

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066061.D
 Acq On : 26 Feb 2021 19:05
 Operator : JC/MD
 Sample : M1489-06 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41129

Quant Time: Feb 26 23:37:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	108705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	176033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	158701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	65956	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	74094	48.74	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.48%
35) Dibromofluoromethane	7.553	113	54716	50.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.44%
50) Toluene-d8	10.058	98	214238	47.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.82%
62) 4-Bromofluorobenzene	12.373	95	78016	46.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.94%

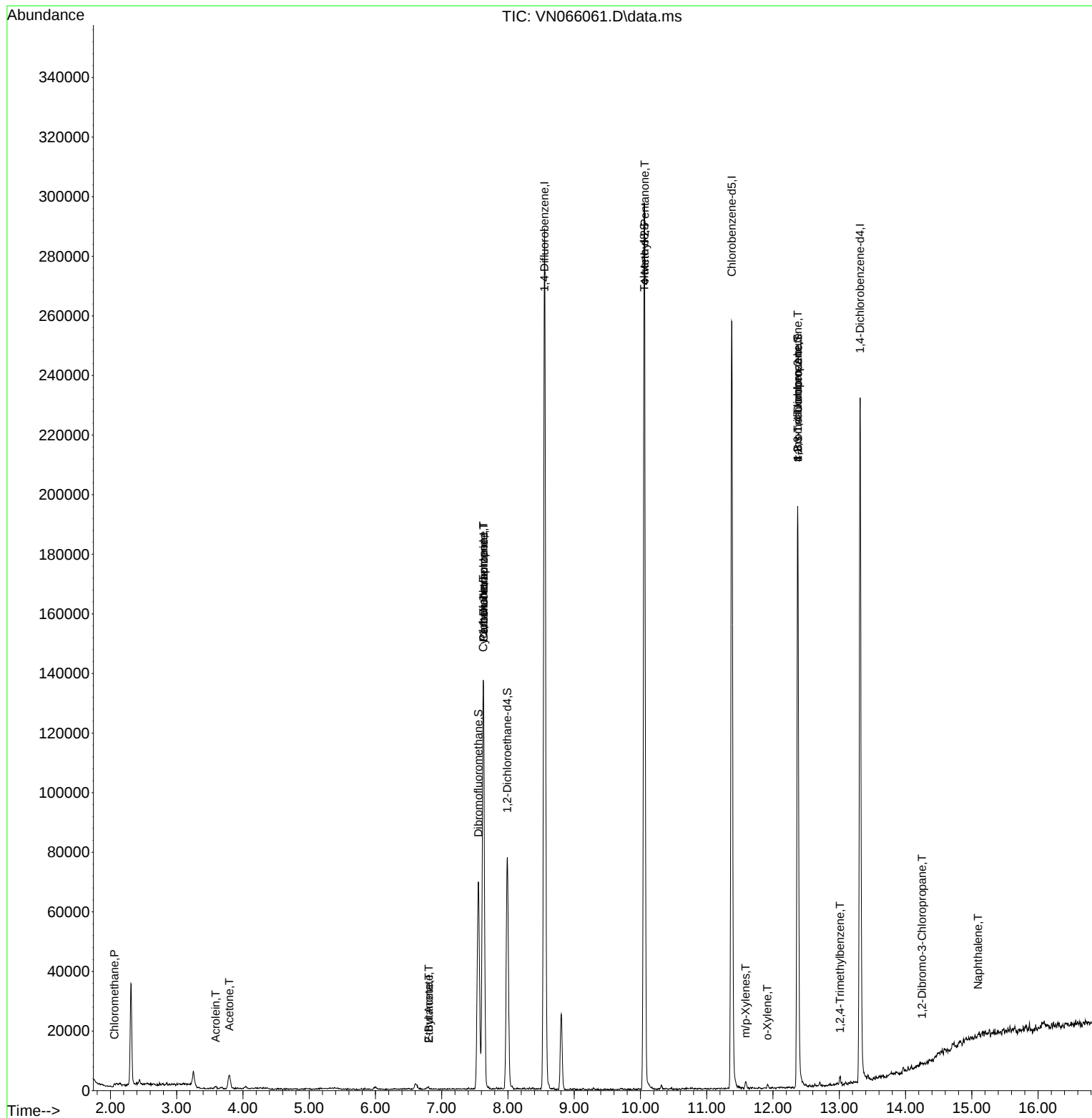
Target Compounds						Qvalue
3) Chloromethane	2.058	50	638	0.36	ug/l #	42
13) Acrolein	3.589	56	824	4.26	ug/l #	67
16) Acetone	3.795	43	8577	16.46	ug/l	91
25) 2-Butanone	6.804	43	432	0.57	ug/l #	46
31) Cyclohexane	7.624	56	2162	0.95	ug/l #	9
36) 1,1-Dichloropropene	7.627	75	8010	4.61	ug/l #	48
37) Ethyl Acetate	6.804	43	432	0.28	ug/l #	68
38) Carbon Tetrachloride	7.630	117	10755	6.67	ug/l #	17
51) 4-Methyl-2-Pentanone	10.064	43	852	0.56	ug/l #	1
68) m/p-Xylenes	11.585	106	821	0.37	ug/l	75
69) o-Xylene	11.916	106	527	0.24	ug/l	85
76) 1,2,3-Trichloropropane	12.373	75	39859	25.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	39859	80.17	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.013	105	2082	0.45	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.251	75	228	1.56	ug/l #	1
95) Naphthalene	15.093	128	280	3.13	ug/l #	69

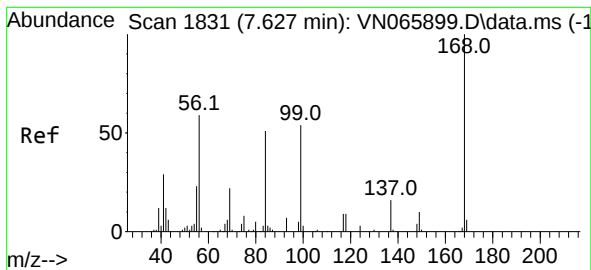
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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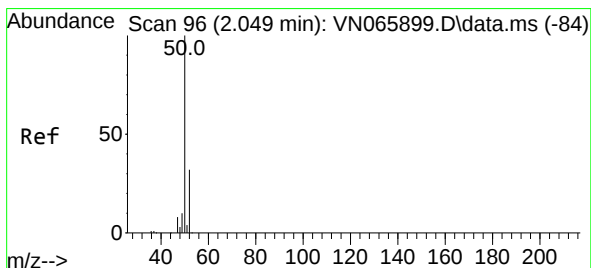
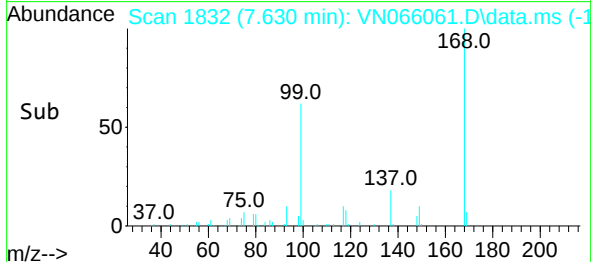
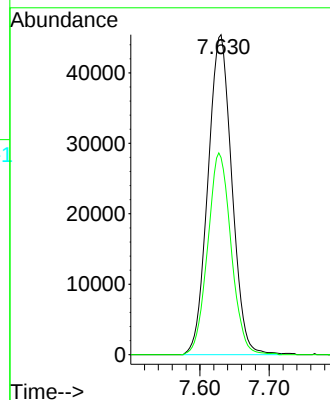
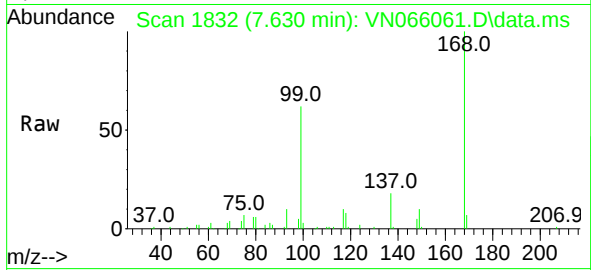


