

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065529.D
 Acq On : 15 Jan 2021 18:02
 Operator : JC/MD
 Sample : M1124-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-223

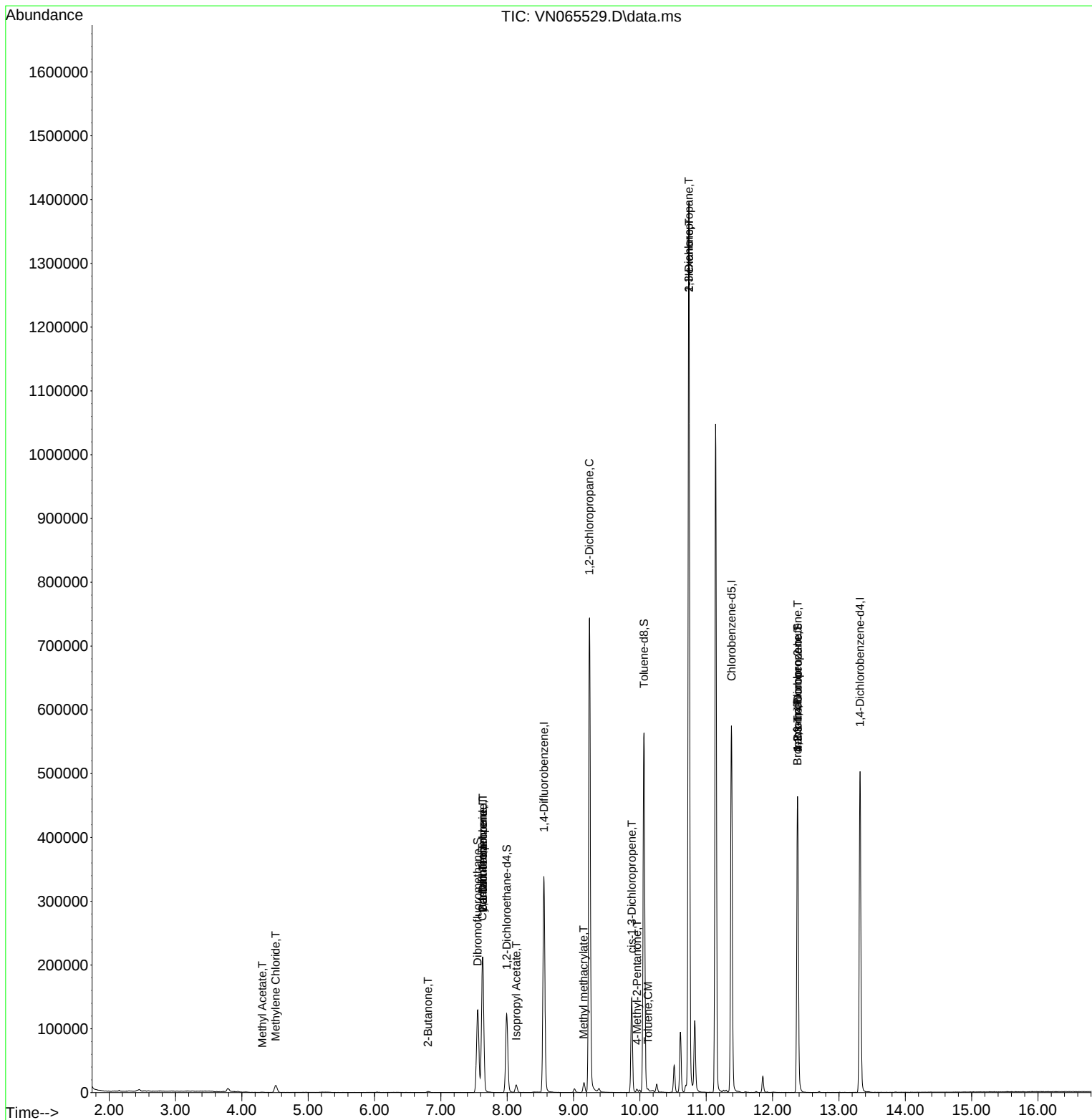
Quant Time: Jan 15 23:43:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

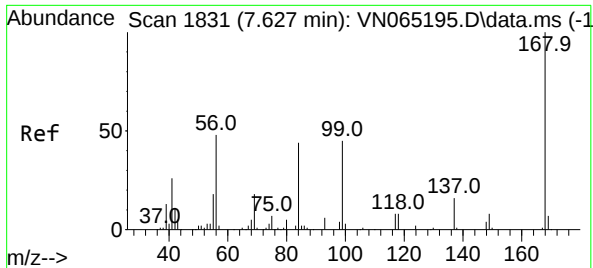
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.630	168	202508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	330159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	369519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	158277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	108146	47.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.60%		
35) Dibromofluoromethane	7.553	113	102301	51.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.72%		
50) Toluene-d8	10.061	98	418826	56.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	112.20%		
62) 4-Bromofluorobenzene	12.376	95	162960	54.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.32%		
Target Compounds						
16) Acetone	3.788	43	9329	Below Cal	#	87
18) Methyl Acetate	4.309	43	834	0.41	ug/l #	50
20) Methylene Chloride	4.508	84	9495	4.26	ug/l	93
25) 2-Butanone	6.804	43	295	0.23	ug/l #	49
31) Cyclohexane	7.624	56	3013	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	11685	3.89	ug/l #	49
38) Carbon Tetrachloride	7.630	117	16526	5.24	ug/l #	17
43) Isopropyl Acetate	8.135	43	14005	2.73	ug/l	99
45) 1,2-Dichloropropane	9.238	63	957	0.41	ug/l #	43
48) Methyl methacrylate	9.151	41	3628	1.46	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	3747	1.30	ug/l	90
52) Toluene	10.122	92	1722	0.31	ug/l	98
54) cis-1,3-Dichloropropene	9.878	75	28754	7.22	ug/l #	59
57) 1,3-Dichloropropane	10.736	76	14974	4.07	ug/l #	42
59) 2-Hexanone	10.740	43	193491	91.28	ug/l #	51
71) Bromoform	12.373	173	1074	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	76087	23.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	76087	59.42	ug/l #	15

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

Quant Time: Jan 15 23:43:43 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

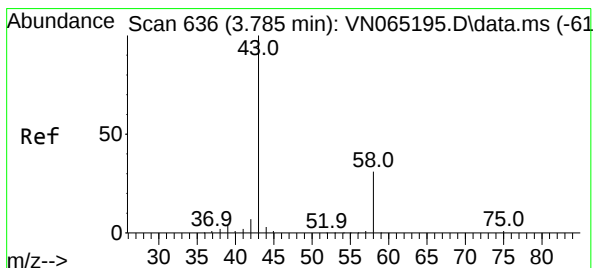
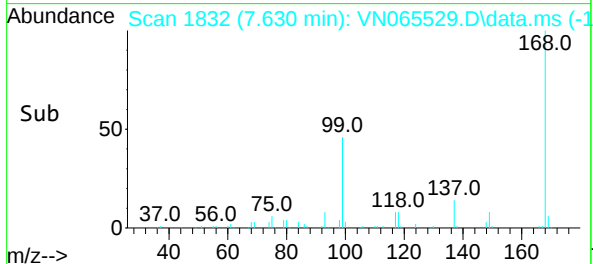
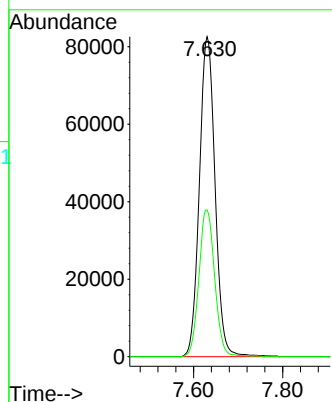
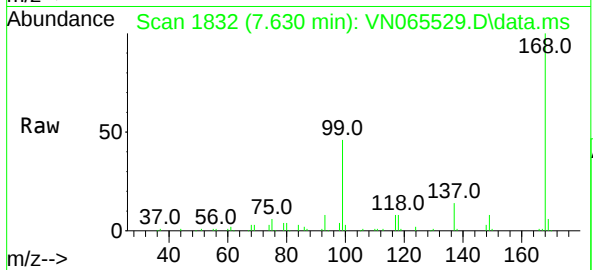




