

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066128.D
 Acq On : 3 Mar 2021 17:02
 Operator : JC/MD
 Sample : M1488-05 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41698DL

Quant Time: Mar 04 02:17:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	64984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	120404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	123155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	48547	50.00	ug/l	0.00

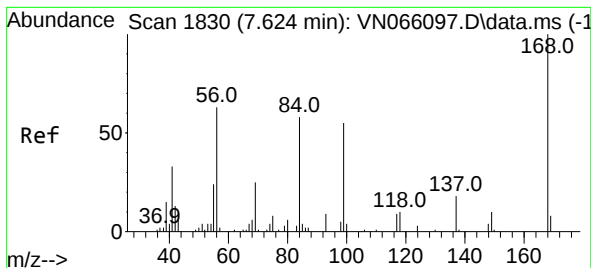
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	48429	48.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.94%
35) Dibromofluoromethane	7.547	113	37484	49.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.32%
50) Toluene-d8	10.055	98	148086	49.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.72%
62) 4-Bromofluorobenzene	12.373	95	61633	53.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.78%

Target Compounds						Qvalue
3) Chloromethane	2.052	50	342	0.51	ug/l #	42
11) Tert butyl alcohol	4.743	59	409	3.00	ug/l #	73
13) Acrolein	3.579	56	397	7.16	ug/l #	79
16) Acetone	3.785	43	37394	126.51	ug/l	95
18) Methyl Acetate	4.007	43	264	0.42	ug/l #	51
20) Methylene Chloride	4.512	84	3416	4.39	ug/l	91
25) 2-Butanone	6.782	43	625	1.59	ug/l #	46
31) Cyclohexane	7.618	56	1180	1.00	ug/l #	6
36) 1,1-Dichloropropene	7.621	75	5015	4.43	ug/l #	46
37) Ethyl Acetate	6.782	43	625	0.71	ug/l #	68
38) Carbon Tetrachloride	7.621	117	6664	5.12	ug/l #	12
51) 4-Methyl-2-Pentanone	10.052	43	531	0.59	ug/l #	1
52) Toluene	10.119	92	702	0.33	ug/l	89
76) 1,2,3-Trichloropropane	12.370	75	32371	30.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	32371	88.86	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.260	75	30	Below Cal	#	1
95) Naphthalene	15.100	128	1755	0.65	ug/l #	69

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

Quant Time: Mar 04 02:17:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 02 14:05:08 2021
Response via : Initial Calibration

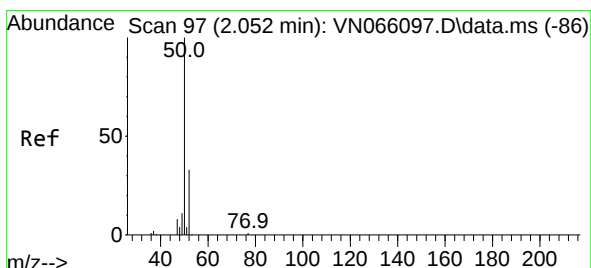
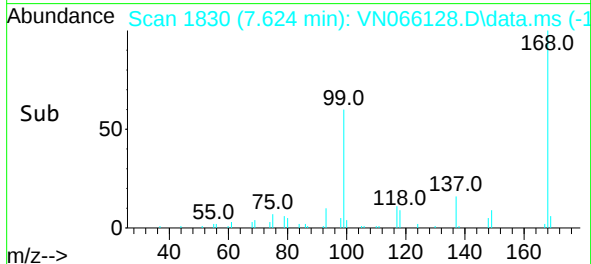
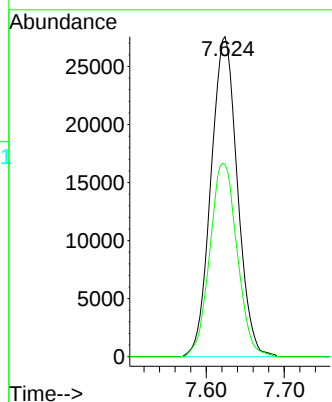
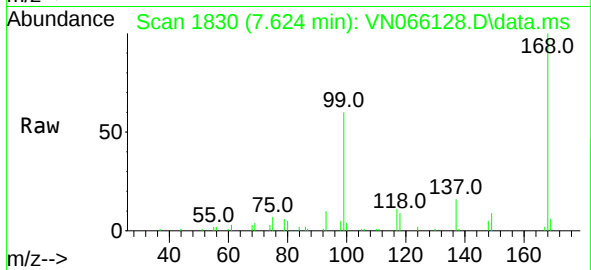




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

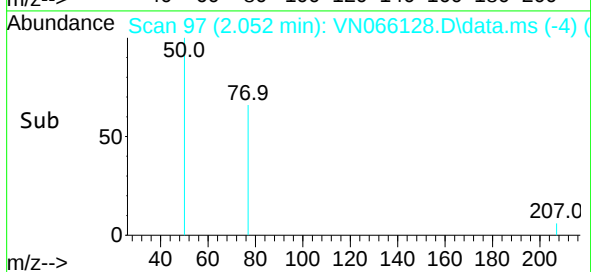
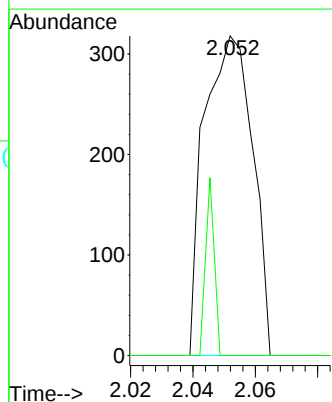
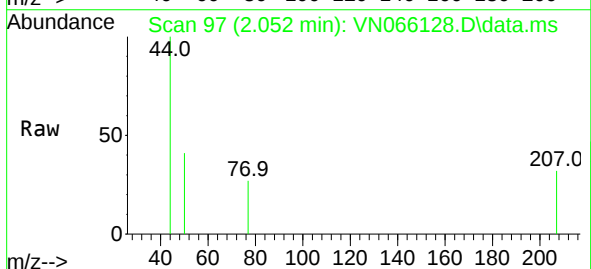
Instrument :
MSVOA_N
ClientSampled :
41698DL

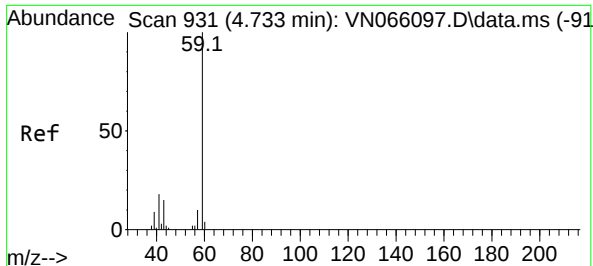
Tgt Ion:168 Resp: 64984
Ion Ratio Lower Upper
168 100
99 60.0 42.6 63.8



#3
Chloromethane
Concen: 0.51 ug/l
RT: 2.052 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

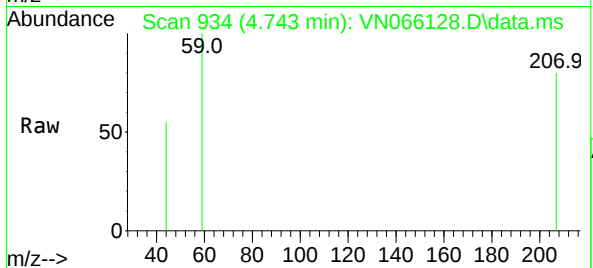
Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#



