

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065479.D
 Acq On : 11 Jan 2021 19:47
 Operator : JC/MD
 Sample : M1044-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 00:11:51 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)

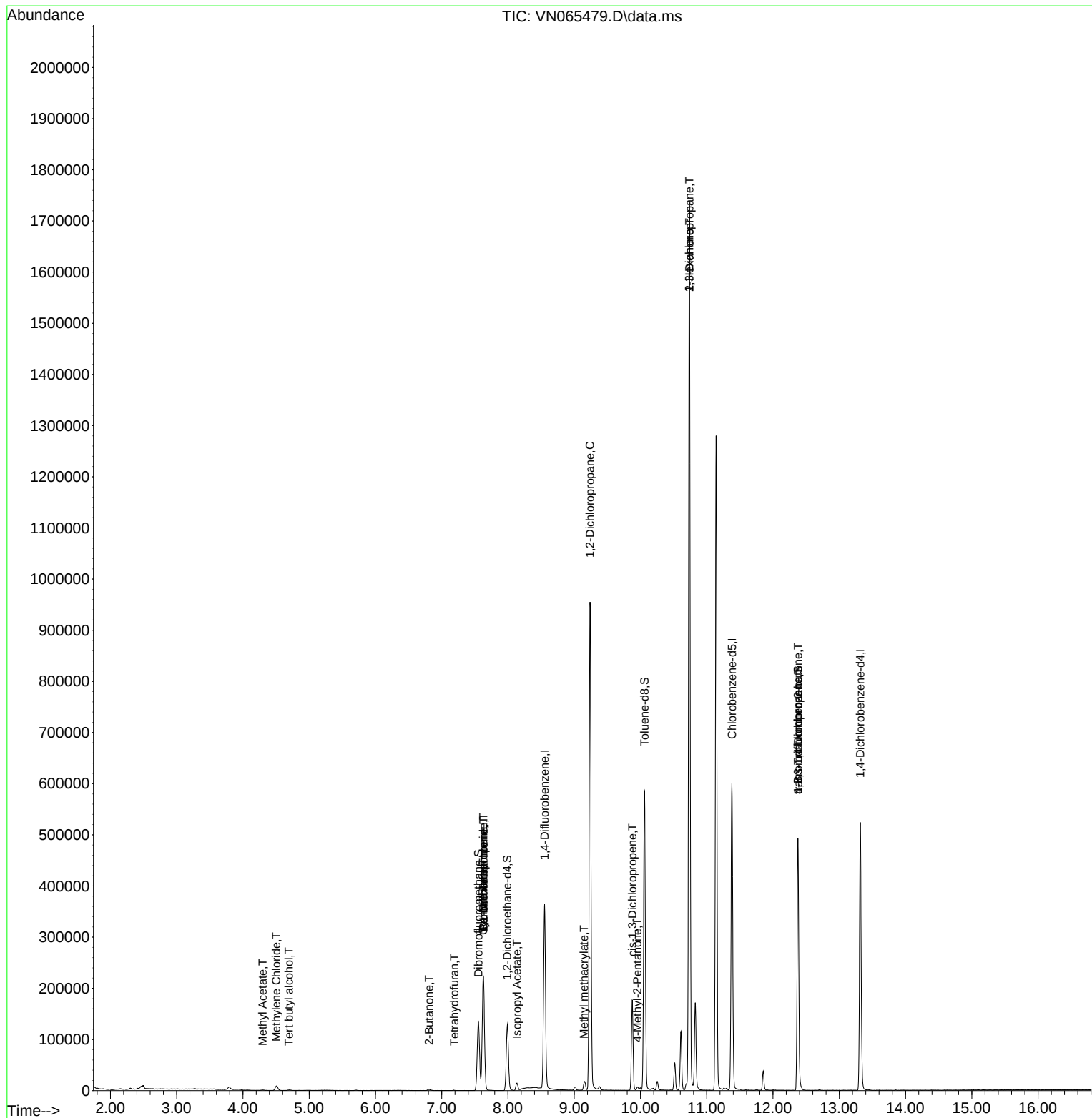
Internal Standards						
1) Pentafluorobenzene	7.627	168	206501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	342862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	378810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	161212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	114026	48.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.82%		
35) Dibromofluoromethane	7.553	113	103789	50.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.36%		
50) Toluene-d8	10.061	98	430036	55.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.94%		
62) 4-Bromofluorobenzene	12.376	95	171029	55.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.38%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.692	59	515	1.35	ug/l #	73
16) Acetone	3.792	43	8352	Below Cal		91
18) Methyl Acetate	4.300	43	2119	1.01	ug/l #	75
20) Methylene Chloride	4.502	84	7163	3.15	ug/l #	87
25) 2-Butanone	6.807	43	1492	1.14	ug/l #	49
29) Tetrahydrofuran	7.190	42	584	0.69	ug/l #	45
31) Cyclohexane	7.624	56	3037	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	12322	3.95	ug/l #	48
38) Carbon Tetrachloride	7.627	117	17405	5.32	ug/l #	16
43) Isopropyl Acetate	8.135	43	17736	3.33	ug/l	97
45) 1,2-Dichloropropane	9.238	63	1166	0.48	ug/l #	43
48) Methyl methacrylate	9.148	41	4573	1.77	ug/l #	12
51) 4-Methyl-2-Pentanone	9.952	43	4705	1.57	ug/l	95
54) cis-1,3-Dichloropropene	9.878	75	33326	8.06	ug/l #	60
57) 1,3-Dichloropropane	10.737	76	18736	4.91	ug/l #	42
59) 2-Hexanone	10.737	43	245252	111.41	ug/l #	49
76) 1,2,3-Trichloropropane	12.376	75	82742	25.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	82742	63.44	ug/l #	15

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

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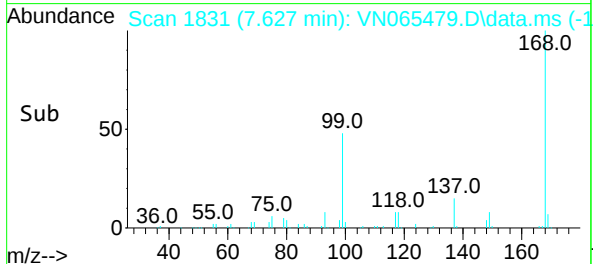
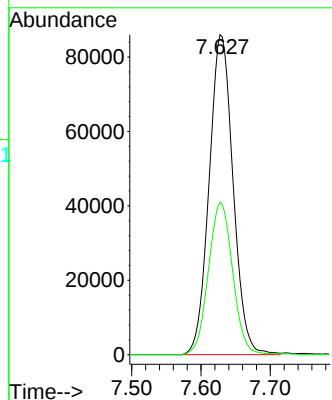
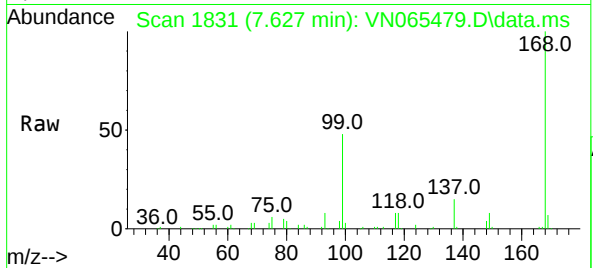