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

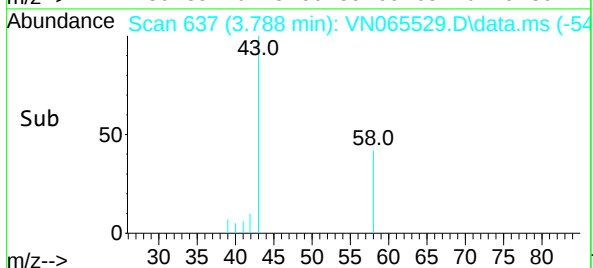
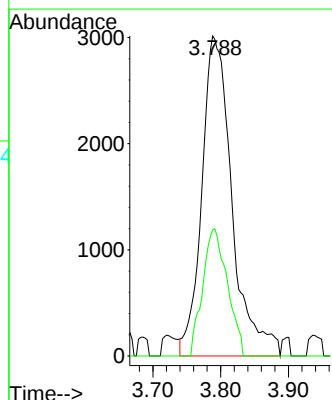
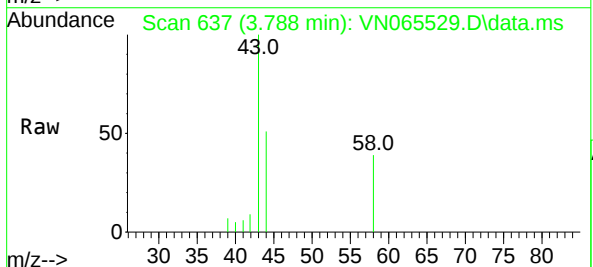
Instrument :
MSVOA_N
ClientSampleId :
VNJ-223

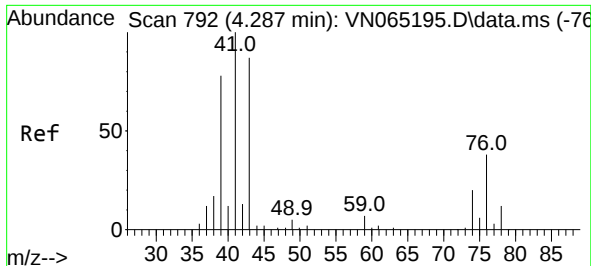
Tgt Ion:168 Resp: 202508
Ion Ratio Lower Upper
168 100
99 45.8 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

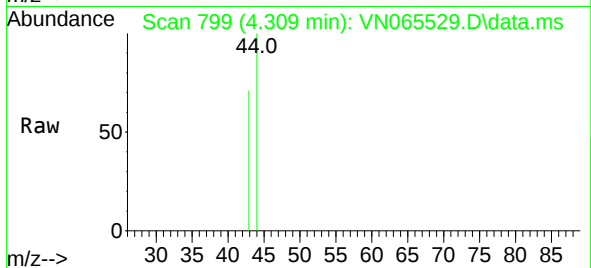
Tgt Ion: 43 Resp: 9329
Ion Ratio Lower Upper
43 100
58 39.5 25.7 38.5#



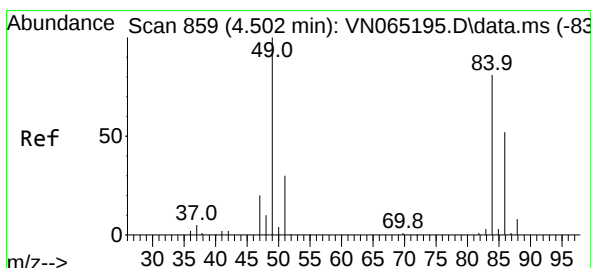
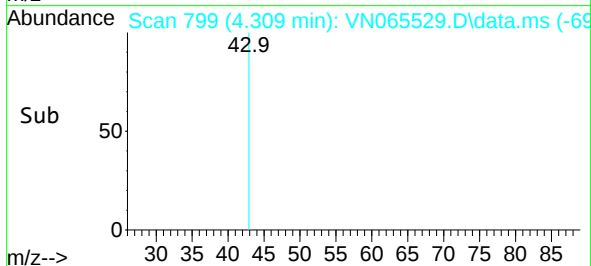
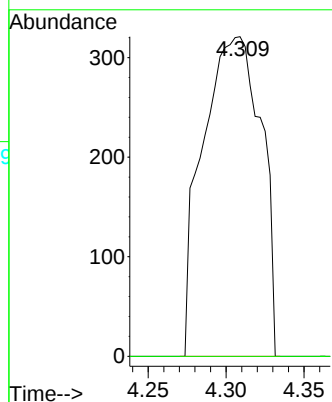


#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 4.309 min Scan# 799
Delta R.T. 0.022 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Instrument :
MSVOA_N
ClientSampled :
VNJ-223

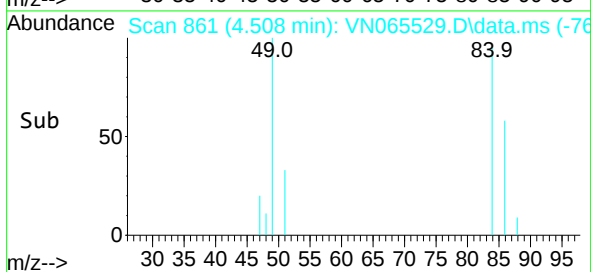
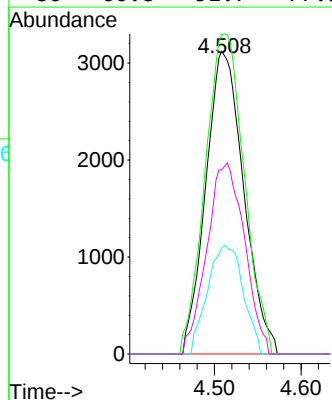
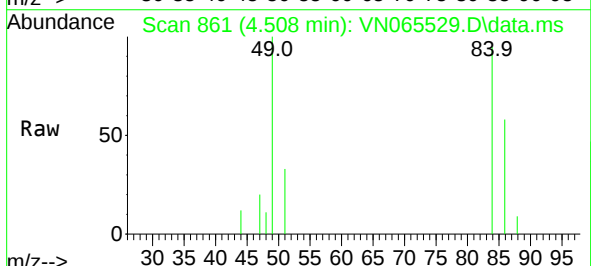


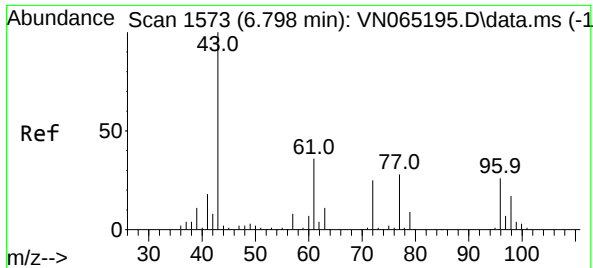
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 4.26 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 84 Resp: 9495
Ion Ratio Lower Upper
84 100
49 105.5 93.4 140.0
51 35.0 28.2 42.4
86 60.8 51.7 77.5

