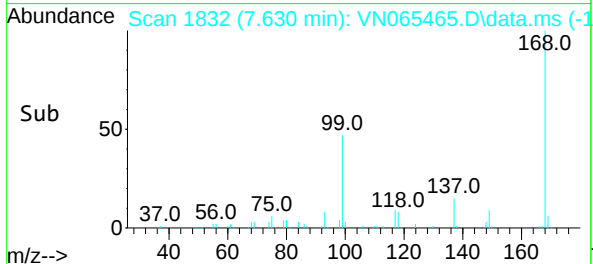
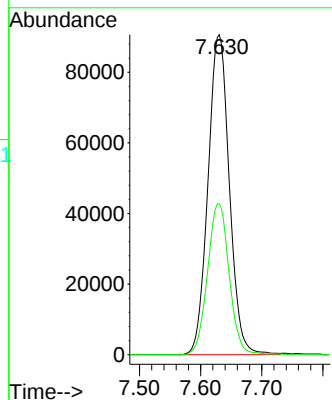
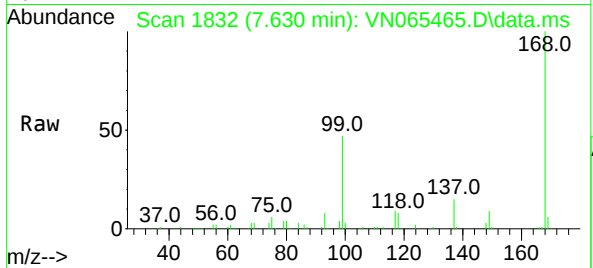




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

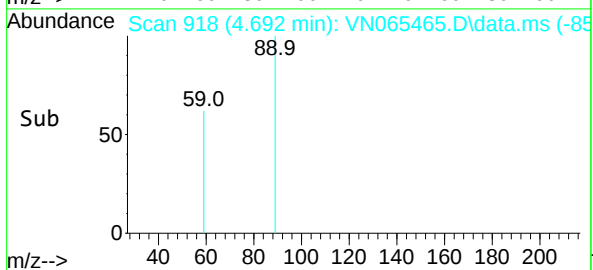
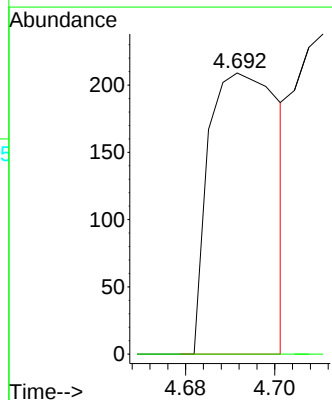
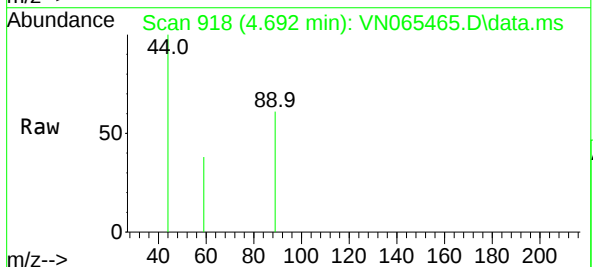
Instrument :
MSVOA_N
ClientSampled :

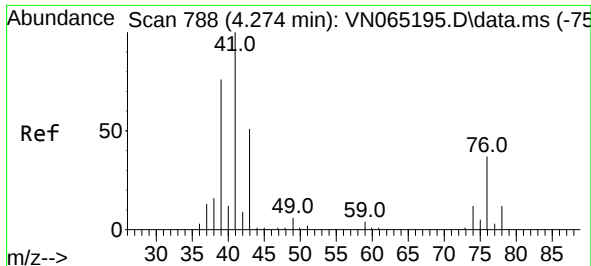
Tgt Ion:168 Resp: 219962
Ion Ratio Lower Upper
168 100
99 47.2 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 4.692 min Scan# 918
Delta R.T. -0.080 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#14

Allyl chloride

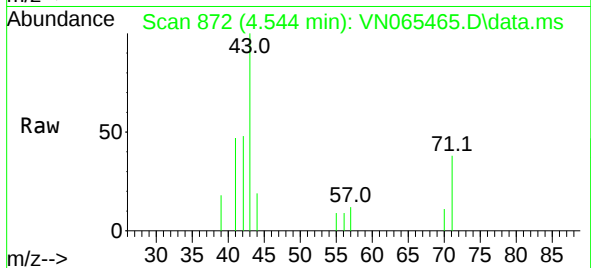
Concen: 1.05 ug/l

RT: 4.544 min Scan# 872

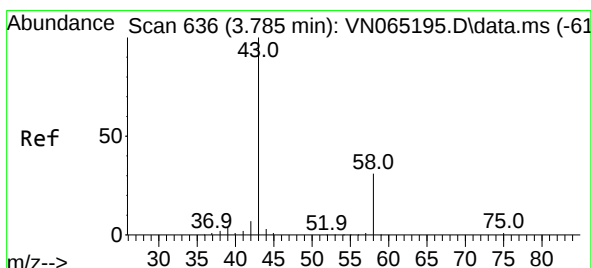
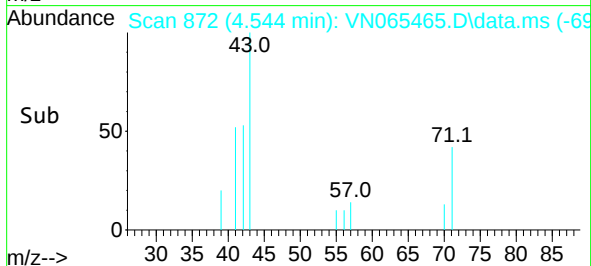
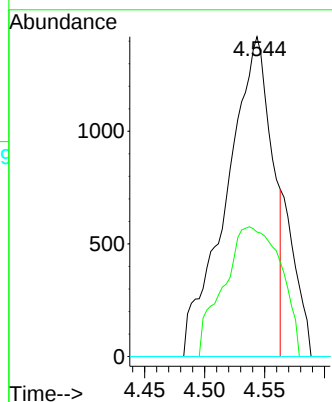
Delta R.T. 0.270 min

Lab File: VN065465.D

Acq: 11 Jan 2021 14:01



Tgt Ion:	41	Resp:	3749
Ion Ratio	Lower	Upper	
41	100		
39	45.6	50.9	76.3#
76	0.0	29.0	43.4#