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

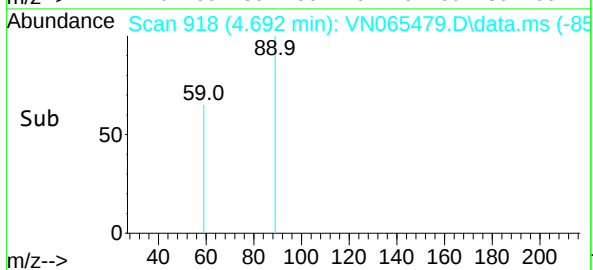
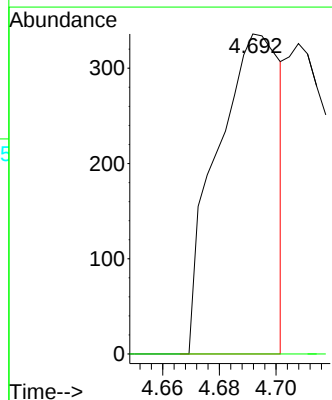
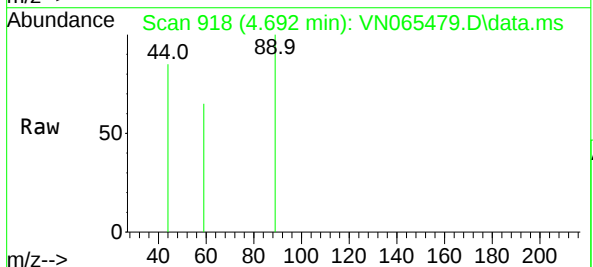
Instrument :
MSVOA_N
ClientSampleId :

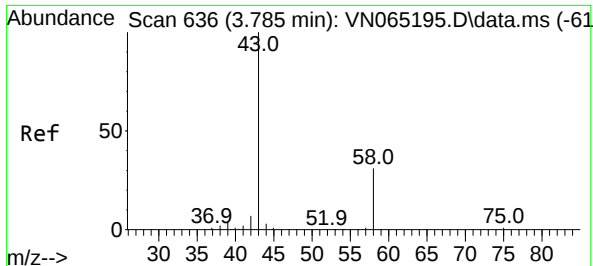
Tgt Ion:168 Resp: 206501
Ion Ratio Lower Upper
168 100
99 47.7 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.35 ug/l
RT: 4.692 min Scan# 918
Delta R.T. -0.080 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

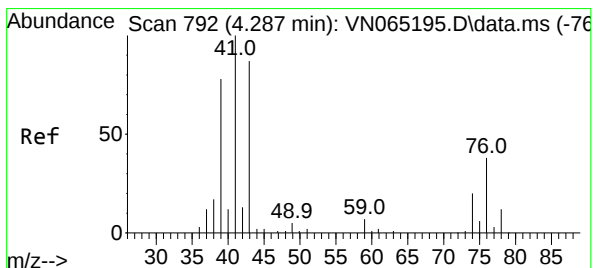
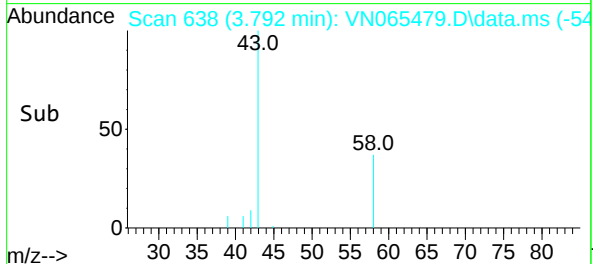
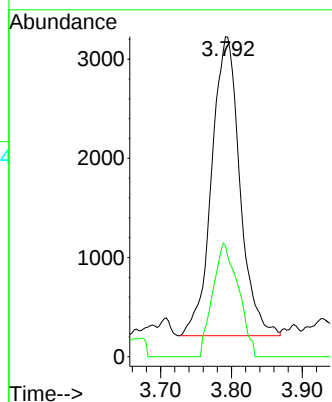
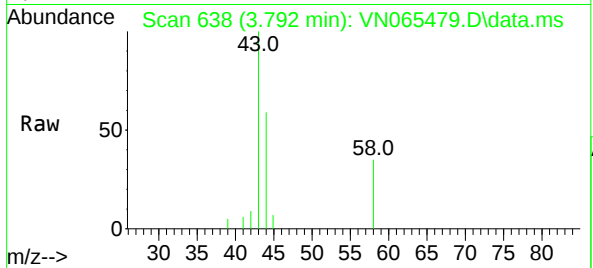




#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

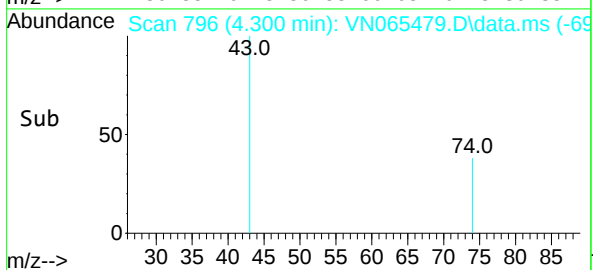
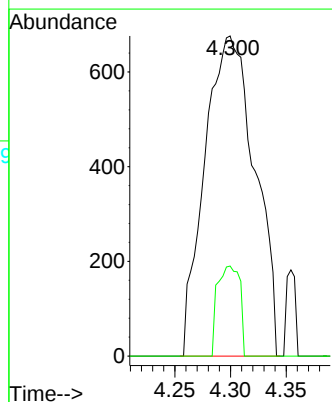
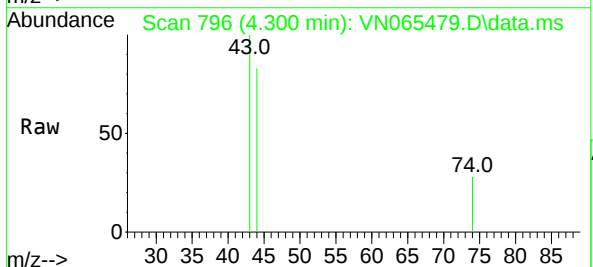
Instrument :
MSVOA_N
ClientSampled :

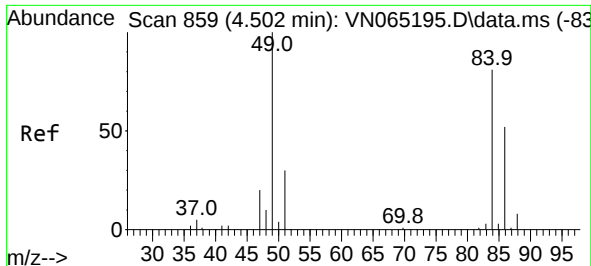
Tgt Ion: 43 Resp: 8352
Ion Ratio Lower Upper
43 100
58 37.0 25.7 38.5



#18
Methyl Acetate
Concen: 1.01 ug/l
RT: 4.300 min Scan# 796
Delta R.T. 0.013 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

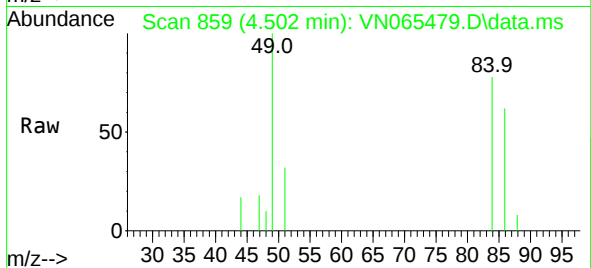
Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
74 12.5 20.2 30.2#