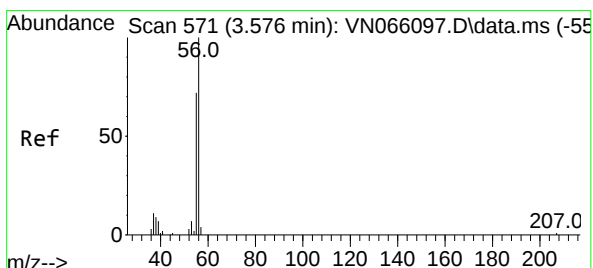
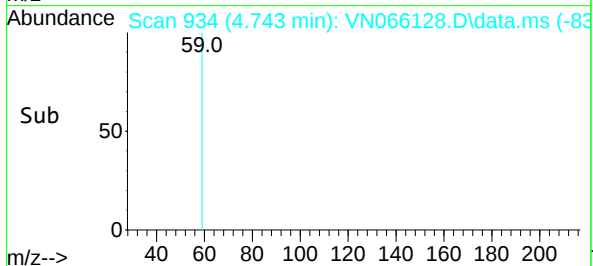
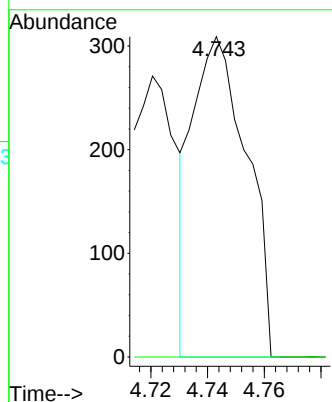


#11
Tert butyl alcohol
Concen: 3.00 ug/l
RT: 4.743 min Scan# 934
Delta R.T. 0.010 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

Instrument :
MSVOA_N
ClientSampled :
41698DL

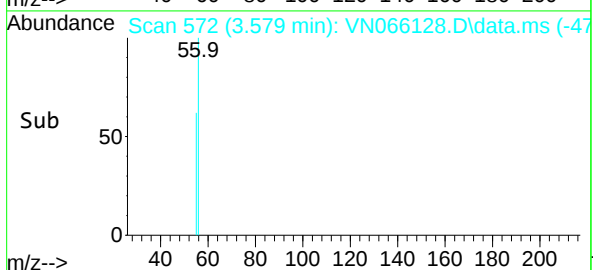
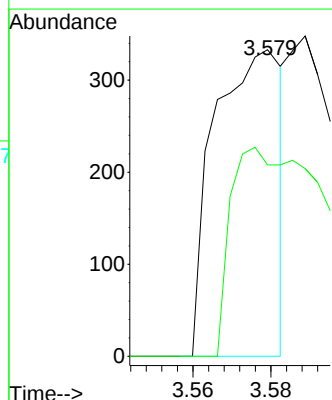
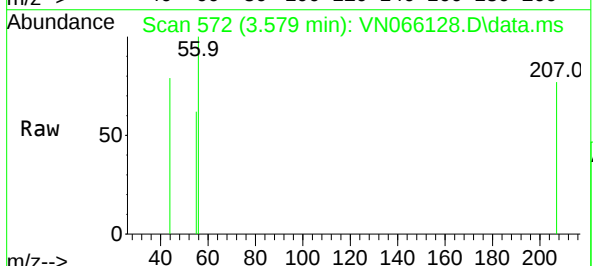


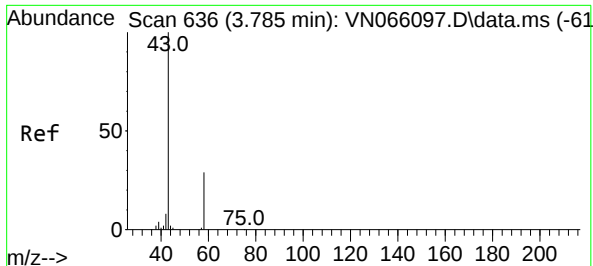
Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 7.16 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.003 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

Tgt Ion: 56 Resp: 397
Ion Ratio Lower Upper
56 100
55 87.4 56.0 84.0#

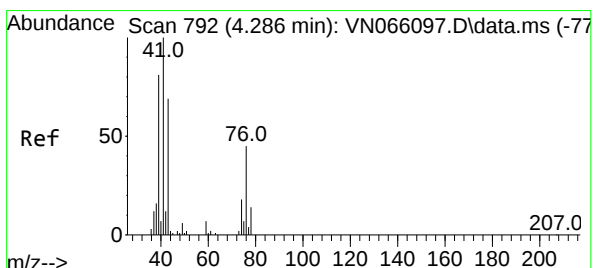
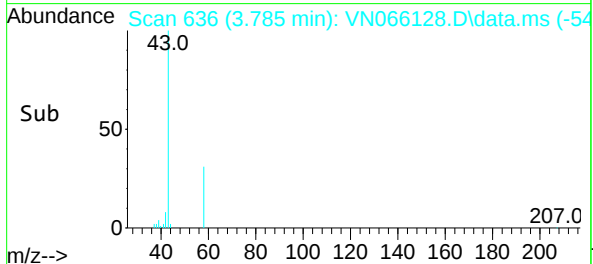
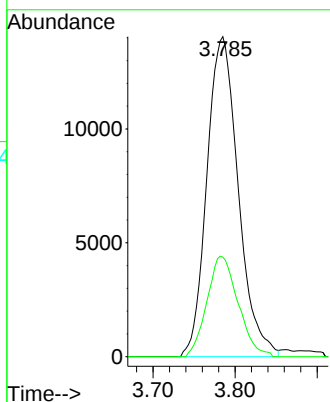
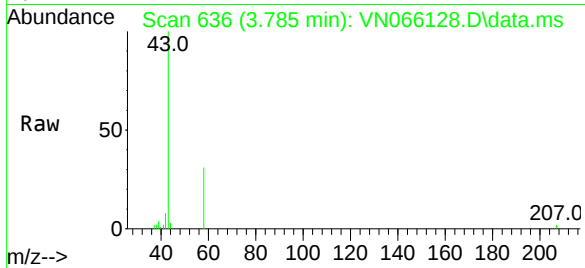




#16
Acetone
Concen: 126.51 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

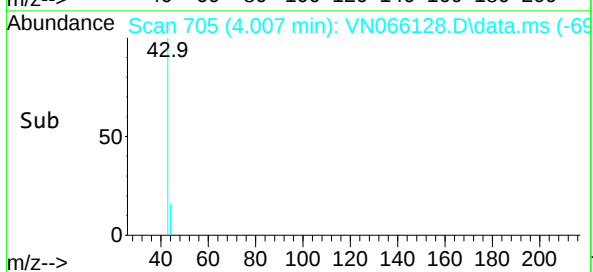
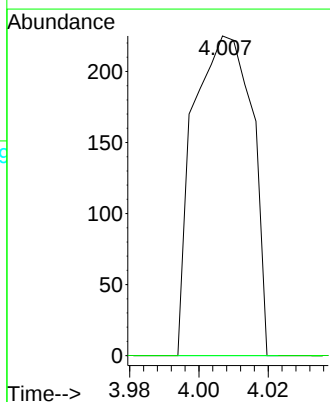
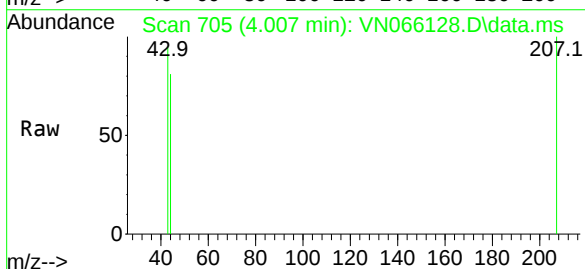
Instrument :
MSVOA_N
ClientSampled :
41698DL