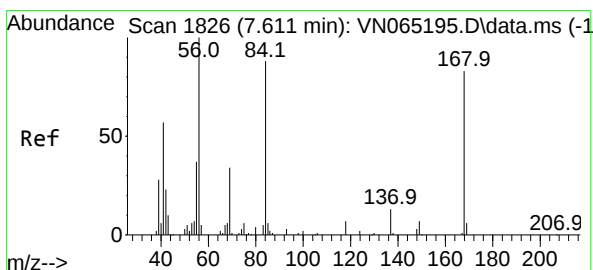
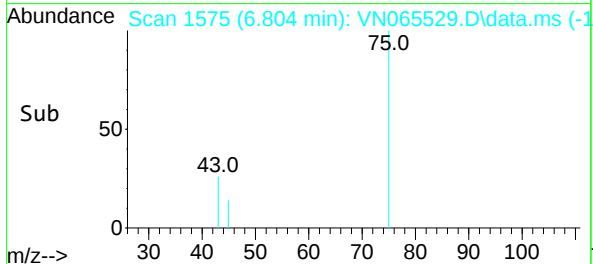
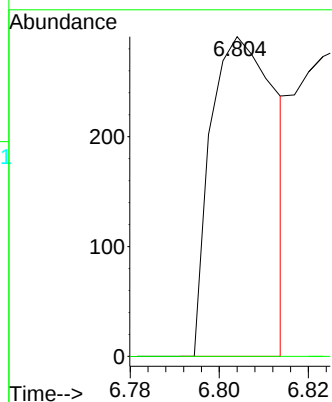
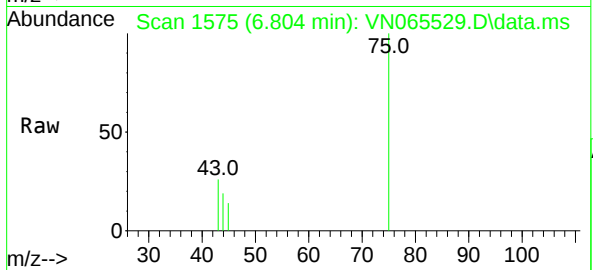




#25
2-Butanone
Concen: 0.23 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

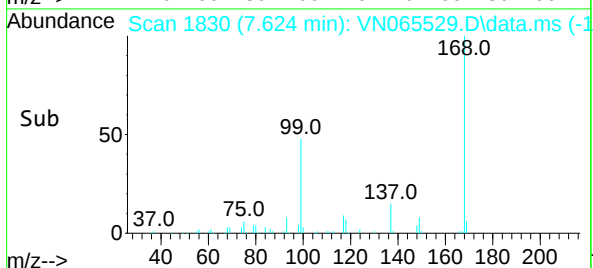
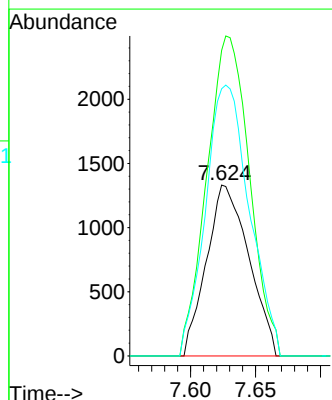
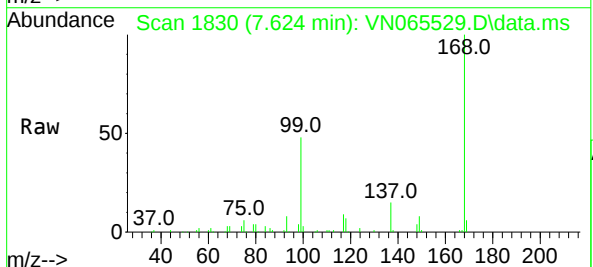
Instrument :
MSVOA_N
ClientSampled :
VNJ-223

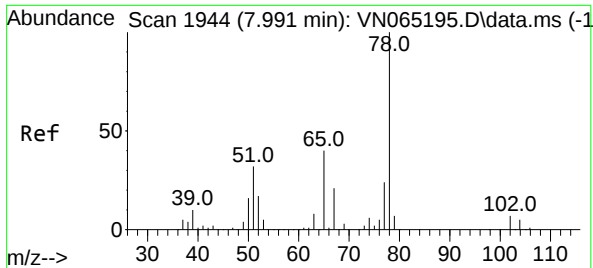
Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 56 Resp: 3013
Ion Ratio Lower Upper
56 100
69 178.9 27.5 41.3#
84 156.4 73.9 110.9#

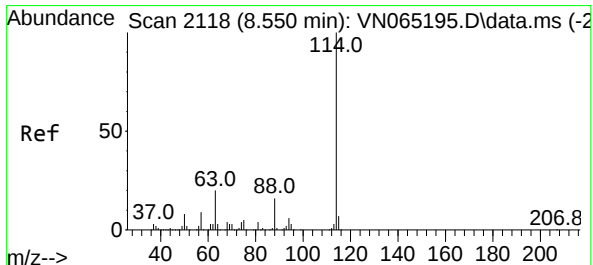
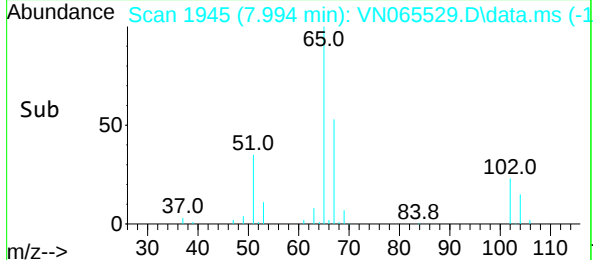
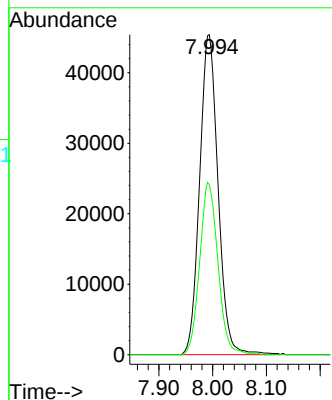
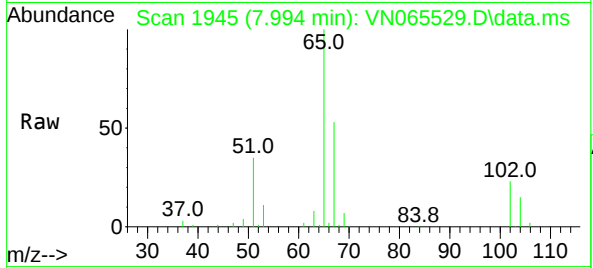




#33
1,2-Dichloroethane-d4
Concen: 47.30 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

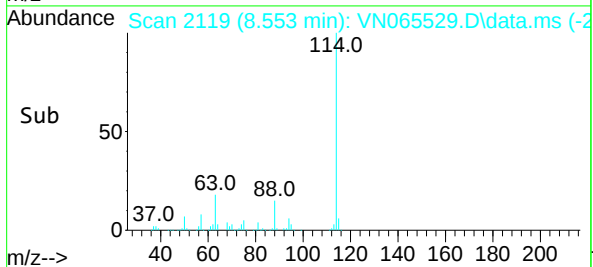
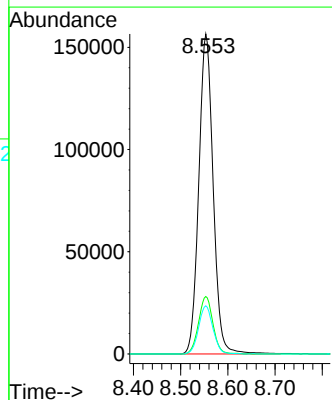
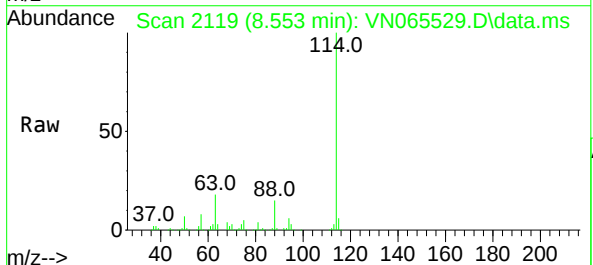
Instrument :
MSVOA_N
ClientSampleId :
VNJ-223