#1

Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Instrument :
MSVOA_N
ClientSampled :
41129

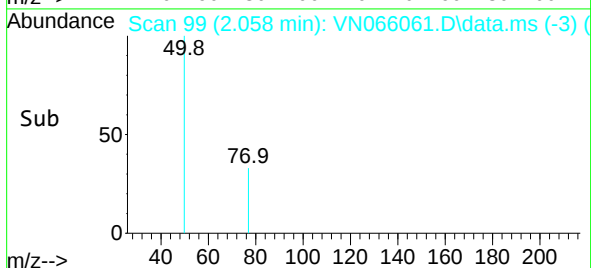
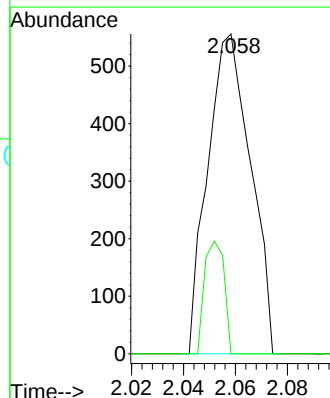
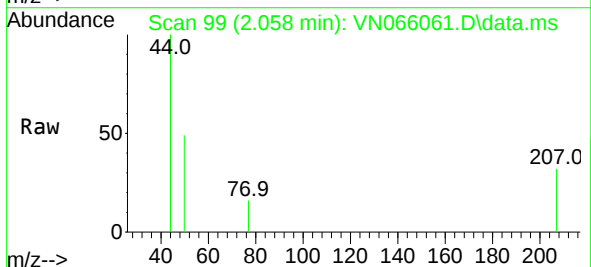
Tgt Ion:168 Resp: 108705
Ion Ratio Lower Upper
168 100
99 61.6 42.6 63.8

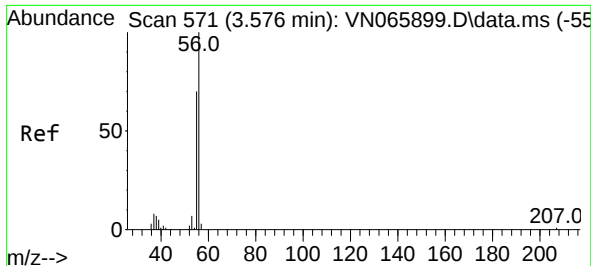


#3

Chloromethane
Concen: 0.36 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

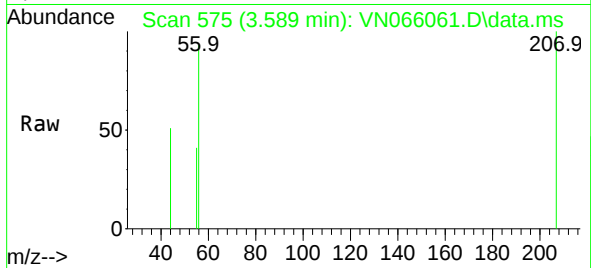
Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#



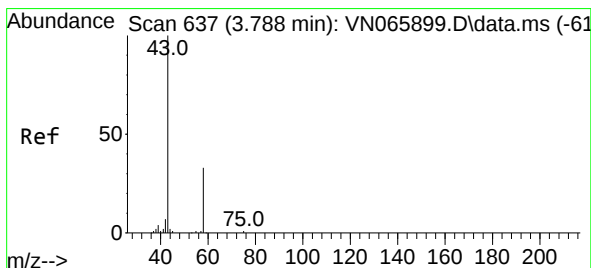
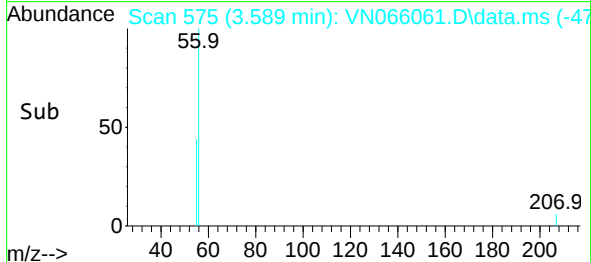
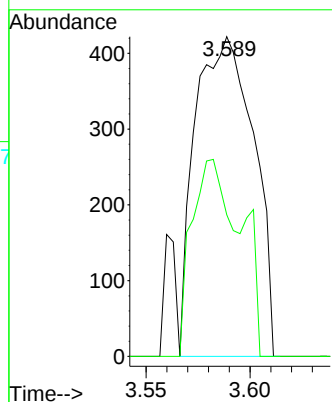


#13
Acrolein
Concen: 4.26 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Instrument :
MSVOA_N
ClientSampled :
41129

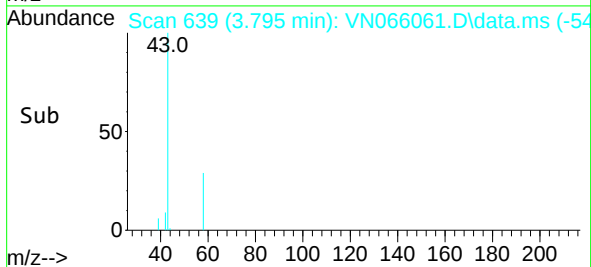
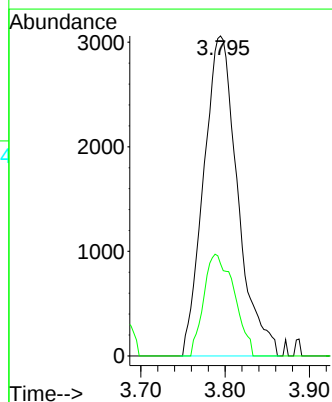
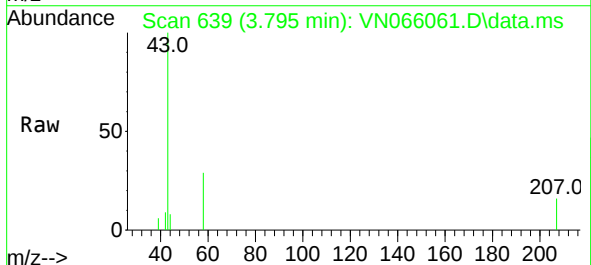