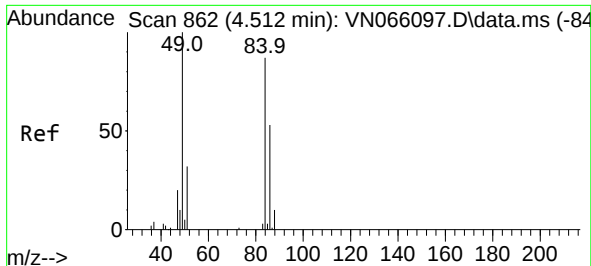
Tgt Ion: 43 Resp: 37394
Ion Ratio Lower Upper
43 100
58 31.1 27.0 40.6



#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 4.007 min Scan# 705
Delta R.T. -0.279 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

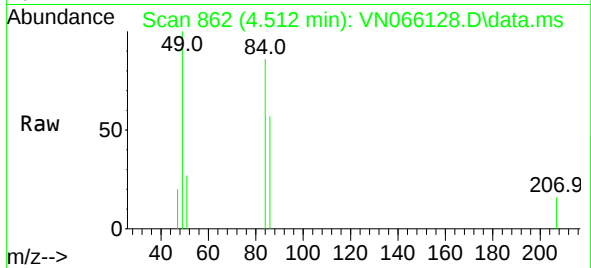
Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



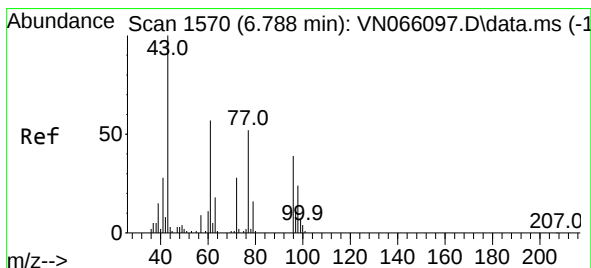
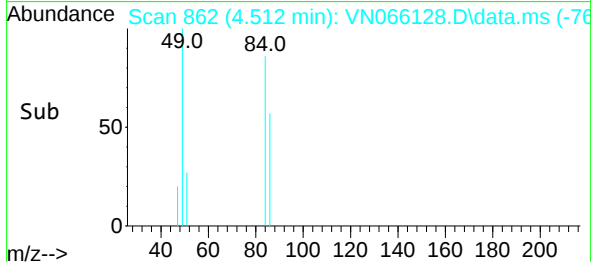
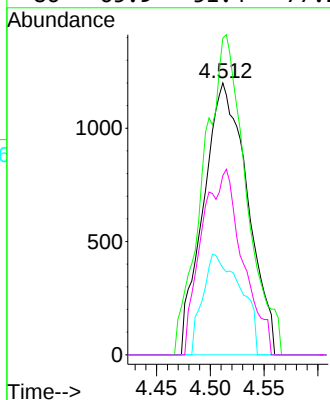


#20
Methylene Chloride
Concen: 4.39 ug/l
RT: 4.512 min Scan# 862
Delta R.T. -0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

Instrument :
MSVOA_N
ClientSampled :
41698DL

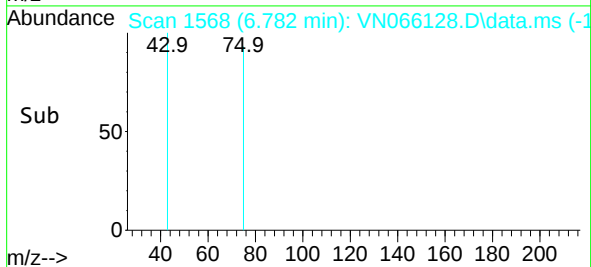
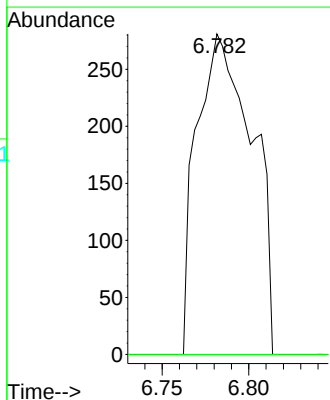
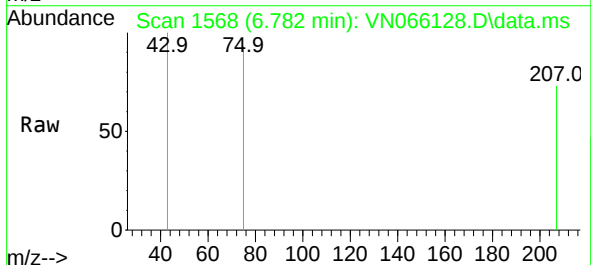


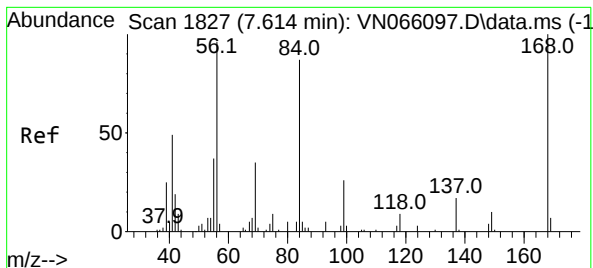
Tgt Ion:	84	Resp:	3416
Ion	Ratio	Lower	Upper
84	100		
49	103.5	94.6	141.8
51	31.9	29.9	44.9
86	65.9	51.4	77.2



#25
2-Butanone
Concen: 1.59 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

