

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010421\
 Data File : VN065373.D
 Acq On : 4 Jan 2021 13:13
 Operator : JC/MD
 Sample : L5252-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP

Quant Time: Jan 05 00:57:08 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)

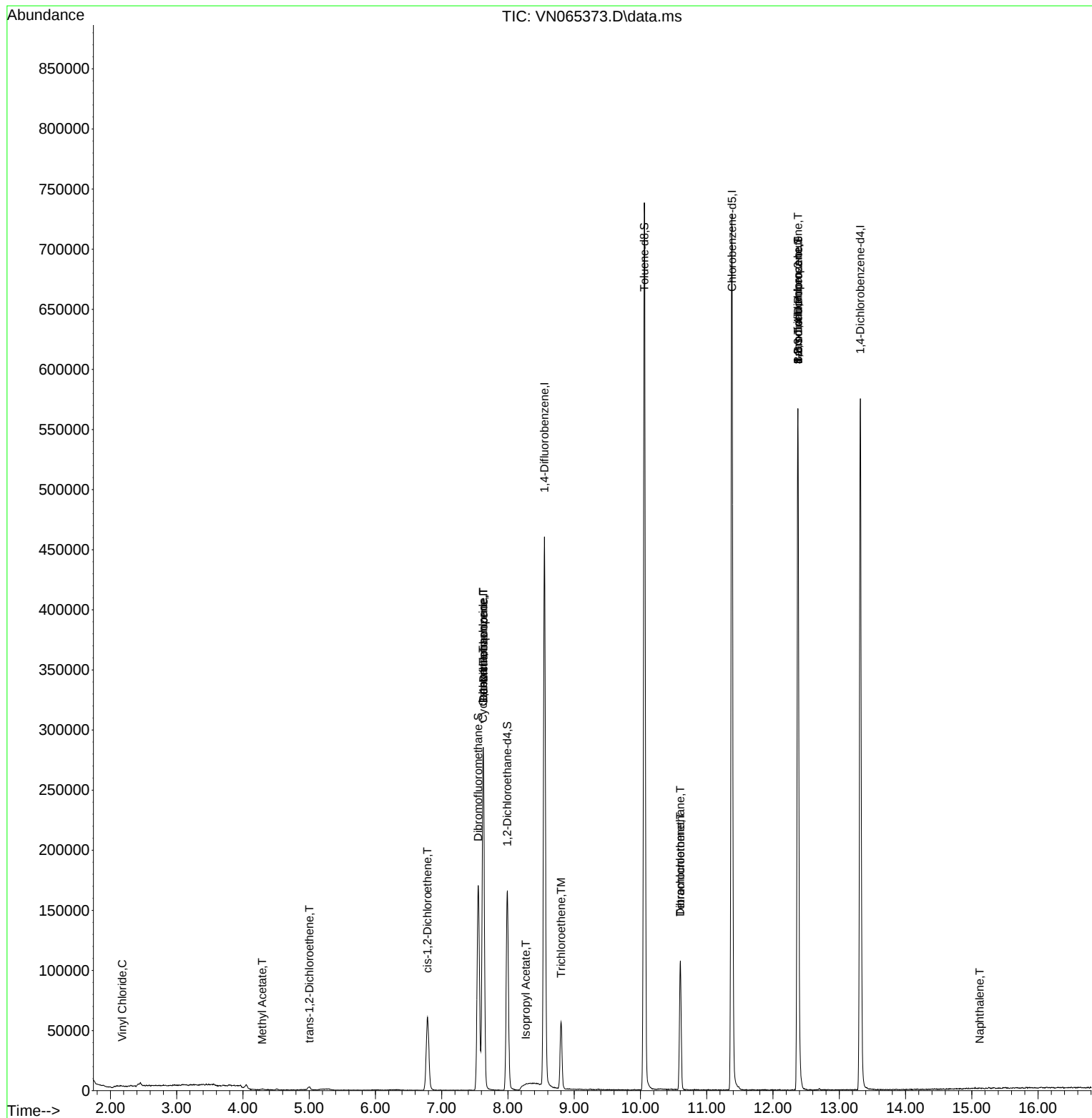
Internal Standards						
1) Pentafluorobenzene	7.627	168	260905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	442053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	456642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	180449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146431	49.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.42%			
35) Dibromofluoromethane	7.550	113	133673	50.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.24%			
50) Toluene-d8	10.058	98	543714	54.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.80%			
62) 4-Bromofluorobenzene	12.376	95	204531	51.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.12%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.181	62	581	0.20	ug/l #	42
16) Acetone	3.779	43	299	Below Cal	#	43
18) Methyl Acetate	4.290	43	753	0.28	ug/l #	58
21) trans-1,2-Dichloroethene	5.000	96	1331	0.53	ug/l	88
27) cis-1,2-Dichloroethene	6.785	96	43496	14.86	ug/l	87
31) Cyclohexane	7.621	56	4421	1.02	ug/l #	4
36) 1,1-Dichloropropene	7.627	75	16344	4.07	ug/l #	50
38) Carbon Tetrachloride	7.624	117	21829	5.17	ug/l #	17
43) Isopropyl Acetate	8.270	43	7652	1.11	ug/l #	59
44) Trichloroethene	8.801	130	22175	6.42	ug/l	97
60) Dibromochloromethane	10.601	129	23739	6.68	ug/l #	10
64) Tetrachloroethene	10.601	164	27794	6.27	ug/l	94
71) Bromoform	12.376	173	1407	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	98739	26.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98739	67.63	ug/l #	15
95) Naphthalene	15.119	128	74	3.38	ug/l #	69

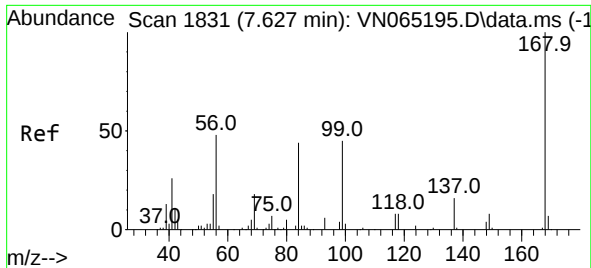
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 00:57:08 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

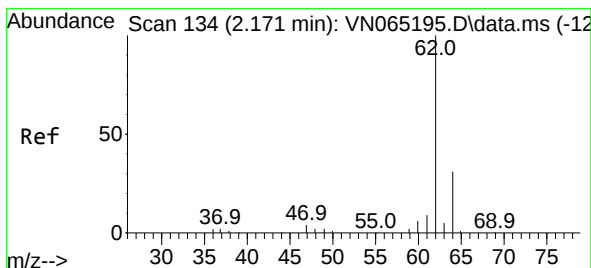
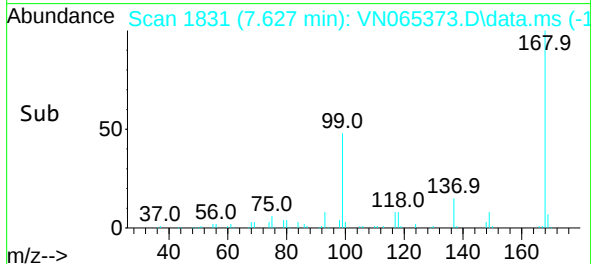
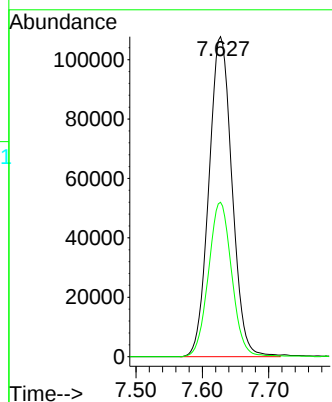
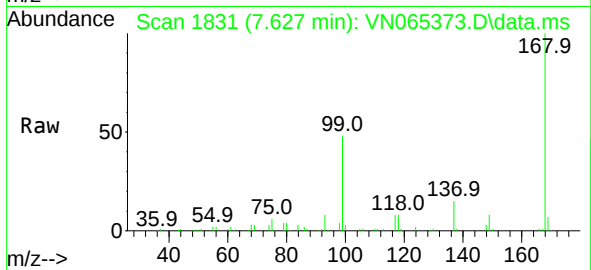




