

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065473.D
 Acq On : 11 Jan 2021 17:19
 Operator : JC/MD
 Sample : M1019-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 00:10:16 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

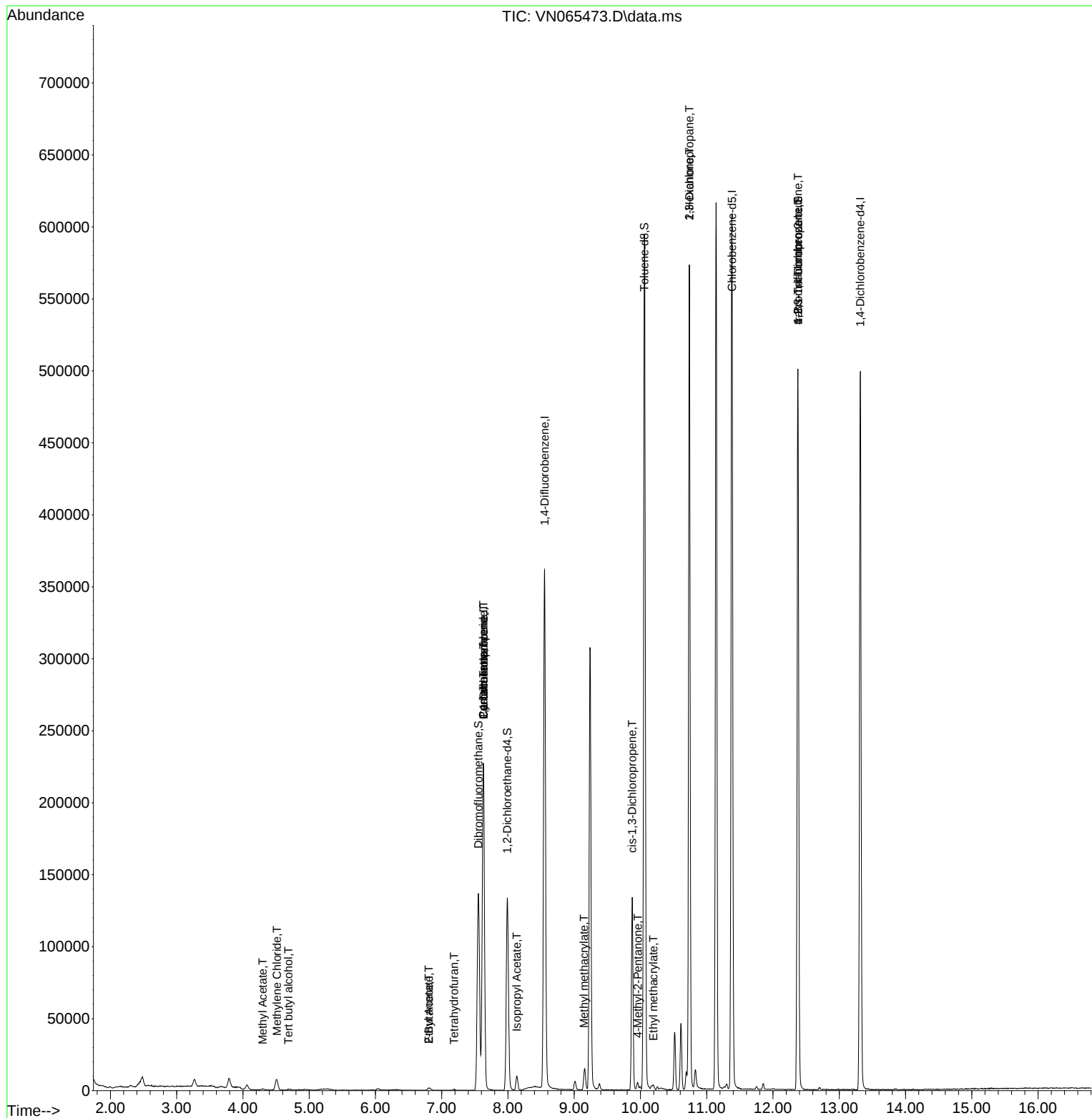
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.630	168	211094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	349797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	375281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	150988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	116500	48.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.78%
35) Dibromofluoromethane	7.553	113	106957	50.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.36%
50) Toluene-d8	10.058	98	437234	55.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.56%
62) 4-Bromofluorobenzene	12.376	95	168668	53.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.04%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.685	59	162	0.42	ug/l #	73
16) Acetone	3.788	43	9701	Below Cal	#	86
18) Methyl Acetate	4.296	43	1848	0.86	ug/l #	57
20) Methylene Chloride	4.515	84	6262	2.69	ug/l	91
25) 2-Butanone	6.804	43	839	0.63	ug/l #	49
29) Tetrahydrofuran	7.187	42	770	0.89	ug/l #	45
31) Cyclohexane	7.627	56	3339	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	13159	4.14	ug/l #	48
37) Ethyl Acetate	6.804	43	839	0.27	ug/l #	66
38) Carbon Tetrachloride	7.627	117	17389	5.21	ug/l #	16
43) Isopropyl Acetate	8.132	43	11327	2.08	ug/l	98
48) Methyl methacrylate	9.148	41	2892	1.10	ug/l #	23
51) 4-Methyl-2-Pentanone	9.958	43	3479	1.14	ug/l	97
54) cis-1,3-Dichloropropene	9.875	75	25414	6.03	ug/l #	60
56) Ethyl methacrylate	10.196	69	2143	0.59	ug/l #	76
57) 1,3-Dichloropropane	10.736	76	6026	1.55	ug/l #	42
59) 2-Hexanone	10.736	43	82125	36.57	ug/l #	49
76) 1,2,3-Trichloropropane	12.376	75	81078	26.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	81078	66.37	ug/l #	15

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

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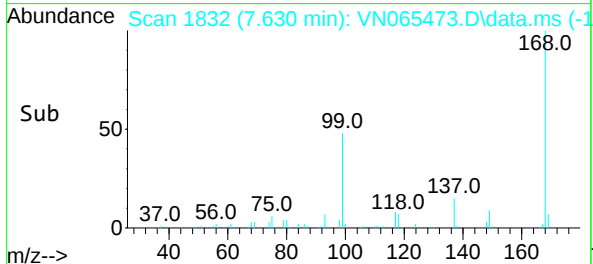
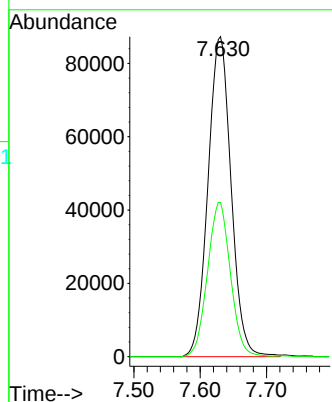
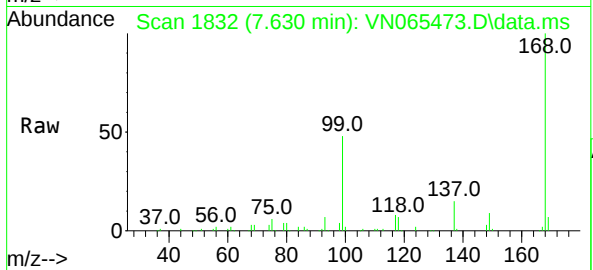