Tgt Ion:	43	Resp:	625
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#

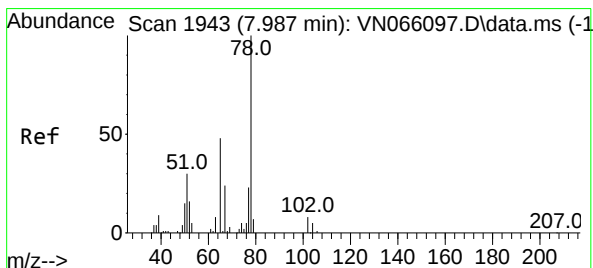
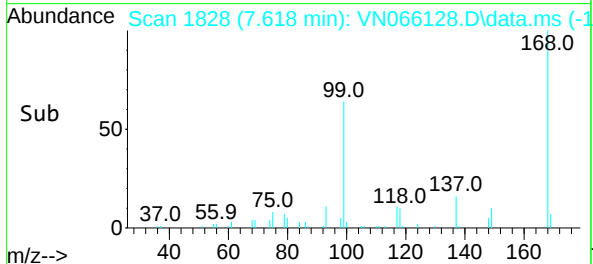
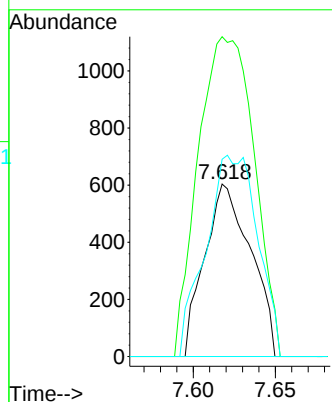
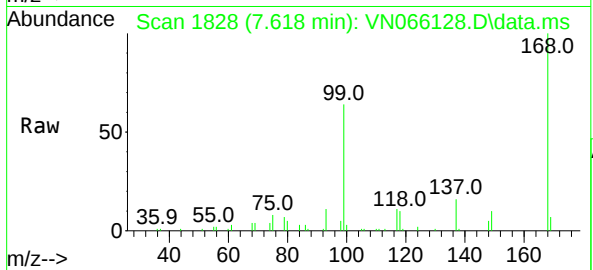




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.004 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

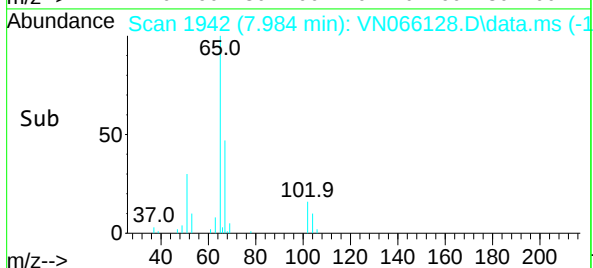
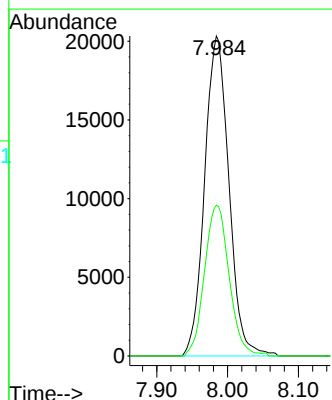
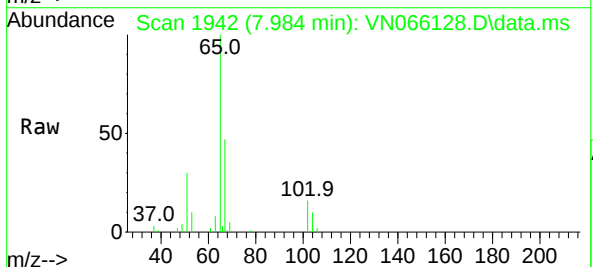
Instrument :
MSVOA_N
ClientSampleId :
41698DL

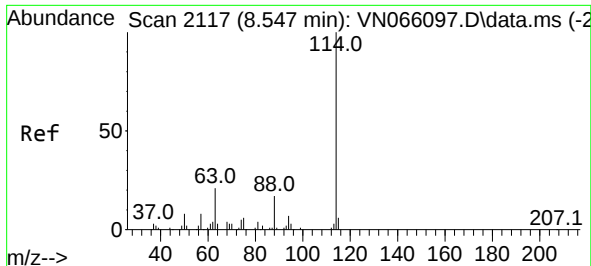
Tgt Ion: 56 Resp: 1180
Ion Ratio Lower Upper
56 100
69 185.4 26.6 39.8#
84 114.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.97 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

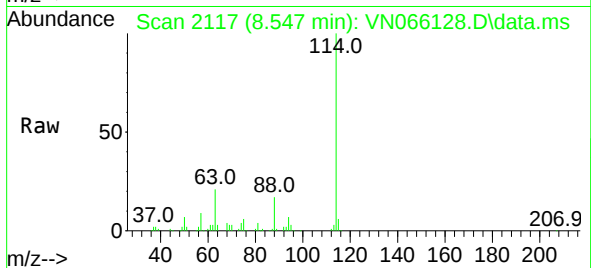
Tgt Ion: 65 Resp: 48429
Ion Ratio Lower Upper
65 100
67 47.8 0.0 107.2



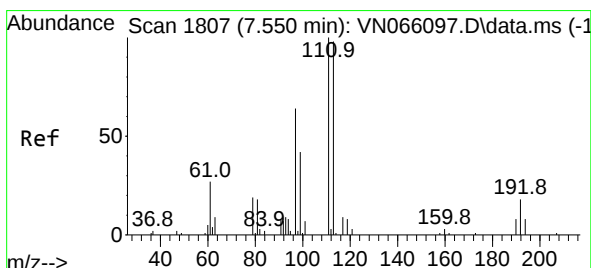
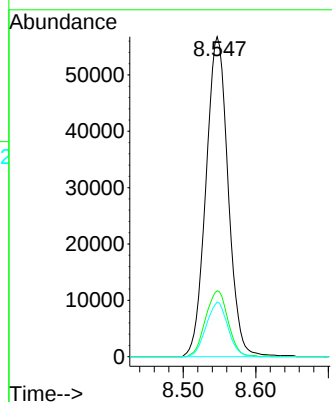
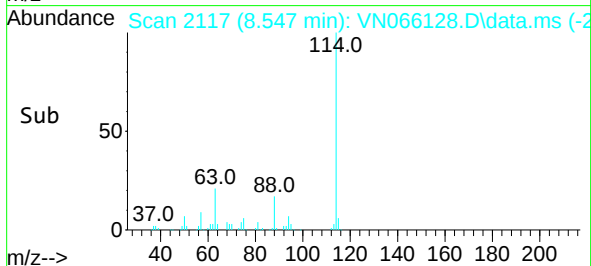


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

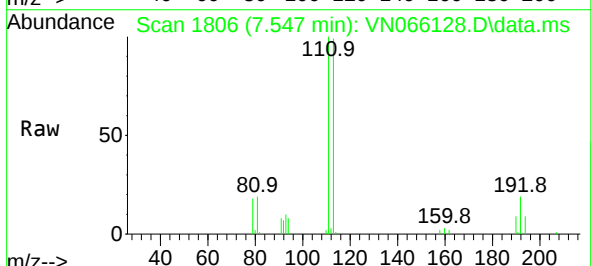
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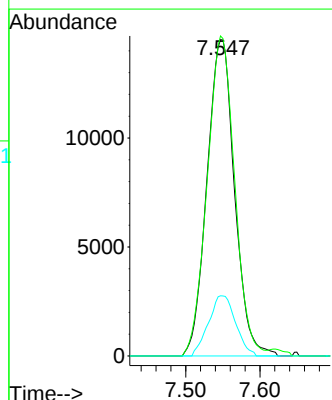
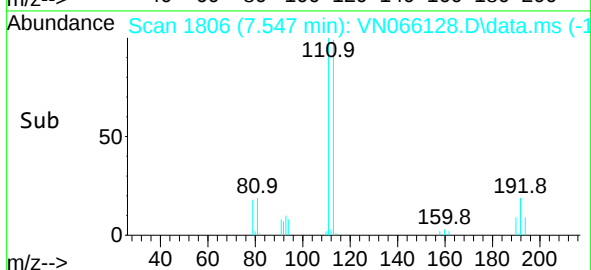
Tgt Ion:114 Resp: 120404
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 17.1 0.0 30.6