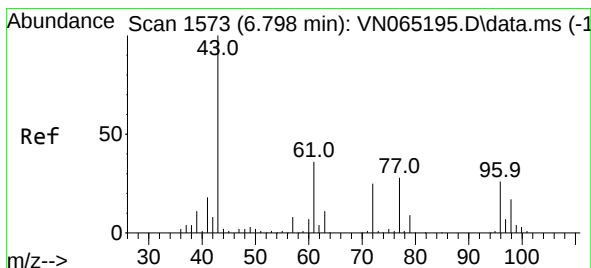
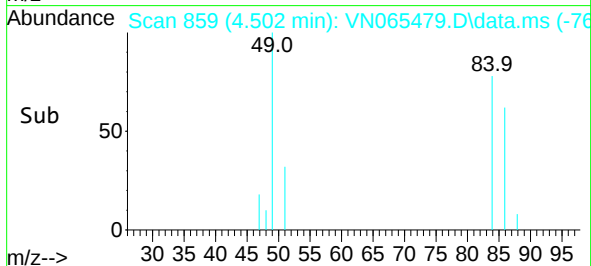
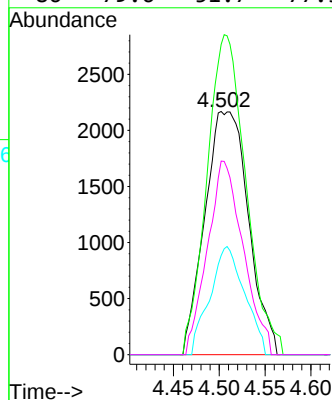


#20
Methylene Chloride
Concen: 3.15 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

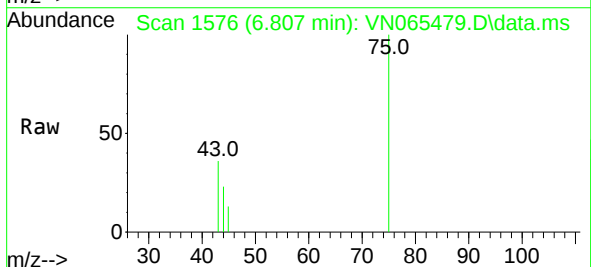
Instrument :
MSVOA_N
ClientSampleId :



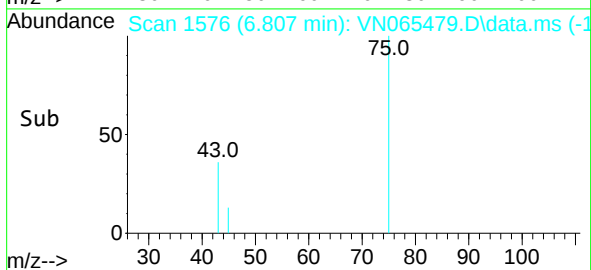
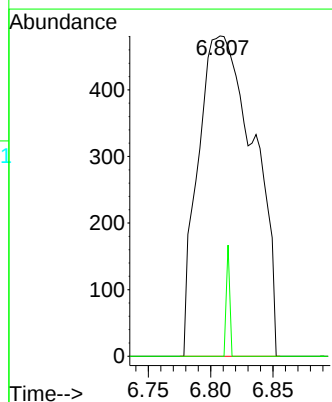
Tgt Ion:	84	Resp:	7163
Ion	Ratio	Lower	Upper
84	100		
49	127.6	93.4	140.0
51	40.8	28.2	42.4
86	79.6	51.7	77.5

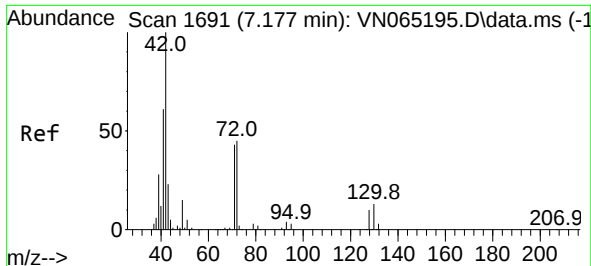


#25
2-Butanone
Concen: 1.14 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47



Tgt Ion:	43	Resp:	1492
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 7.190 min Scan# 1695

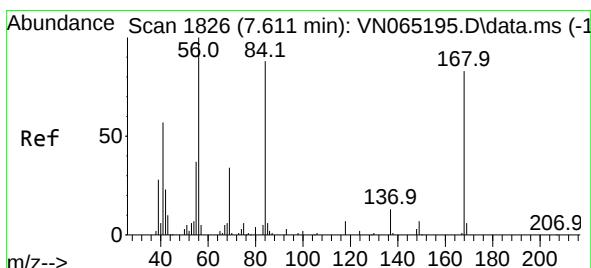
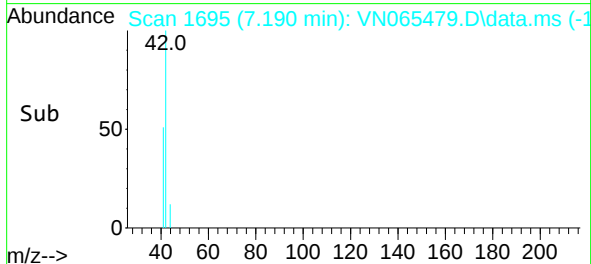
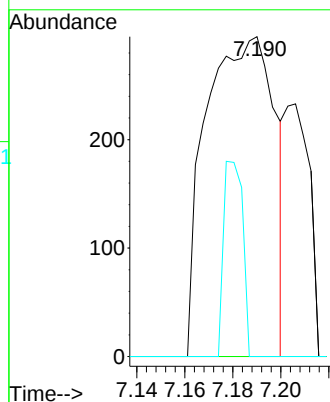
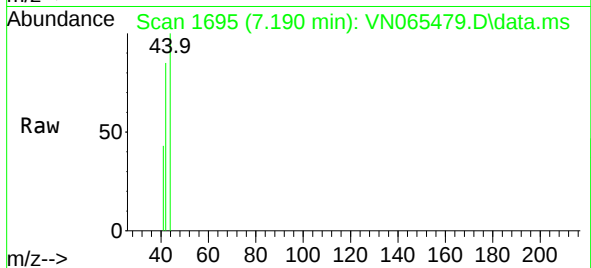
Delta R.T. 0.013 min

Lab File: VN065479.D

Acq: 11 Jan 2021 19:47

Tgt Ion:	42	Resp:	584
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	17.0	33.6	50.4#

Instrument :
MSVOA_N
ClientSampleId :



#31

Cyclohexane

Concen: 0.88 ug/l

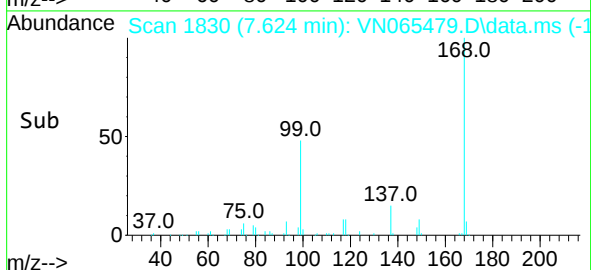
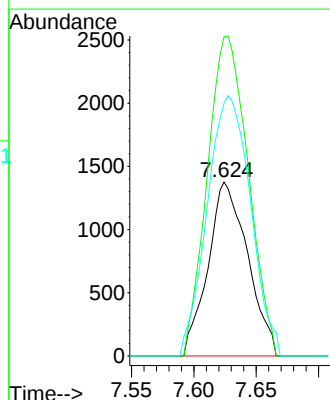
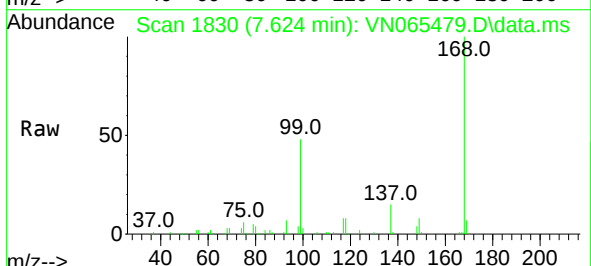
RT: 7.624 min Scan# 1830