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

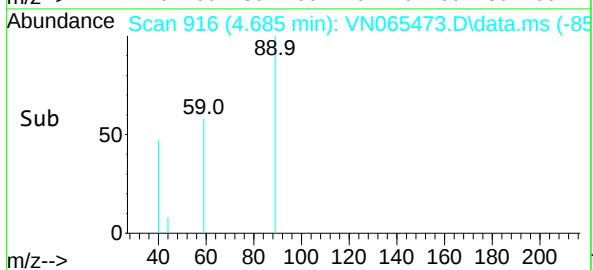
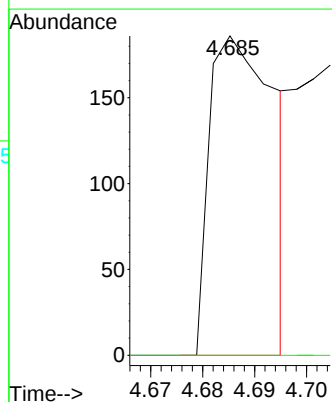
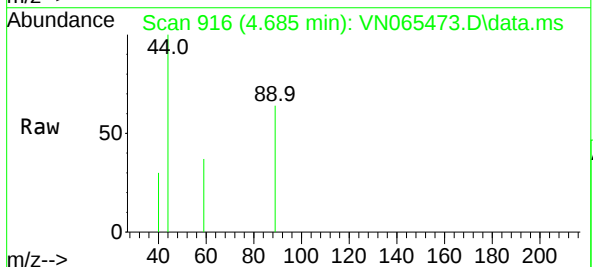
Instrument :
MSVOA_N
ClientSampled :

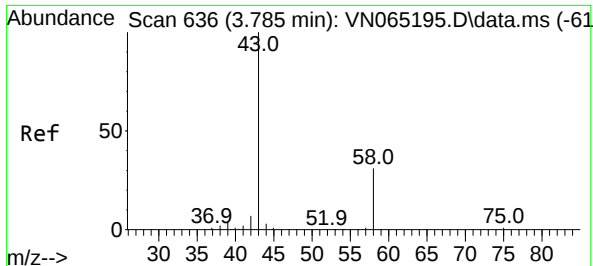
Tgt Ion:168 Resp: 211094
Ion Ratio Lower Upper
168 100
99 48.2 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 4.685 min Scan# 916
Delta R.T. -0.087 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

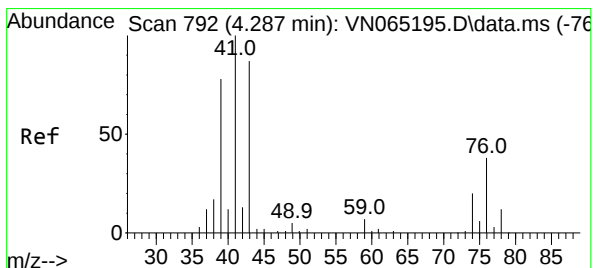
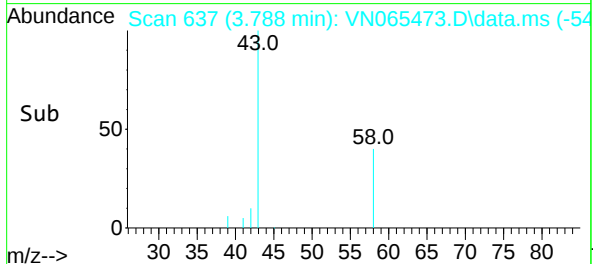
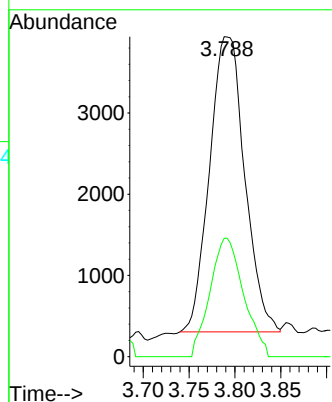
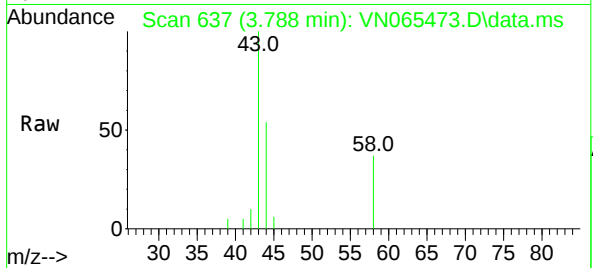




#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

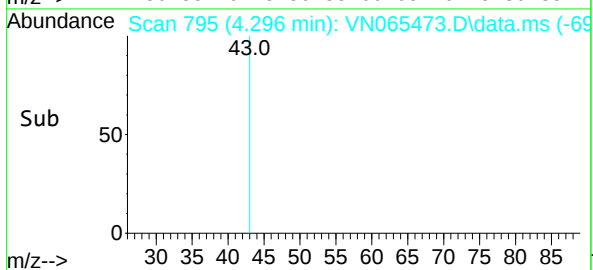
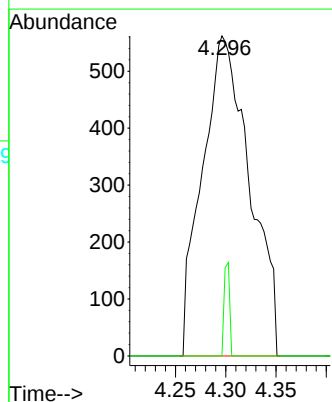
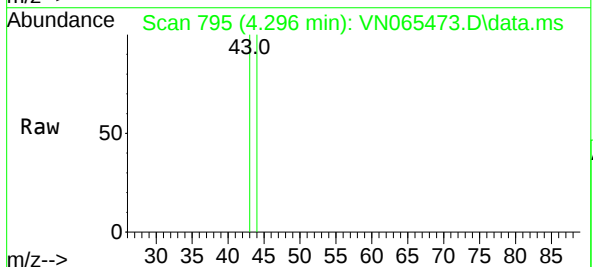
Instrument :
MSVOA_N
ClientSampled :

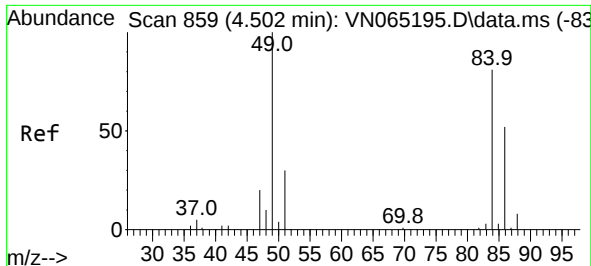
Tgt Ion: 43 Resp: 9701
Ion Ratio Lower Upper
43 100
58 40.1 25.7 38.5#



#18
Methyl Acetate
Concen: 0.86 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

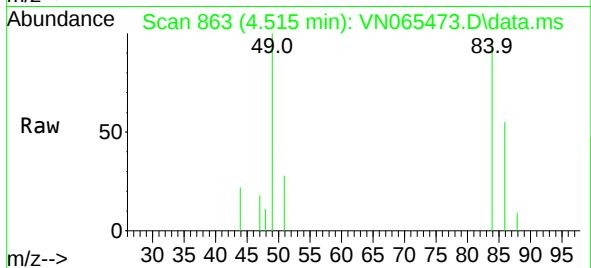
Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
74 3.4 20.2 30.2#





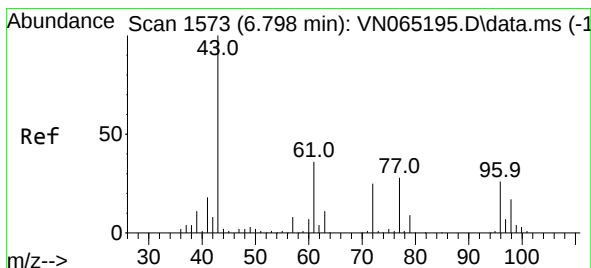
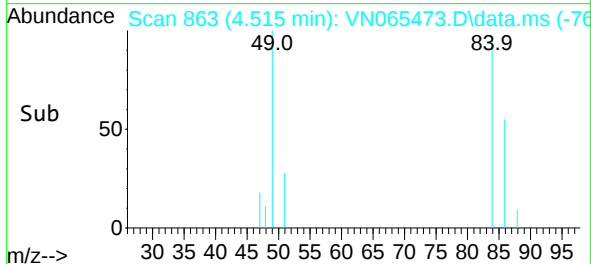
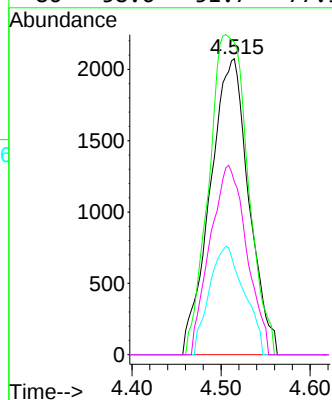
#20
Methylene Chloride
Concen: 2.69 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 6262