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

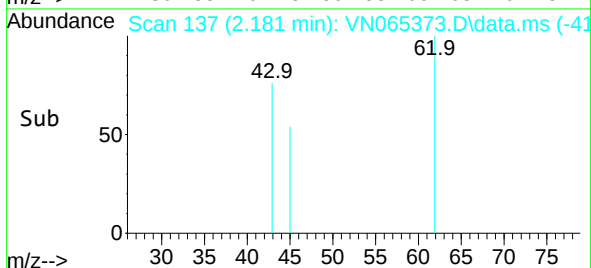
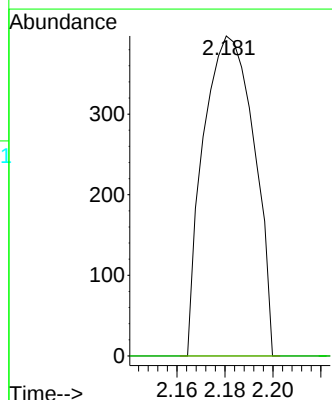
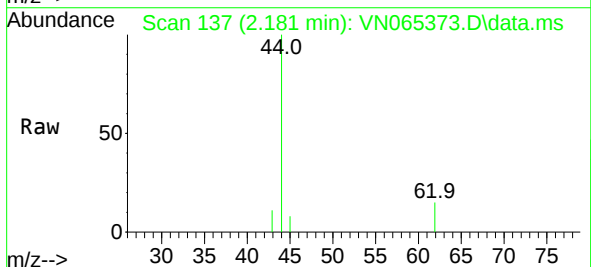
Instrument :
MSVOA_N
ClientSampled :
DUP

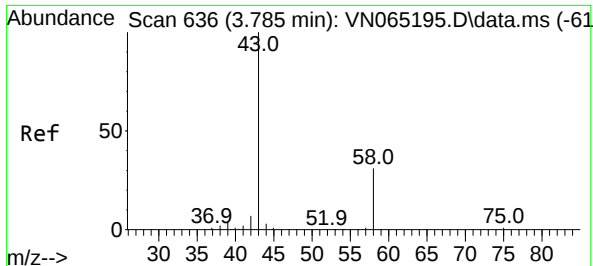
Tgt Ion:168 Resp: 260905
Ion Ratio Lower Upper
168 100
99 48.2 43.0 64.4



#4
Vinyl Chloride
Concen: 0.20 ug/l
RT: 2.181 min Scan# 137
Delta R.T. 0.010 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 62 Resp: 581
Ion Ratio Lower Upper
62 100
64 0.0 26.5 39.7#

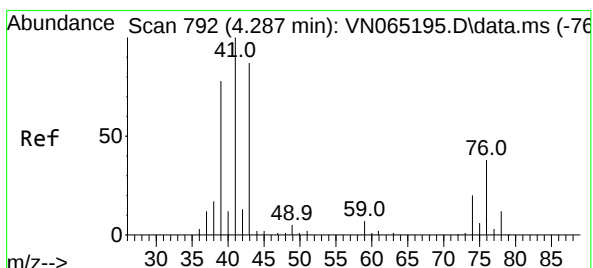
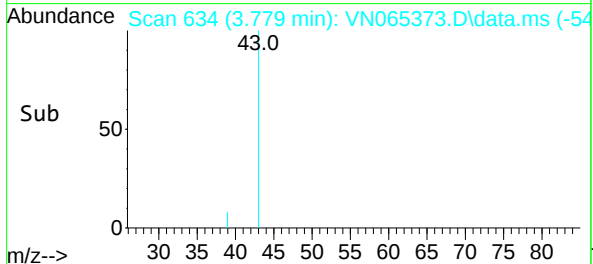
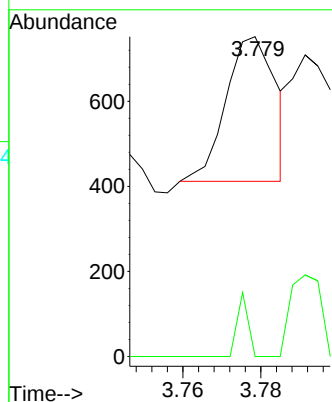
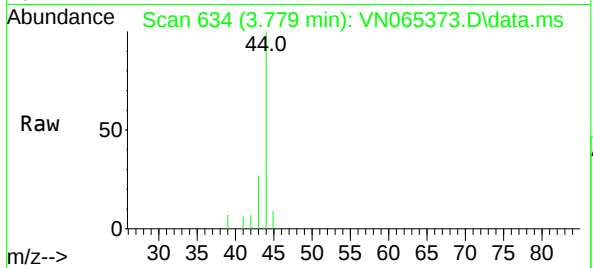




#16
Acetone
Concen: Below Cal
RT: 3.779 min Scan# 634
Delta R.T. -0.006 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

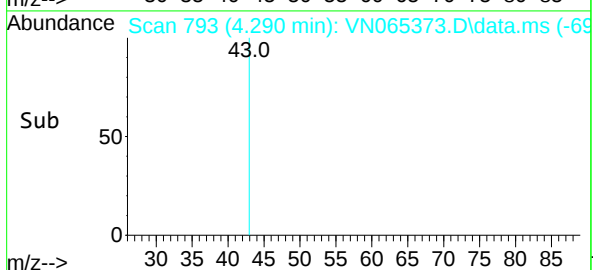
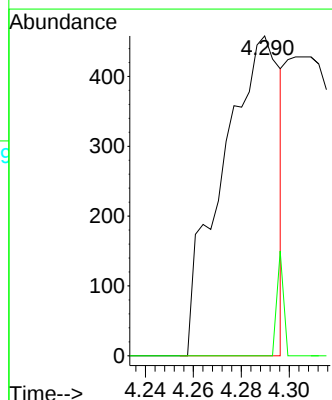
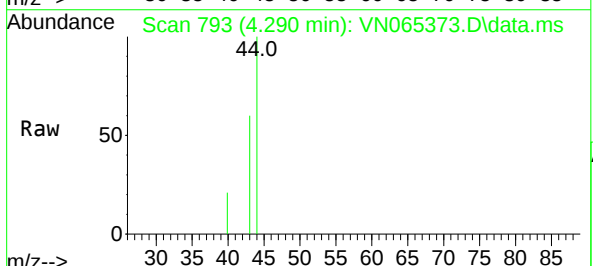
Instrument :
MSVOA_N
ClientSampled :
DUP