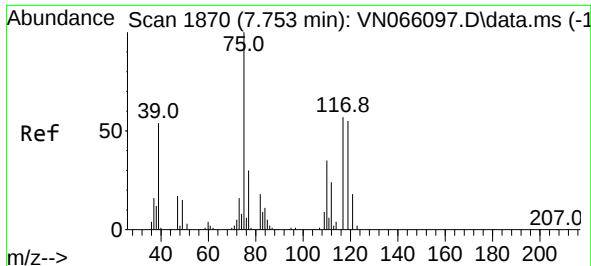


#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02



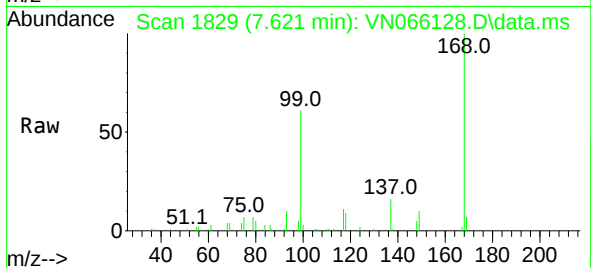
Tgt Ion:113 Resp: 37484
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.2
192 18.7 15.4 23.0



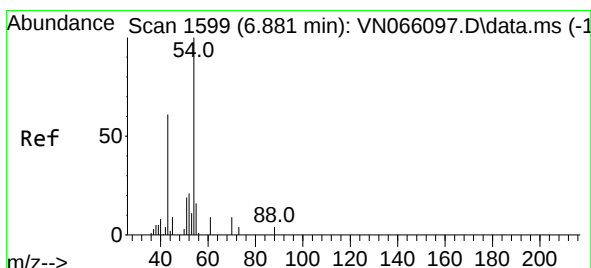
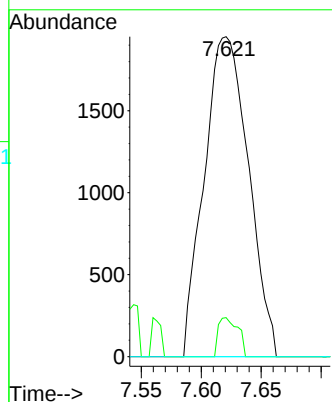
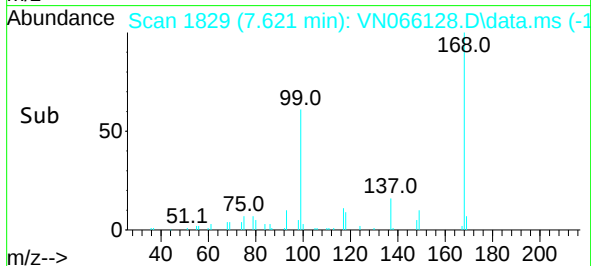


#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

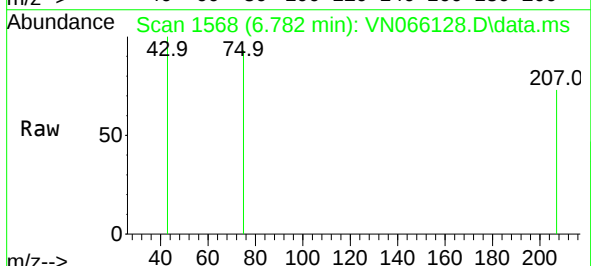
Instrument :
MSVOA_N
ClientSampled :
41698DL



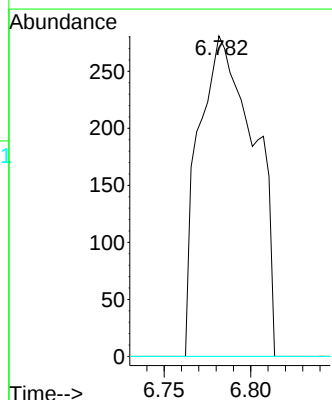
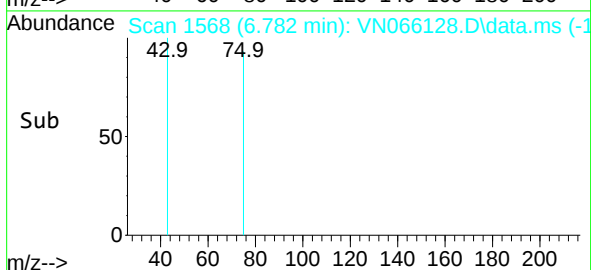
Tgt Ion: 75 Resp: 5015
Ion Ratio Lower Upper
75 100
110 5.4 18.2 54.6#
77 0.0 24.9 37.3#

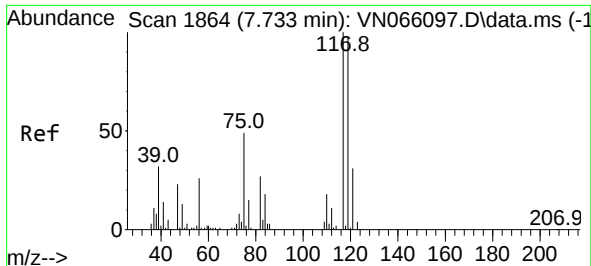


#37
Ethyl Acetate
Concen: 0.71 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.099 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02



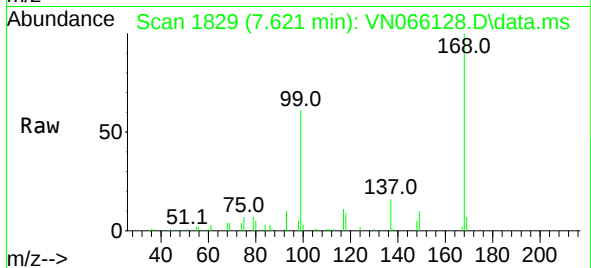
Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



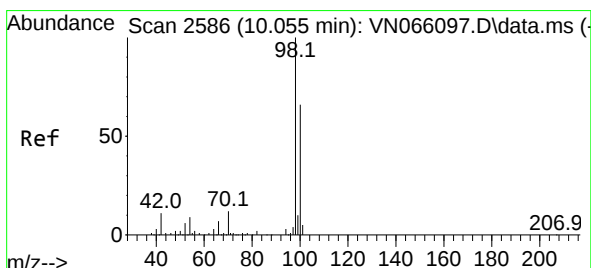
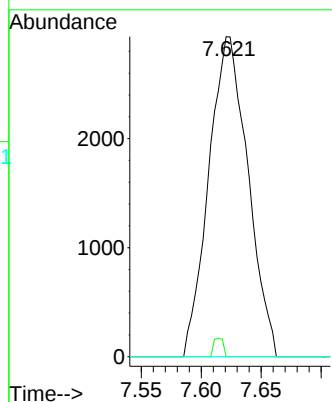
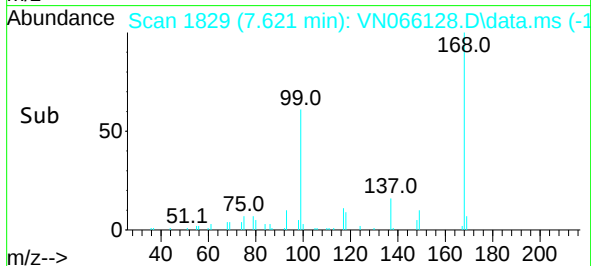