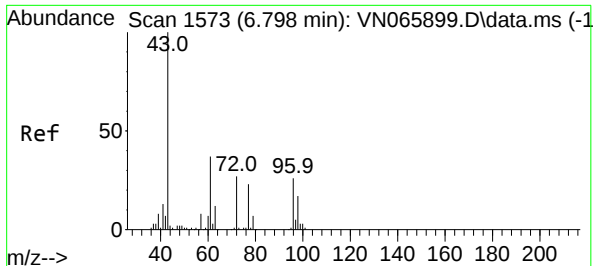
Tgt Ion: 56 Resp: 824
Ion Ratio Lower Upper
56 100
55 42.6 56.0 84.0#



#16
Acetone
Concen: 16.46 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 43 Resp: 8577
Ion Ratio Lower Upper
43 100
58 28.8 27.0 40.6

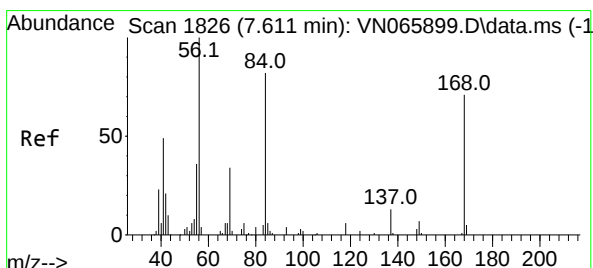
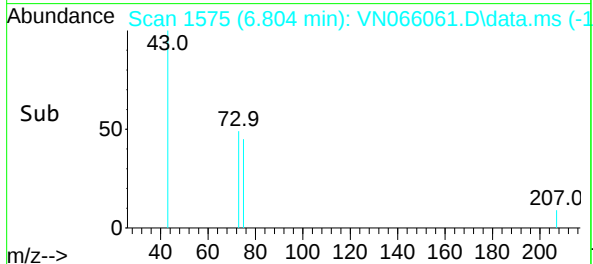
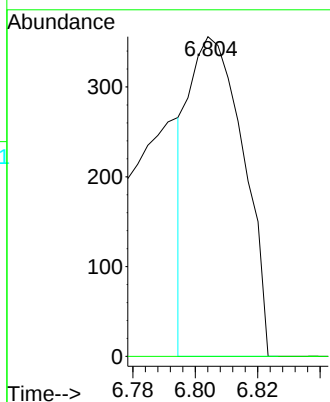
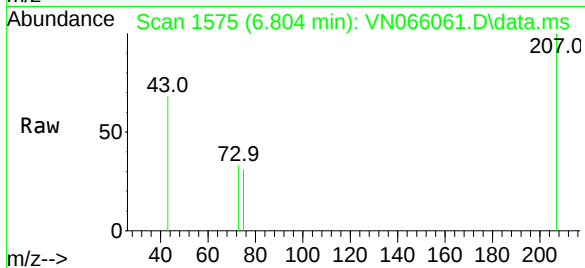




#25
2-Butanone
Concen: 0.57 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

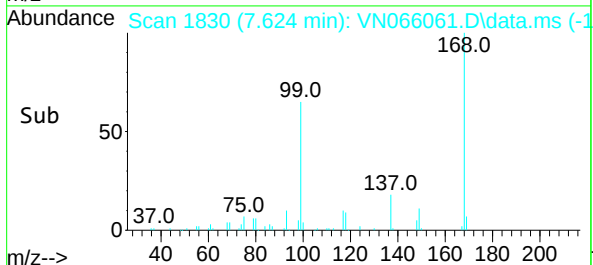
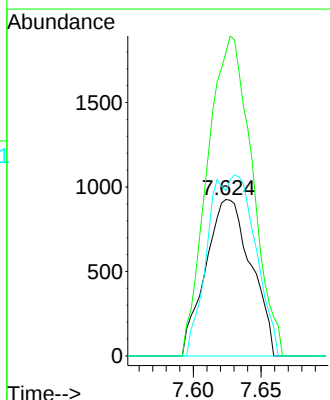
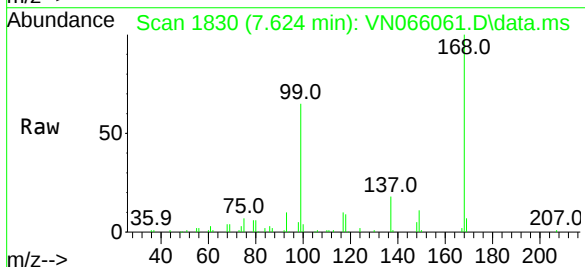
Instrument :
MSVOA_N
ClientSampled :
41129

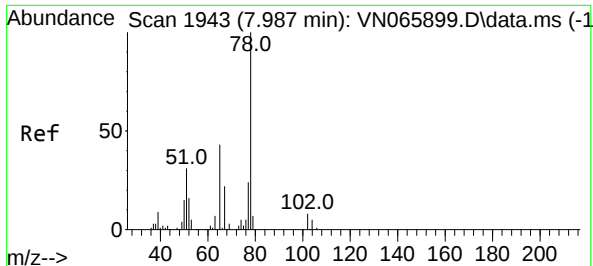
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 193.8 26.6 39.8#
84 105.6 70.4 105.6#

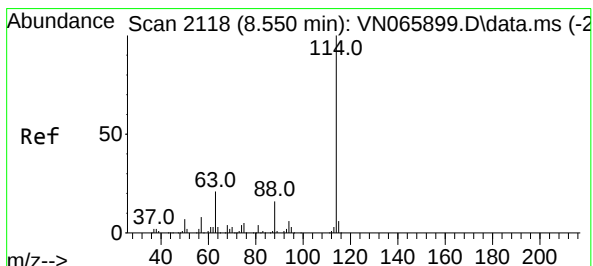
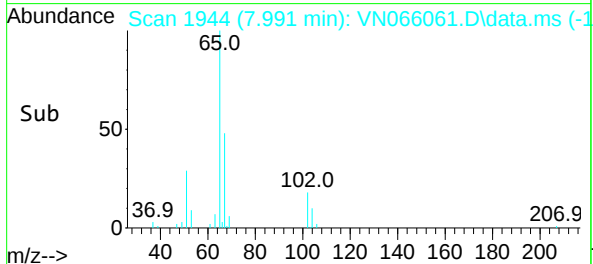
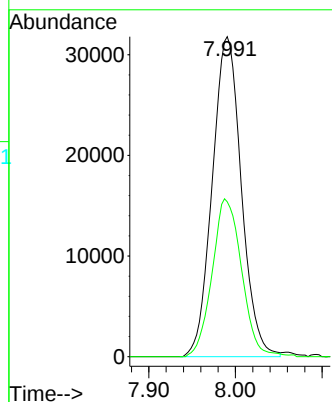
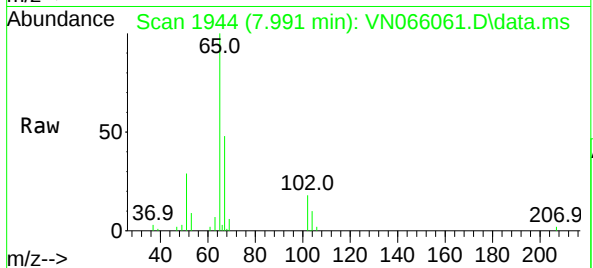




#33
1,2-Dichloroethane-d4
Concen: 48.74 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