#16

Acetone

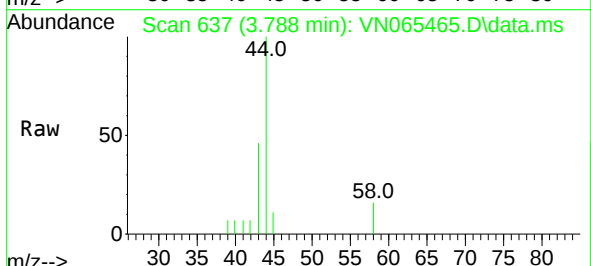
Concen: Below Cal

RT: 3.788 min Scan# 637

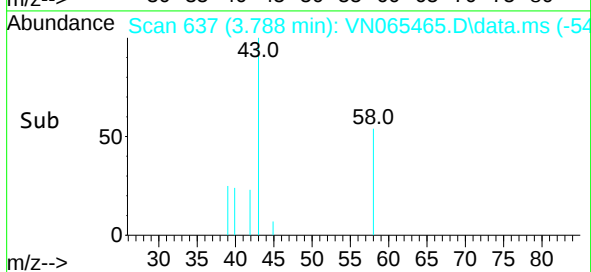
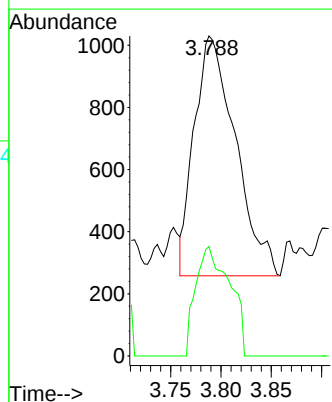
Delta R.T. 0.003 min

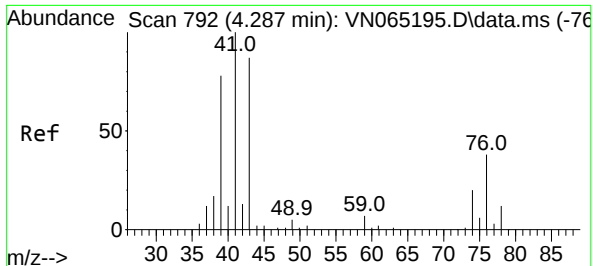
Lab File: VN065465.D

Acq: 11 Jan 2021 14:01



Tgt Ion:	43	Resp:	2206
Ion Ratio	Lower	Upper	
43	100		
58	45.6	25.7	38.5#





#18

Methyl Acetate

Concen: 0.44 ug/l

RT: 4.293 min Scan# 794

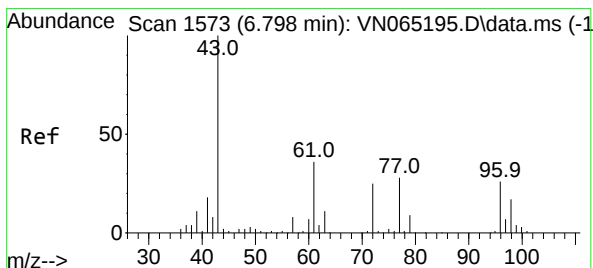
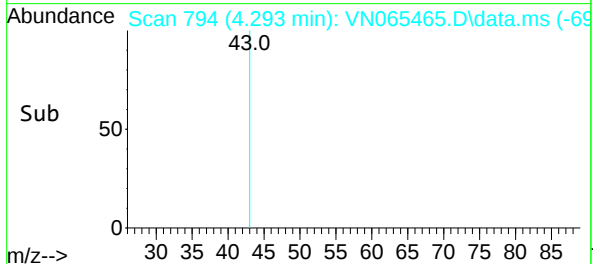
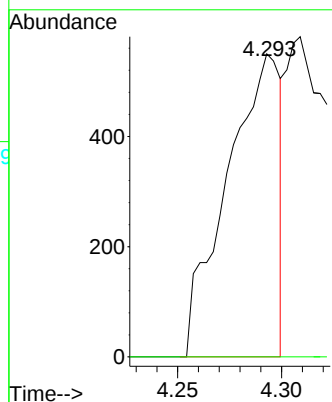
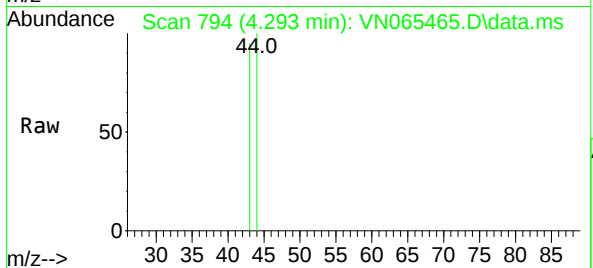
Delta R.T. 0.006 min

Lab File: VN065465.D

Acq: 11 Jan 2021 14:01

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#25

2-Butanone

Concen: 0.25 ug/l

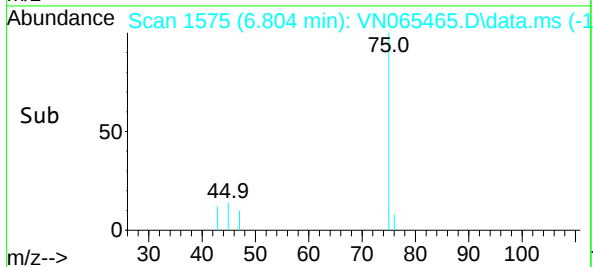
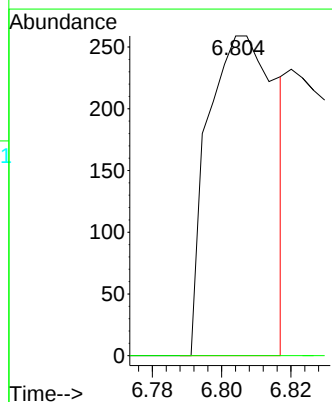
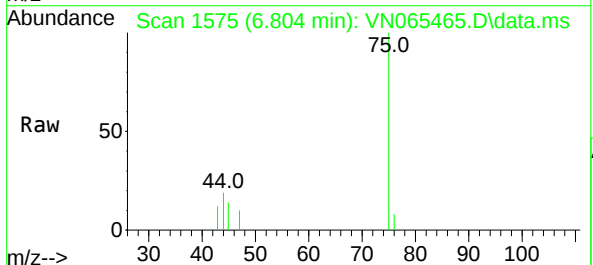
RT: 6.804 min Scan# 1575