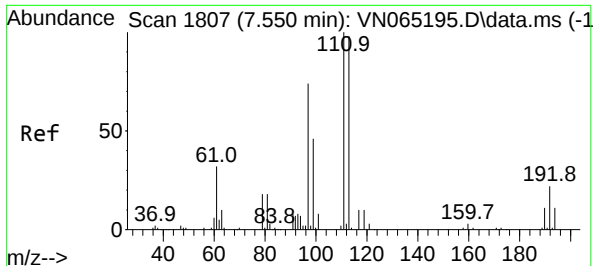
Tgt Ion: 65 Resp: 108146
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 114 Resp: 330159
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.6
88 15.0 0.0 32.6

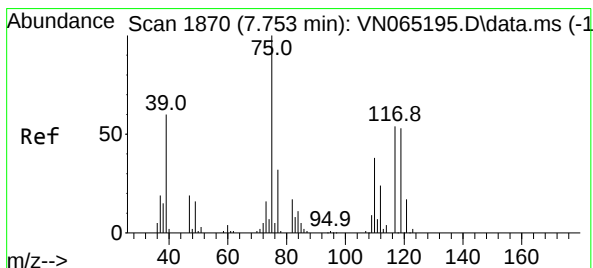
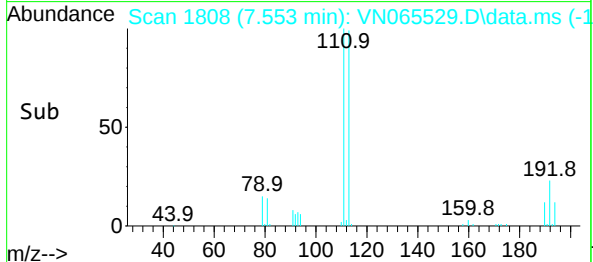
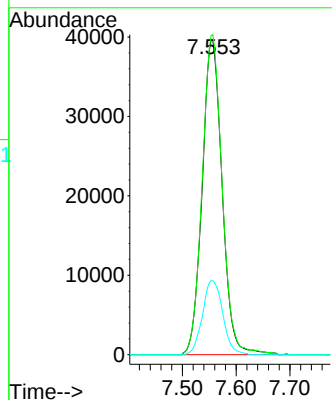
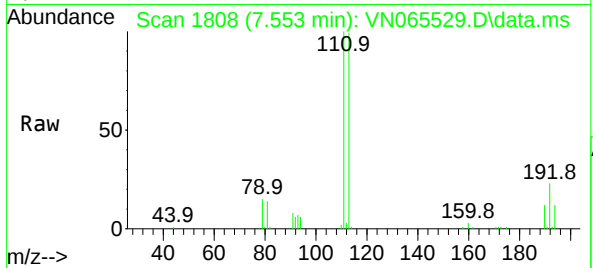




#35
Dibromofluoromethane
Concen: 51.36 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

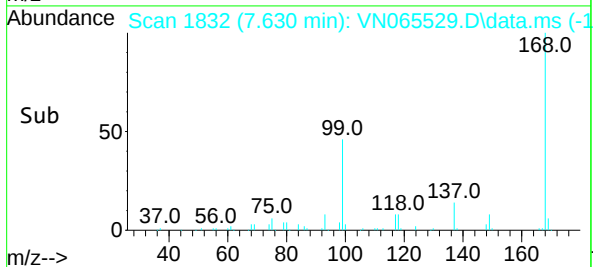
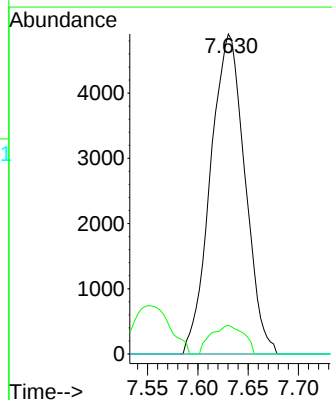
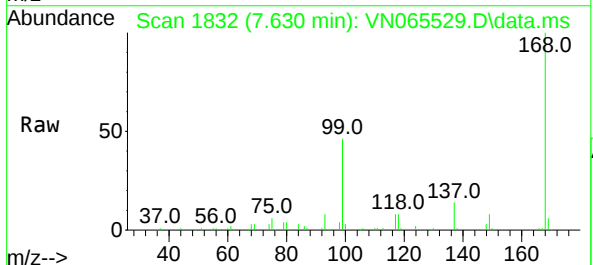
Instrument :
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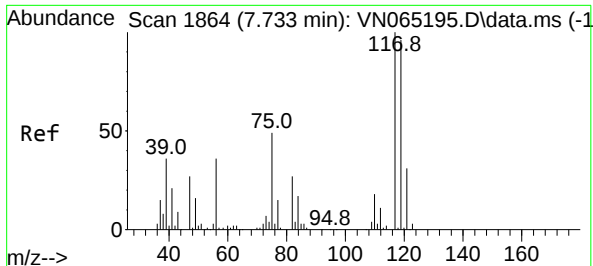
Tgt Ion:	113	Resp:	102301
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	23.9	16.2	24.2



#36
1,1-Dichloropropene
Concen: 3.89 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

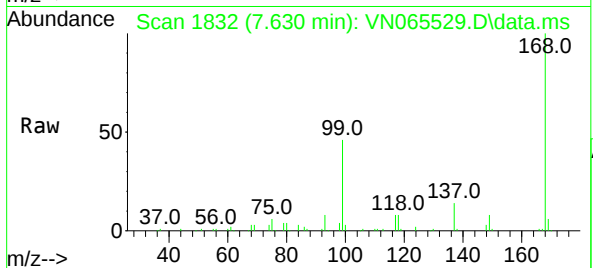
Tgt Ion:	75	Resp:	11685
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.3#
77	0.0	25.0	37.4#



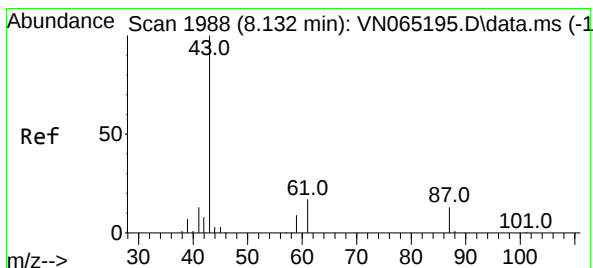
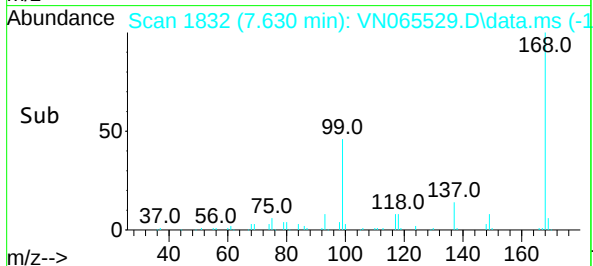
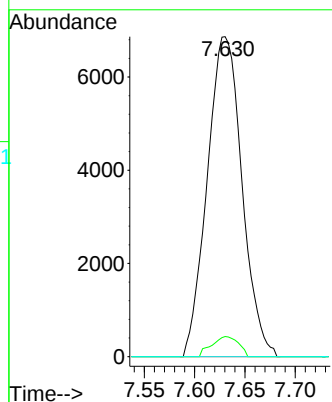