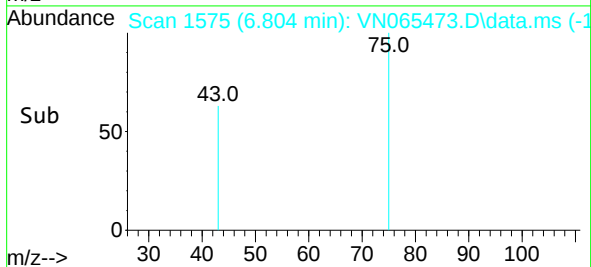
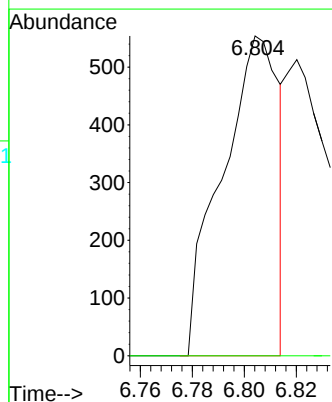
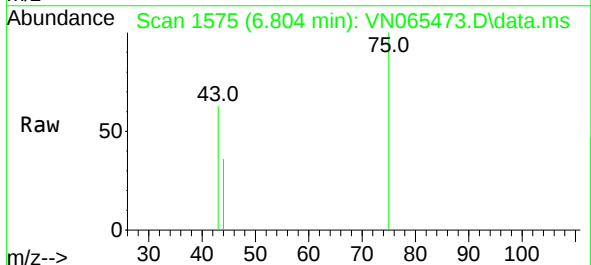
Ion	Ratio	Lower	Upper
84	100		
49	105.6	93.4	140.0
51	29.6	28.2	42.4
86	58.6	51.7	77.5

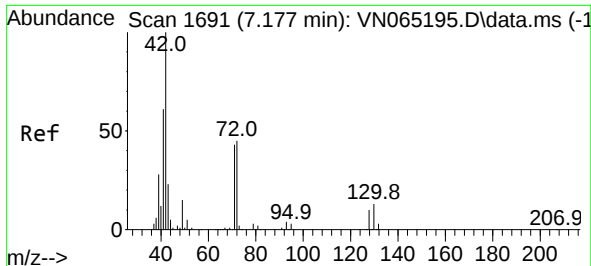


#25
2-Butanone
Concen: 0.63 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 43 Resp: 839

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.89 ug/l

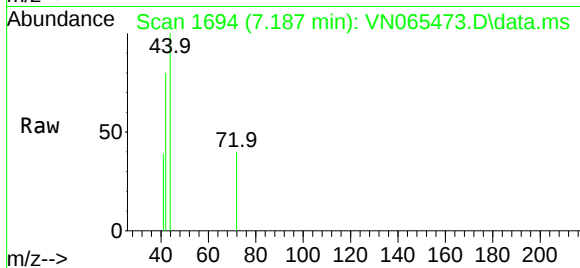
RT: 7.187 min Scan# 1694

Delta R.T. 0.010 min

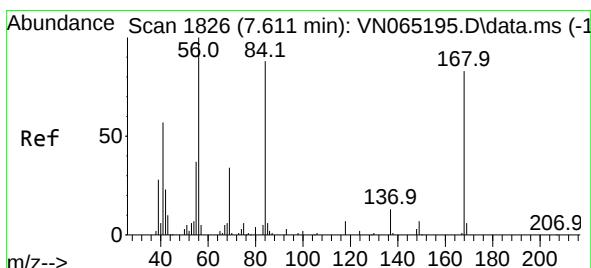
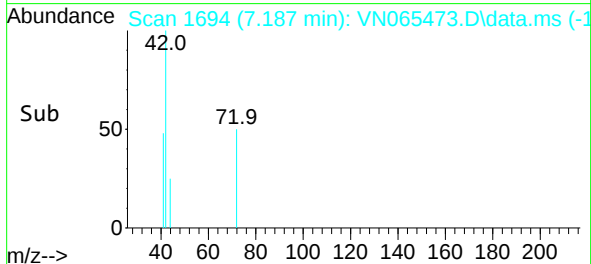
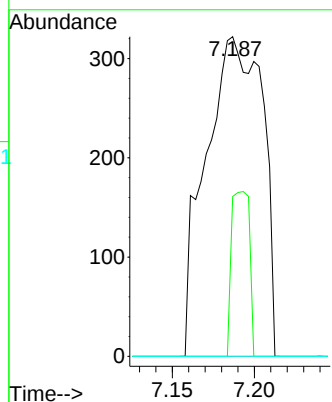
Lab File: VN065473.D

Acq: 11 Jan 2021 17:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	42	Resp:	770
Ion	Ratio	Lower	Upper
42	100		
72	16.4	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

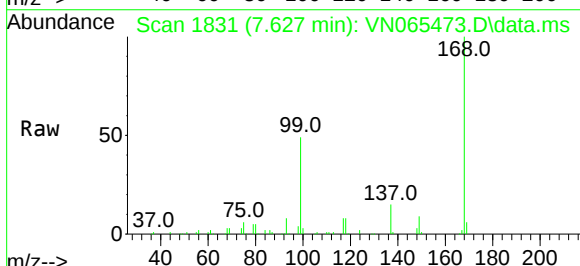
Concen: 0.95 ug/l

RT: 7.627 min Scan# 1831

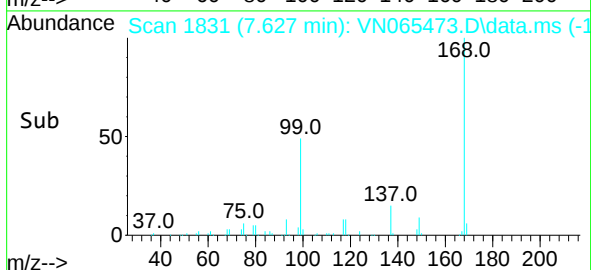
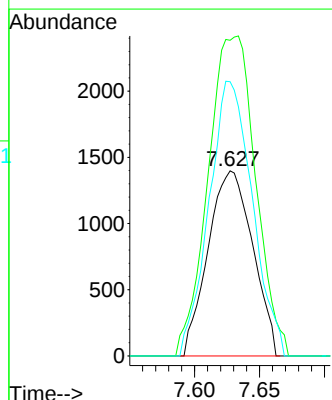
Delta R.T. 0.016 min

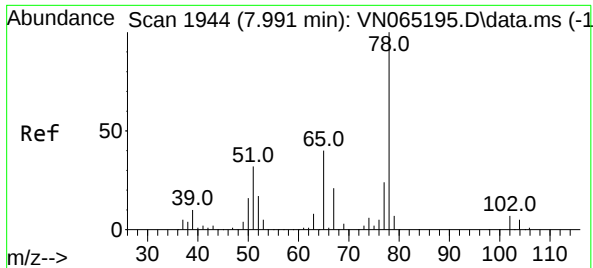
Lab File: VN065473.D

Acq: 11 Jan 2021 17:19



Tgt Ion:	56	Resp:	3339
Ion	Ratio	Lower	Upper
56	100		
69	159.6	27.5	41.3#
84	148.1	73.9	110.9#