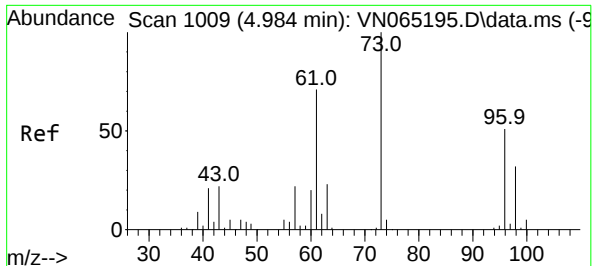
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
74 3.9 20.2 30.2#

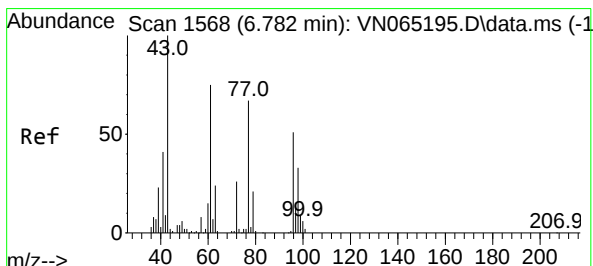
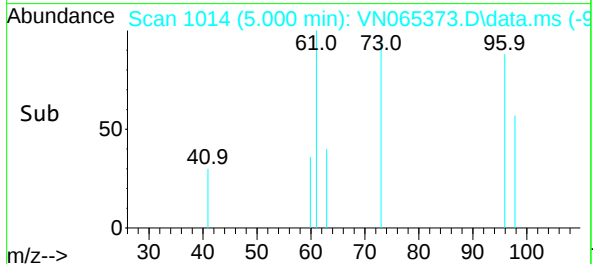
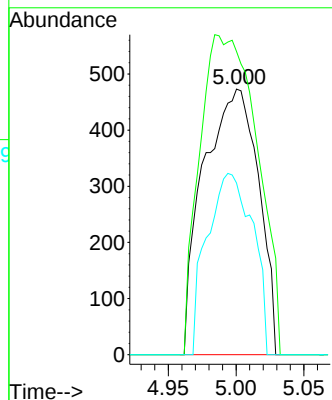
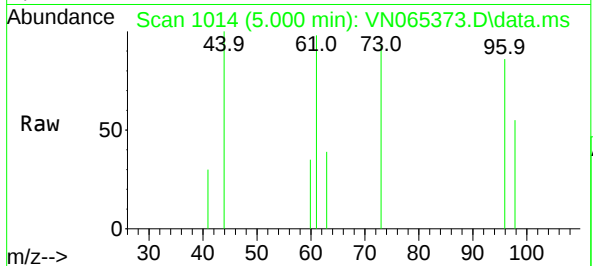




#21
trans-1,2-Dichloroethene
Concen: 0.53 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.016 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

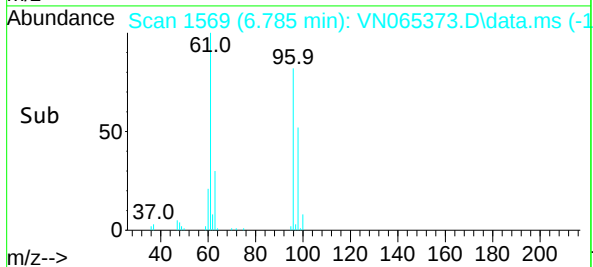
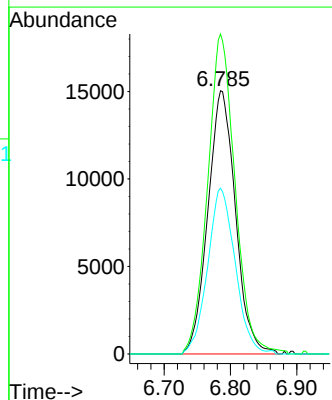
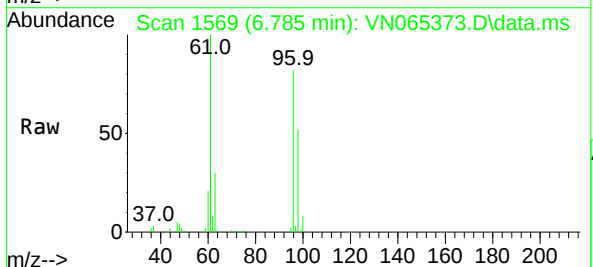
Instrument :
MSVOA_N
ClientSampled :
DUP

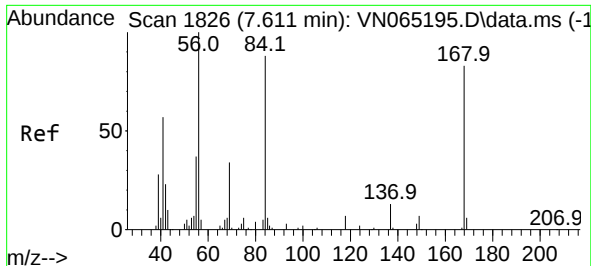
Tgt Ion: 96 Resp: 1331
Ion Ratio Lower Upper
96 100
61 114.2 108.4 162.6
98 64.7 51.3 76.9



#27
cis-1,2-Dichloroethene
Concen: 14.86 ug/l
RT: 6.785 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

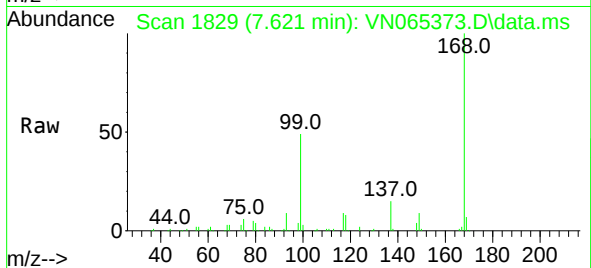
Tgt Ion: 96 Resp: 43496
Ion Ratio Lower Upper
96 100
61 120.7 0.0 285.8
98 62.8 0.0 130.6



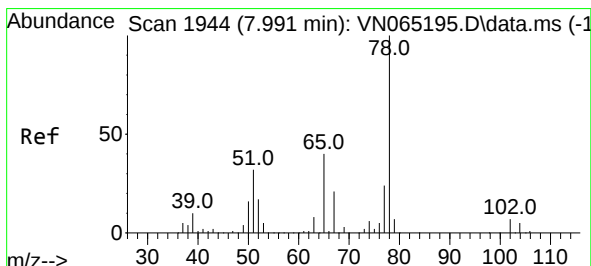
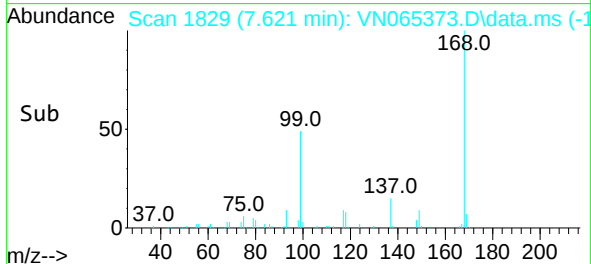
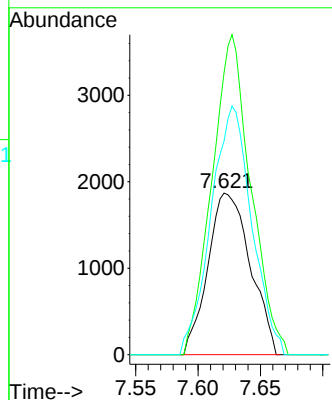