#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :
VNJ-223

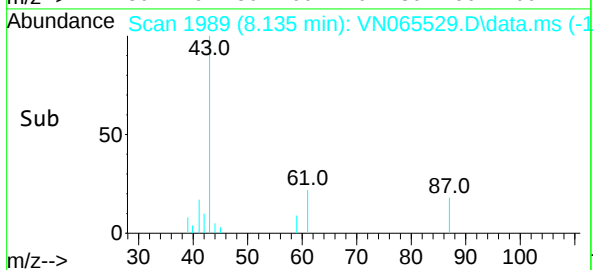
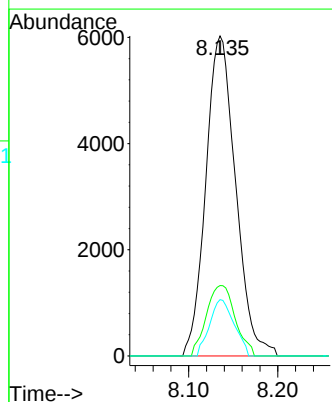
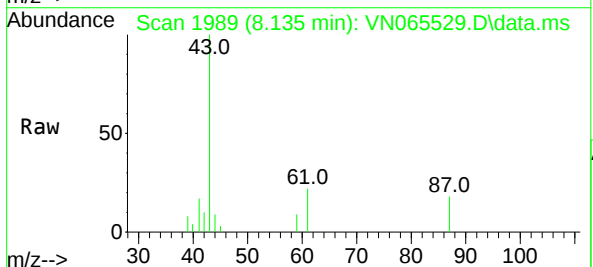


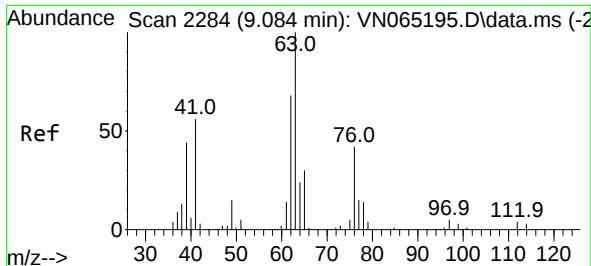
Tgt Ion:117 Resp: 16526
Ion Ratio Lower Upper
117 100
119 6.3 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 2.73 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 43 Resp: 14005
Ion Ratio Lower Upper
43 100
61 21.3 17.2 25.8
87 14.4 11.4 17.0

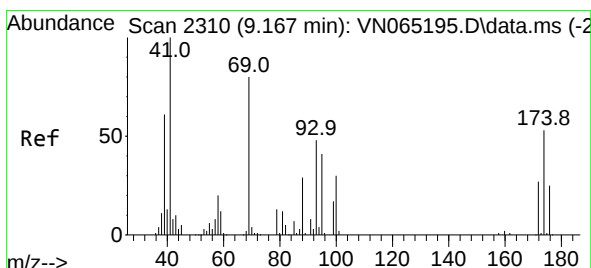
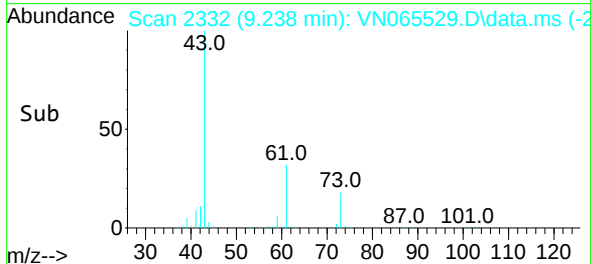
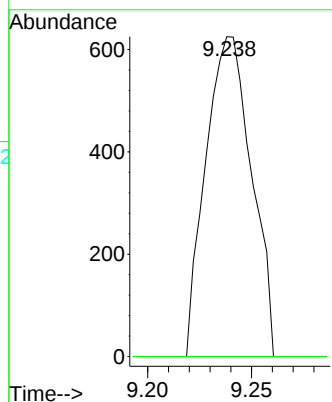
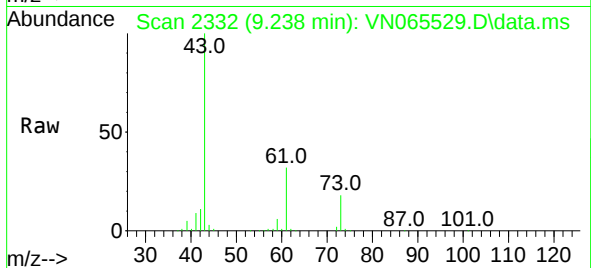




#45
1,2-Dichloropropane
Concen: 0.41 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

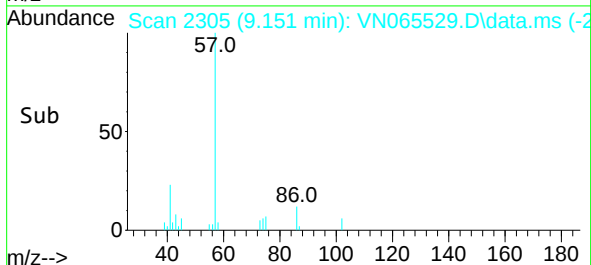
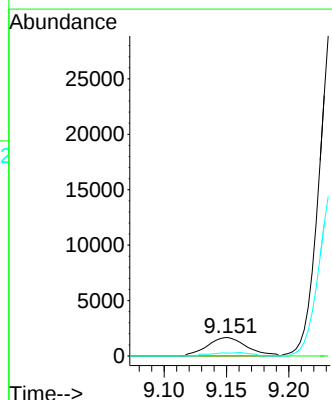
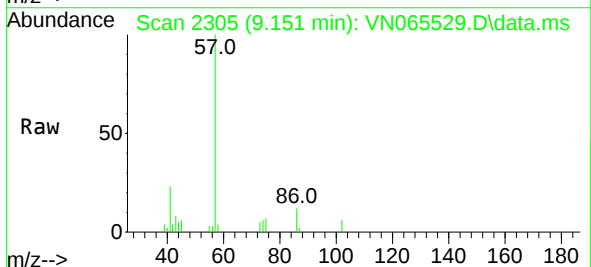
Instrument :
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ClientSampled :
VNJ-223

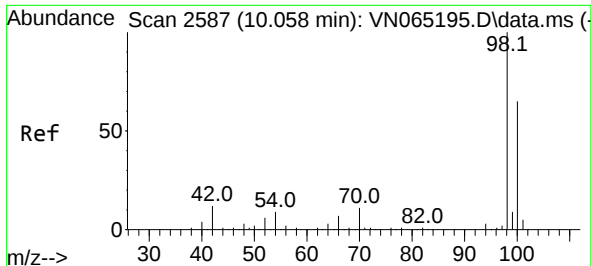
Tgt Ion: 63 Resp: 957
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 41 Resp: 3628
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

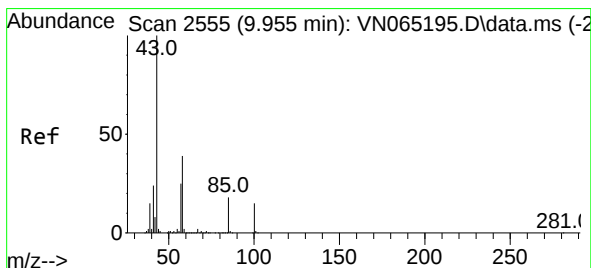
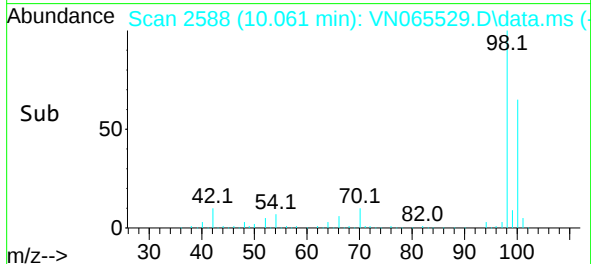
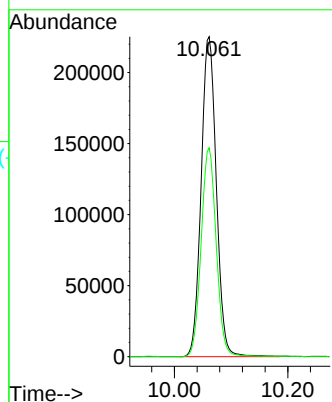
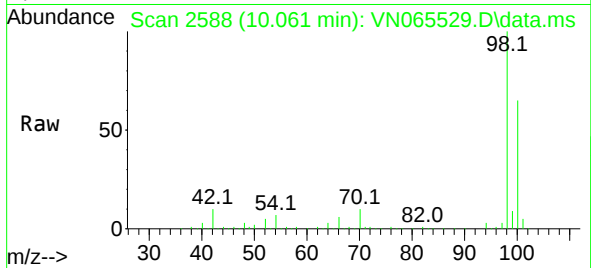