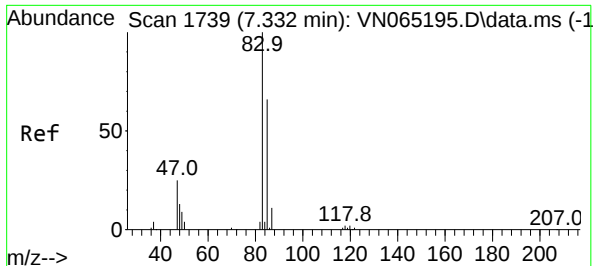
Delta R.T. 0.006 min

Lab File: VN065465.D

Acq: 11 Jan 2021 14:01

Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#





#30

Chloroform

Concen: 0.41 ug/l

RT: 7.338 min Scan# 1741

Delta R.T. 0.006 min

Lab File: VN065465.D

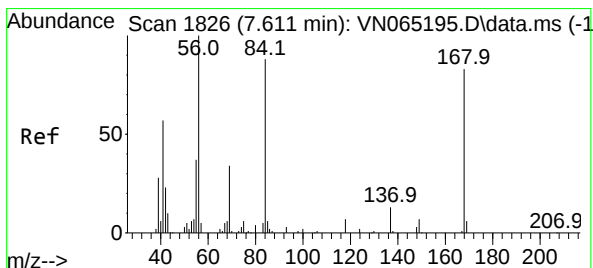
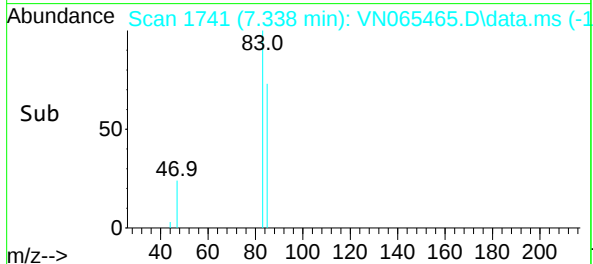
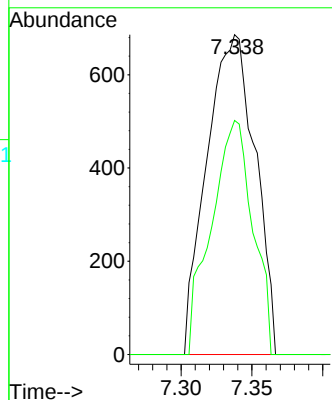
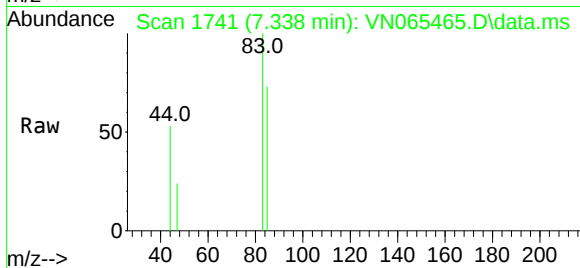
Acq: 11 Jan 2021 14:01

Tgt Ion: 83 Resp: 1628

Ion Ratio Lower Upper

83 100

85 73.2 52.6 78.8



#31

Cyclohexane

Concen: 1.17 ug/l

RT: 7.630 min Scan# 1832

Delta R.T. 0.019 min

Lab File: VN065465.D

Acq: 11 Jan 2021 14:01

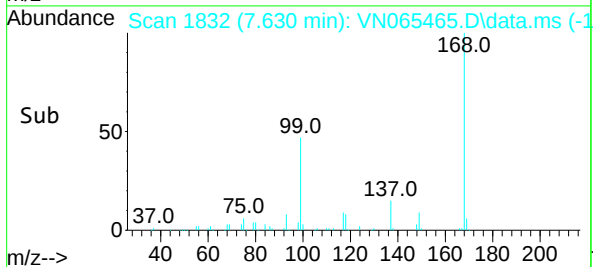
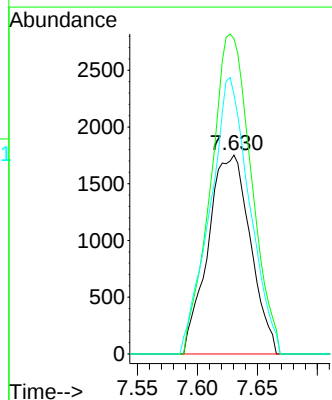
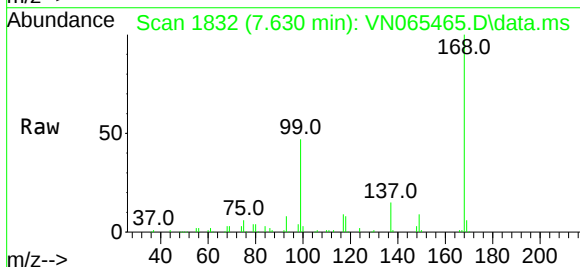
Tgt Ion: 56 Resp: 4287

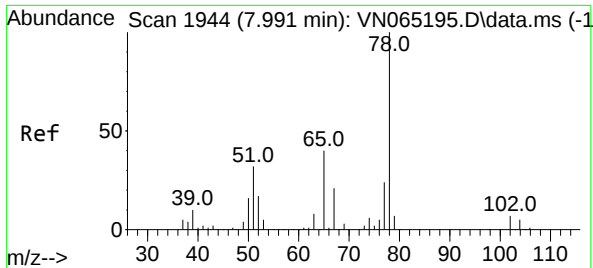
Ion Ratio Lower Upper

56 100

69 158.5 27.5 41.3#

84 130.5 73.9 110.9#

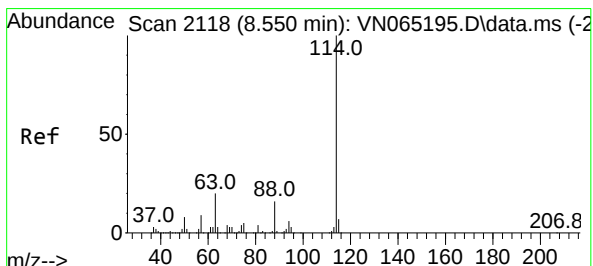
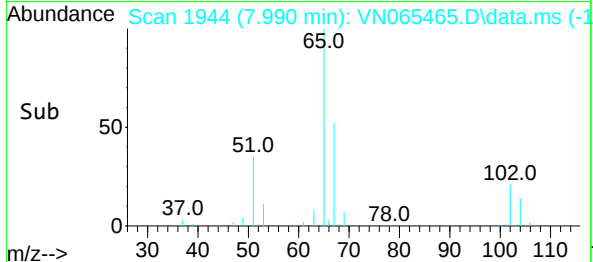
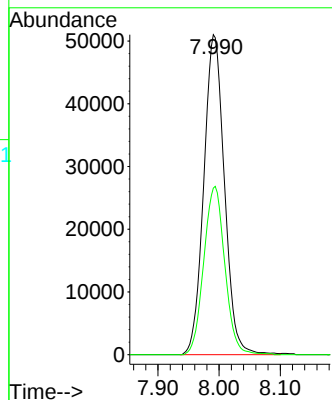
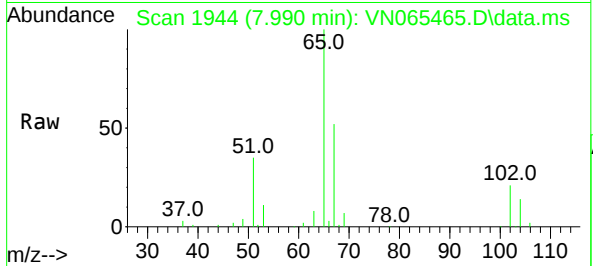




#33
 1,2-Dichloroethane-d4
 Concen: 48.32 ug/l
 RT: 7.990 min Scan# 1944
 Delta R.T. -0.001 min
 Lab File: VN065465.D
 Acq: 11 Jan 2021 14:01