#38
Carbon Tetrachloride
Concen: 5.12 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.112 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

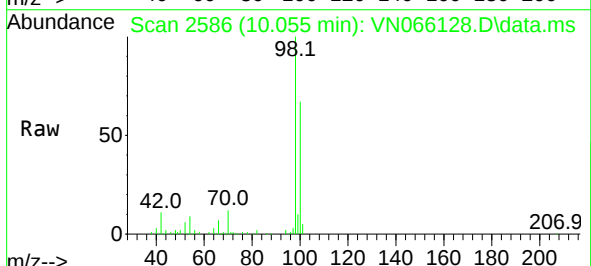
Instrument :
MSVOA_N
ClientSampleId :
41698DL



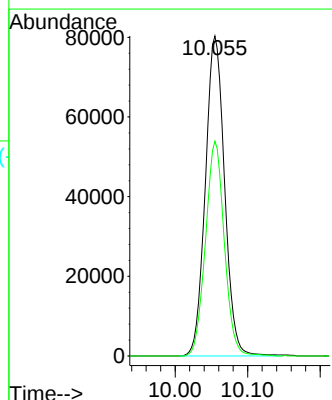
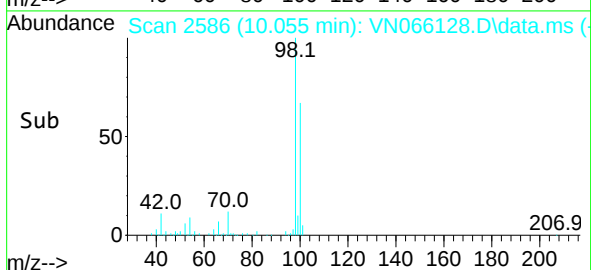
Tgt Ion:117 Resp: 6664
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.5 36.7#

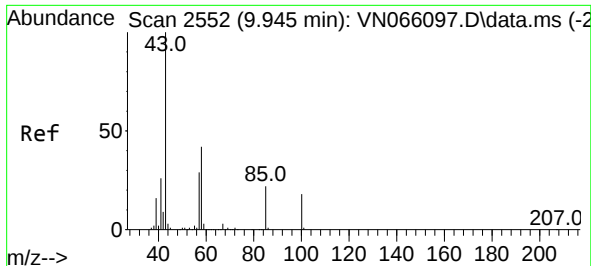


#50
Toluene-d8
Concen: 49.86 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02



Tgt Ion: 98 Resp: 148086
Ion Ratio Lower Upper
98 100
100 65.7 50.5 75.7

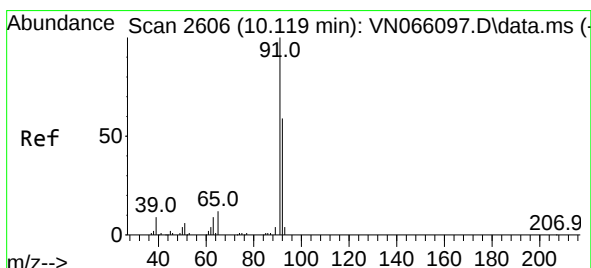
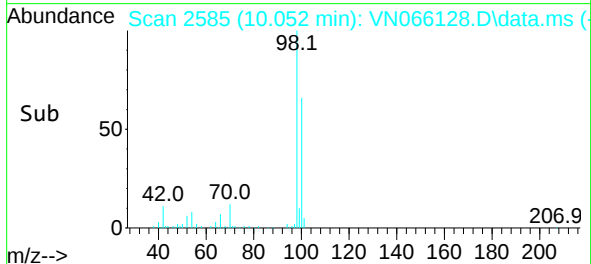
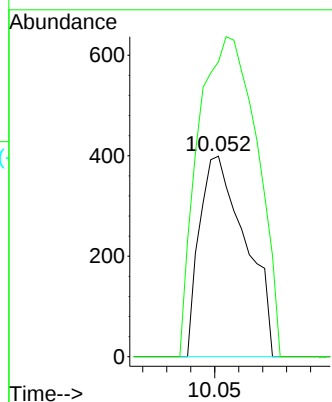
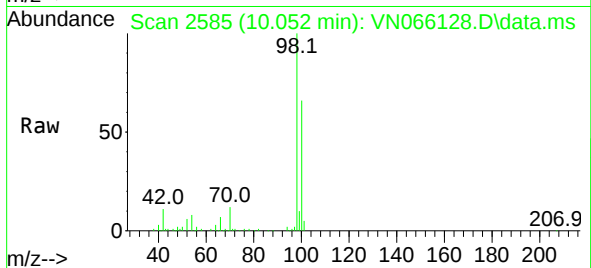




#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.107 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

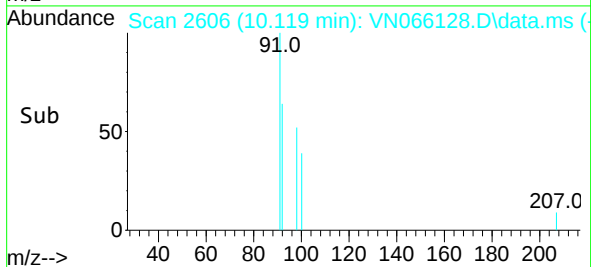
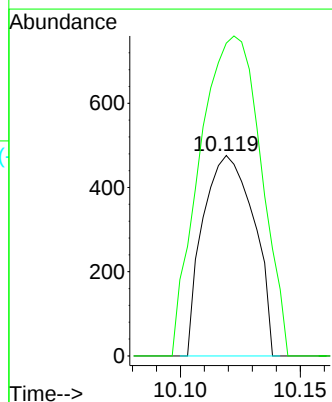
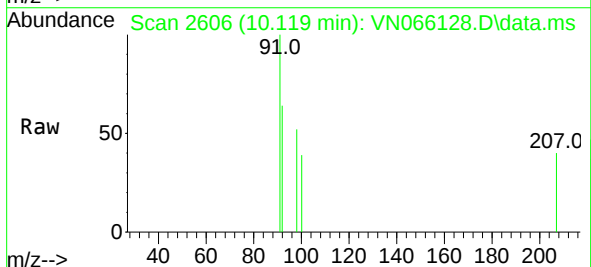
Instrument :
MSVOA_N
ClientSampleId :
41698DL

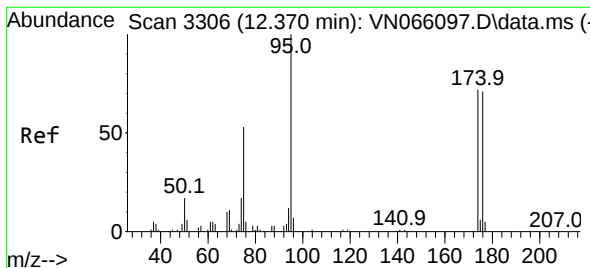
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 204.1 32.5 48.7#