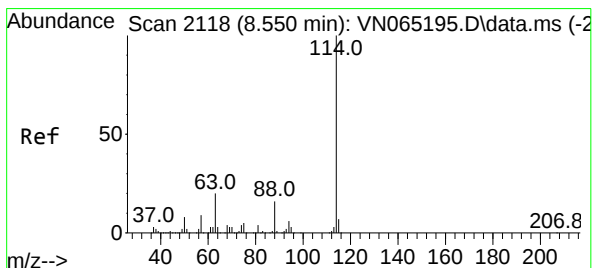
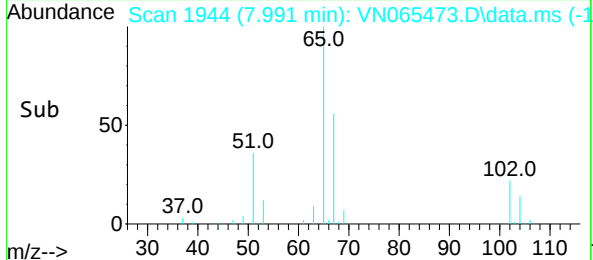
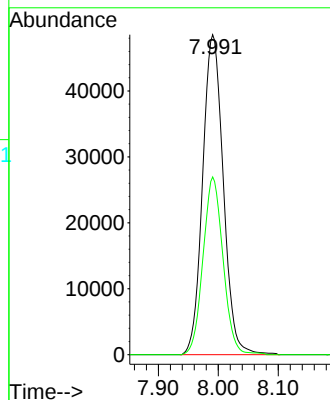
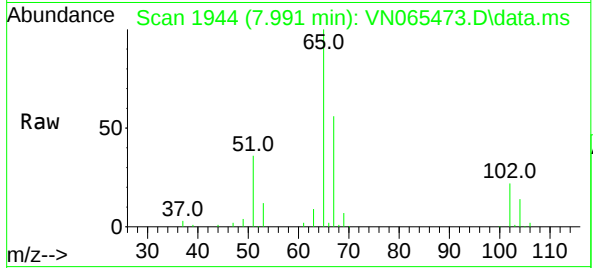




#33
1,2-Dichloroethane-d4
Concen: 48.89 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

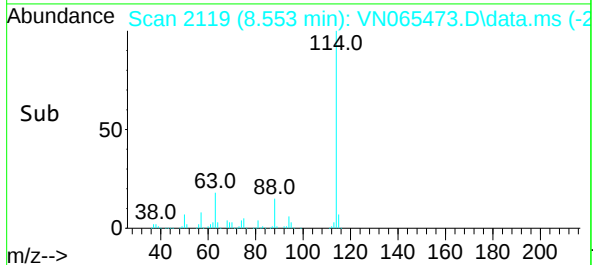
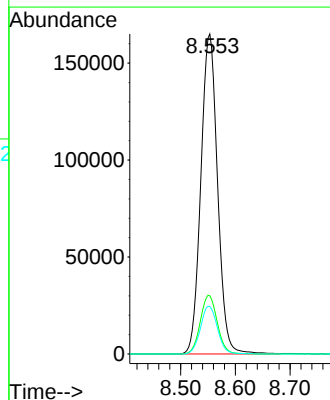
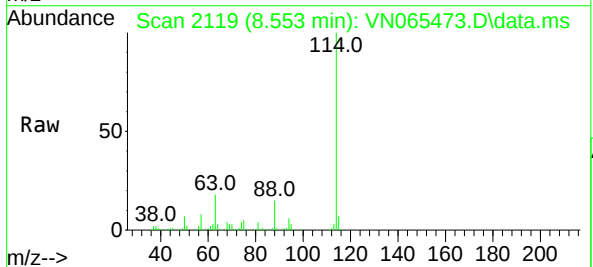
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 116500
Ion Ratio Lower Upper
65 100
67 53.8 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: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 114 Resp: 349797
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.6
88 14.8 0.0 32.6

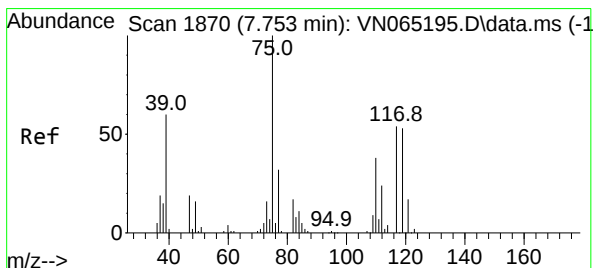
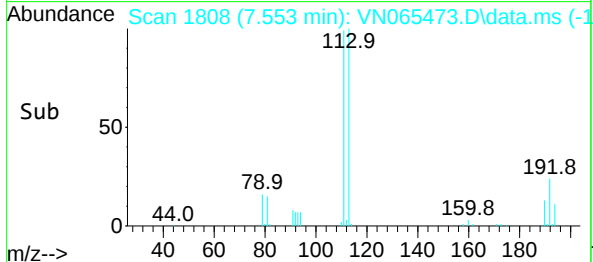
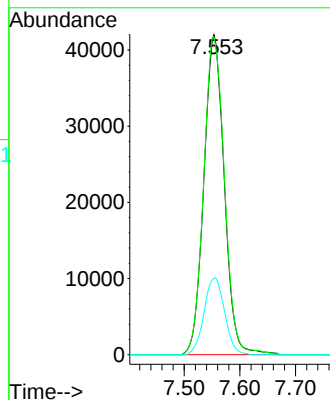
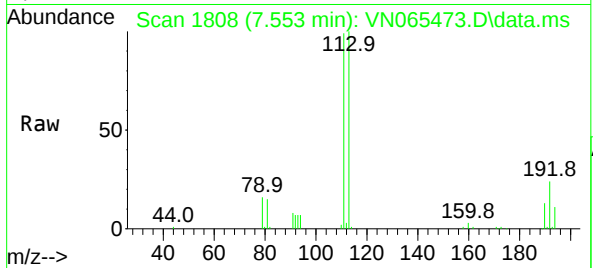




#35
Dibromofluoromethane
Concen: 50.68 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

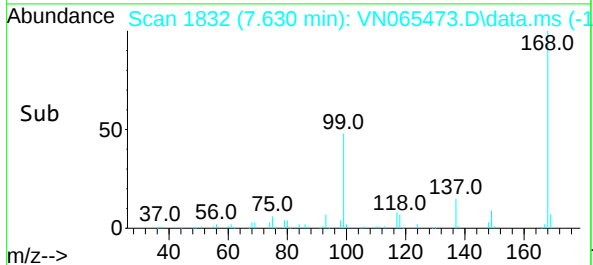
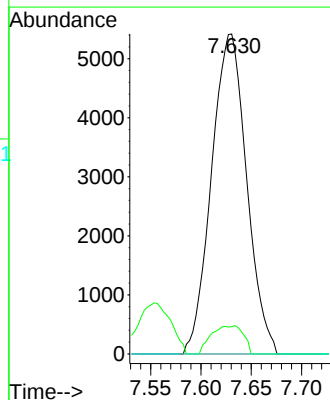
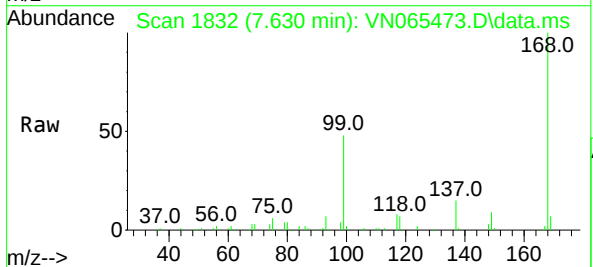
Instrument :
MSVOA_N
ClientSampled :

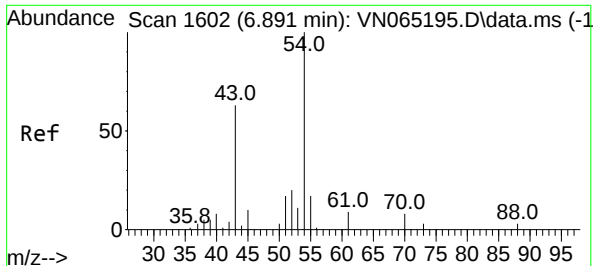
Tgt Ion:113 Resp: 106957
Ion Ratio Lower Upper
113 100
111 101.7 81.6 122.4
192 24.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 75 Resp: 13159
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.27 ug/l