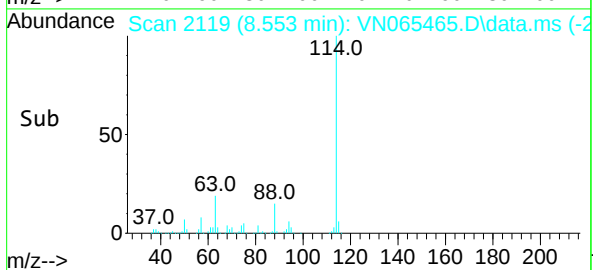
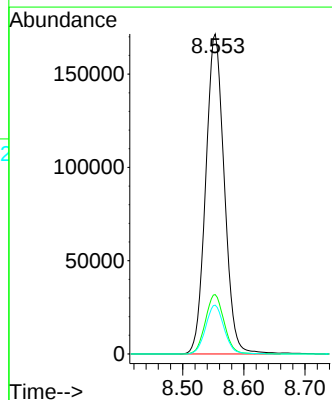
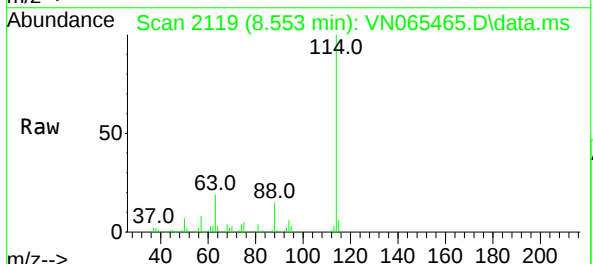
Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion: 65 Resp: 119978
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.553 min Scan# 2119
 Delta R.T. 0.003 min
 Lab File: VN065465.D
 Acq: 11 Jan 2021 14:01

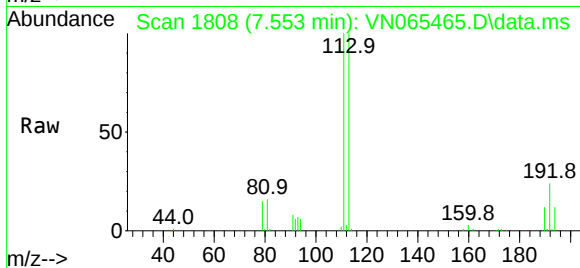
Tgt Ion: 114 Resp: 361486
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.3 0.0 32.6



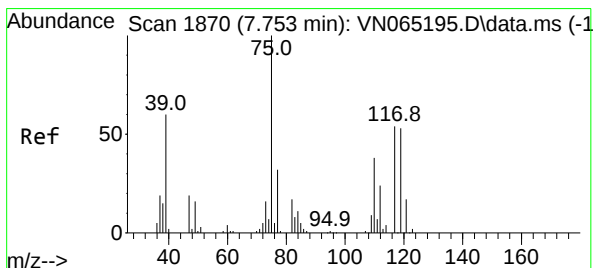
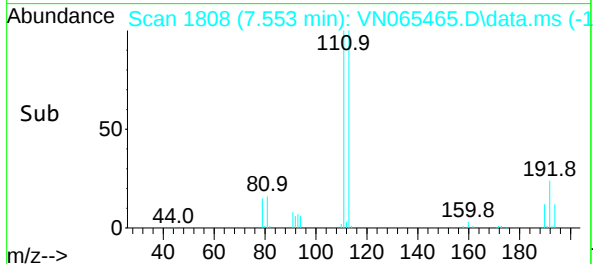
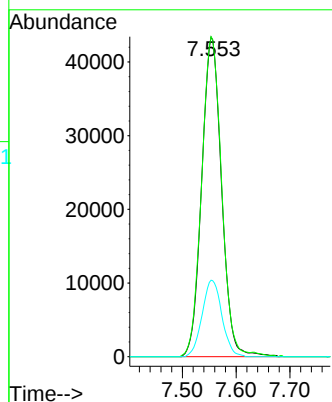


#35
Dibromofluoromethane
Concen: 50.95 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

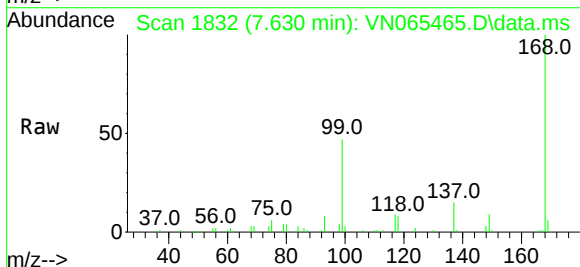
Instrument :
MSVOA_N
ClientSampleId :



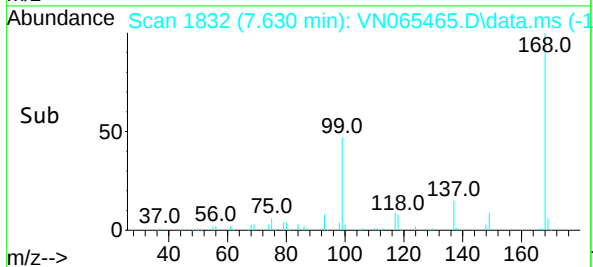
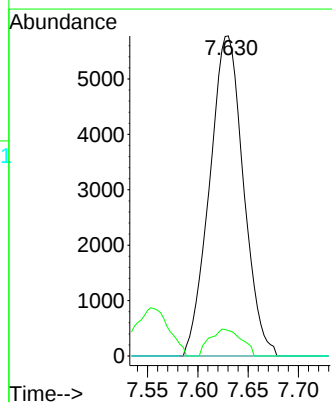
Tgt Ion:113 Resp: 111126
Ion Ratio Lower Upper
113 100
111 100.3 81.6 122.4
192 23.9 16.2 24.2

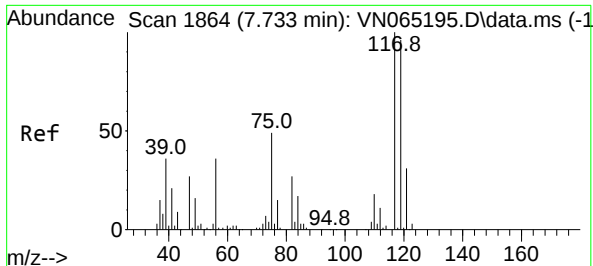


#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01



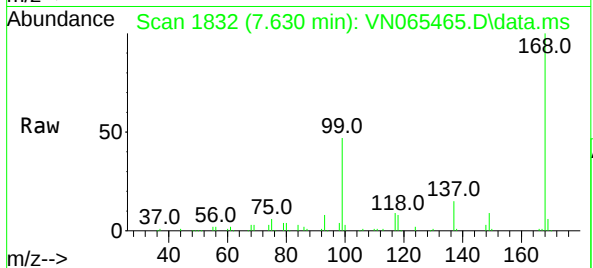
Tgt Ion: 75 Resp: 13526
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 25.0 37.4#



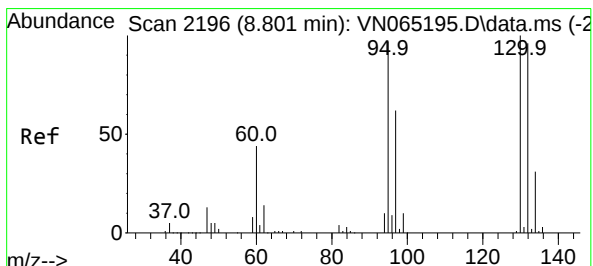
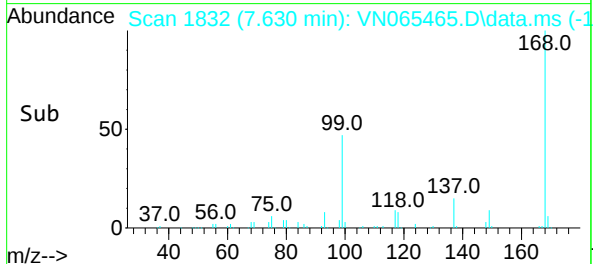
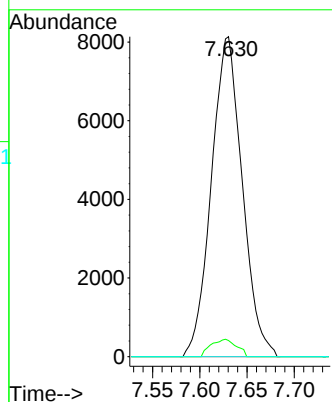