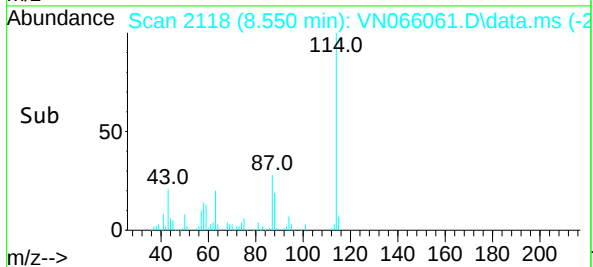
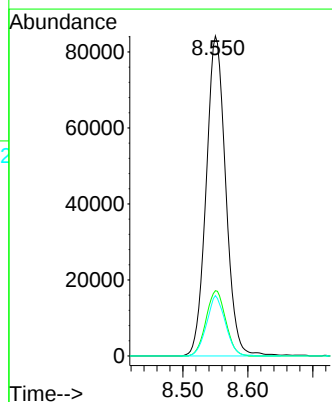
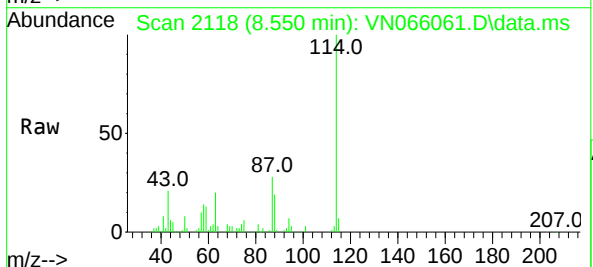
Instrument :
MSVOA_N
ClientSampleId :
41129

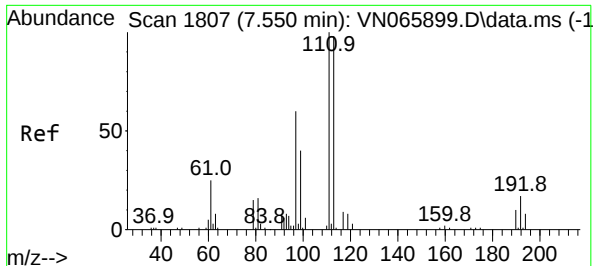
Tgt Ion: 65 Resp: 74094
Ion Ratio Lower Upper
65 100
67 50.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 114 Resp: 176033
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 18.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.22 ug/l

RT: 7.553 min Scan# 1808

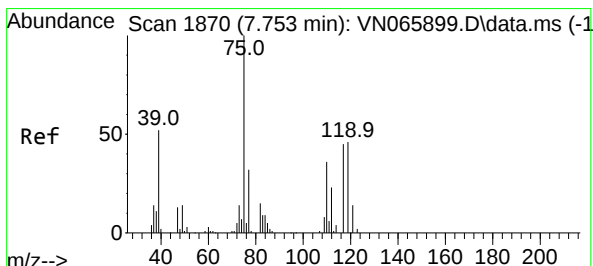
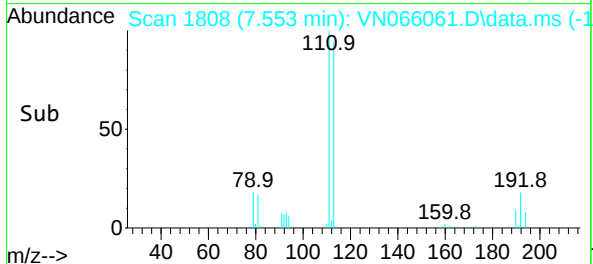
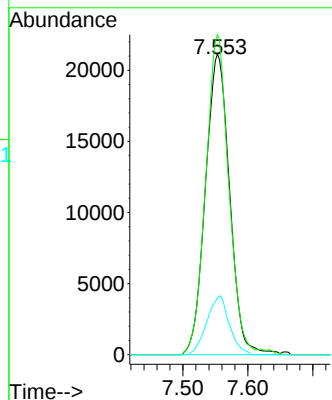
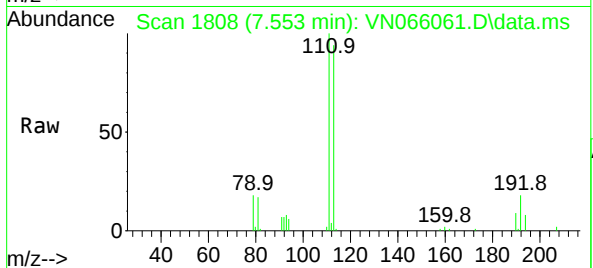
Delta R.T. 0.003 min

Lab File: VN066061.D

Acq: 26 Feb 2021 19:05

Tgt Ion:	113	Resp:	54716
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	18.2	15.4	23.0

Instrument :
MSVOA_N
ClientSampleId :
41129



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

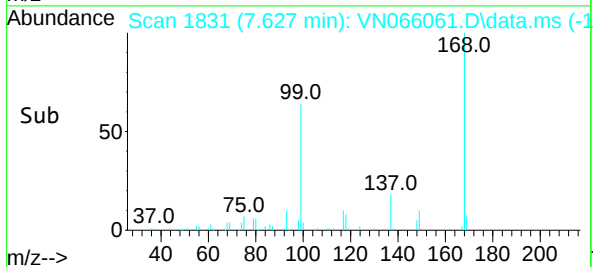
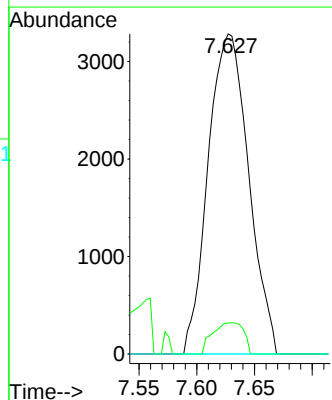
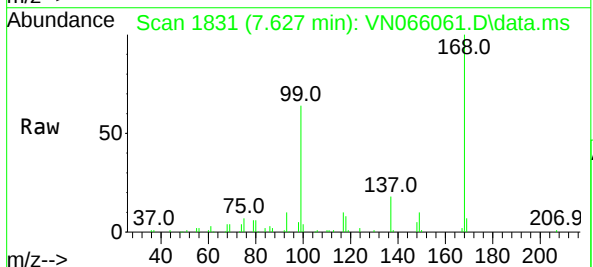
RT: 7.627 min Scan# 1831

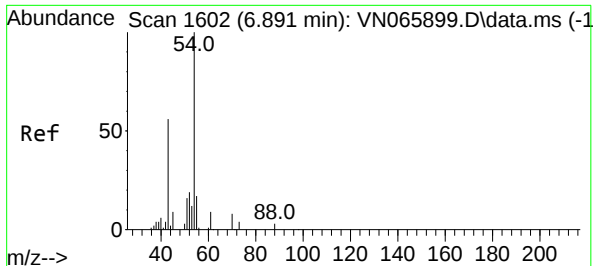
Delta R.T. -0.126 min

Lab File: VN066061.D

Acq: 26 Feb 2021 19:05

Tgt Ion:	75	Resp:	8010
Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.2	54.6#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 0.28 ug/l