#50
Toluene-d8
Concen: 56.10 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

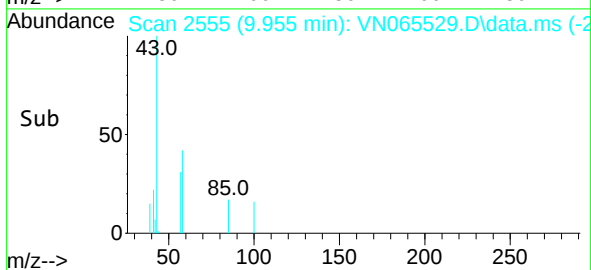
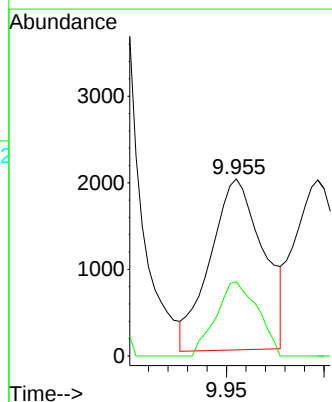
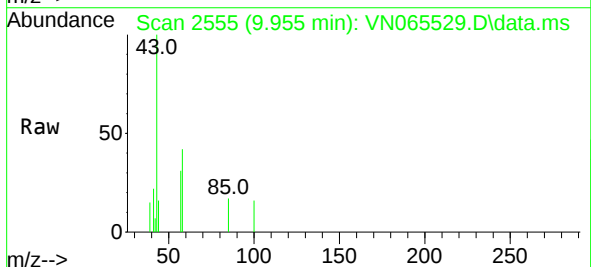
Instrument :
MSVOA_N
ClientSampled :
VNJ-223

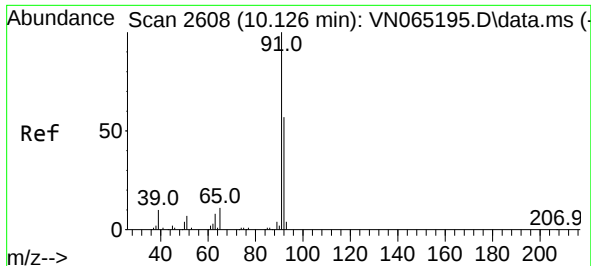
Tgt Ion: 98 Resp: 418826
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.30 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 43 Resp: 3747
Ion Ratio Lower Upper
43 100
58 34.1 32.4 48.6

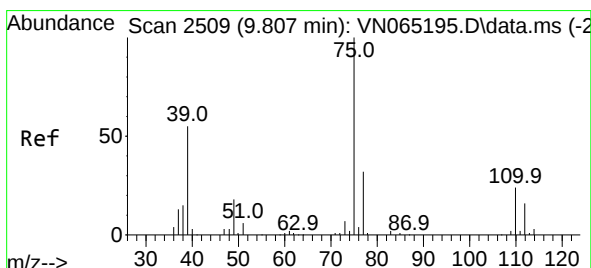
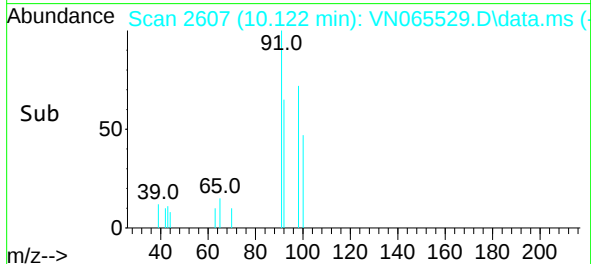
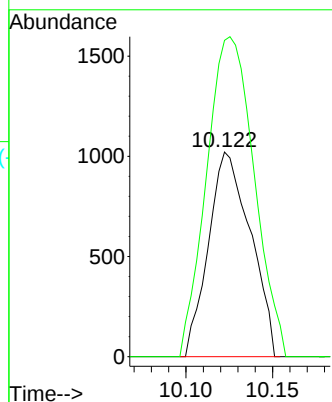
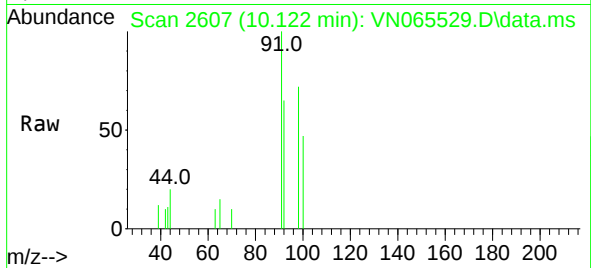




#52
Toluene
Concen: 0.31 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.004 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

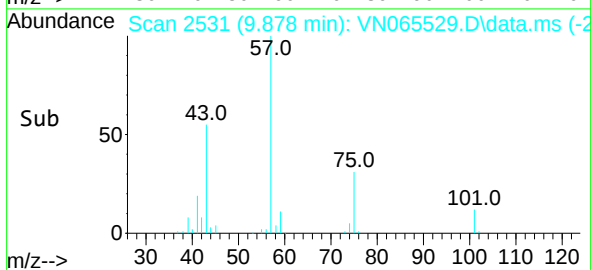
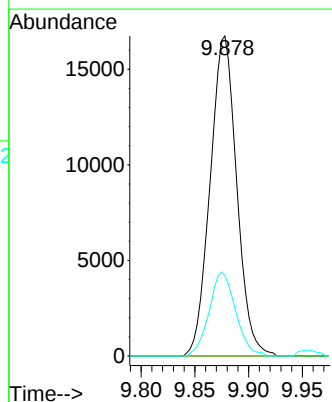
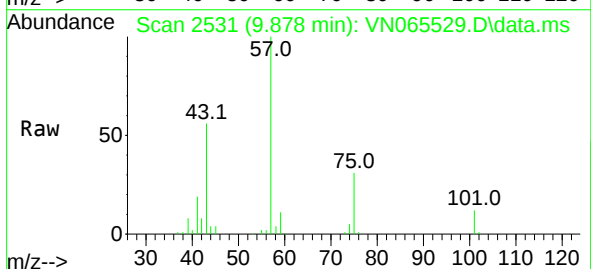
Instrument :
MSVOA_N
ClientSampled :
VNJ-223

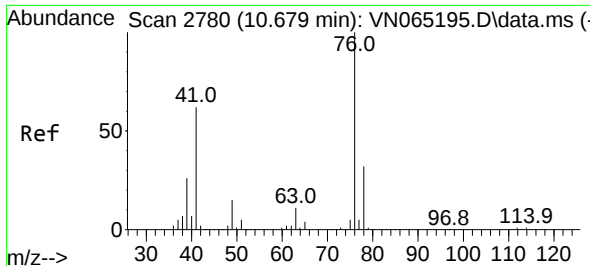
Tgt Ion: 92 Resp: 1722
Ion Ratio Lower Upper
92 100
91 177.0 139.1 208.7



#54
cis-1,3-Dichloropropene
Concen: 7.22 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 75 Resp: 28754
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 25.2 35.6 53.4#

