

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066825.D
 Acq On : 28 Apr 2021 20:16
 Operator : JC/MD
 Sample : M2138-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:32:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

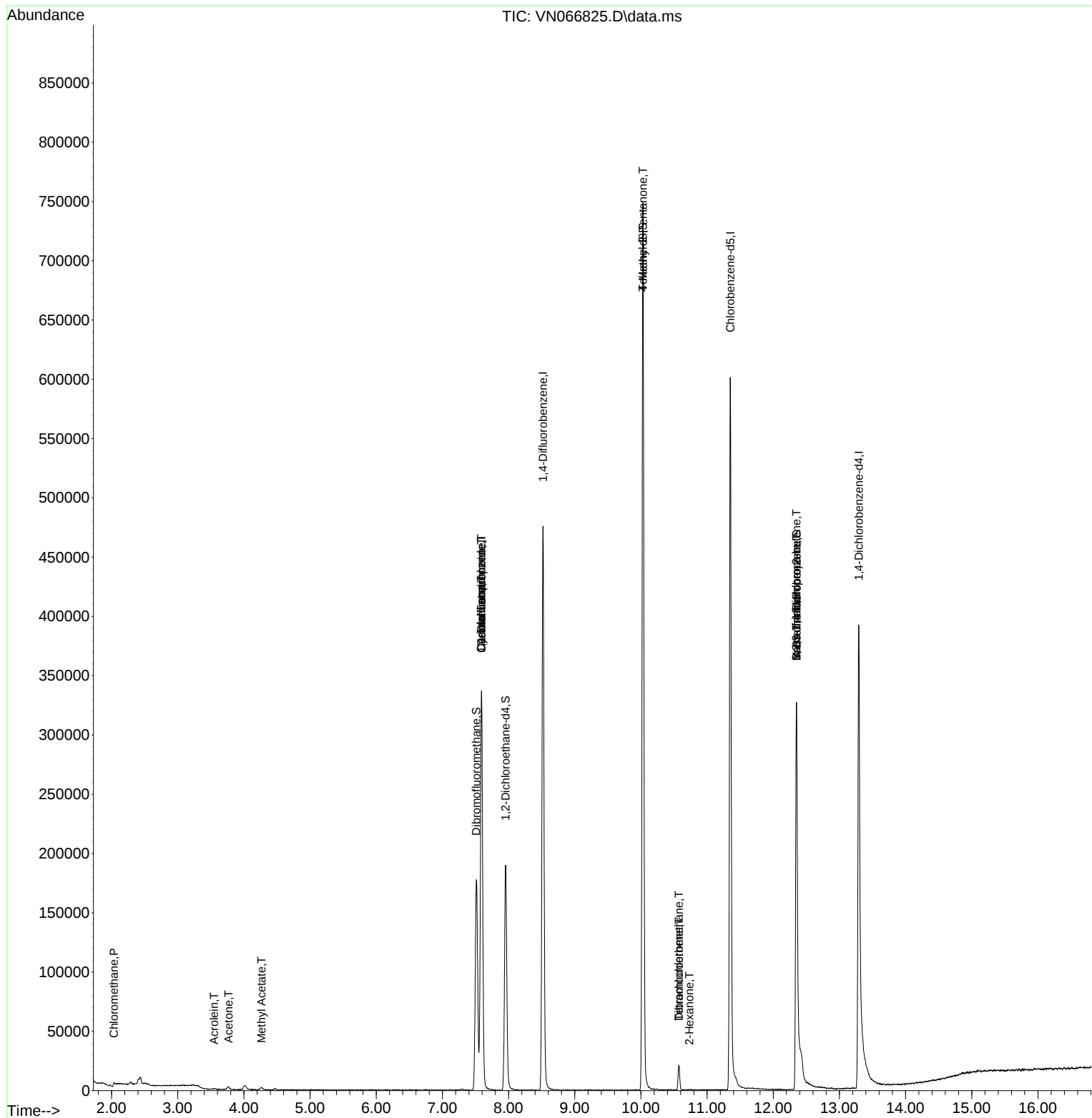
Internal Standards						
1) Pentafluorobenzene	7.591	168	299834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	454941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	403036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	160770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	163514	42.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.88%
35) Dibromofluoromethane	7.513	113	144932	51.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.22%
50) Toluene-d8	10.029	98	544972	49.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.88%
62) 4-Bromofluorobenzene	12.351	95	142545	38.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	76.44%
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	1281	0.30	ug/l	90
13) Acrolein	3.547	56	405	0.82	ug/l #	59
16) Acetone	3.769	43	3431	2.36	ug/l	100
18) Methyl Acetate	4.265	43	4362	2.20	ug/l #	81
31) Cyclohexane	7.588	56	4931	0.83	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19973	4.72	ug/l #	44
38) Carbon Tetrachloride	7.588	117	25494	6.29	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2104	0.54	ug/l #	1
59) 2-Hexanone	10.732	43	24	19.55	ug/l #	23
60) Dibromochloromethane	10.573	129	4706	1.43	ug/l #	11
64) Tetrachloroethene	10.573	164	5629	2.11	ug/l	95
71) Bromoform	12.349	173	816	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	69585	20.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	69585	56.33	ug/l #	12