RT: 6.804 min Scan# 1575

Delta R.T. -0.087 min

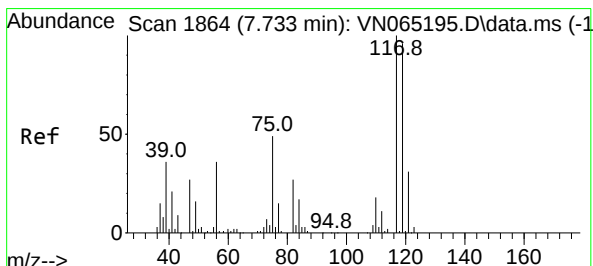
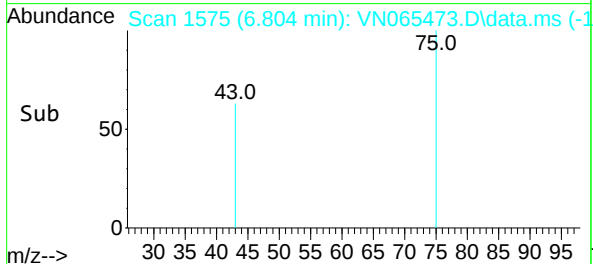
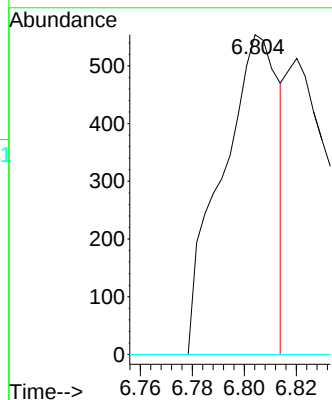
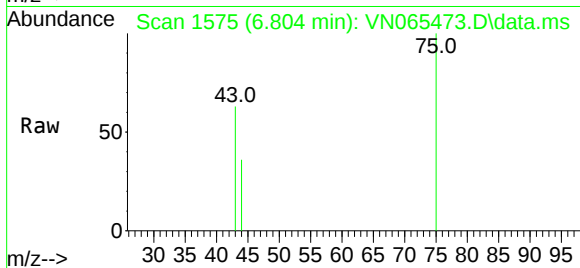
Lab File: VN065473.D

Acq: 11 Jan 2021 17:19

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 839

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.21 ug/l

RT: 7.627 min Scan# 1831

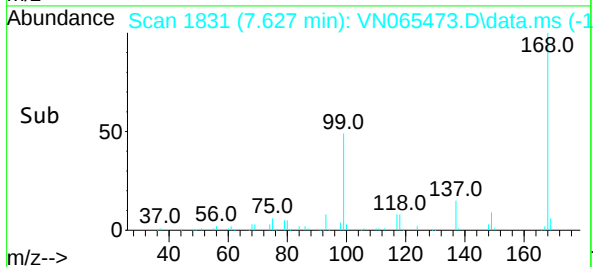
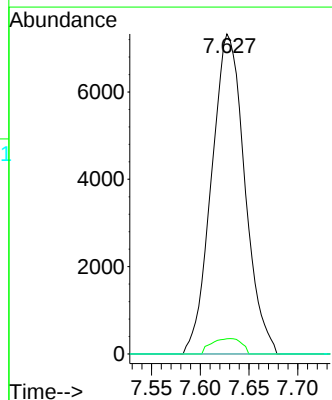
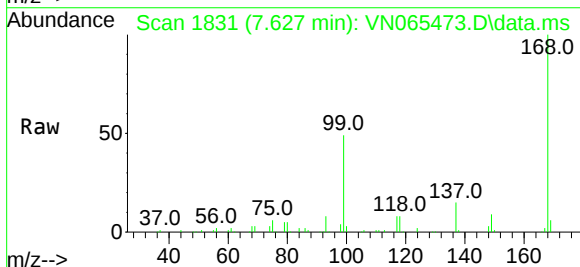
Delta R.T. -0.106 min

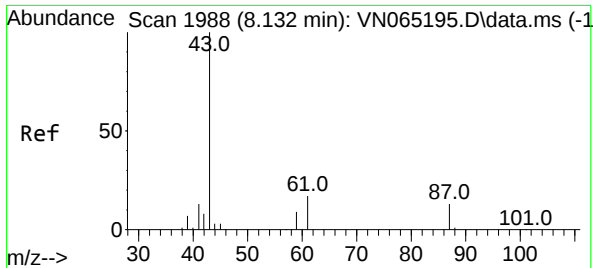
Lab File: VN065473.D

Acq: 11 Jan 2021 17:19

Tgt Ion: 117 Resp: 17389

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.7	115.1#
121	0.0	25.4	38.2#

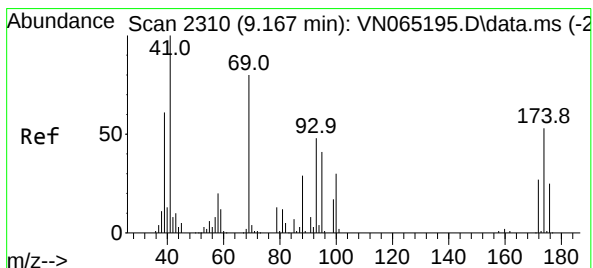
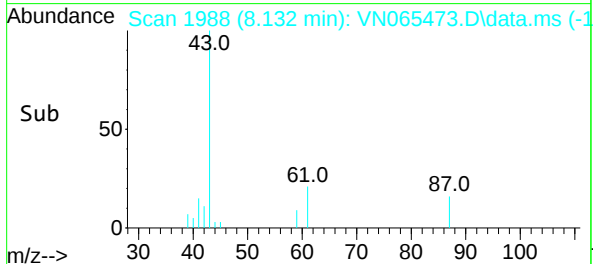
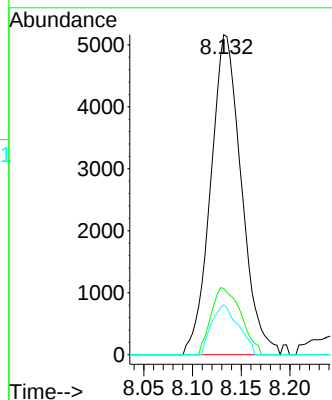
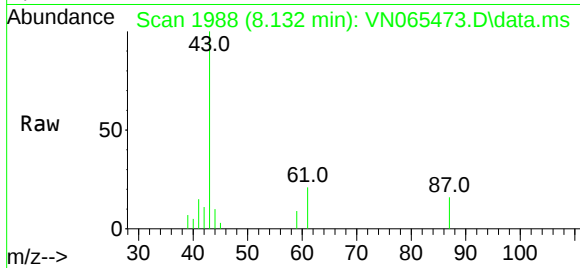




#43
Isopropyl Acetate
Concen: 2.08 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

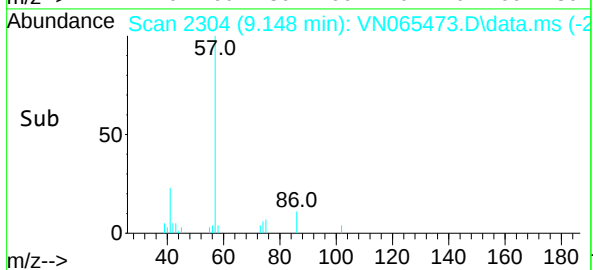
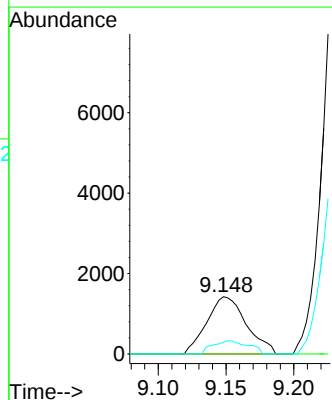
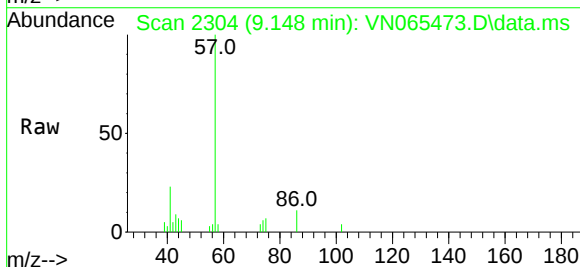
Instrument :
MSVOA_N
ClientSampled :