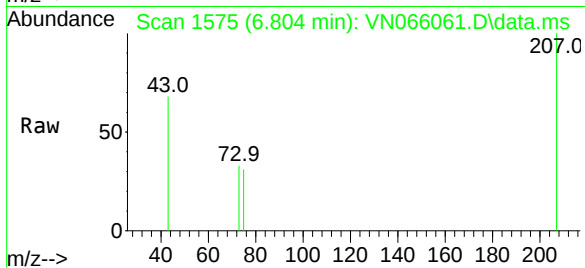
RT: 6.804 min Scan# 1575

Delta R.T. -0.087 min

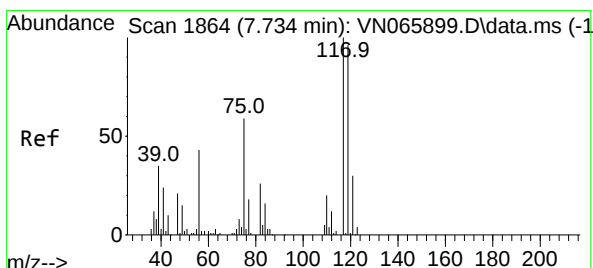
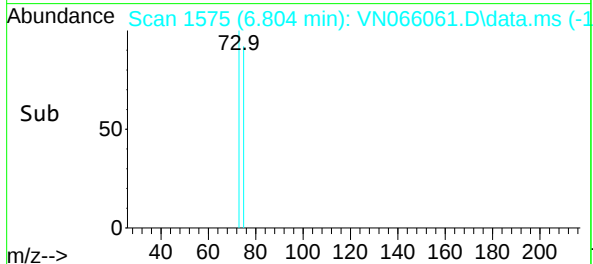
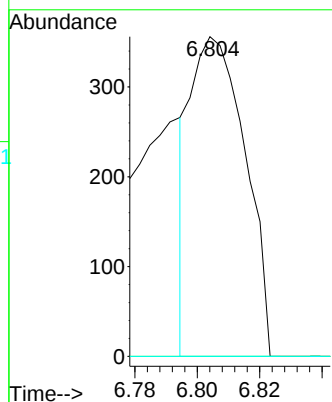
Lab File: VN066061.D

Acq: 26 Feb 2021 19:05

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Tgt Ion:	43	Resp:	432
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.67 ug/l

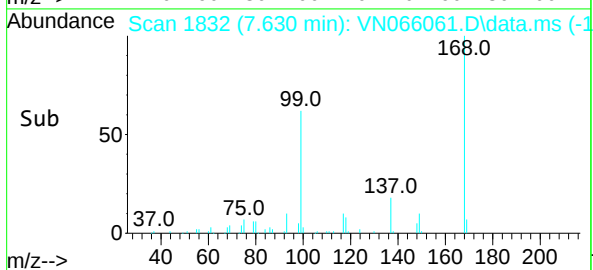
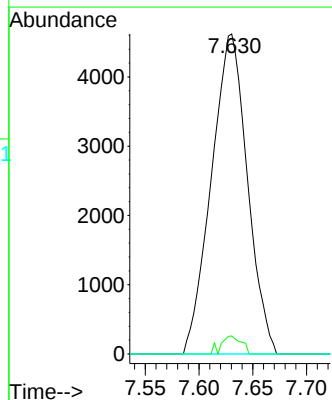
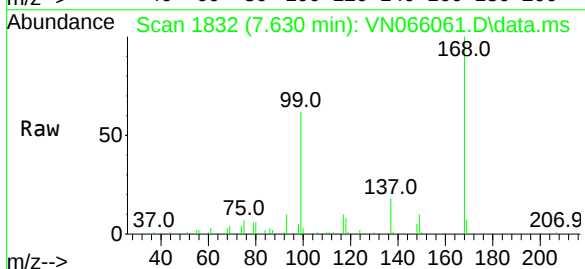
RT: 7.630 min Scan# 1832

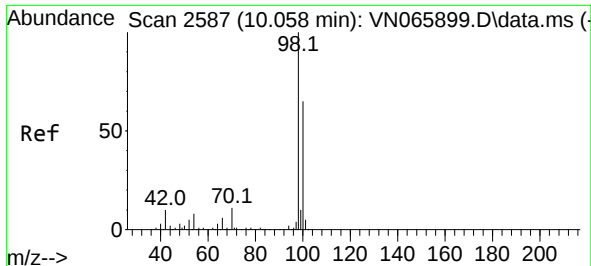
Delta R.T. -0.104 min

Lab File: VN066061.D

Acq: 26 Feb 2021 19:05

Tgt Ion:	117	Resp:	10755
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.0	114.0#
121	0.0	24.5	36.7#

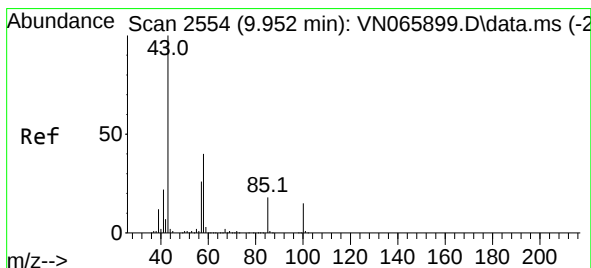
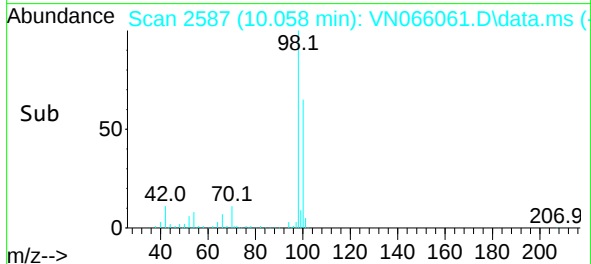
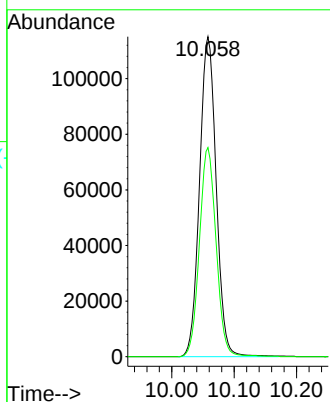
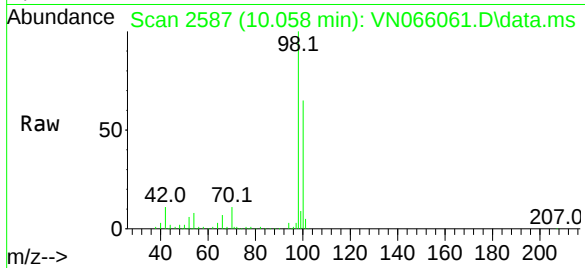




#50
Toluene-d8
Concen: 47.91 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

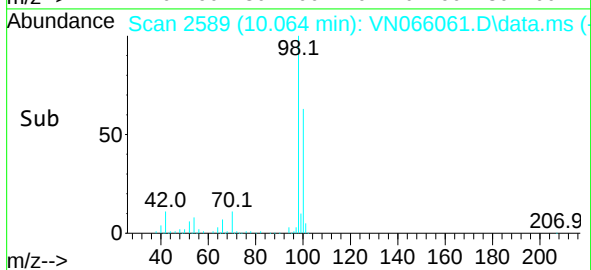
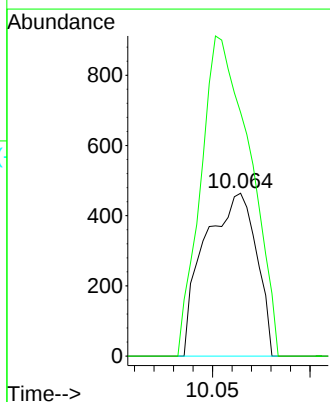
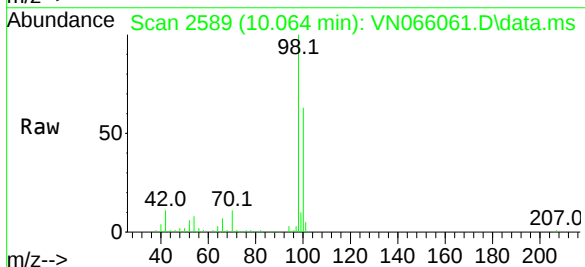
Instrument :
MSVOA_N
ClientSampled :
41129