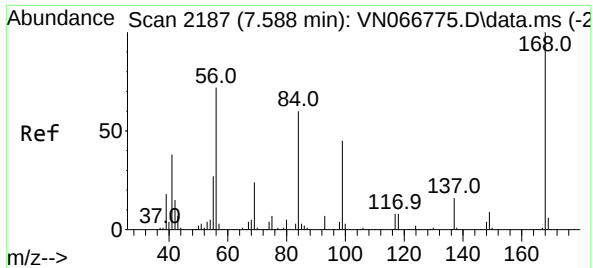
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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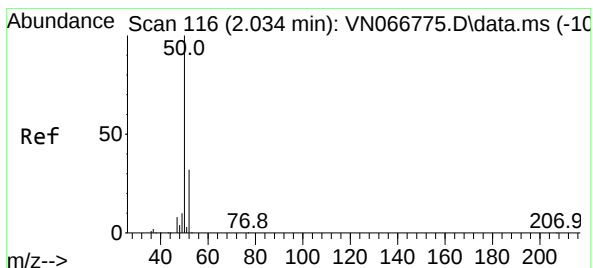
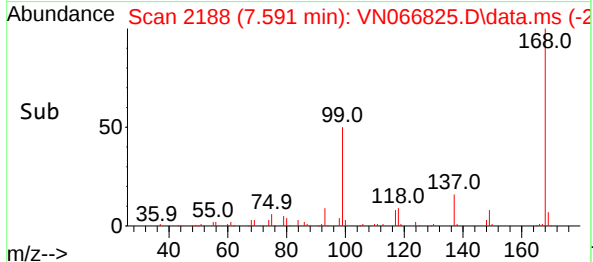
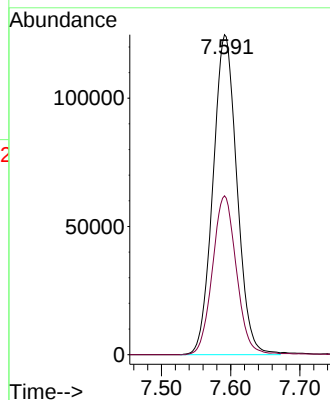
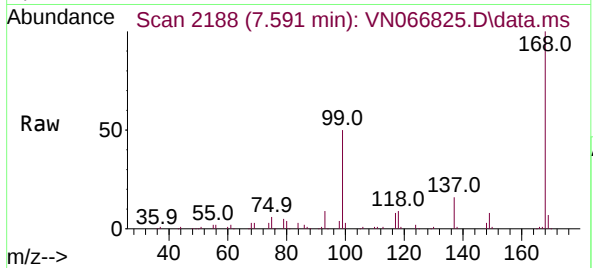