#52
Toluene
Concen: 0.33 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

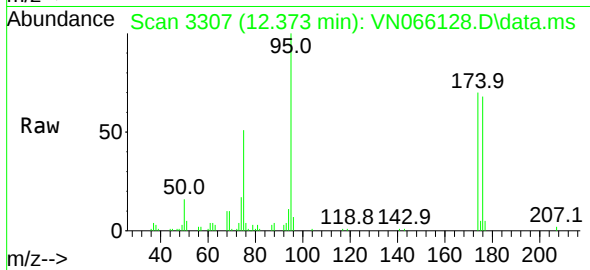
Tgt Ion: 92 Resp: 702
Ion Ratio Lower Upper
92 100
91 191.9 140.7 211.1



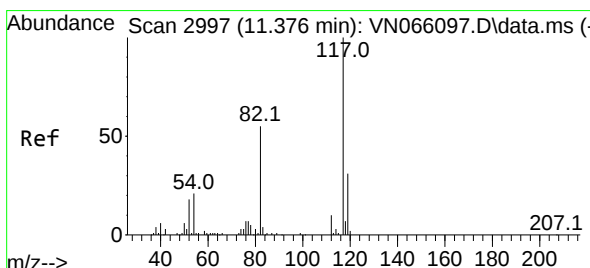
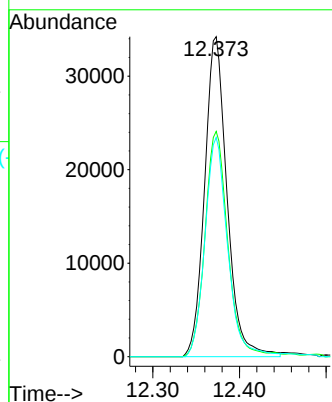
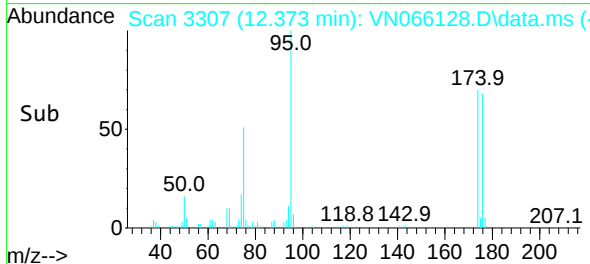


#62
4-Bromofluorobenzene
Concen: 53.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

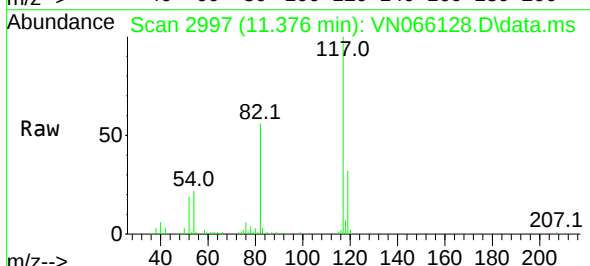
Instrument :
MSVOA_N
ClientSampleId :
41698DL



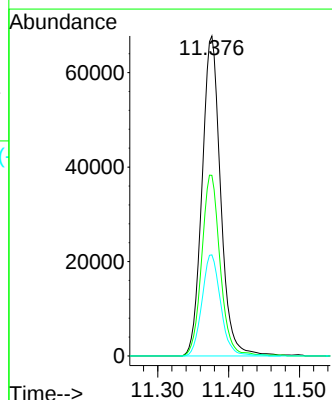
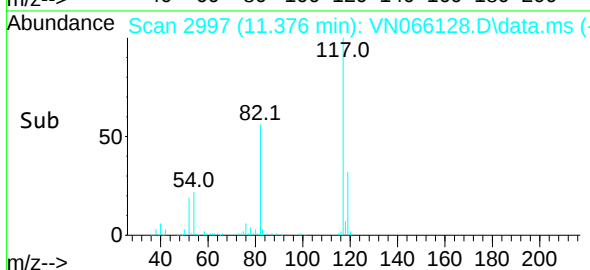
Tgt Ion: 95 Resp: 61633
Ion Ratio Lower Upper
95 100
174 71.1 0.0 169.0
176 69.2 0.0 162.4

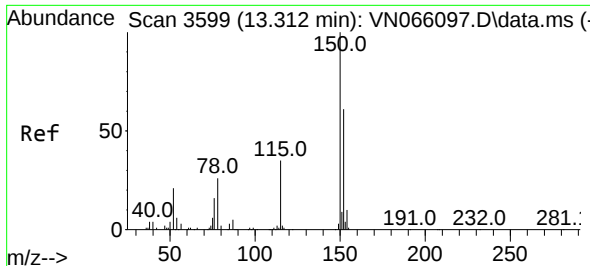


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02



Tgt Ion: 117 Resp: 123155
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.6 26.1 39.1

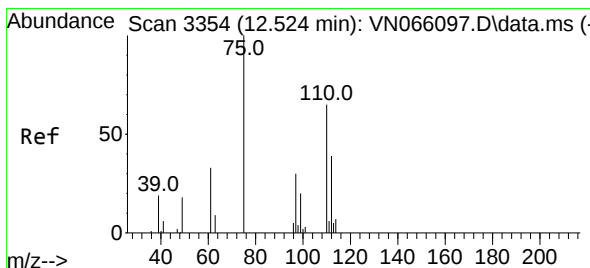
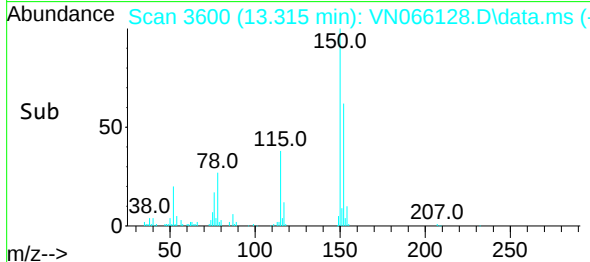
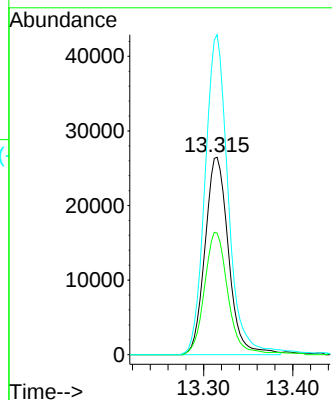
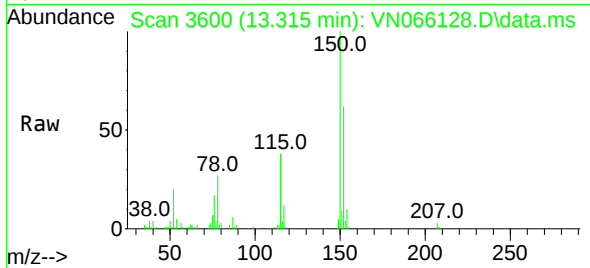




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066128.D
 Acq: 3 Mar 2021 17:02