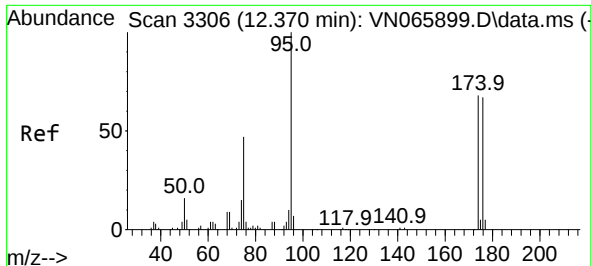
Tgt Ion: 98 Resp: 214238
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. 0.112 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 187.3 32.5 48.7#

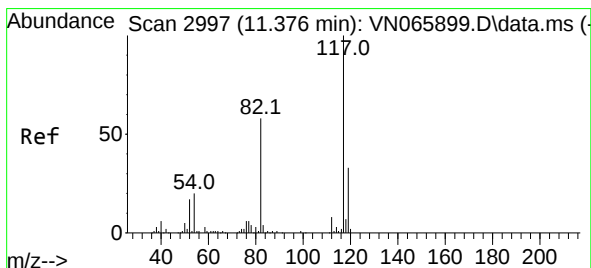
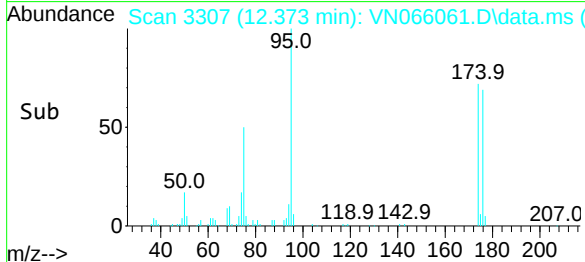
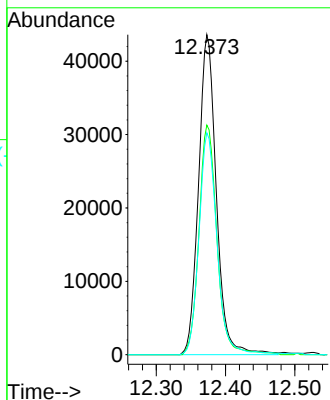
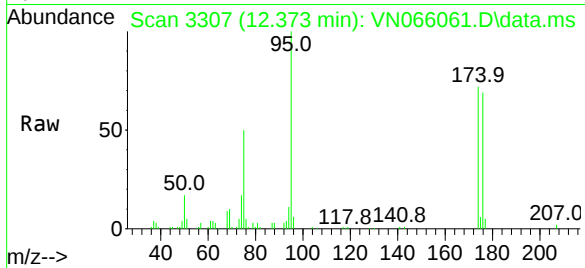




#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

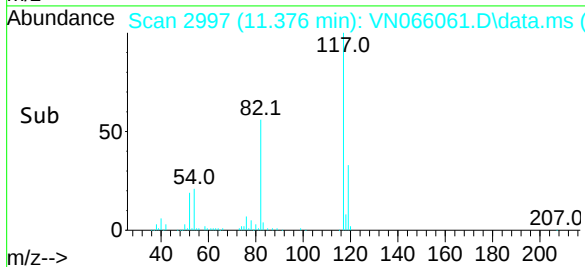
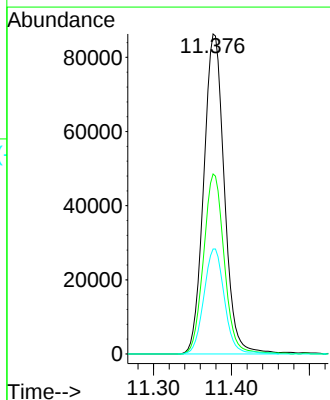
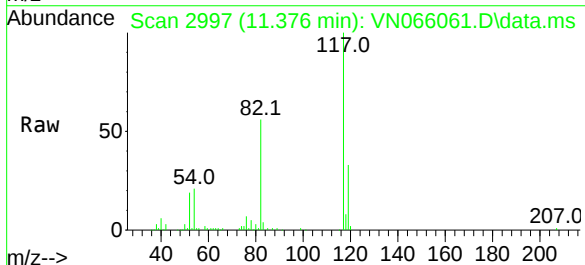
Instrument :
MSVOA_N
ClientSampleId :
41129

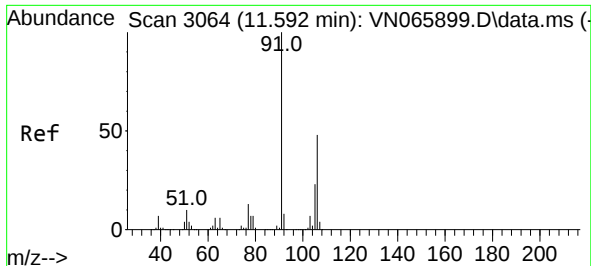
Tgt Ion: 95 Resp: 78016
Ion Ratio Lower Upper
95 100
174 72.4 0.0 169.0
176 69.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 117 Resp: 158701
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 32.8 26.1 39.1

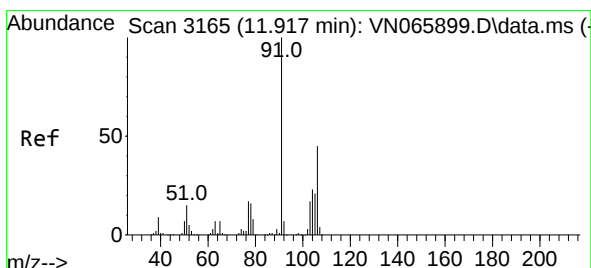
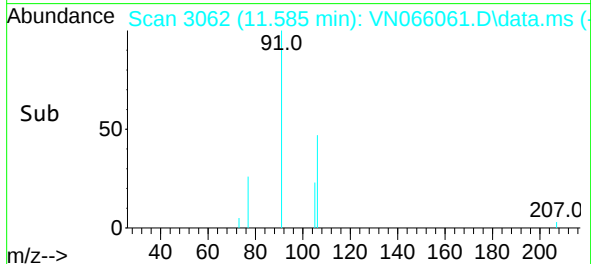
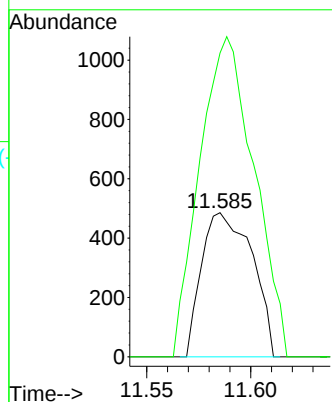
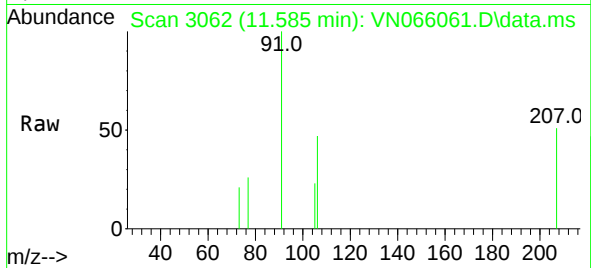