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

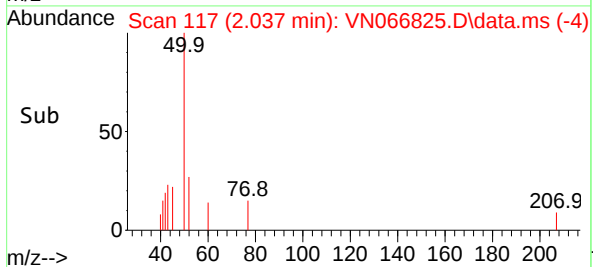
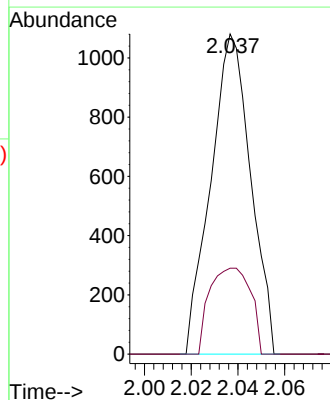
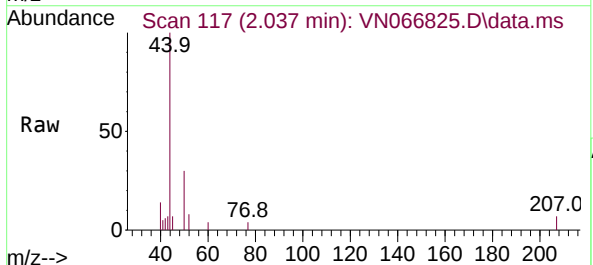
Instrument :
MSVOA_N
ClientSampled :

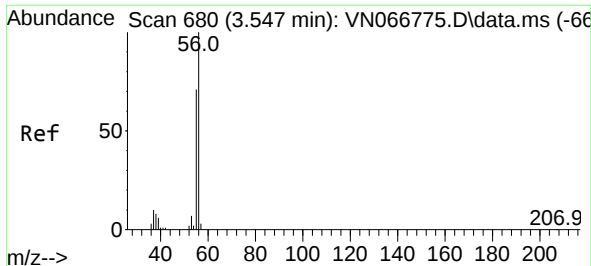
Tgt Ion:168 Resp: 299834
Ion Ratio Lower Upper
168 100
99 49.7 42.6 63.8



#3
Chloromethane
Concen: 0.30 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

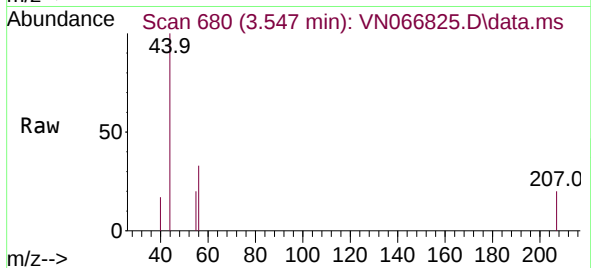
Tgt Ion: 50 Resp: 1281
Ion Ratio Lower Upper
50 100
52 26.8 25.8 38.8



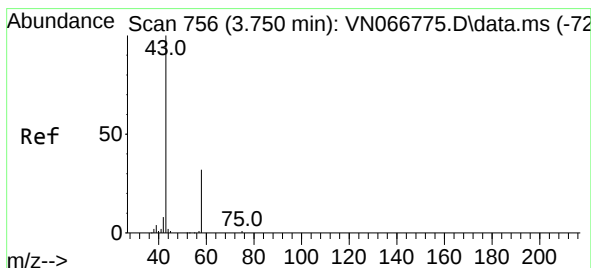
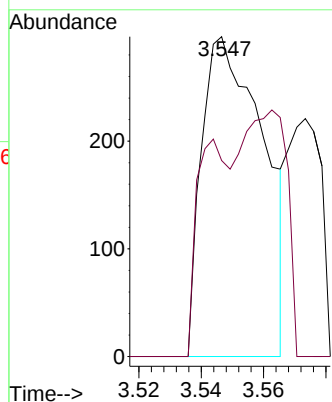
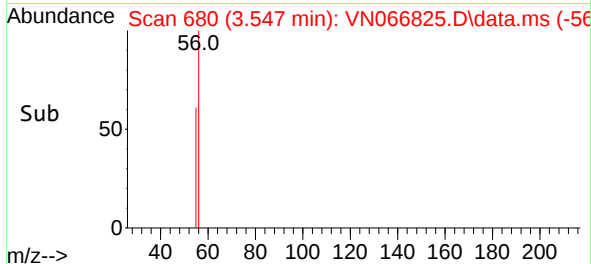