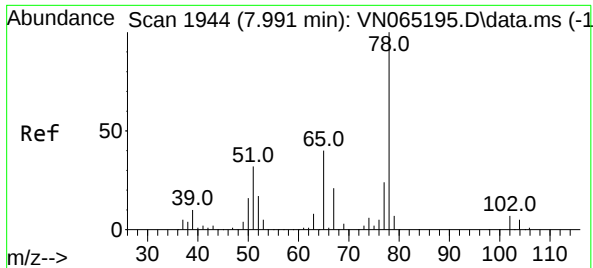
Delta R.T. 0.013 min

Lab File: VN065479.D

Acq: 11 Jan 2021 19:47

Tgt Ion:	56	Resp:	3037
Ion	Ratio	Lower	Upper
56	100		
69	183.6	27.5	41.3#
84	145.3	73.9	110.9#

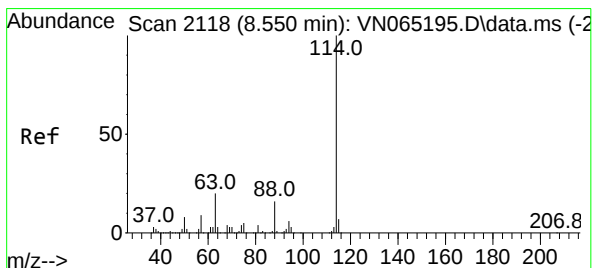
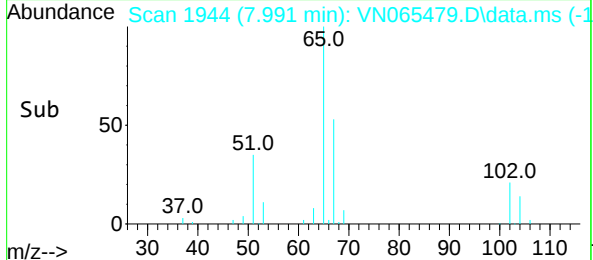
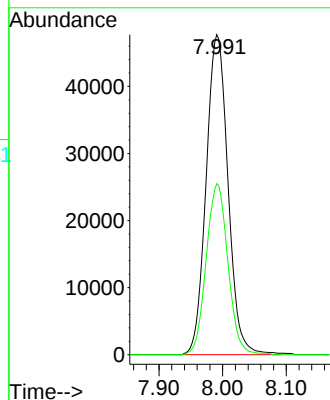
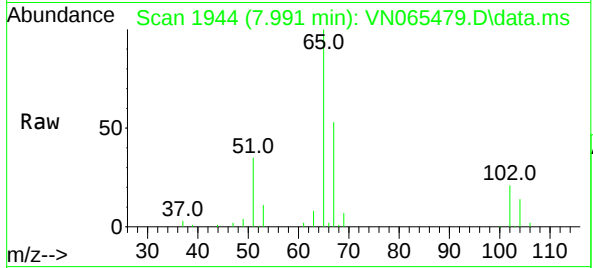




#33
1,2-Dichloroethane-d4
Concen: 48.91 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

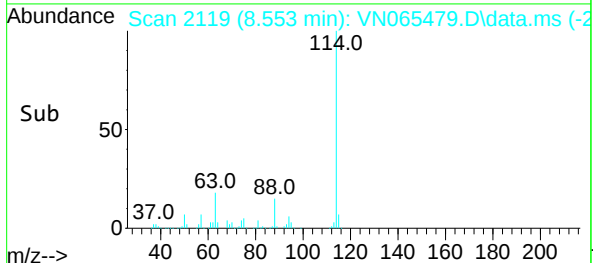
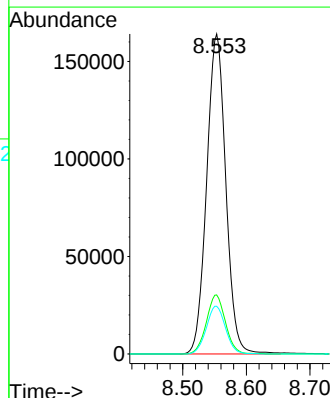
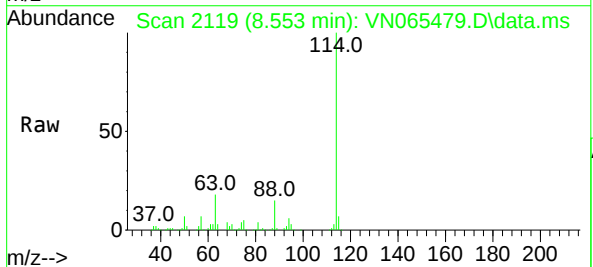
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 114026
Ion Ratio Lower Upper
65 100
67 53.1 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: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 114 Resp: 342862
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.6
88 14.9 0.0 32.6

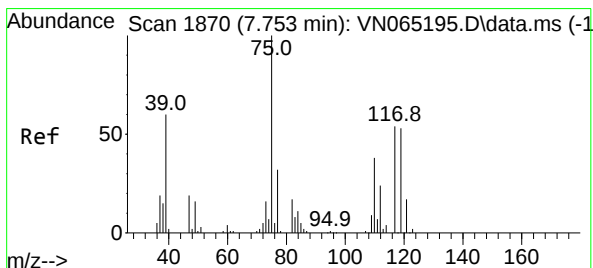
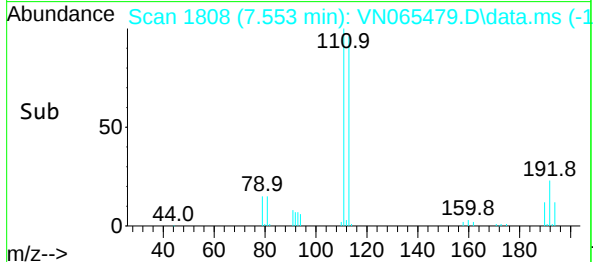
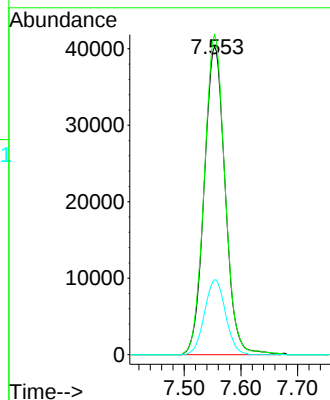
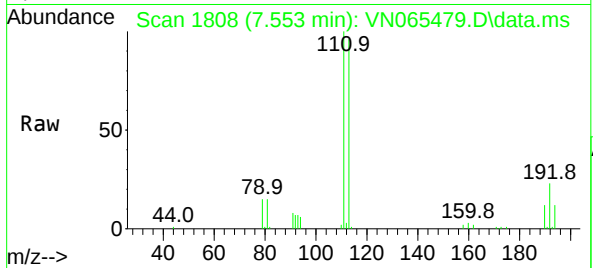




#35
Dibromofluoromethane
Concen: 50.18 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

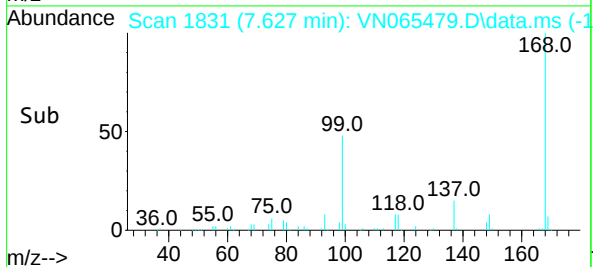
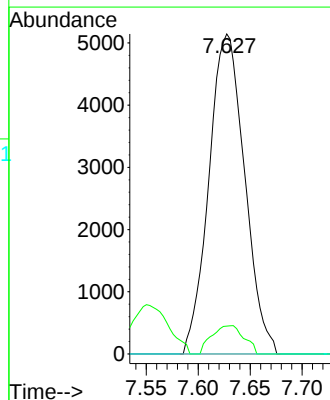
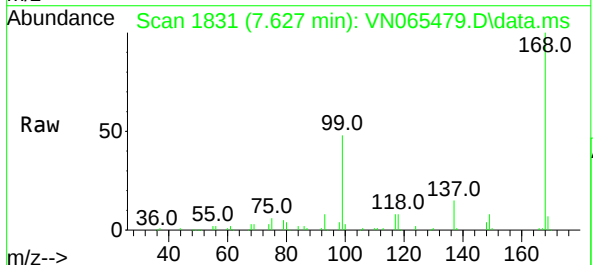
Instrument :
MSVOA_N
ClientSampleId :