#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :

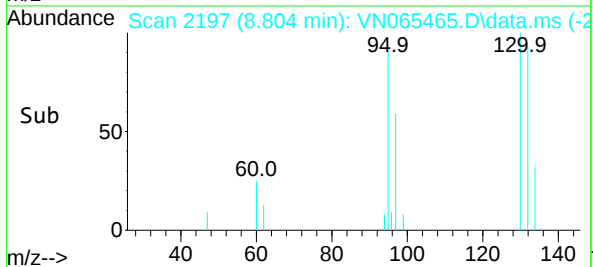
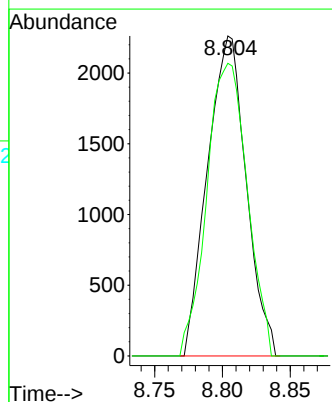
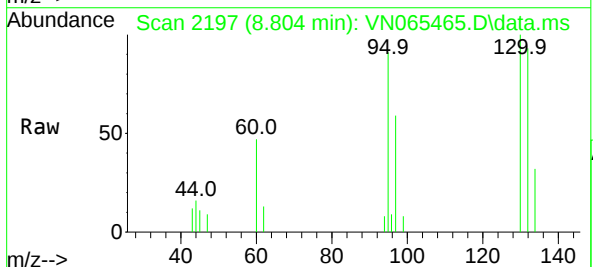


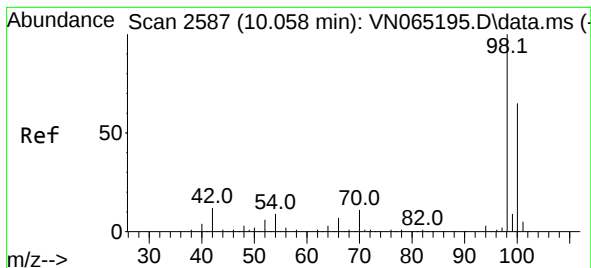
Tgt Ion:117 Resp: 18468
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#



#44
Trichloroethene
Concen: 1.59 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

Tgt Ion:130 Resp: 4487
Ion Ratio Lower Upper
130 100
95 91.5 0.0 197.8

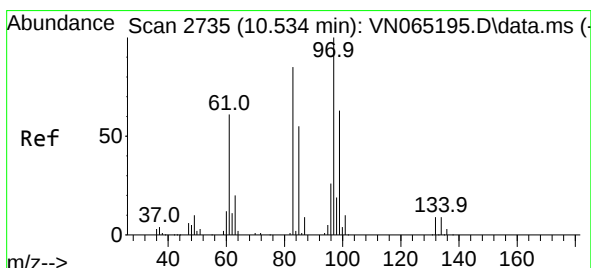
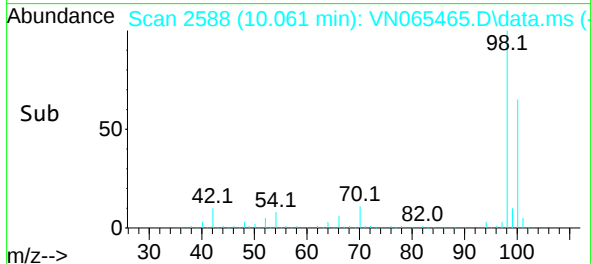
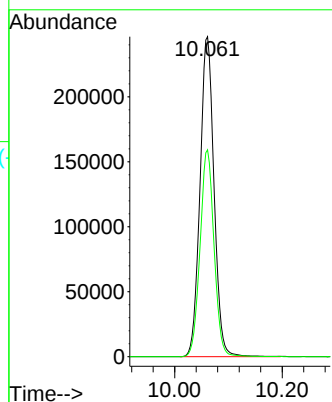
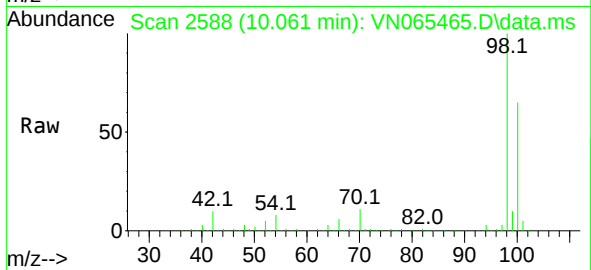




#50
Toluene-d8
Concen: 54.57 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

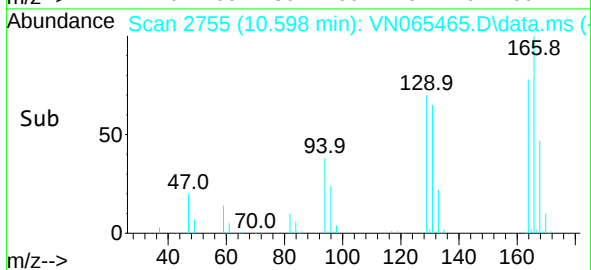
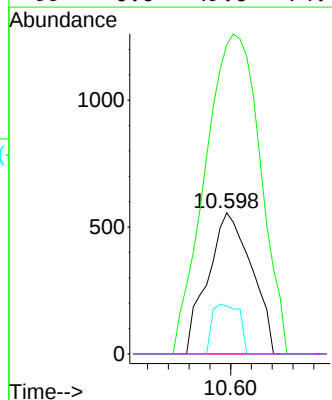
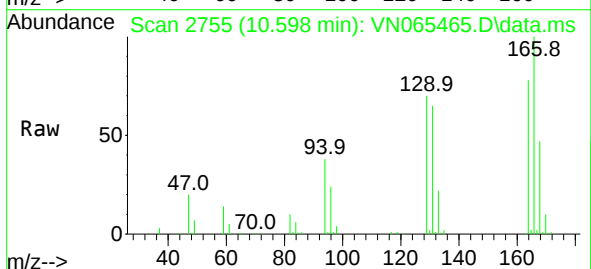
Instrument :
MSVOA_N
ClientSampled :

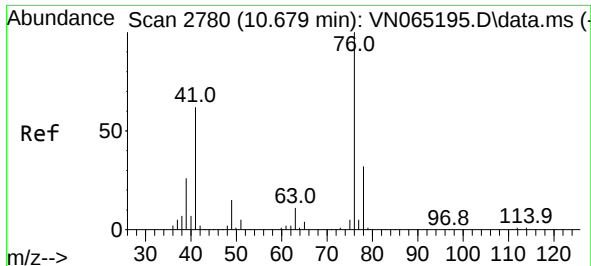
Tgt Ion: 98 Resp: 446072
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 0.33 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.064 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