#13
Acrolein
Concen: 0.82 ug/l
RT: 3.547 min Scan# 680
Delta R.T. -0.000 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

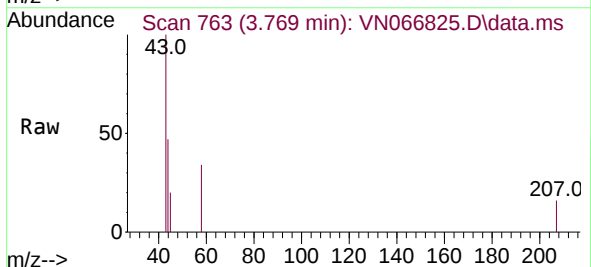
Instrument :
MSVOA_N
ClientSampled :



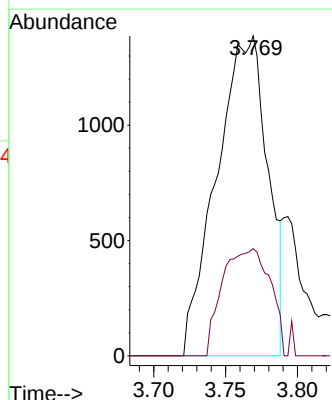
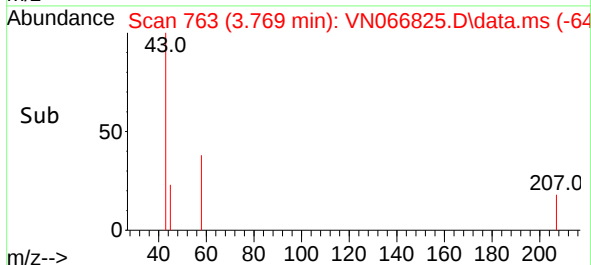
Tgt Ion: 56 Resp: 405
Ion Ratio Lower Upper
56 100
55 36.3 56.0 84.0#

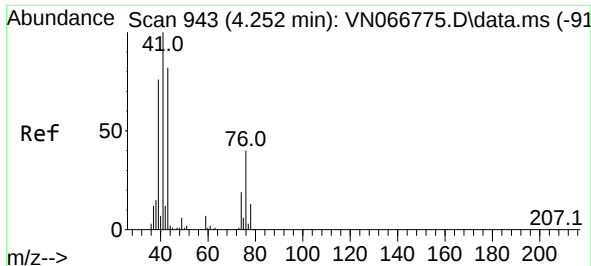


#16
Acetone
Concen: 2.36 ug/l
RT: 3.769 min Scan# 763
Delta R.T. 0.019 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16