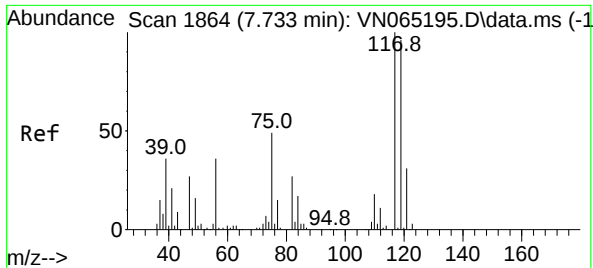
Tgt Ion:113 Resp: 103789
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 24.4 16.2 24.2#



#36
1,1-Dichloropropene
Concen: 3.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

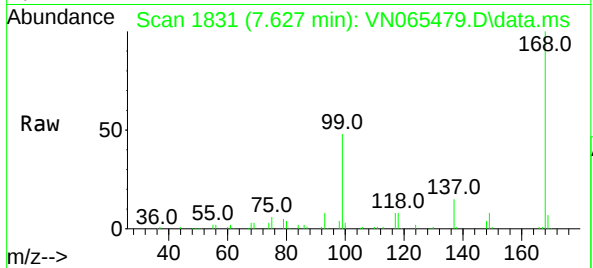
Tgt Ion: 75 Resp: 12322
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.3#
77 0.0 25.0 37.4#



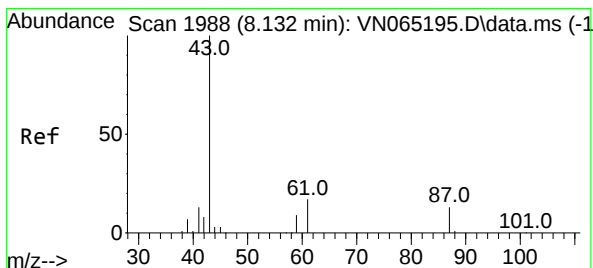
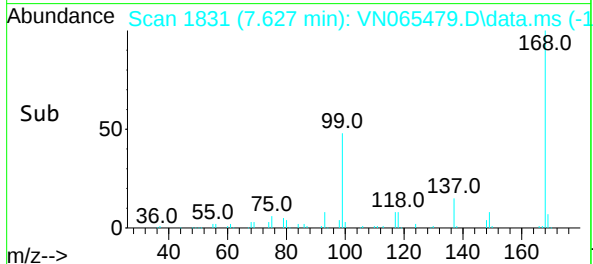
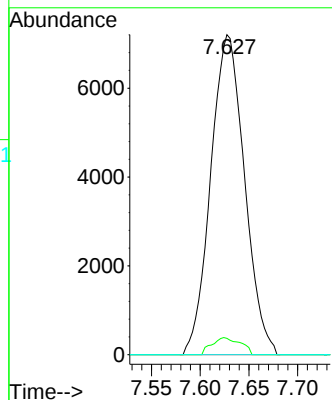


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Instrument :
MSVOA_N
ClientSampleId :

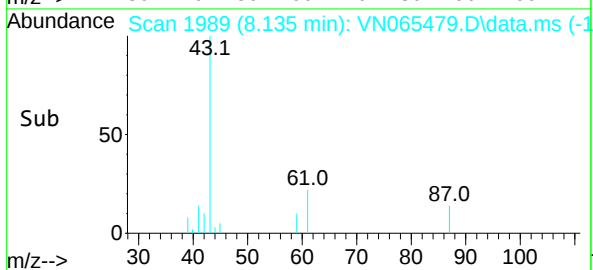
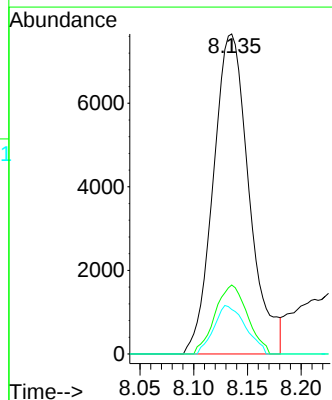
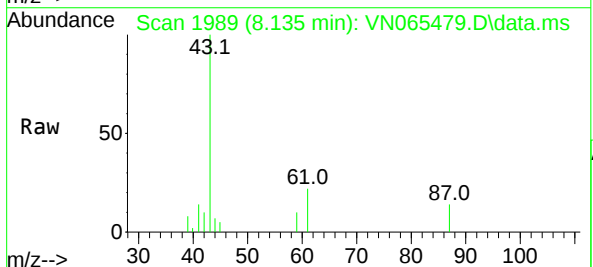


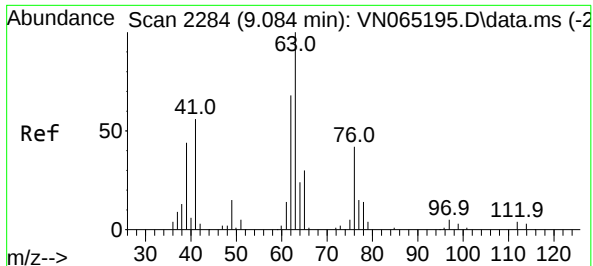
Tgt Ion:117 Resp: 17405
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 3.33 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 43 Resp: 17736
Ion Ratio Lower Upper
43 100
61 19.6 17.2 25.8
87 13.3 11.4 17.0

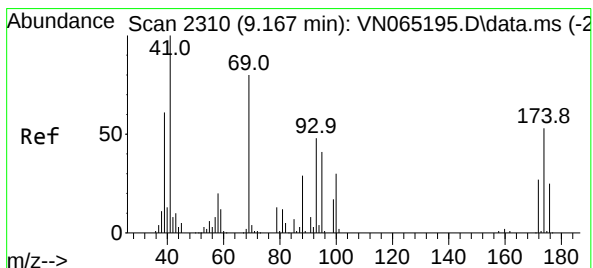
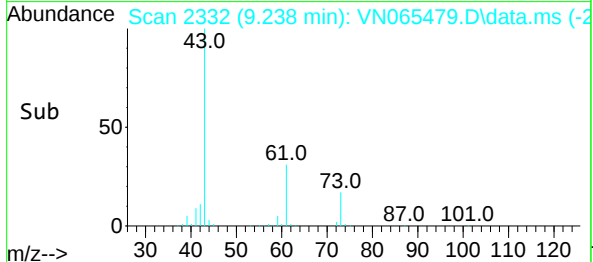
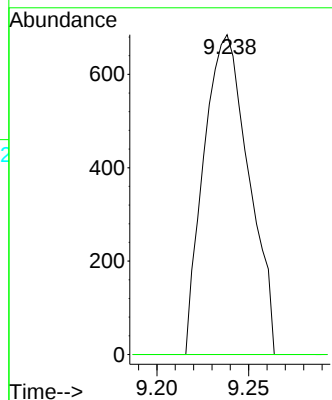
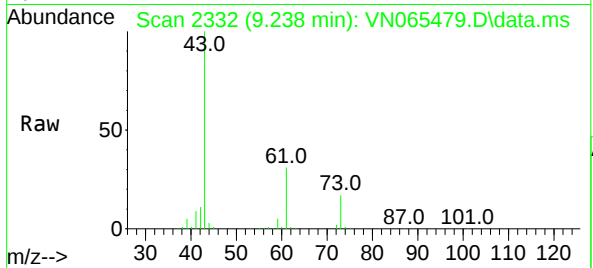