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Instrument :
MSVOA_N
ClientSampled :
DUP

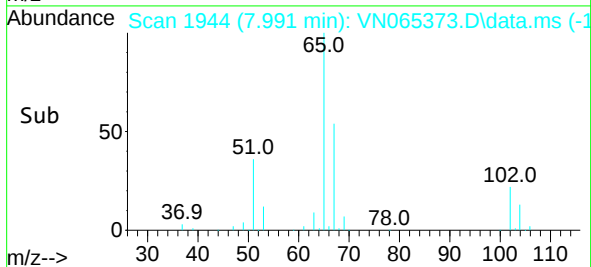
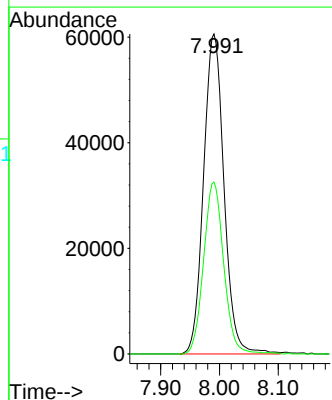
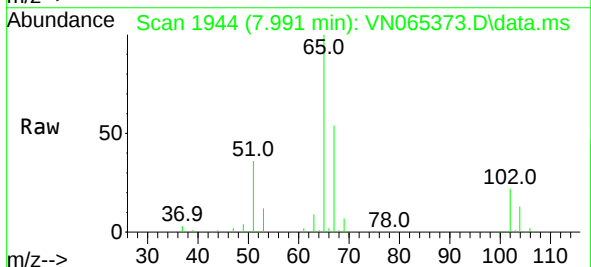


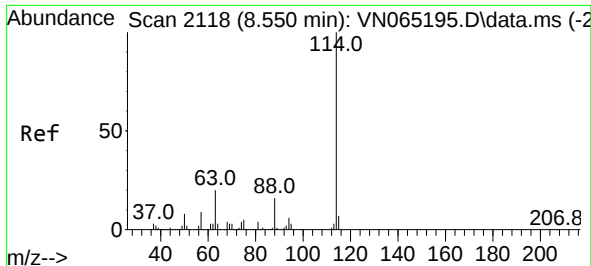
Tgt Ion: 56 Resp: 4421
Ion Ratio Lower Upper
56 100
69 174.4 27.5 41.3#
84 132.3 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 49.71 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 65 Resp: 146431
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.2

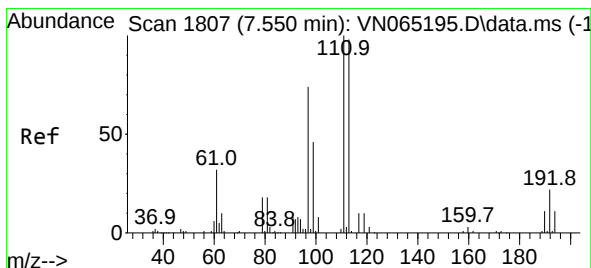
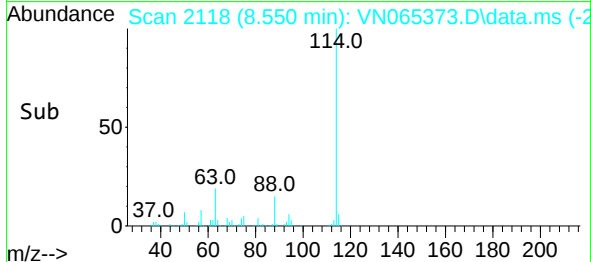
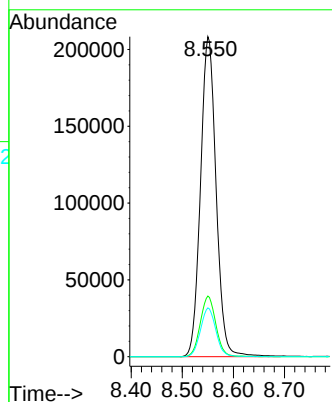
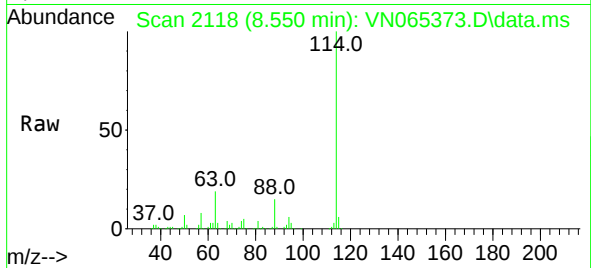




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

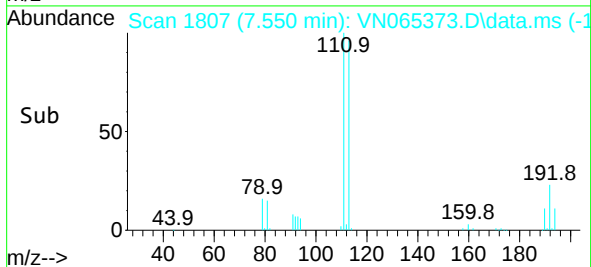
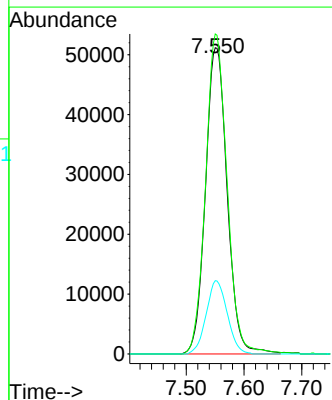
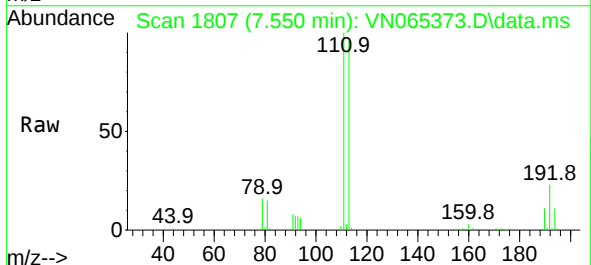
Instrument :
MSVOA_N
ClientSampled :
DUP

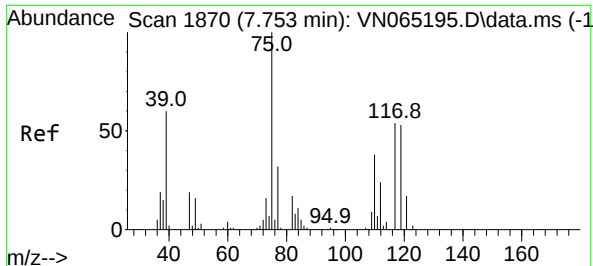
Tgt Ion:114 Resp: 442053
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion:113 Resp: 133673
Ion Ratio Lower Upper
113 100
111 103.6 81.6 122.4
192 23.2 16.2 24.2