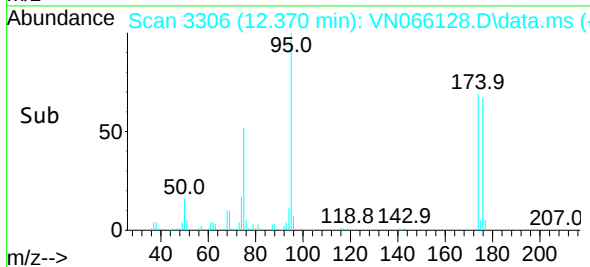
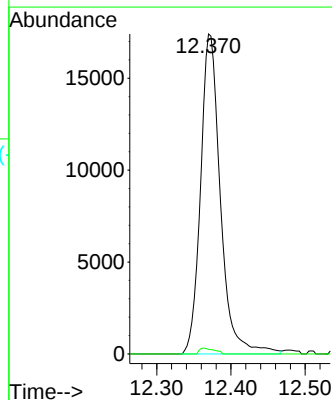
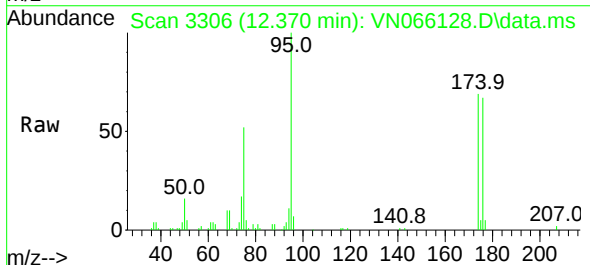
Instrument :
 MSVOA_N
 ClientSampled :
 41698DL

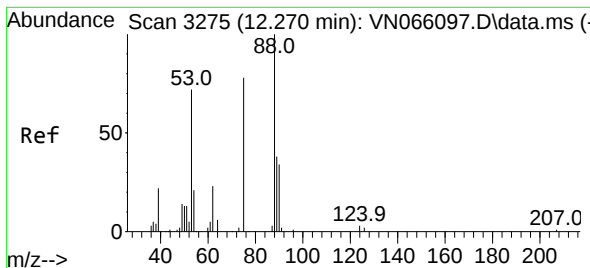
Tgt Ion:152 Resp: 48547
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.5 85.6
 150 161.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.20 ug/l
 RT: 12.370 min Scan# 3306
 Delta R.T. -0.154 min
 Lab File: VN066128.D
 Acq: 3 Mar 2021 17:02

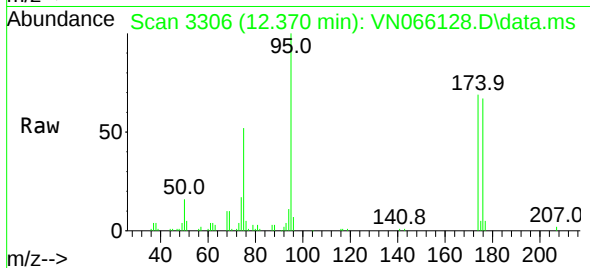
Tgt Ion: 75 Resp: 32371
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



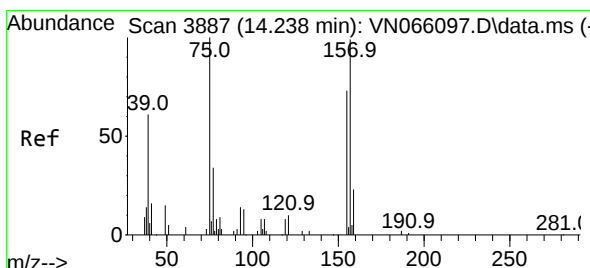
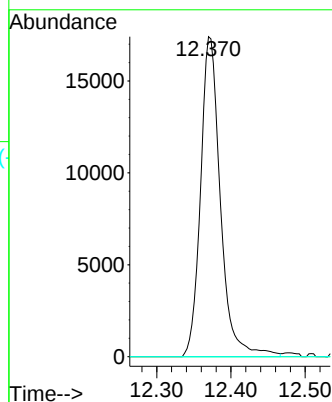
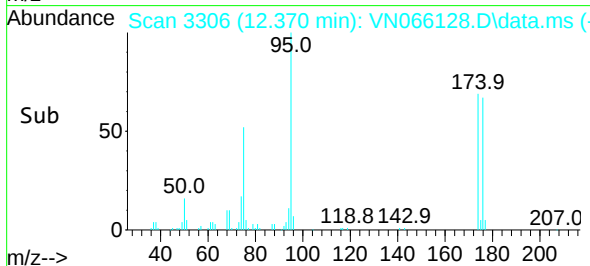


#81
trans-1,4-Dichloro-2-butene
Concen: 88.86 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

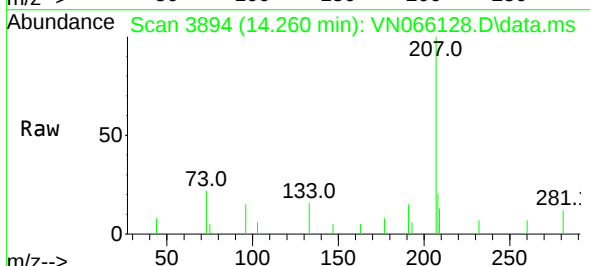
Instrument :
MSVOA_N
ClientSampled :
41698DL



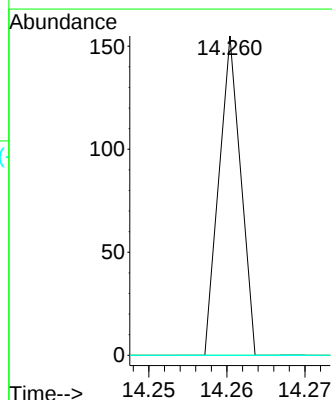
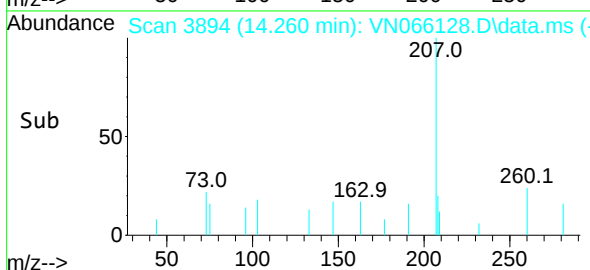
Tgt Ion: 75 Resp: 32371
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

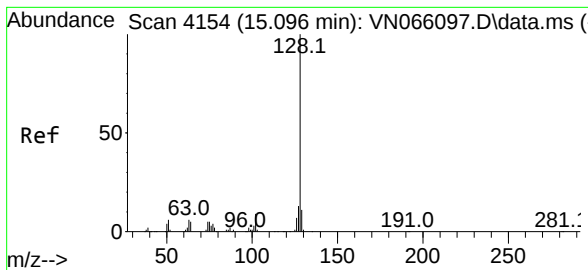


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.260 min Scan# 3894
Delta R.T. 0.022 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02



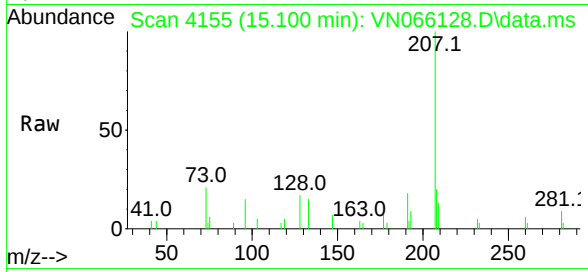
Tgt Ion: 75 Resp: 30
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 0.65 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066128.D
Acq: 3 Mar 2021 17:02

Instrument :
MSVOA_N
ClientSampleId :
41698DL



Tgt Ion:128 Resp: 1755
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