#45
1,2-Dichloropropane
Concen: 0.48 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

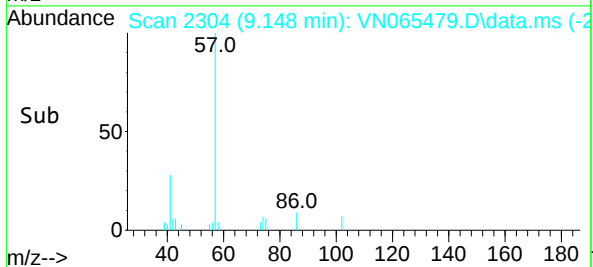
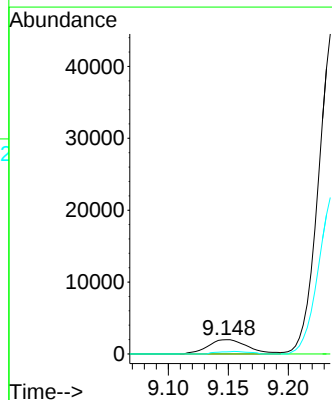
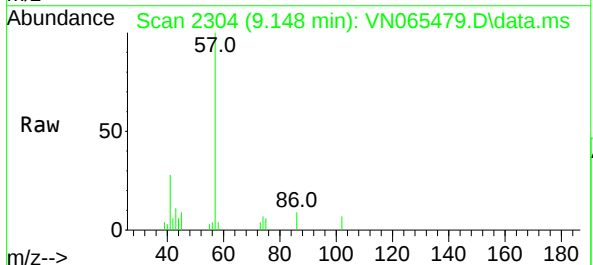
Instrument :
MSVOA_N
ClientSampled :

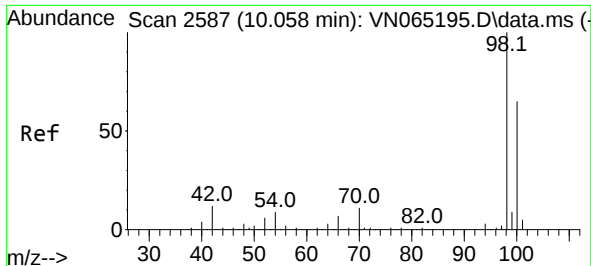
Tgt Ion: 63 Resp: 1166
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.77 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 41 Resp: 4573
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

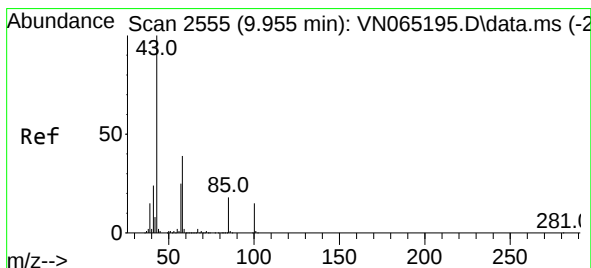
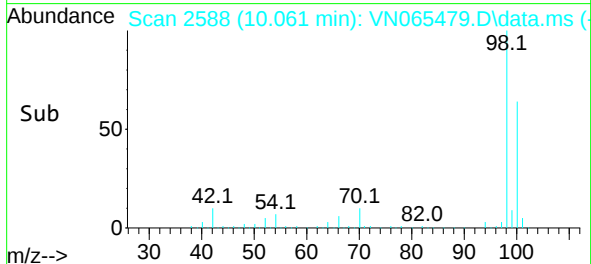
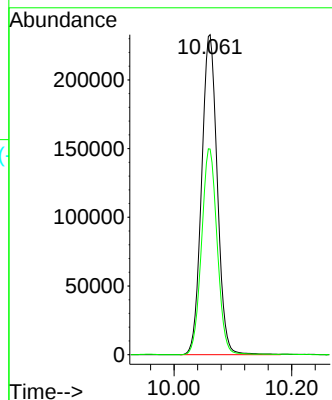
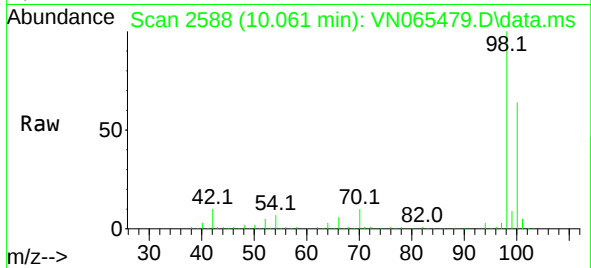




#50
Toluene-d8
Concen: 55.47 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

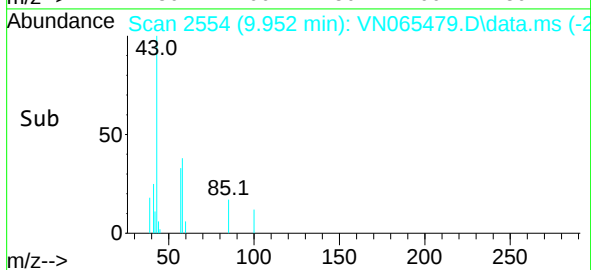
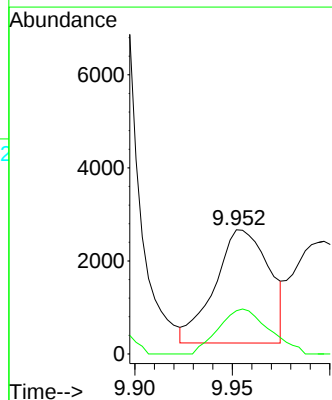
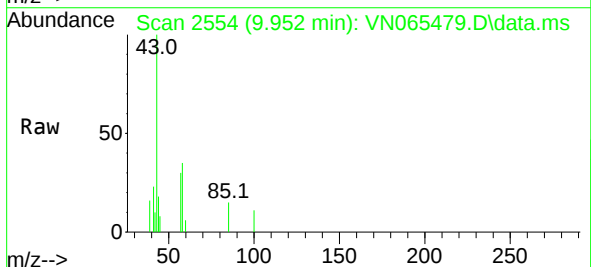
Instrument :
MSVOA_N
ClientSampled :

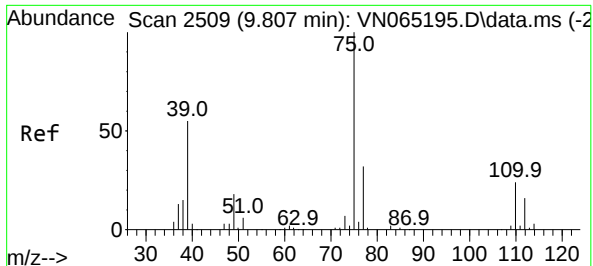
Tgt Ion: 98 Resp: 430036
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.57 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 43 Resp: 4705
Ion Ratio Lower Upper
43 100
58 37.2 32.4 48.6