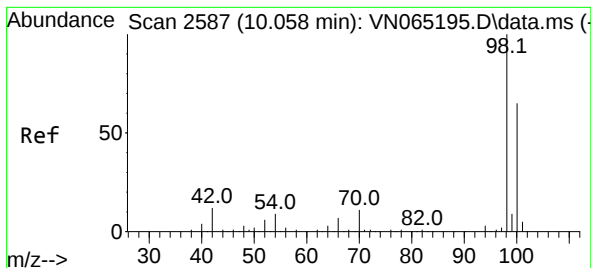
Tgt Ion: 43	Resp: 11327
Ion Ratio	Lower Upper
43	100
61	20.4 17.2 25.8
87	13.6 11.4 17.0



#48
Methyl methacrylate
Concen: 1.10 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 41	Resp: 2892
Ion Ratio	Lower Upper
41	100
69	0.0 71.8 107.8#
39	20.9 44.1 66.1#

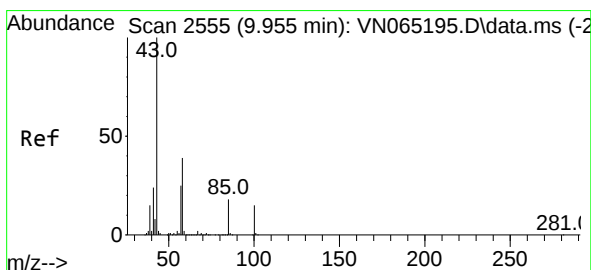
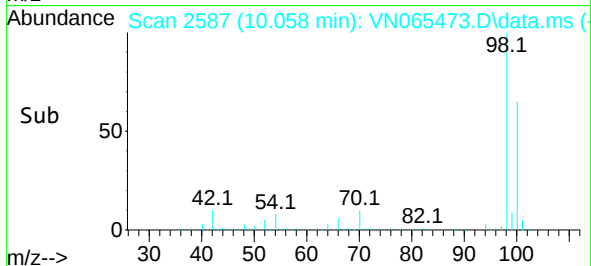
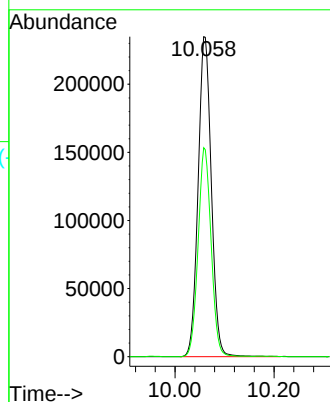
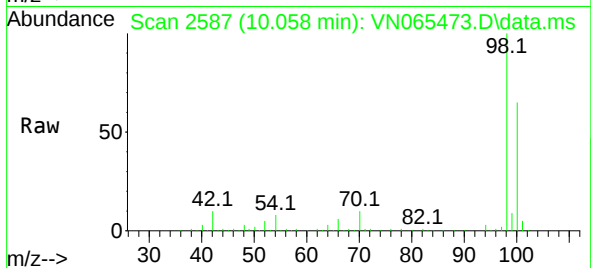




#50
Toluene-d8
Concen: 55.28 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

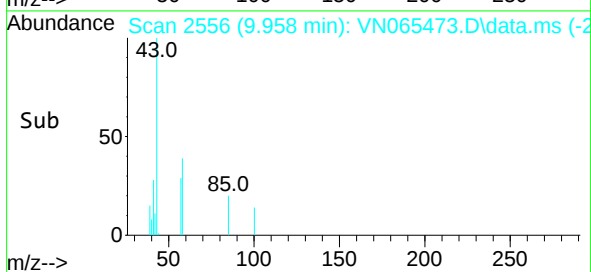
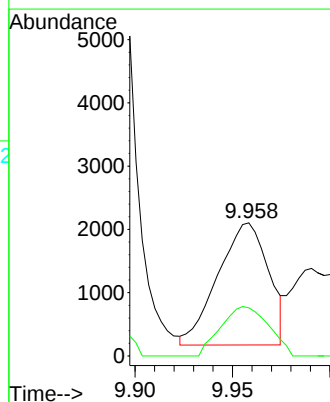
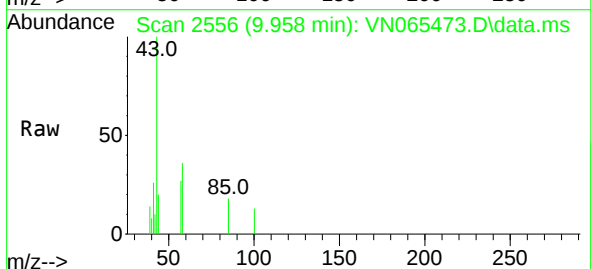
Instrument :
MSVOA_N
ClientSampled :

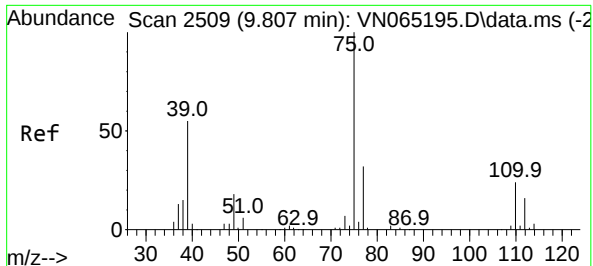
Tgt Ion: 98 Resp: 437234
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 43 Resp: 3479
Ion Ratio Lower Upper
43 100
58 38.4 32.4 48.6

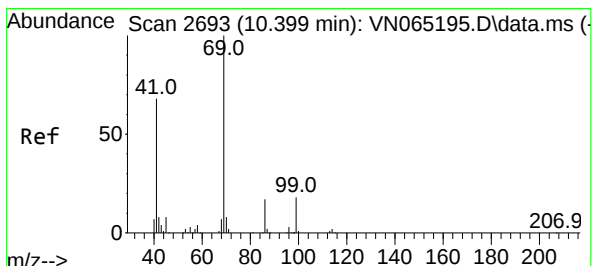
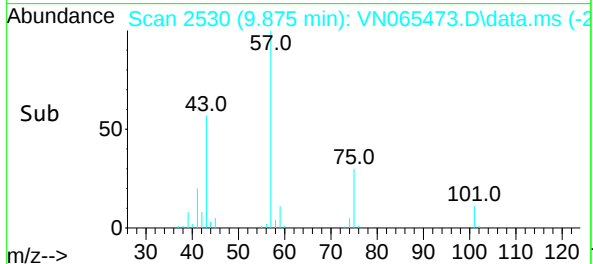
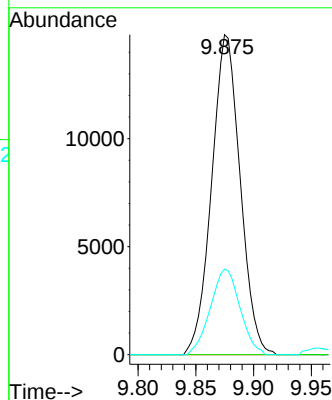
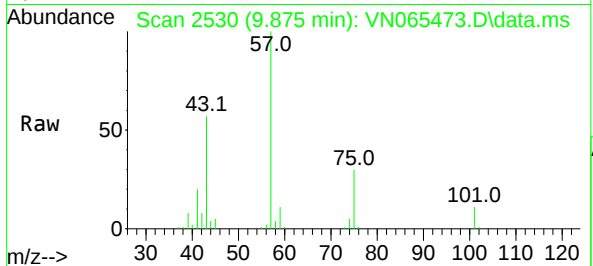




#54
cis-1,3-Dichloropropene
Concen: 6.03 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