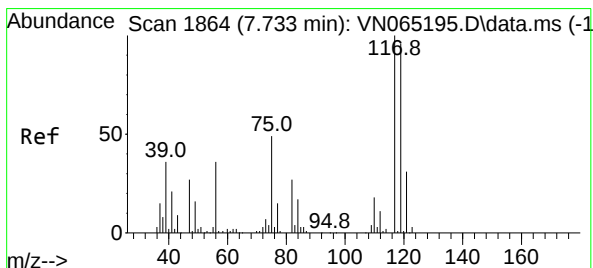
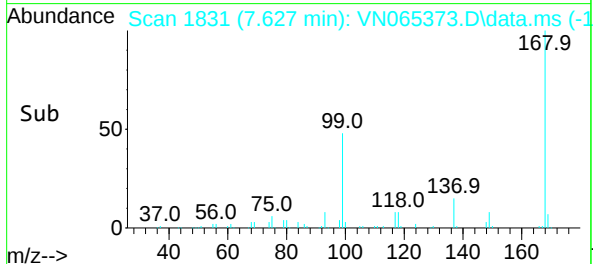
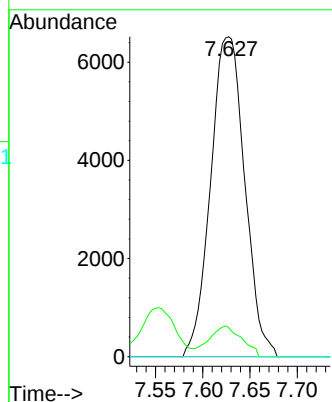
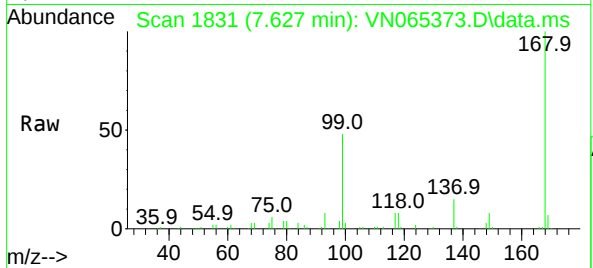




#36
1,1-Dichloropropene
Concen: 4.07 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

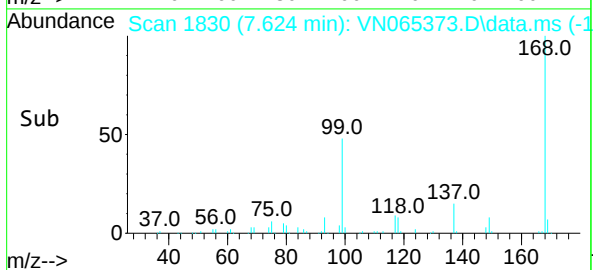
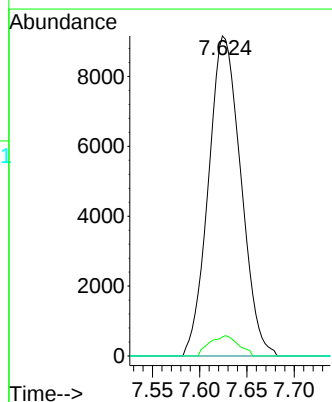
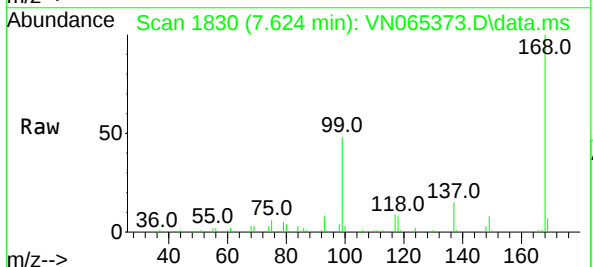
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DUP

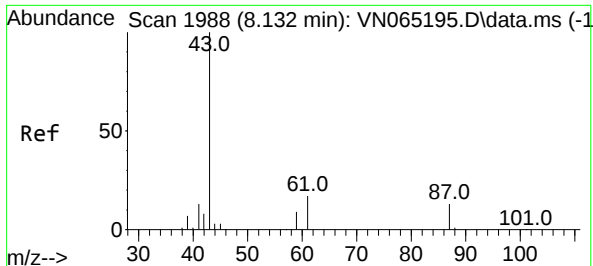
Tgt Ion: 75 Resp: 16344
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 117 Resp: 21829
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#

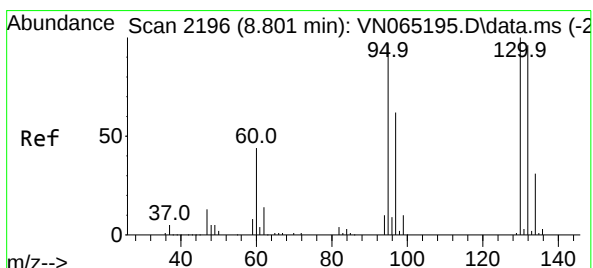
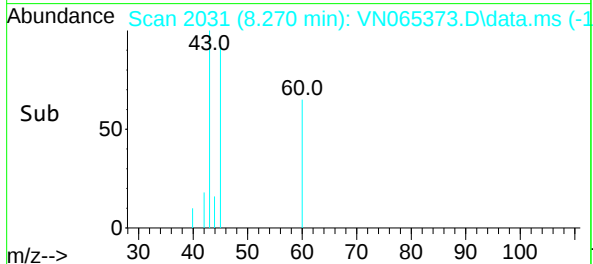
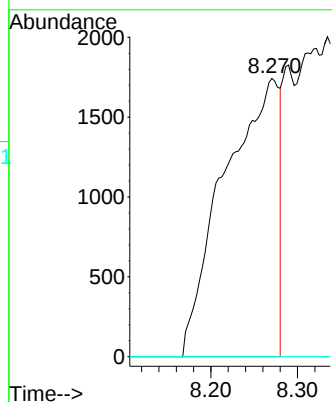
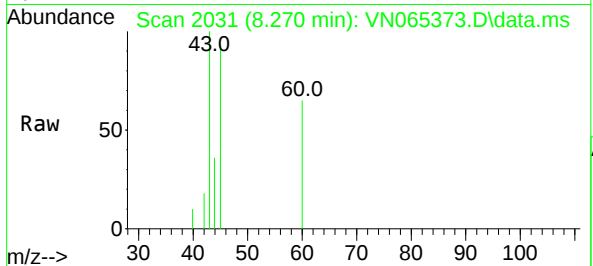




#43
Isopropyl Acetate
Concen: 1.11 ug/l
RT: 8.270 min Scan# 2031
Delta R.T. 0.138 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

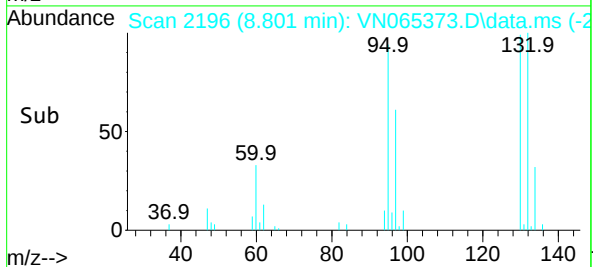
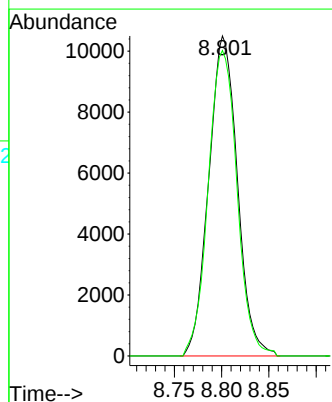
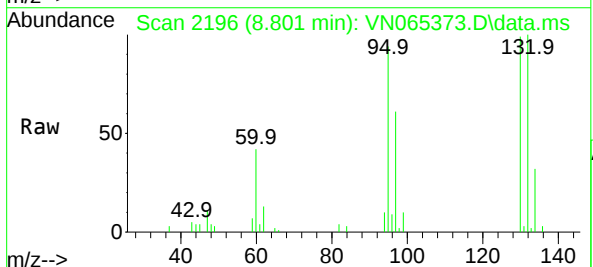
Instrument :
MSVOA_N
ClientSampled :
DUP