Tgt Ion: 97 Resp: 814
Ion Ratio Lower Upper
97 100
83 190.3 72.1 108.1#
85 34.0 46.8 70.2#
99 0.0 49.6 74.4#

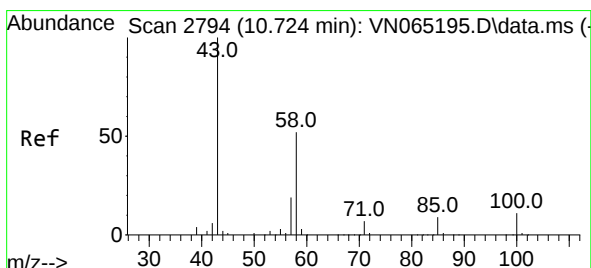
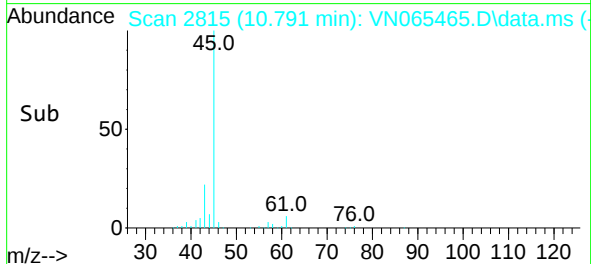
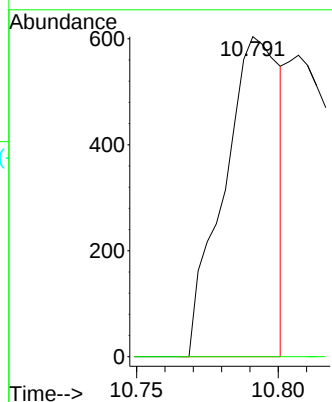
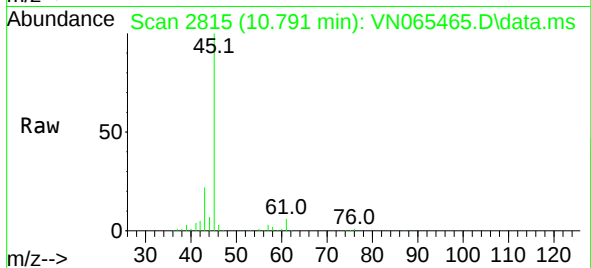




#57
1,3-Dichloropropane
Concen: 0.20 ug/l
RT: 10.791 min Scan# 2815
Delta R.T. 0.112 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

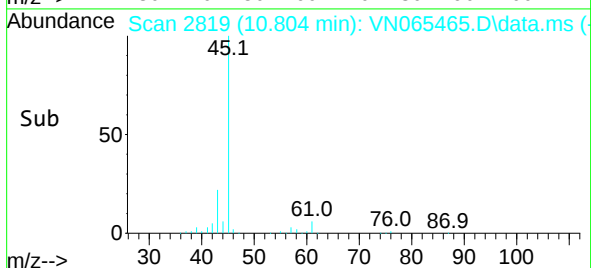
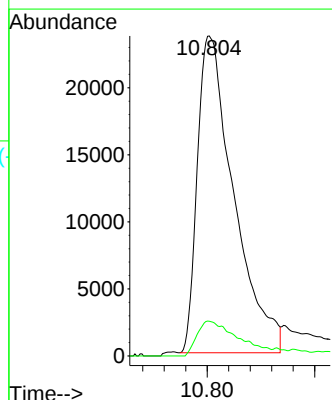
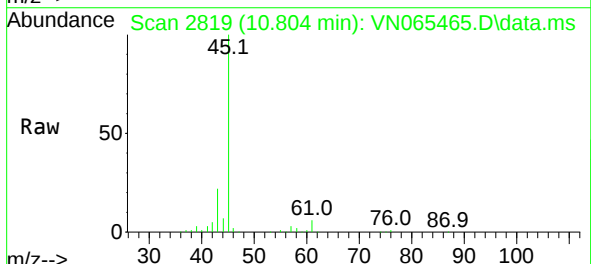
Instrument :
MSVOA_N
ClientSampled :

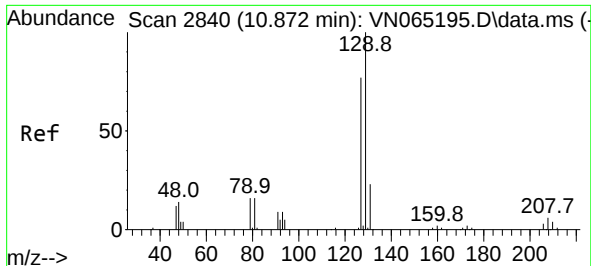
Tgt Ion: 76 Resp: 820
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 47.96 ug/l
RT: 10.804 min Scan# 2819
Delta R.T. 0.080 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

Tgt Ion: 43 Resp: 111308
Ion Ratio Lower Upper
43 100
58 12.4 28.3 84.9#

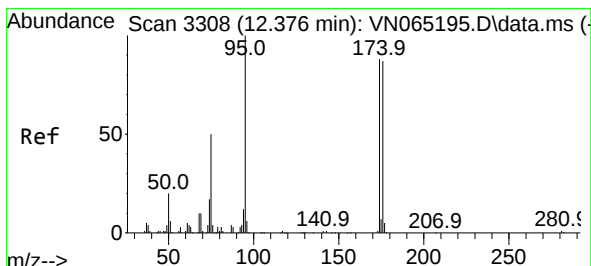
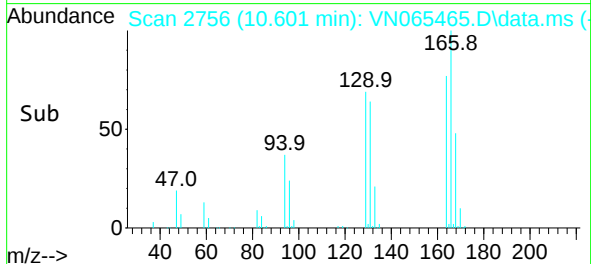
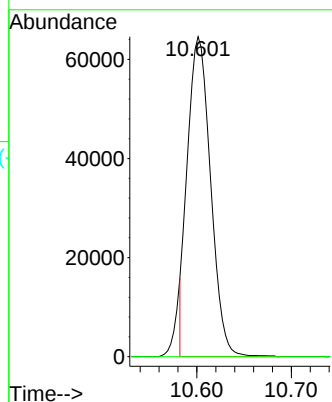
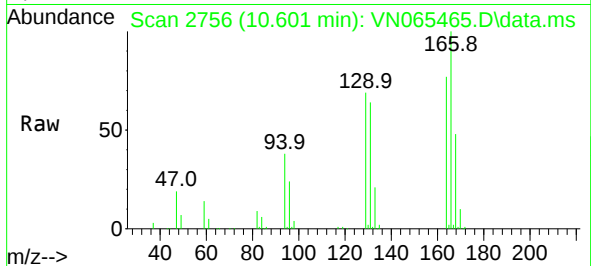




#60
Dibromochloromethane
Concen: 37.65 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