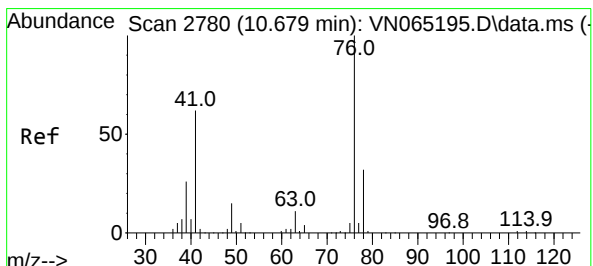
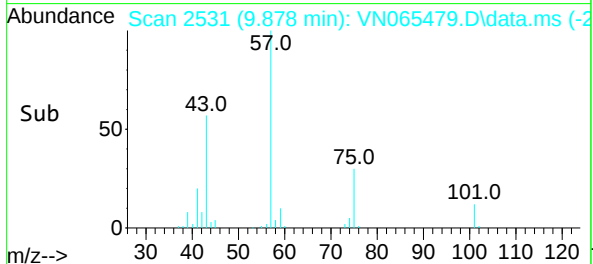
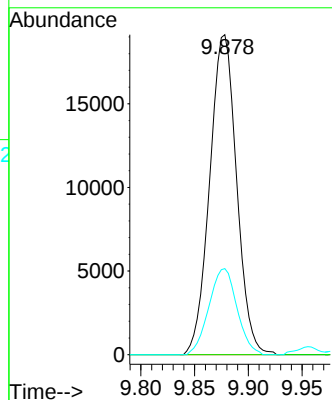
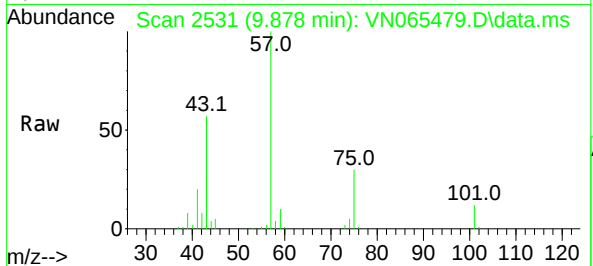




#54
 cis-1,3-Dichloropropene
 Concen: 8.06 ug/l
 RT: 9.878 min Scan# 2531
 Delta R.T. 0.071 min
 Lab File: VN065479.D
 Acq: 11 Jan 2021 19:47

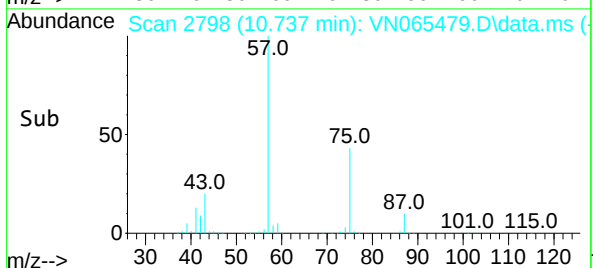
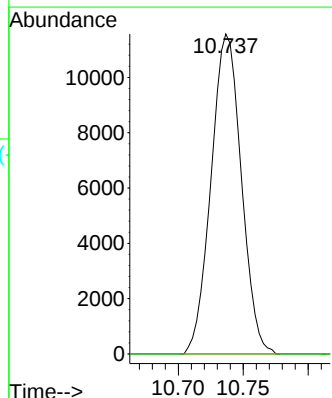
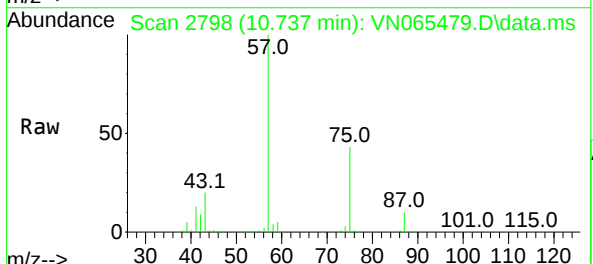
Instrument :
 MSVOA_N
 ClientSampleId :

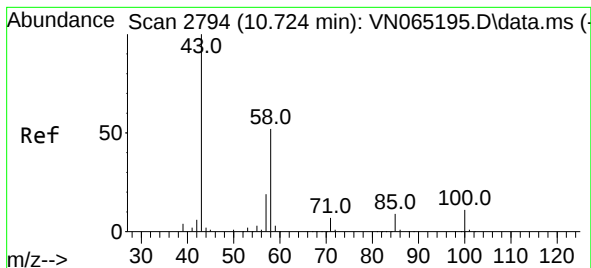
Tgt Ion: 75 Resp: 33326
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 26.9 35.6 53.4#



#57
 1,3-Dichloropropane
 Concen: 4.91 ug/l
 RT: 10.737 min Scan# 2798
 Delta R.T. 0.058 min
 Lab File: VN065479.D
 Acq: 11 Jan 2021 19:47

Tgt Ion: 76 Resp: 18736
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

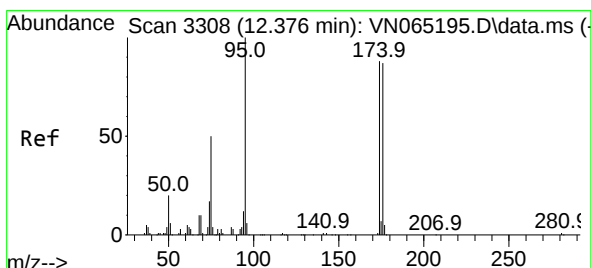
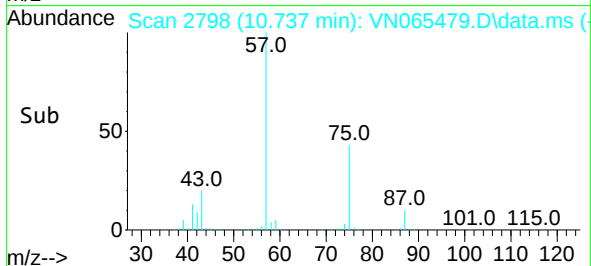
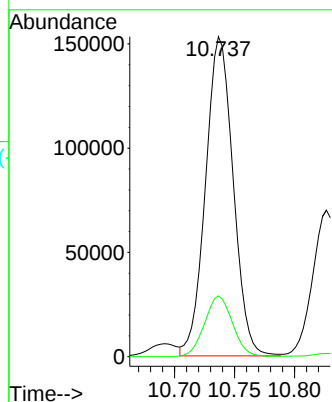
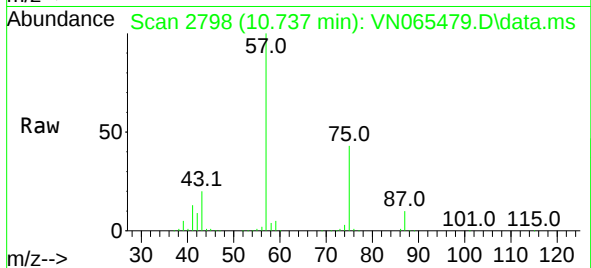




#59
2-Hexanone
Concen: 111.41 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

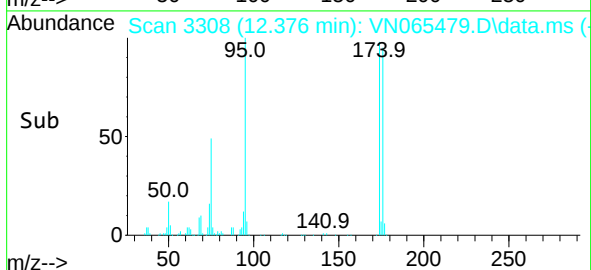
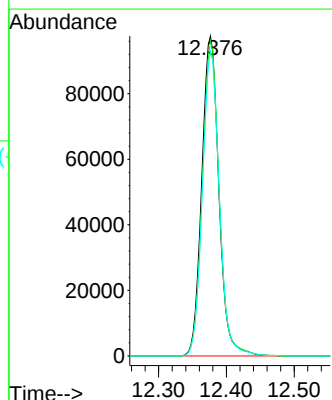
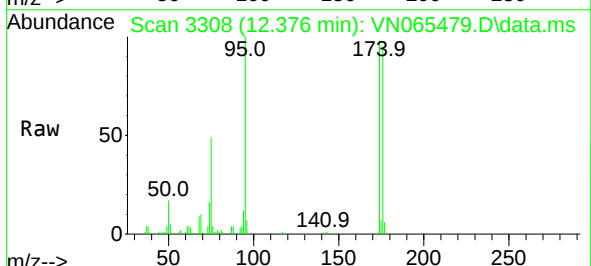
Instrument :
MSVOA_N
ClientSampleId :