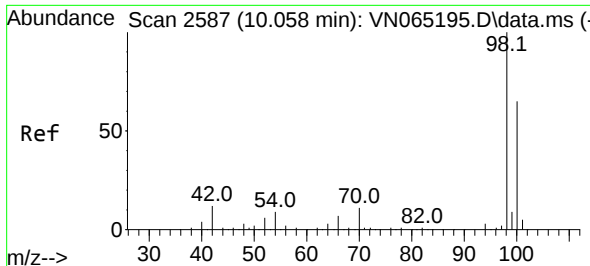
Tgt Ion: 43 Resp: 7652
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#



#44
Trichloroethene
Concen: 6.42 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 130 Resp: 22175
Ion Ratio Lower Upper
130 100
95 95.4 0.0 197.8

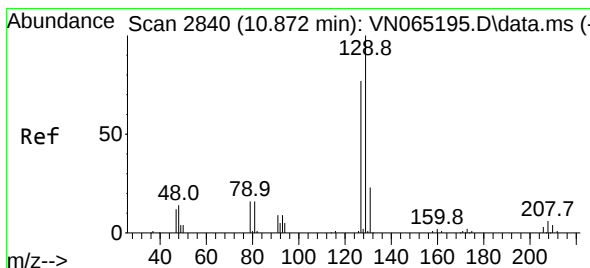
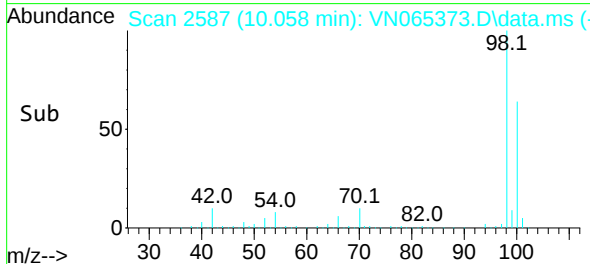
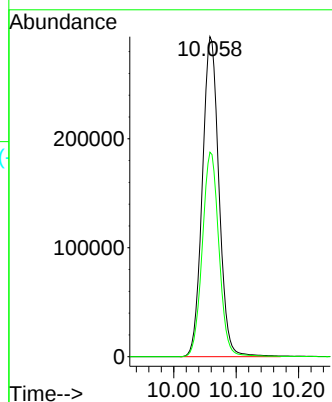
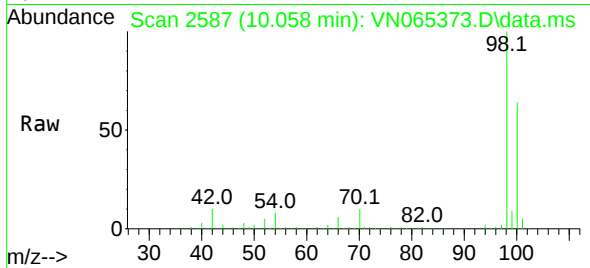




#50
Toluene-d8
Concen: 54.40 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

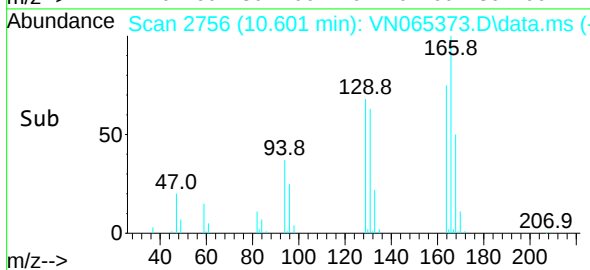
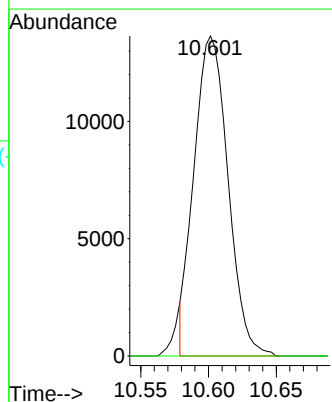
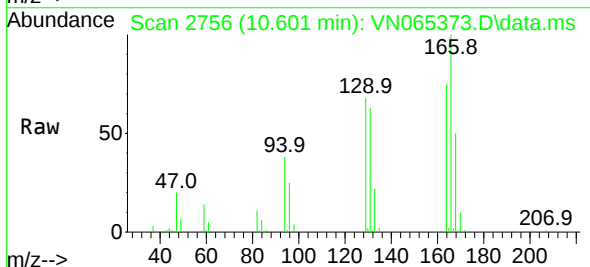
Instrument :
MSVOA_N
ClientSampled :
DUP

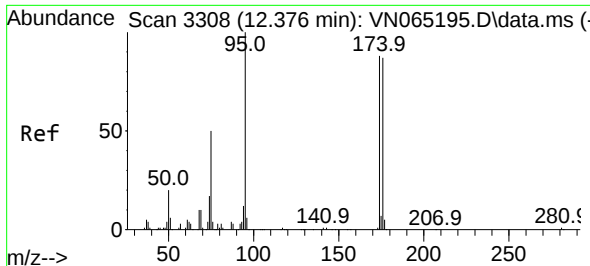
Tgt Ion: 98 Resp: 543714
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#60
Dibromochloromethane
Concen: 6.68 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion:129 Resp: 23739
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

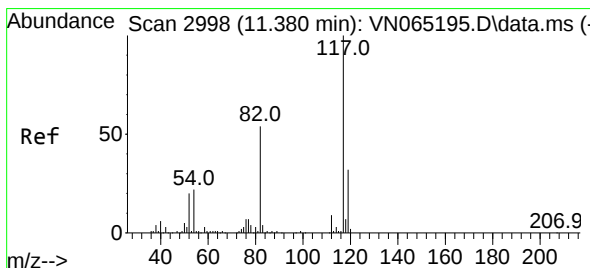
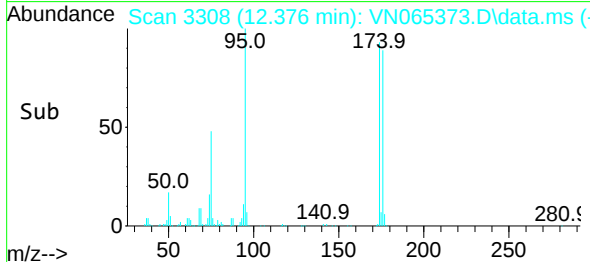
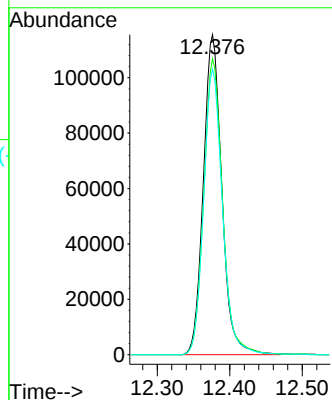
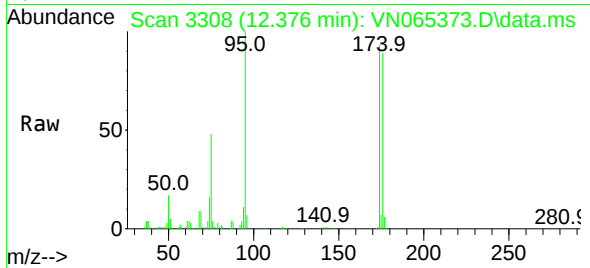