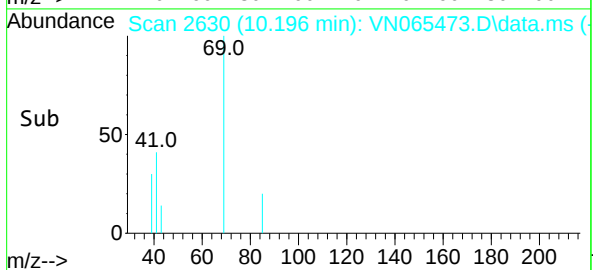
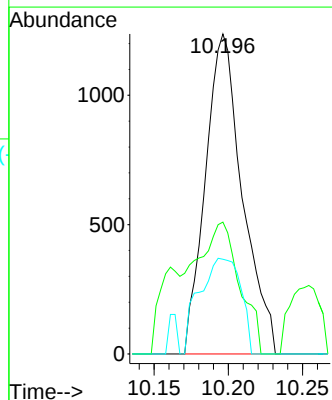
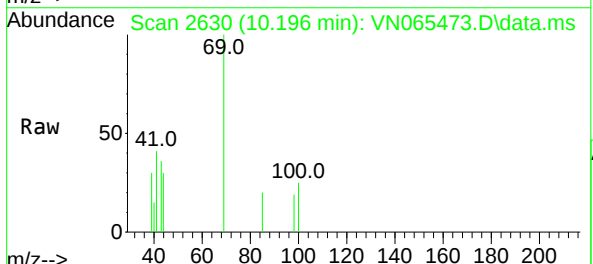
Instrument :
MSVOA_N
ClientSampled :

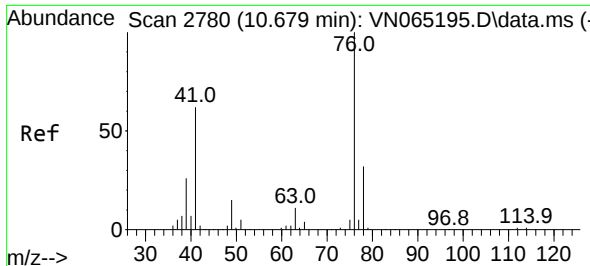
Tgt Ion: 75 Resp: 25414
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.7 35.6 53.4#



#56
Ethyl methacrylate
Concen: 0.59 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 69 Resp: 2143
Ion Ratio Lower Upper
69 100
41 34.0 49.4 74.0#
39 33.4 25.9 38.9

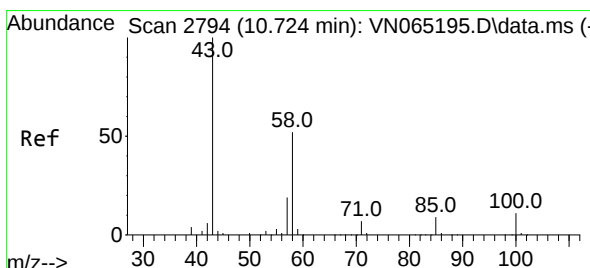
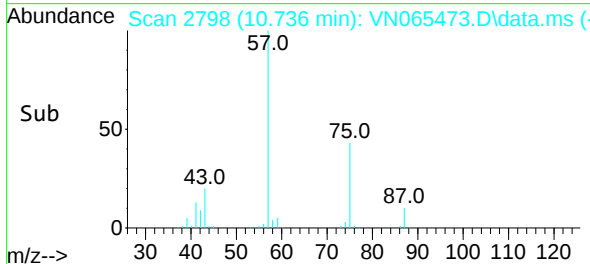
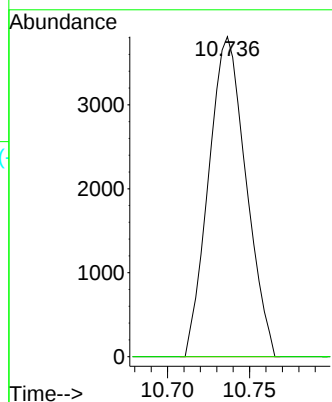
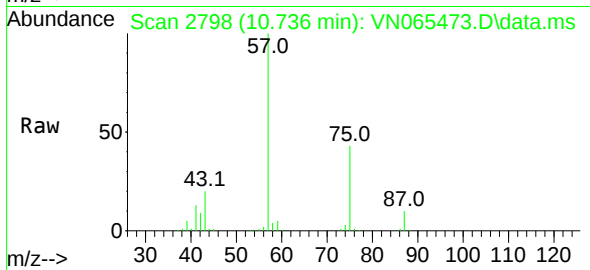




#57
1,3-Dichloropropane
Concen: 1.55 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

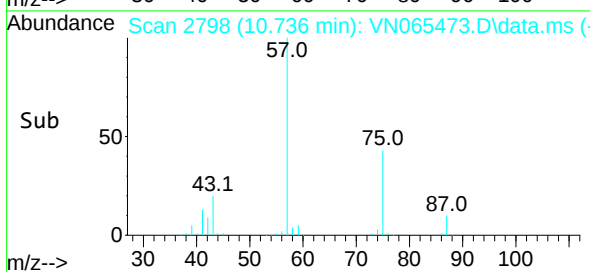
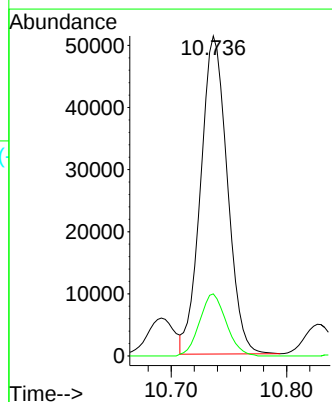
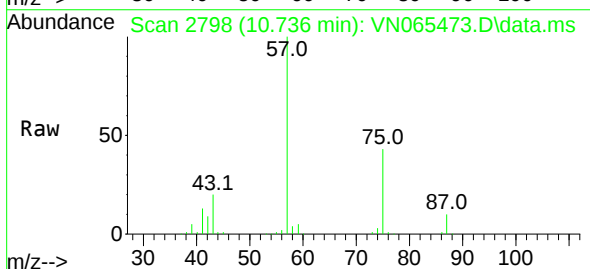
Instrument :
MSVOA_N
ClientSampled :

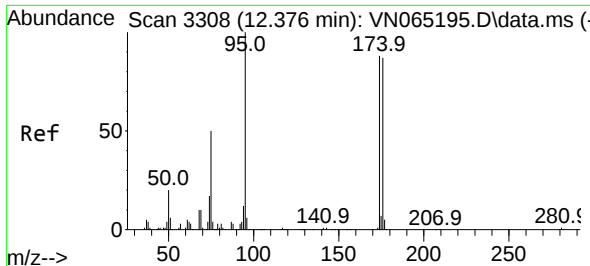
Tgt Ion: 76 Resp: 6026
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 36.57 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 43 Resp: 82125
Ion Ratio Lower Upper
43 100
58 19.5 28.3 84.9#

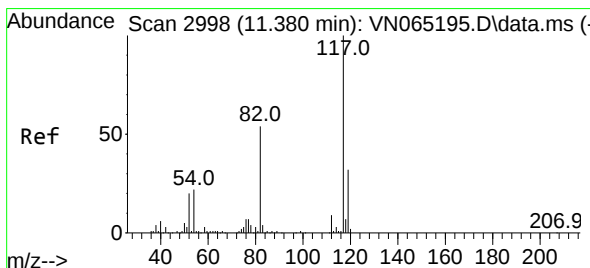
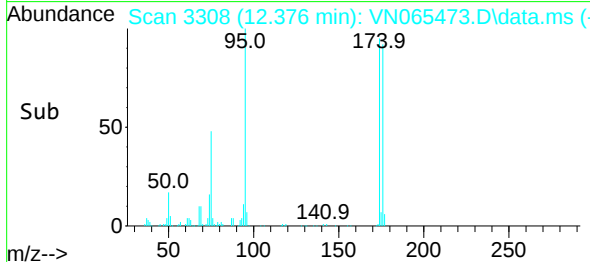
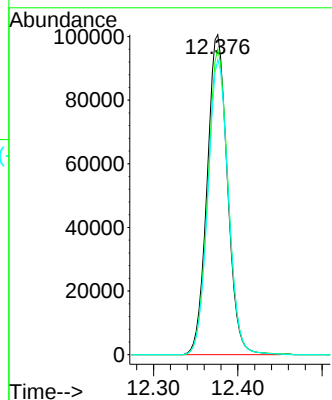
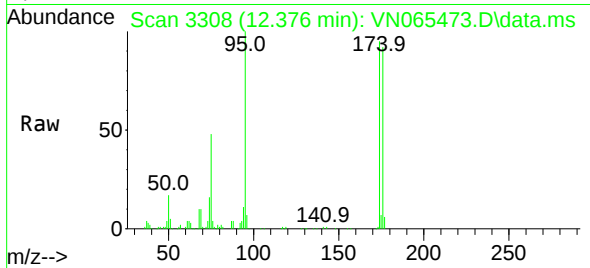