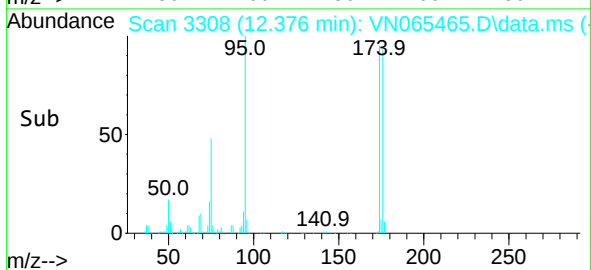
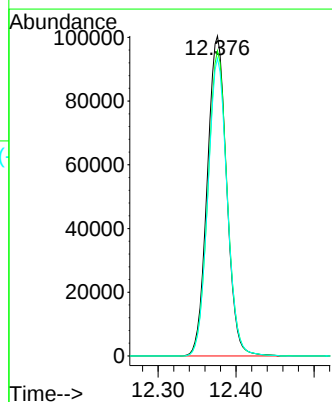
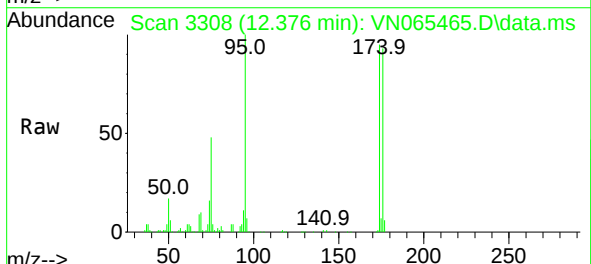
Instrument :
MSVOA_N
ClientSampleId :

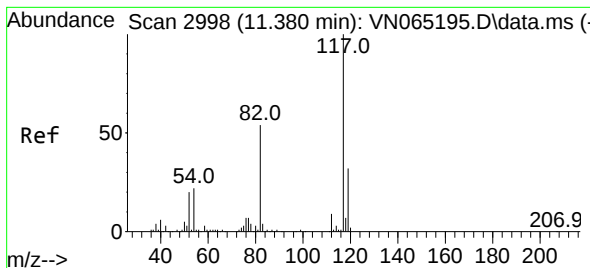
Tgt Ion:129 Resp: 109420
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 53.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

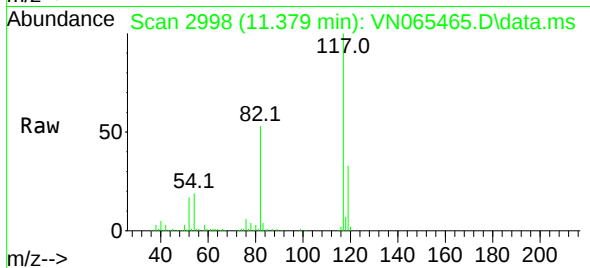
Tgt Ion: 95 Resp: 173367
Ion Ratio Lower Upper
95 100
174 94.9 0.0 160.4
176 92.7 0.0 158.4



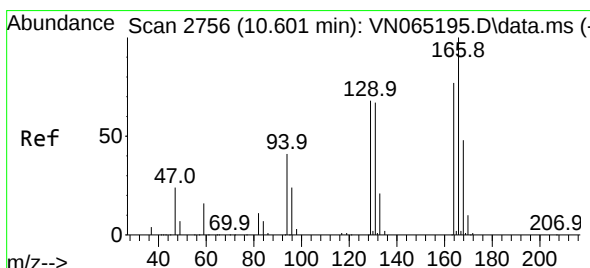
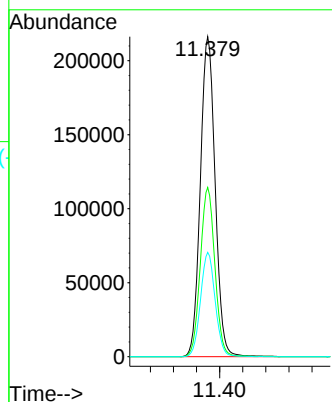
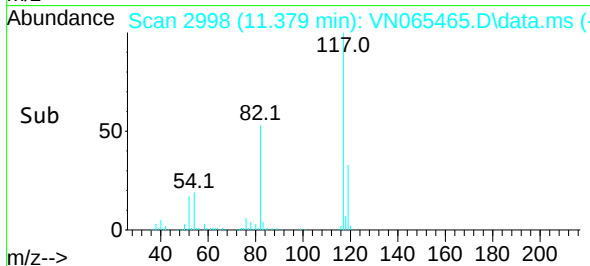


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

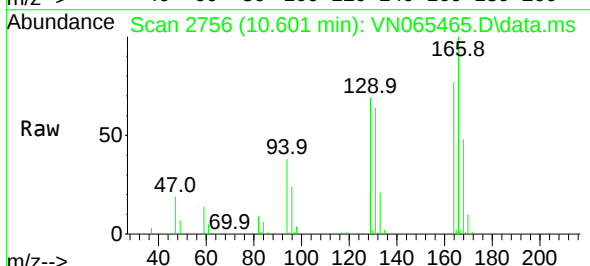
Instrument :
MSVOA_N
ClientSampleId :



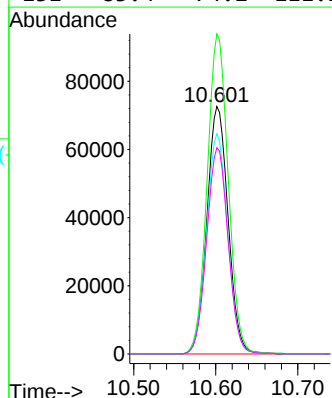
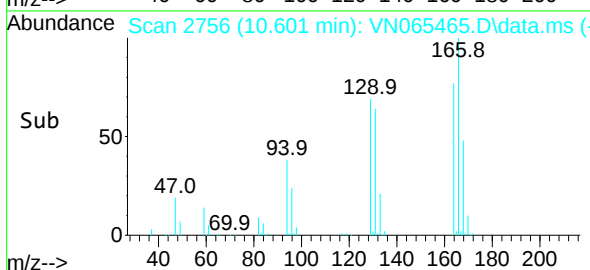
Tgt Ion:117 Resp: 383985
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.6 25.8 38.6

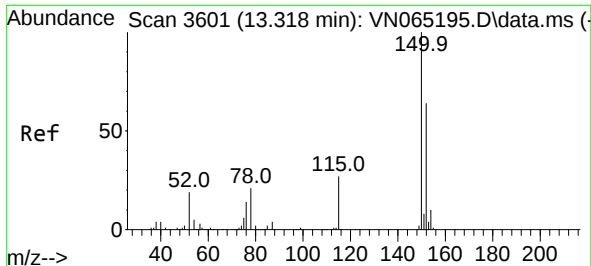


#64
Tetrachloroethene
Concen: 34.93 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01



Tgt Ion:164 Resp: 130246
Ion Ratio Lower Upper
164 100
166 129.3 101.4 152.0
129 89.0 76.1 114.1
131 83.4 74.2 111.2