#68
m/p-Xylenes
Concen: 0.37 ug/l
RT: 11.585 min Scan# 3062
Delta R.T. -0.007 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

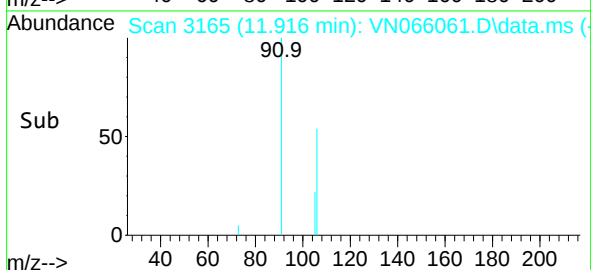
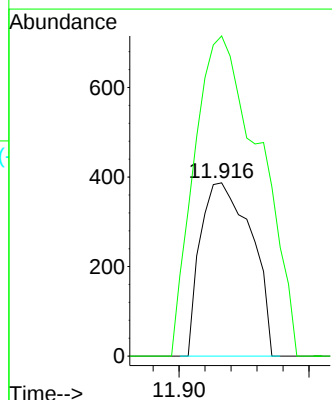
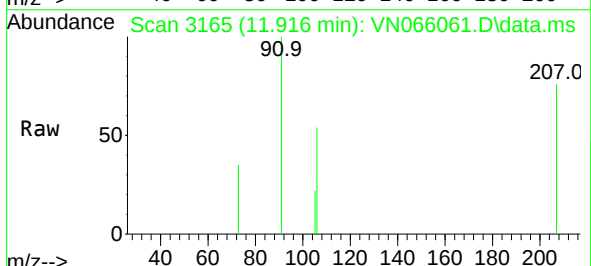
Instrument :
MSVOA_N
ClientSampled :
41129

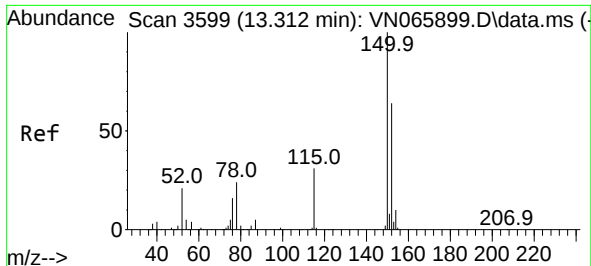
Tgt Ion:106 Resp: 821
Ion Ratio Lower Upper
106 100
91 239.2 161.4 242.0



#69
o-Xylene
Concen: 0.24 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. -0.001 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion:106 Resp: 527
Ion Ratio Lower Upper
106 100
91 238.0 106.8 320.4

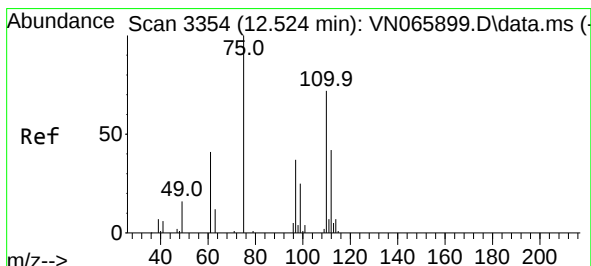
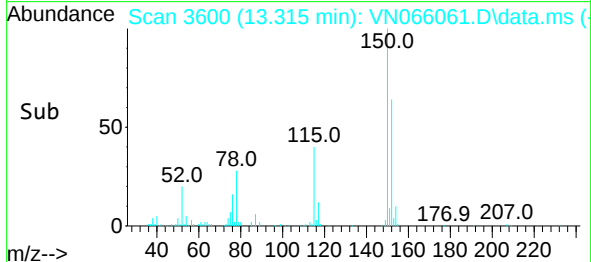
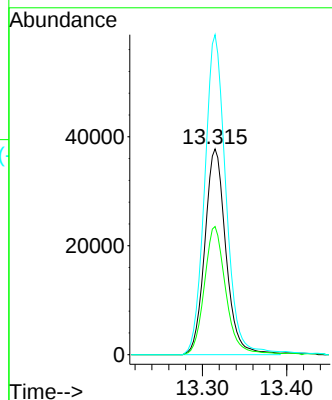
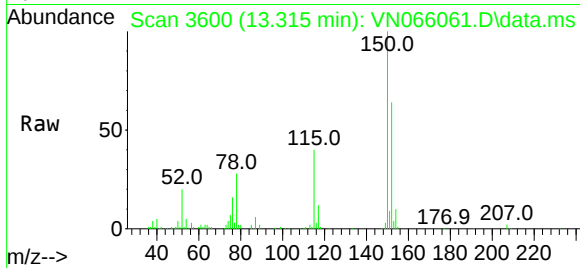




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066061.D
 Acq: 26 Feb 2021 19:05

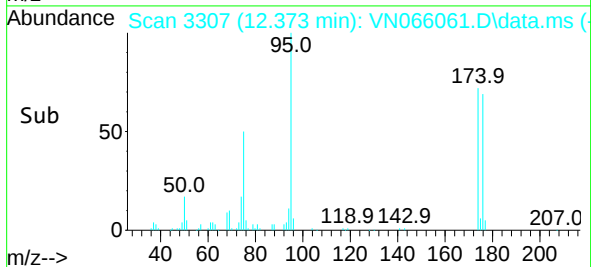
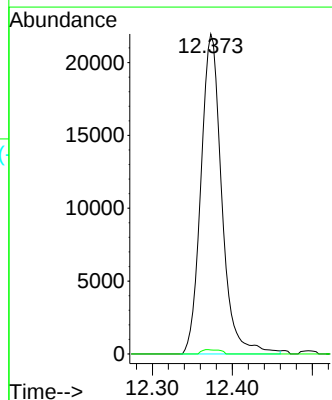
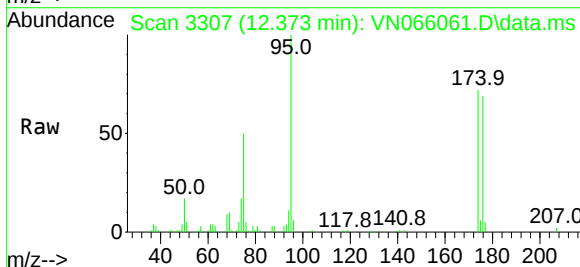
Instrument :
 MSVOA_N
 ClientSampleId :
 41129

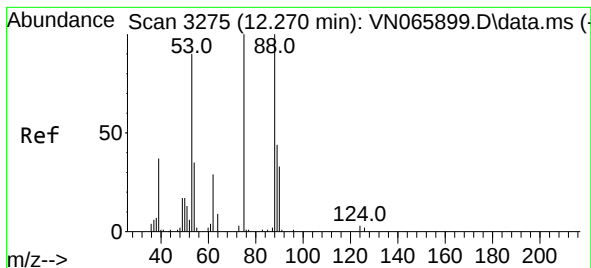
Tgt Ion:152 Resp: 65956
 Ion Ratio Lower Upper
 152 100
 115 63.3 28.5 85.6
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 25.16 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066061.D
 Acq: 26 Feb 2021 19:05