#62
4-Bromofluorobenzene
Concen: 53.52 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

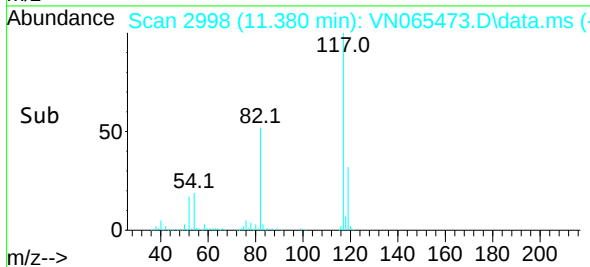
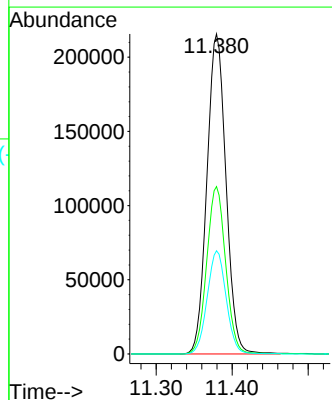
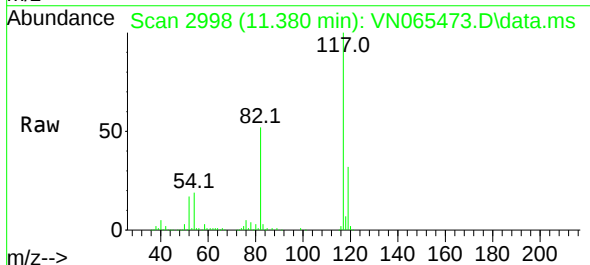
Instrument :
MSVOA_N
ClientSampled :

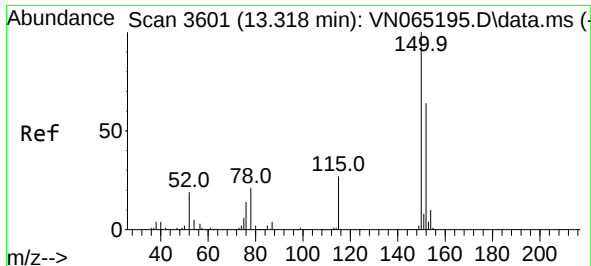
Tgt Ion: 95 Resp: 168668
Ion Ratio Lower Upper
95 100
174 95.9 0.0 160.4
176 92.6 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

Tgt Ion: 117 Resp: 375281
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.3 25.8 38.6

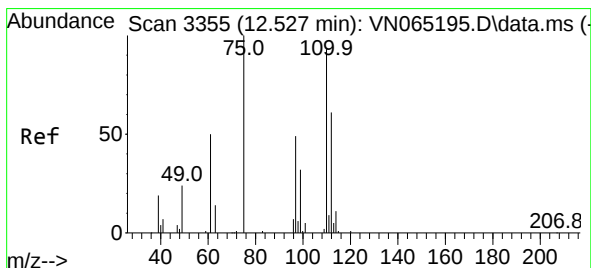
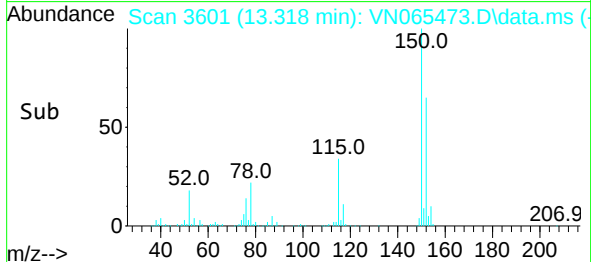
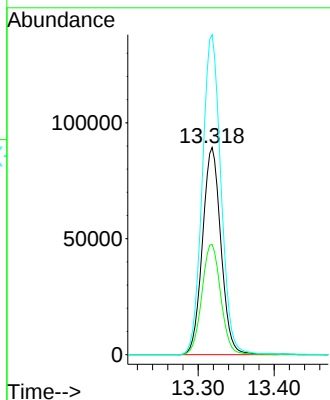
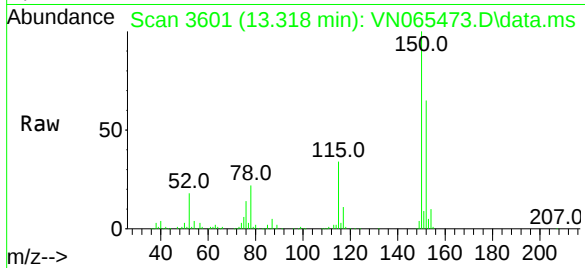




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

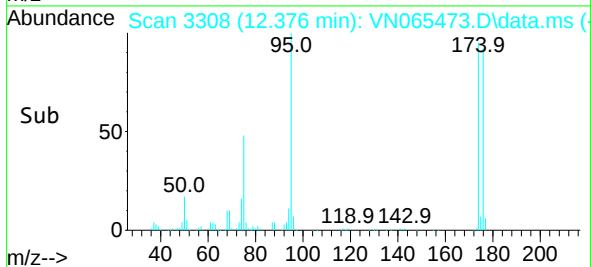
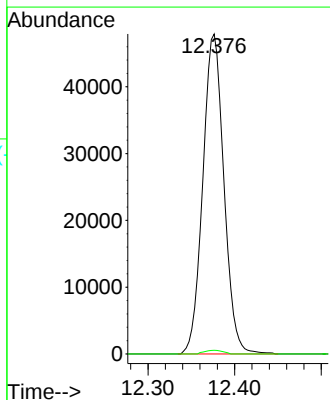
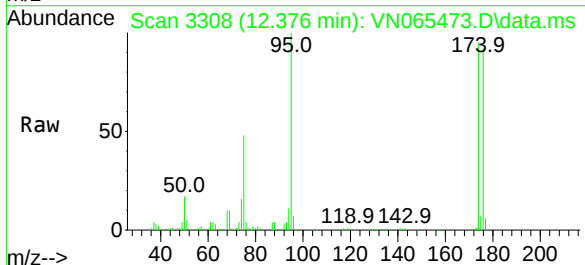
Instrument :
MSVOA_N
ClientSampled :

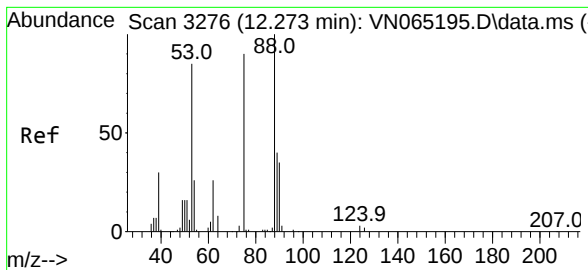
Tgt Ion:152 Resp: 150988
Ion Ratio Lower Upper
152 100
115 54.3 29.7 89.1
150 156.4 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.32 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065473.D
Acq: 11 Jan 2021 17:19

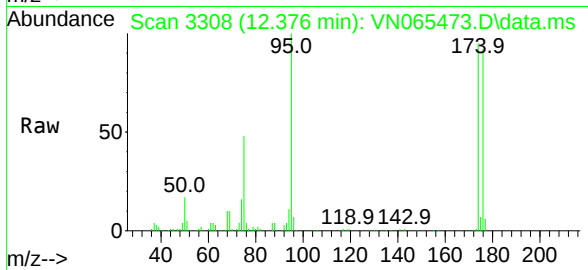
Tgt Ion: 75 Resp: 81078
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.37 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065473.D
 Acq: 11 Jan 2021 17:19

Instrument :
 MSVOA_N
 ClientSampleId :



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