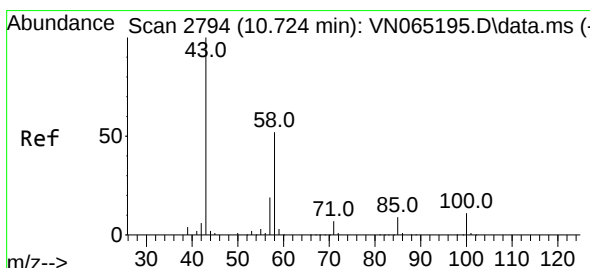
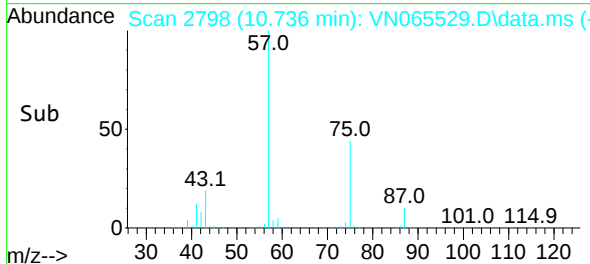
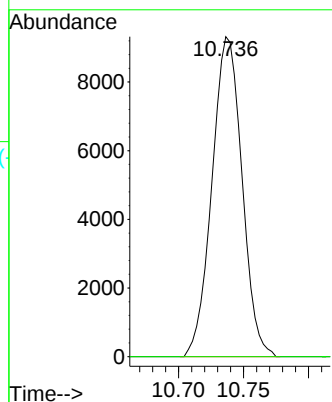
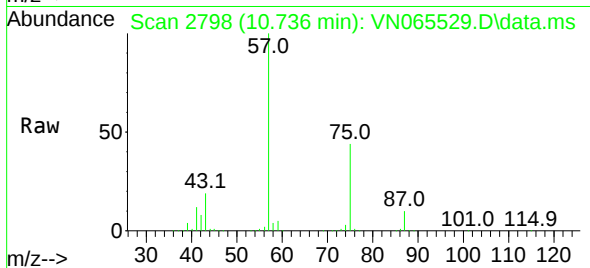




#57
1,3-Dichloropropane
Concen: 4.07 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

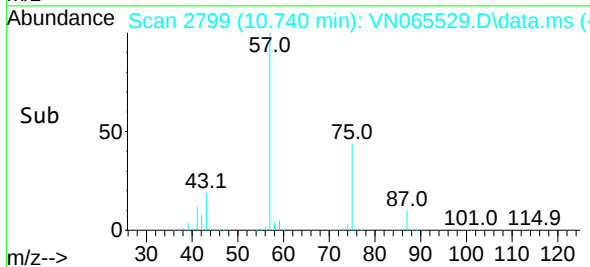
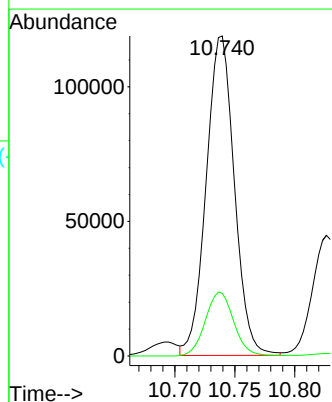
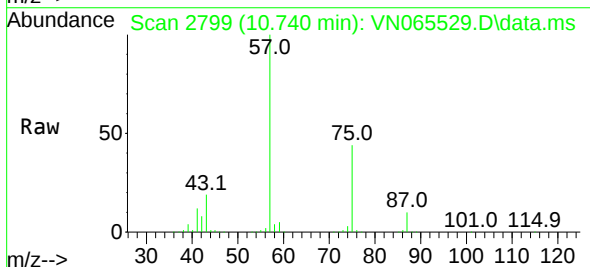
Instrument :
MSVOA_N
ClientSampled :
VNJ-223

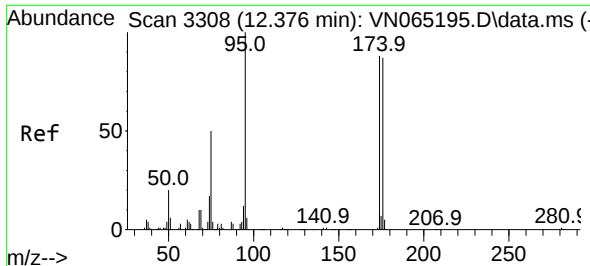
Tgt Ion: 76 Resp: 14974
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 91.28 ug/l
RT: 10.740 min Scan# 2799
Delta R.T. 0.016 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 43 Resp: 193491
Ion Ratio Lower Upper
43 100
58 20.3 28.3 84.9#

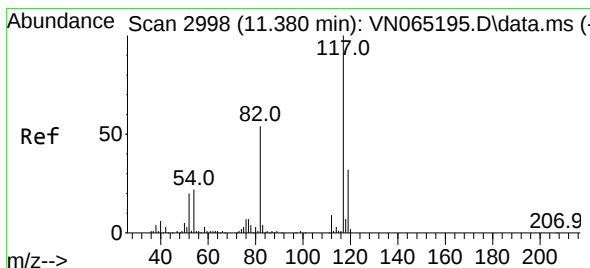
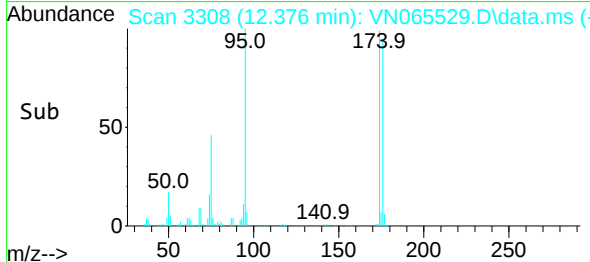
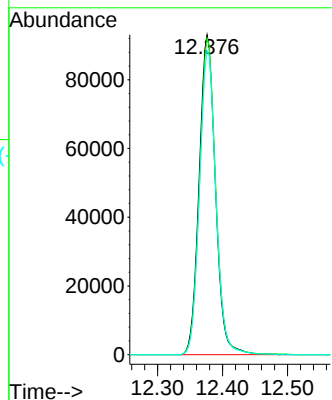
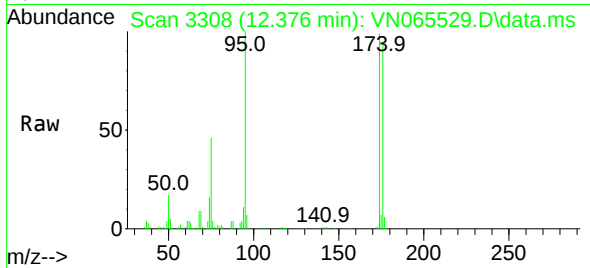




#62
4-Bromofluorobenzene
Concen: 54.66 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

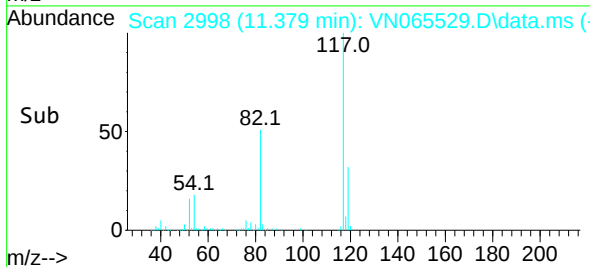
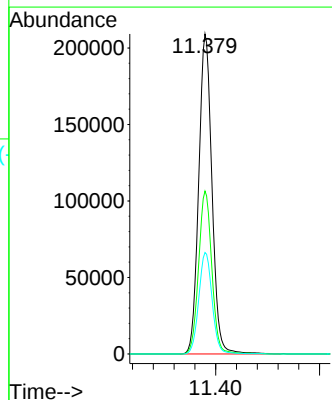
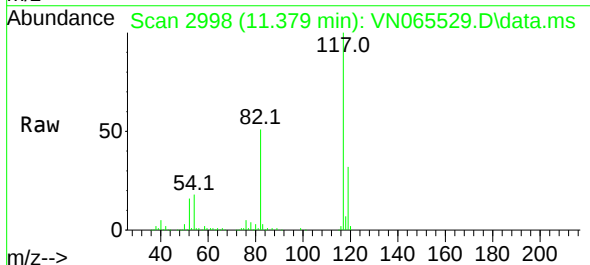
Instrument :
MSVOA_N
ClientSampleId :
VNJ-223