#62
4-Bromofluorobenzene
Concen: 51.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

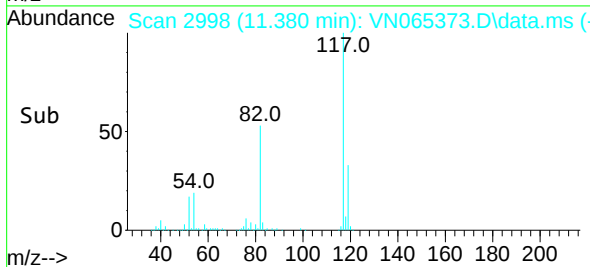
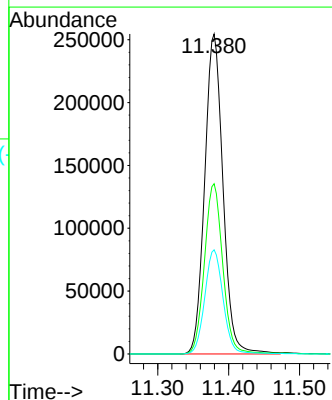
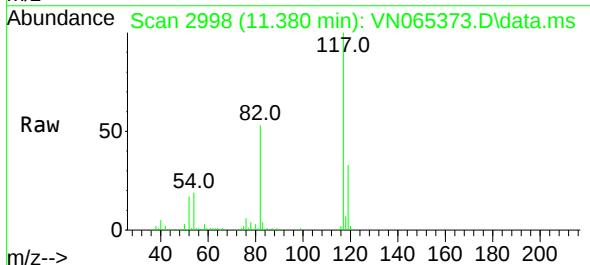
Instrument :
MSVOA_N
ClientSampled :
DUP

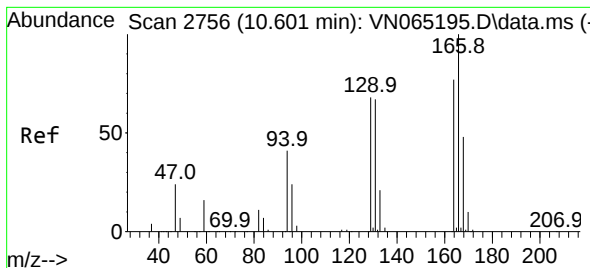
Tgt Ion: 95 Resp: 204531
Ion Ratio Lower Upper
95 100
174 94.0 0.0 160.4
176 90.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 117 Resp: 456642
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.6 25.8 38.6





#64

Tetrachloroethene

Concen: 6.27 ug/l

RT: 10.601 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VN065373.D

Acq: 4 Jan 2021 13:13

Instrument :

MSVOA_N

ClientSampleId :

DUP

Tgt Ion:164 Resp: 27794

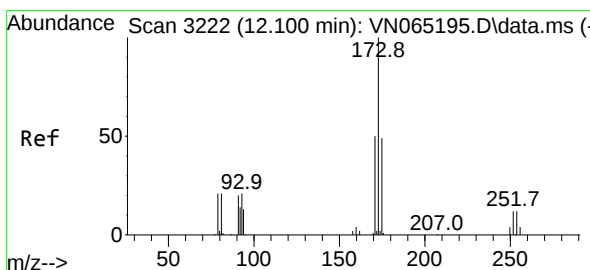
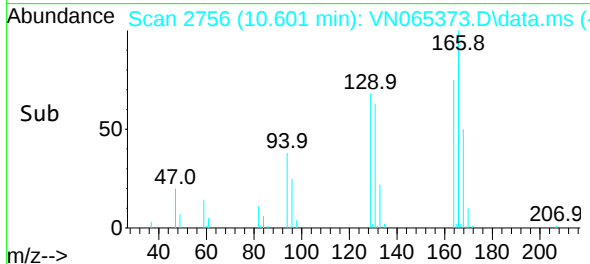
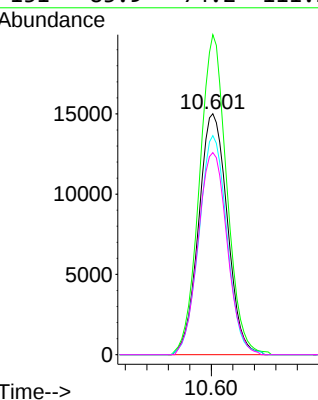
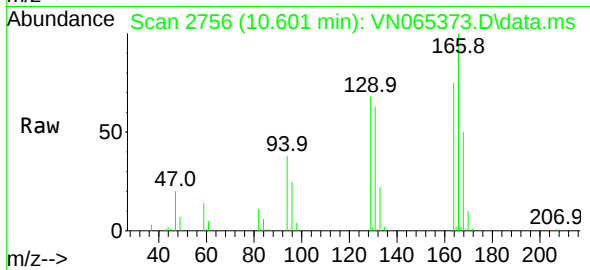
Ion Ratio Lower Upper

164 100

166 132.8 101.4 152.0

129 90.9 76.1 114.1

131 83.9 74.2 111.2



#71

Bromoform

Concen: 0.45 ug/l

RT: 12.376 min Scan# 3308

Delta R.T. 0.276 min

Lab File: VN065373.D

Acq: 4 Jan 2021 13:13

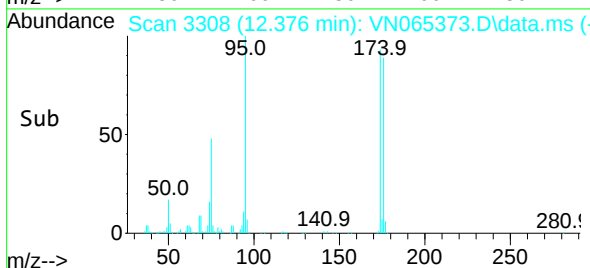
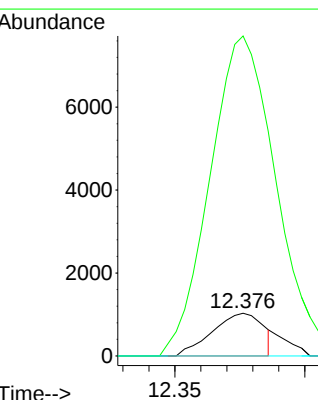
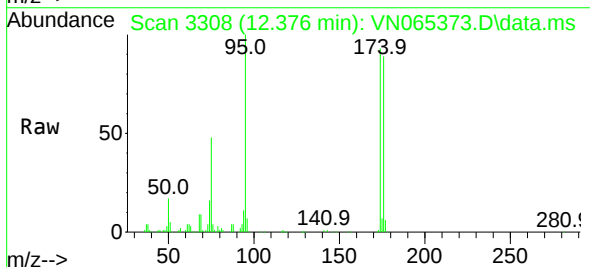
Tgt Ion:173 Resp: 1407