Tgt Ion: 43 Resp: 3431
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.6





#18

Methyl Acetate

Concen: 2.20 ug/l

RT: 4.265 min Scan# 948

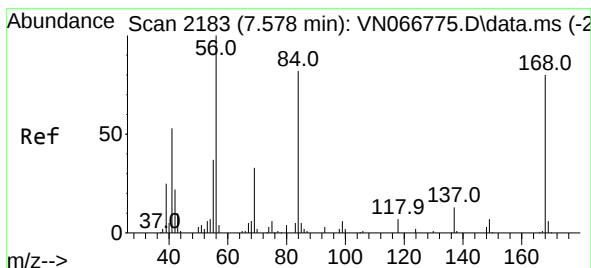
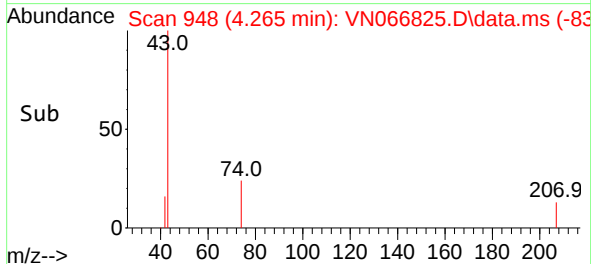
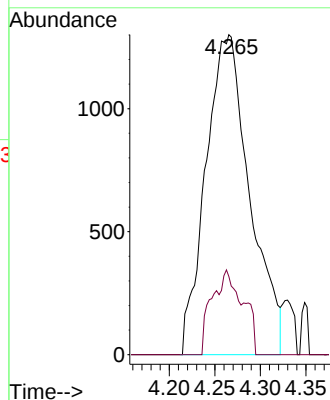
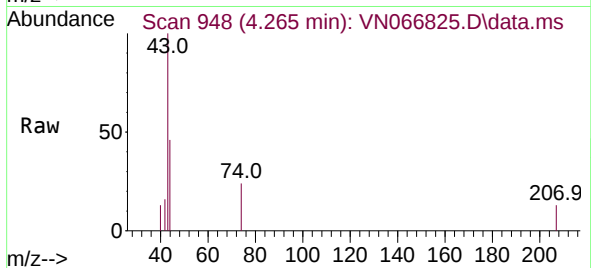
Delta R.T. 0.013 min

Lab File: VN066825.D

Acq: 28 Apr 2021 20:16

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 4362
Ion Ratio Lower Upper
43 100
74 14.9 19.5 29.3#



#31

Cyclohexane

Concen: 0.83 ug/l

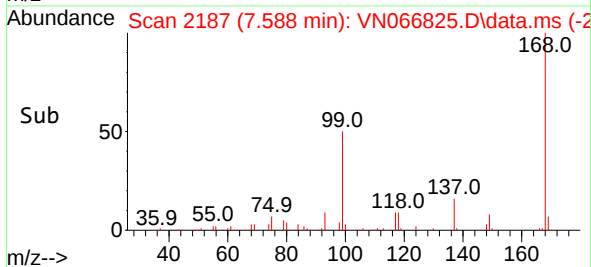
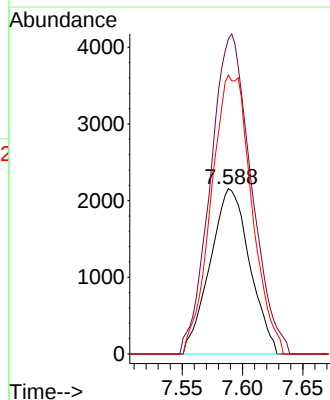
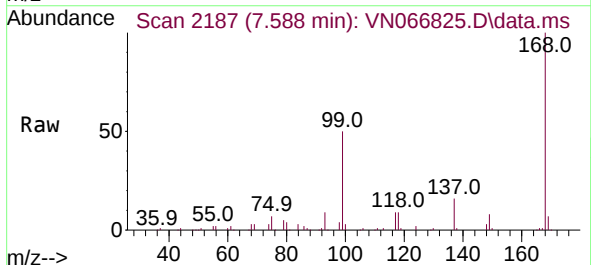
RT: 7.588 min Scan# 2187

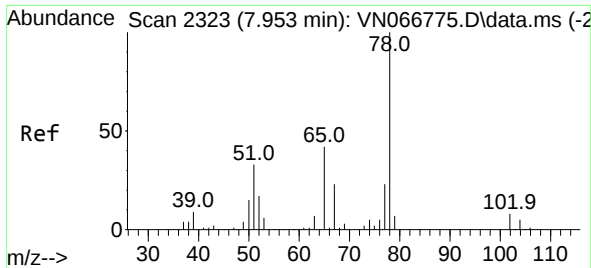
Delta R.T. 0.010 min

Lab File: VN066825.D

Acq: 28 Apr 2021 20:16

Tgt Ion: 56 Resp: 4931
Ion Ratio Lower Upper
56 100
69 190.3 26.6 39.8#
84 168.4 70.4 105.6#