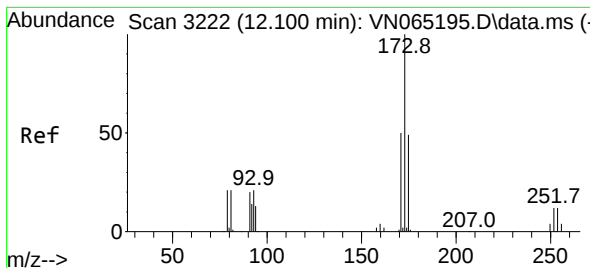
Tgt Ion: 95 Resp: 162960
Ion Ratio Lower Upper
95 100
174 98.9 0.0 160.4
176 95.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 117 Resp: 369519
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 31.7 25.8 38.6





#71

Bromoform

Concen: 0.43 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. 0.273 min

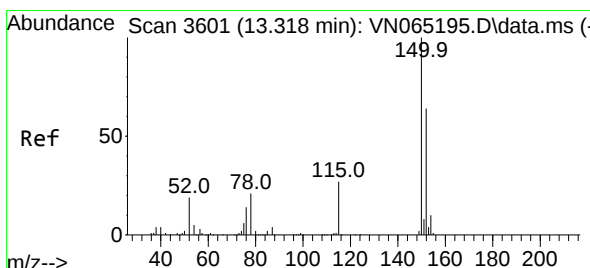
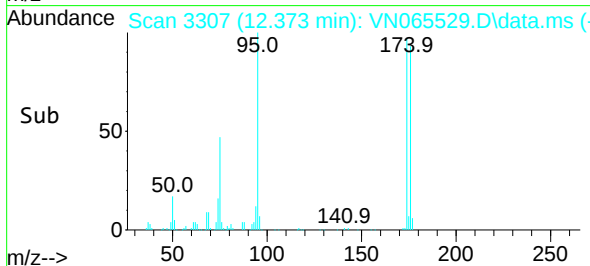
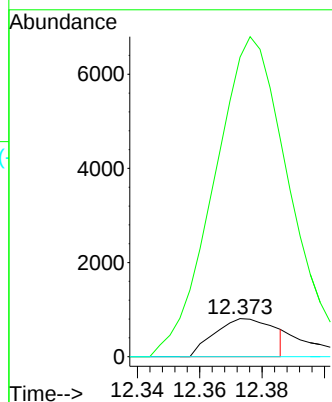
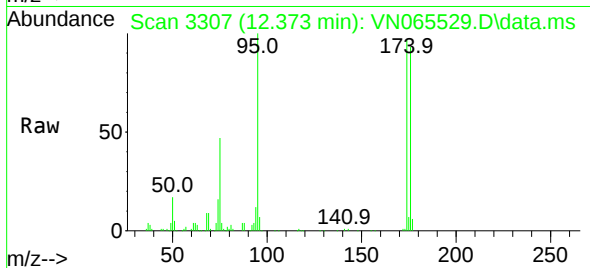
Lab File: VN065529.D

Acq: 15 Jan 2021 18:02

Tgt Ion:173 Resp: 1074

Ion	Ratio	Lower	Upper
173	100		
175	869.6	24.3	72.8#
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VNJ-223



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.318 min Scan# 3601

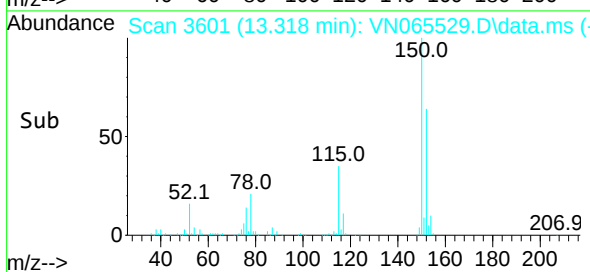
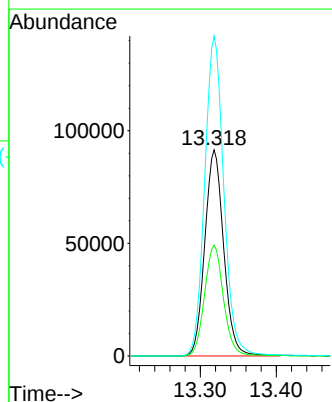
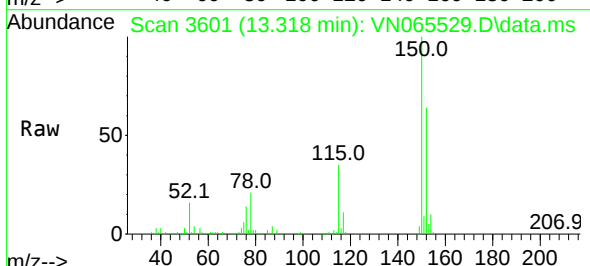
Delta R.T. 0.000 min

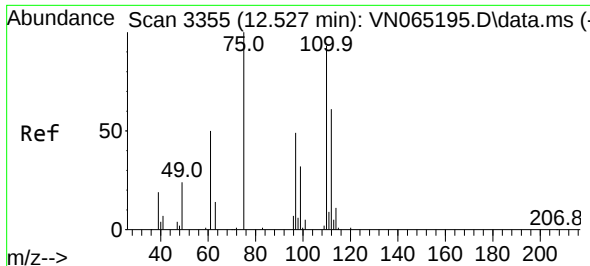
Lab File: VN065529.D

Acq: 15 Jan 2021 18:02

Tgt Ion:152 Resp: 158277

Ion	Ratio	Lower	Upper
152	100		
115	53.8	29.7	89.1
150	157.3	0.0	350.6

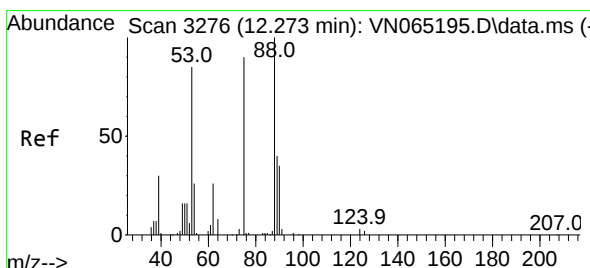
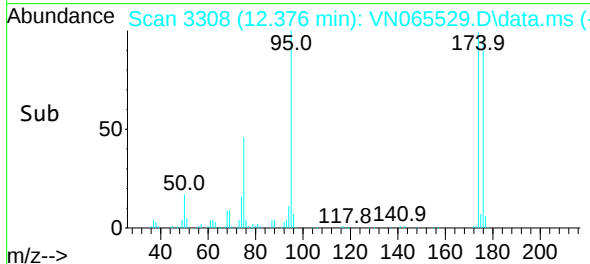
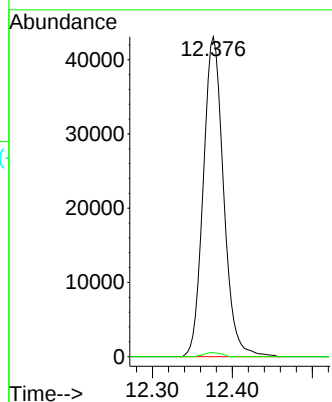
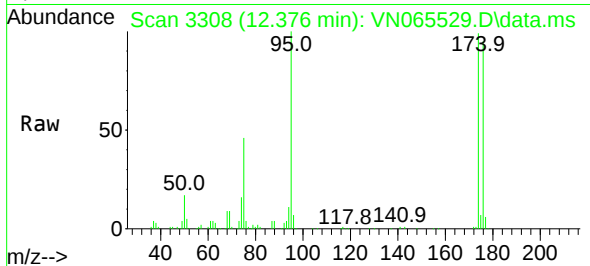




#76
1,2,3-Trichloropropane
Concen: 23.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Instrument :
MSVOA_N
ClientSampled :
VNJ-223

Tgt Ion: 75 Resp: 76087
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065529.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 75 Resp: 76087
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