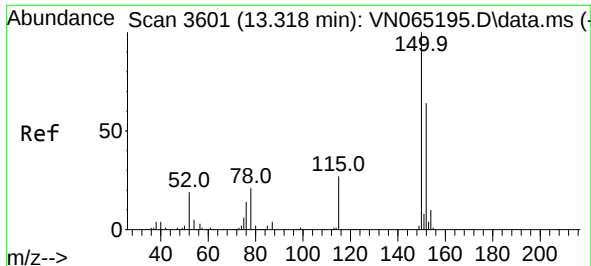
Ion Ratio Lower Upper

173 100

175 794.5 24.3 72.8#

254 0.0 0.0 0.0

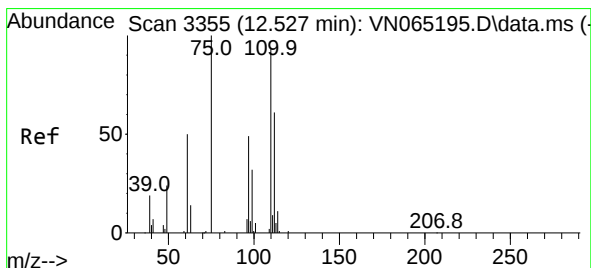
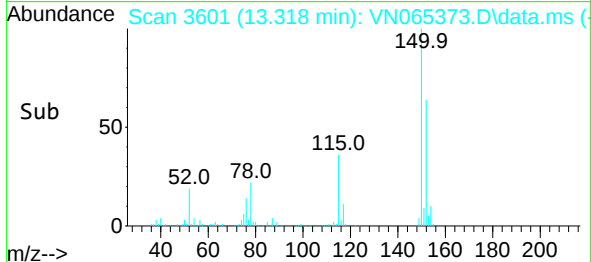
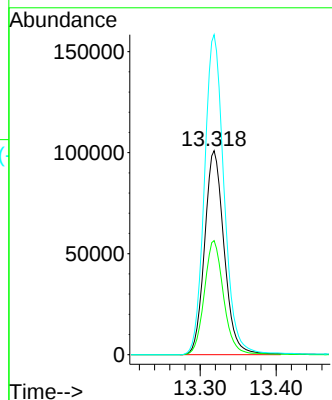
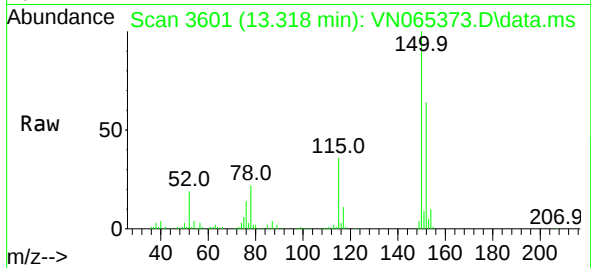




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

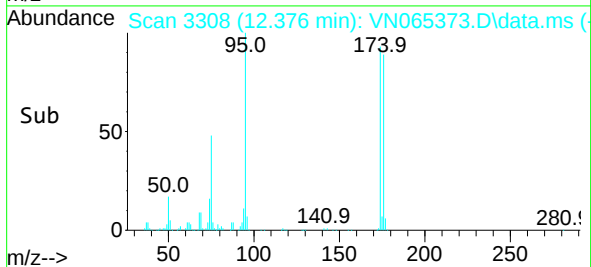
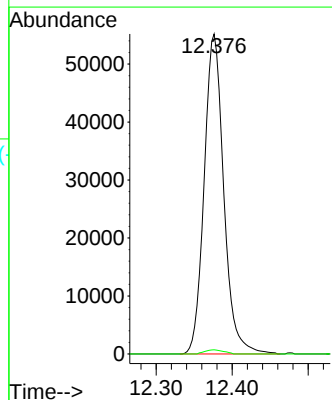
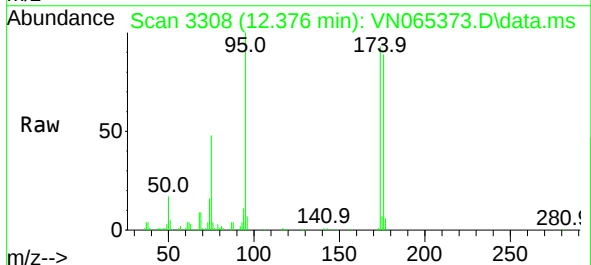
Instrument :
MSVOA_N
ClientSampled :
DUP

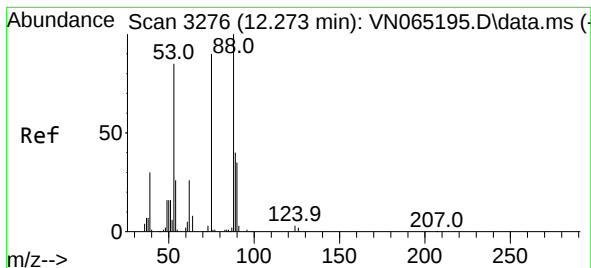
Tgt Ion:152 Resp: 180449
Ion Ratio Lower Upper
152 100
115 55.3 29.7 89.1
150 157.8 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.82 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 75 Resp: 98739
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

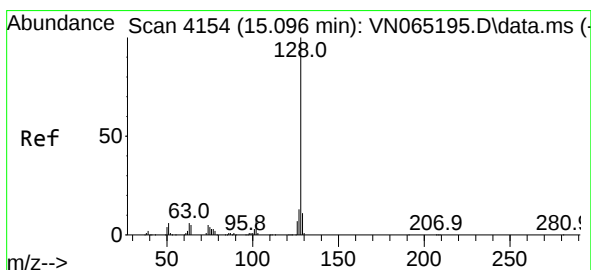
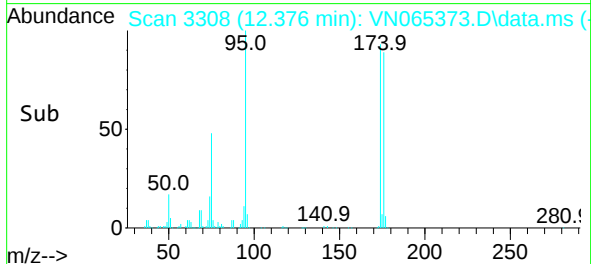
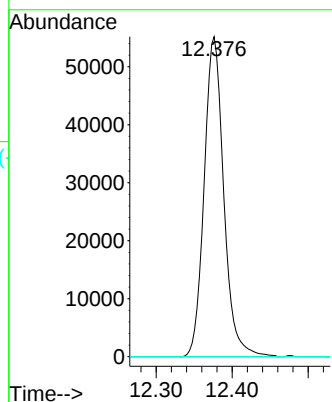
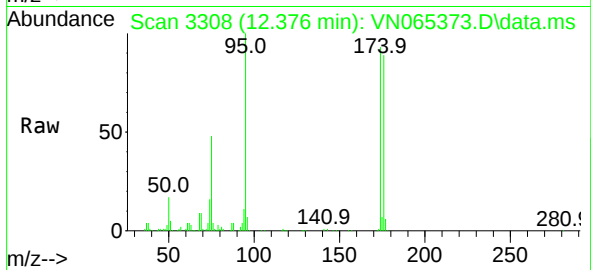




#81
trans-1,4-Dichloro-2-butene
Concen: 67.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Instrument :
MSVOA_N
ClientSampled :
DUP

Tgt Ion: 75 Resp: 98739
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: 15.119 min Scan# 4161
Delta R.T. 0.023 min
Lab File: VN065373.D
Acq: 4 Jan 2021 13:13

Tgt Ion: 128 Resp: 74
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