Tgt Ion: 75 Resp: 39859
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

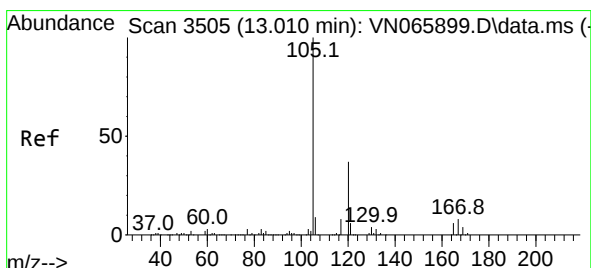
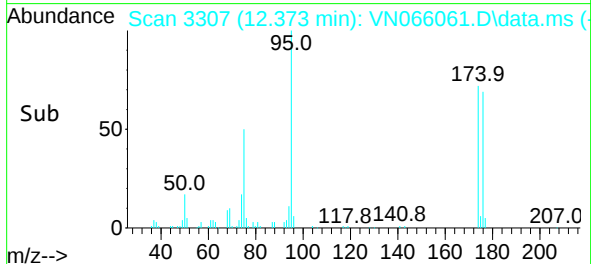
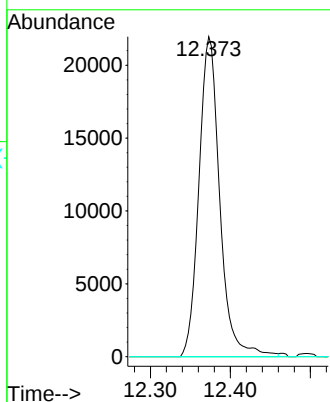
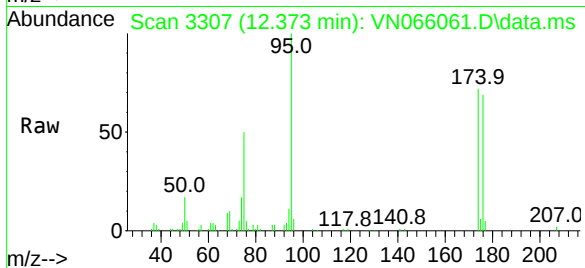




#81
trans-1,4-Dichloro-2-butene
Concen: 80.17 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

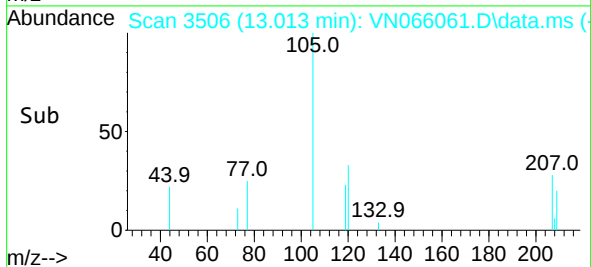
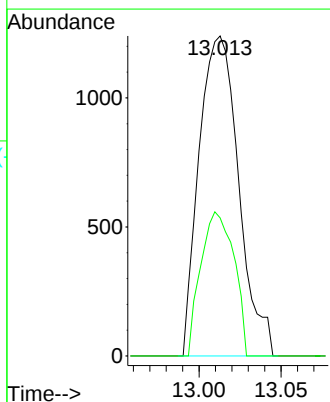
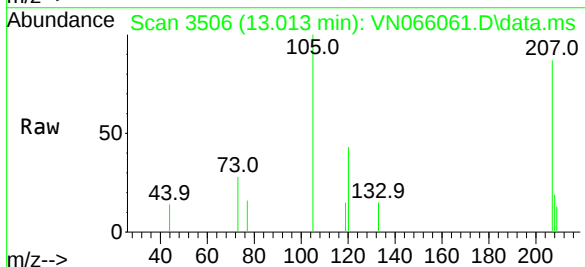
Instrument :
MSVOA_N
ClientSampled :
41129

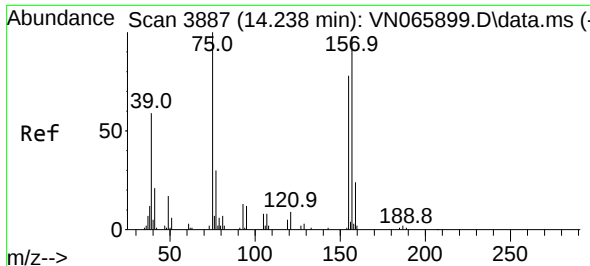
Tgt Ion: 75 Resp: 39859
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.45 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 105 Resp: 2082
Ion Ratio Lower Upper
105 100
120 37.7 22.4 67.0

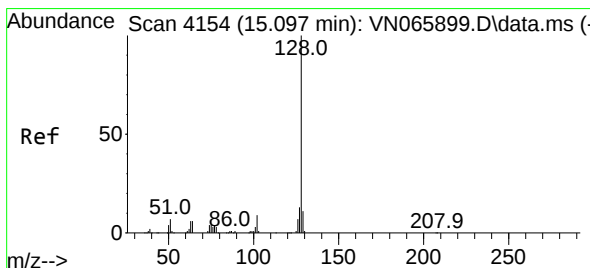
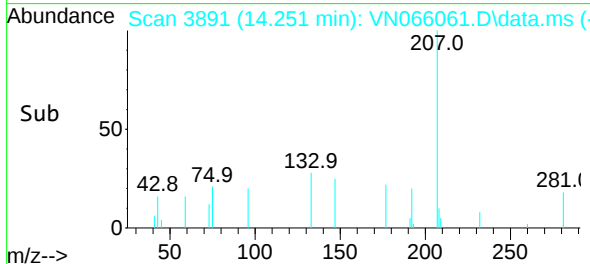
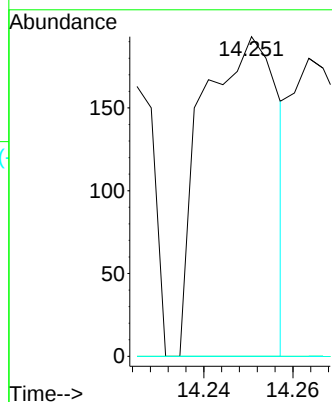
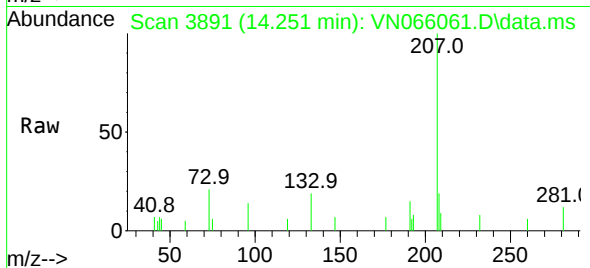




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.56 ug/l
RT: 14.251 min Scan# 3891
Delta R.T. 0.013 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Instrument :
MSVOA_N
ClientSampled :
41129

Tgt Ion: 75 Resp: 228
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.13 ug/l
RT: 15.093 min Scan# 4153
Delta R.T. -0.004 min
Lab File: VN066061.D
Acq: 26 Feb 2021 19:05

Tgt Ion: 128 Resp: 280
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