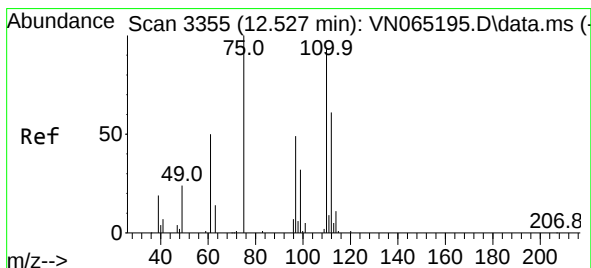
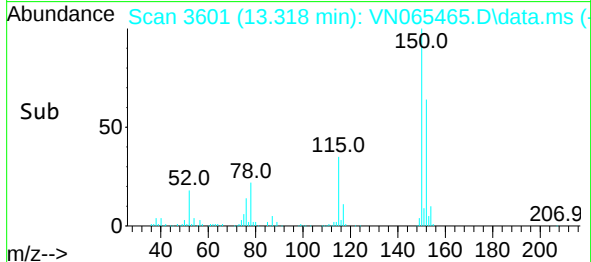
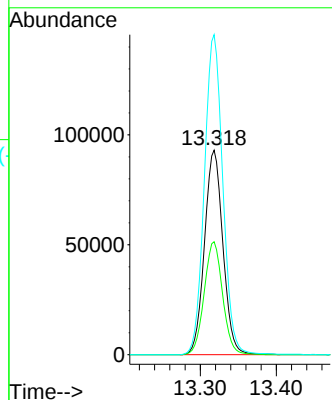
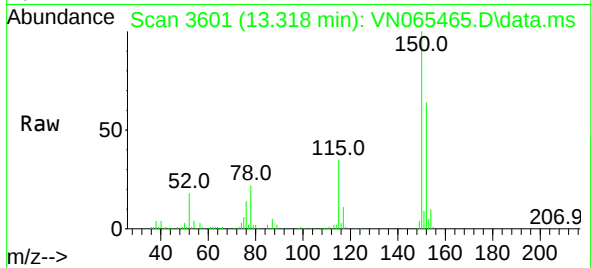




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

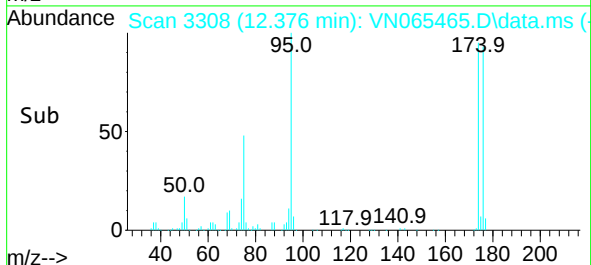
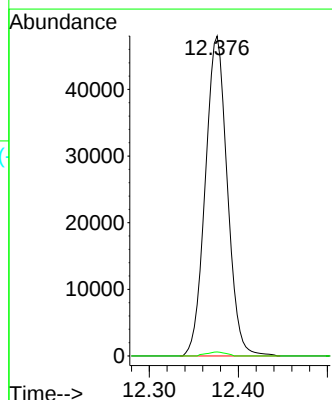
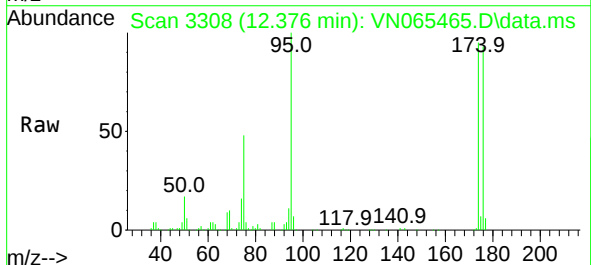
Instrument :
MSVOA_N
ClientSampled :

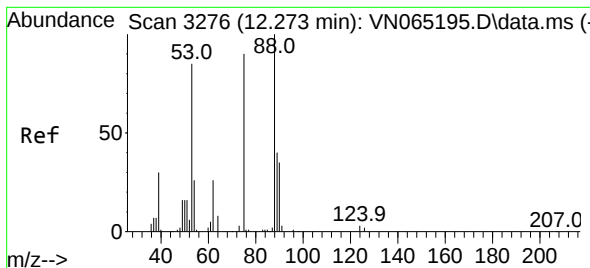
Tgt Ion:152 Resp: 156784
Ion Ratio Lower Upper
152 100
115 55.1 29.7 89.1
150 156.7 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 25.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

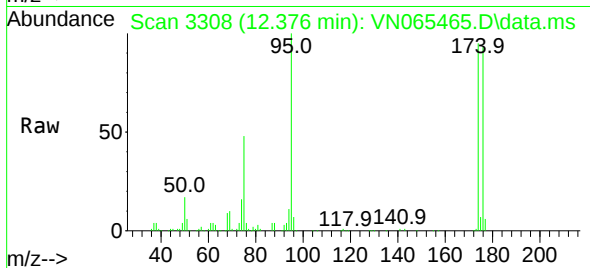
Tgt Ion: 75 Resp: 82236
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



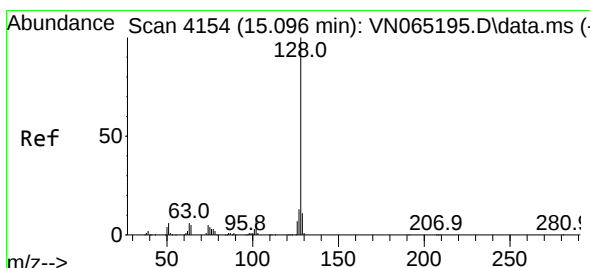
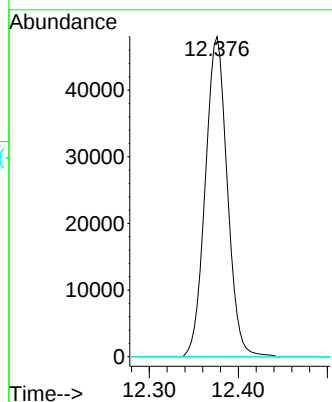
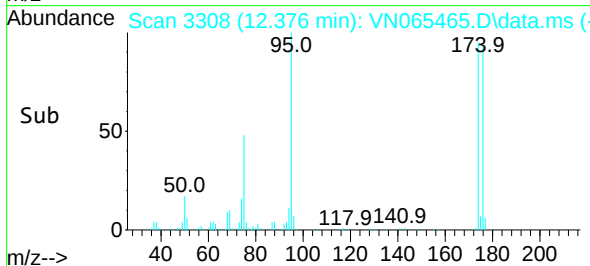


#81
trans-1,4-Dichloro-2-butene
Concen: 64.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01

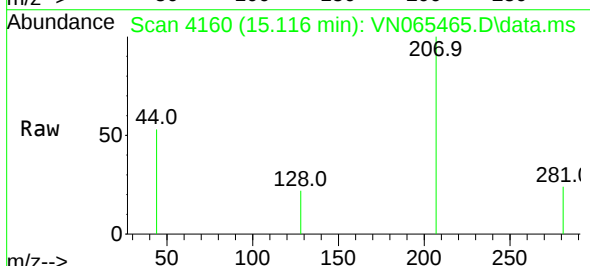
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 82236
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: 15.116 min Scan# 4160
Delta R.T. 0.020 min
Lab File: VN065465.D
Acq: 11 Jan 2021 14:01



Tgt Ion: 128 Resp: 65
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