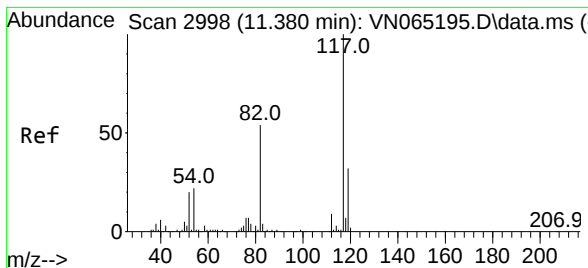
Tgt Ion: 43 Resp: 245252
Ion Ratio Lower Upper
43 100
58 19.3 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.19 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 95 Resp: 171029
Ion Ratio Lower Upper
95 100
174 96.8 0.0 160.4
176 94.3 0.0 158.4

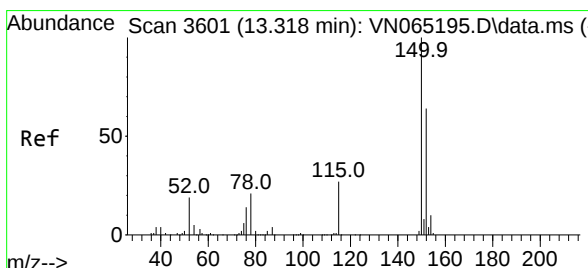
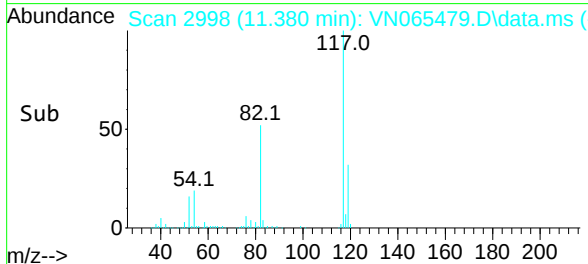
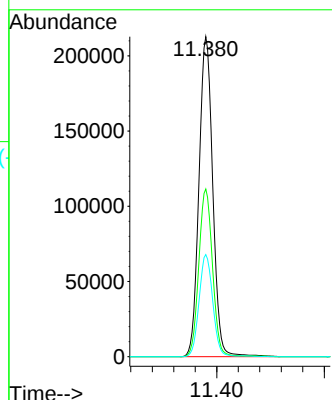
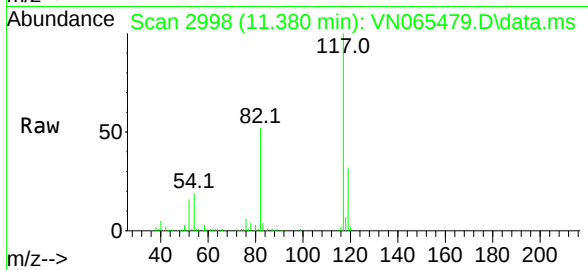




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

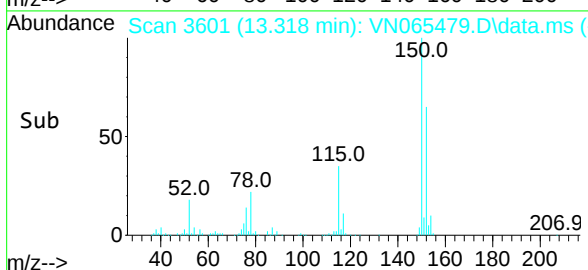
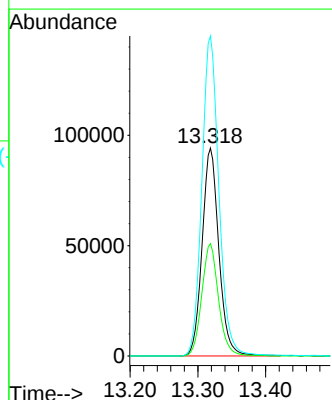
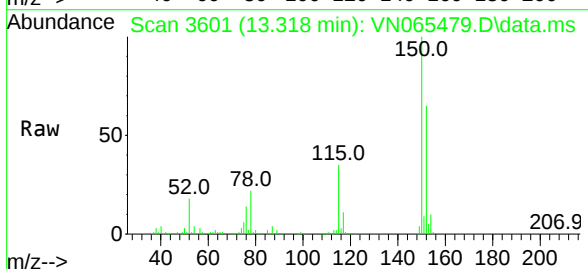
Instrument :
MSVOA_N
ClientSampleId :

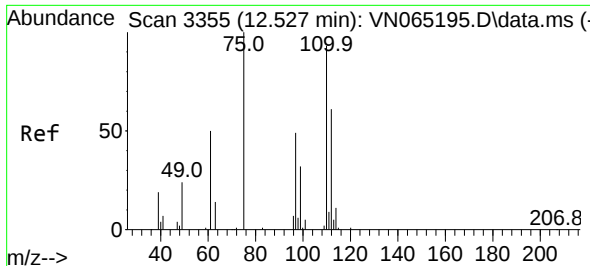
Tgt Ion:117 Resp: 378810
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion:152 Resp: 161212
Ion Ratio Lower Upper
152 100
115 53.9 29.7 89.1
150 157.2 0.0 350.6

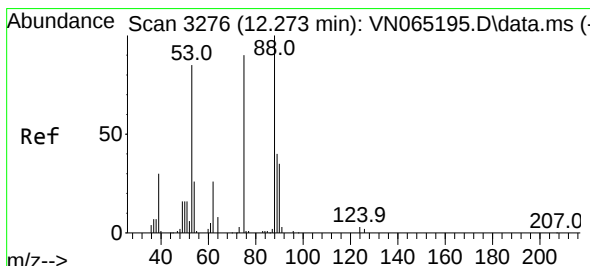
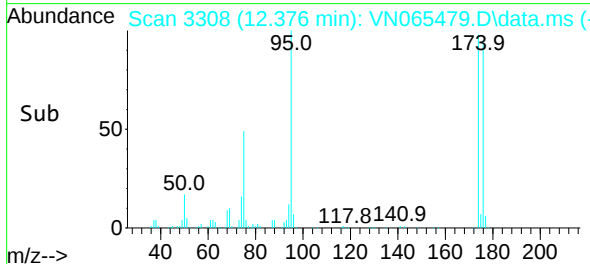
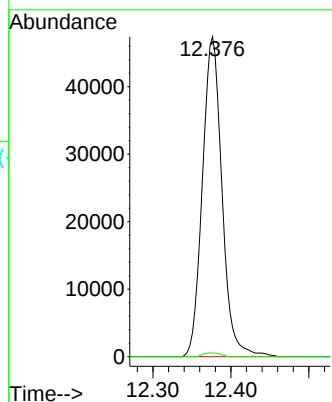
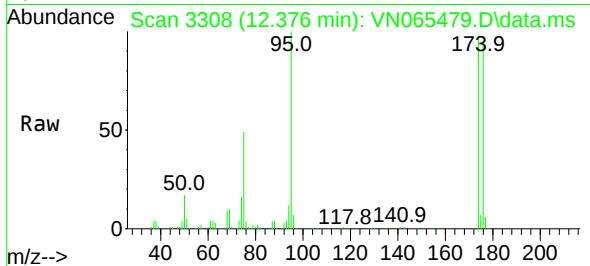




#76
1,2,3-Trichloropropane
Concen: 25.16 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 82742
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065479.D
Acq: 11 Jan 2021 19:47

Tgt Ion: 75 Resp: 82742
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