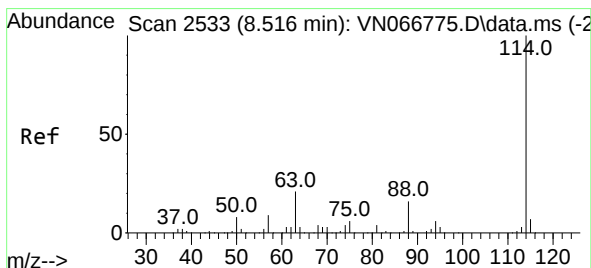
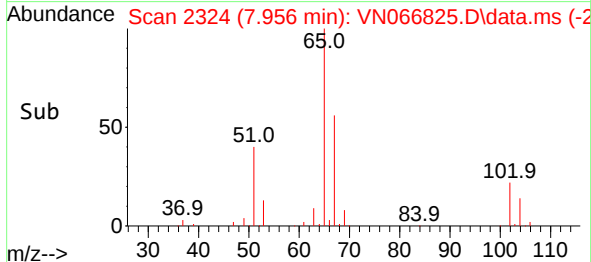
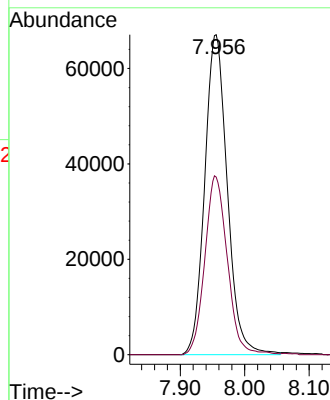
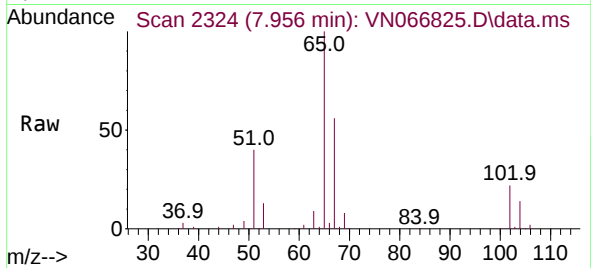




#33
 1,2-Dichloroethane-d4
 Concen: 42.44 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066825.D
 Acq: 28 Apr 2021 20:16

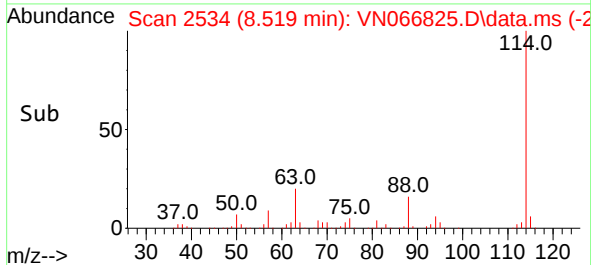
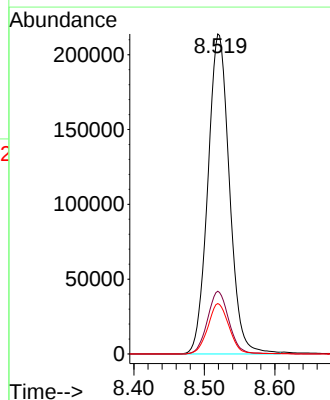
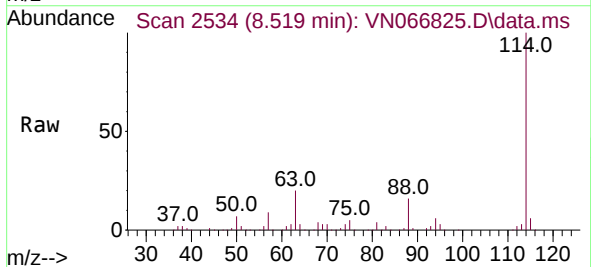
Instrument :
 MSVOA_N
 ClientSampled :

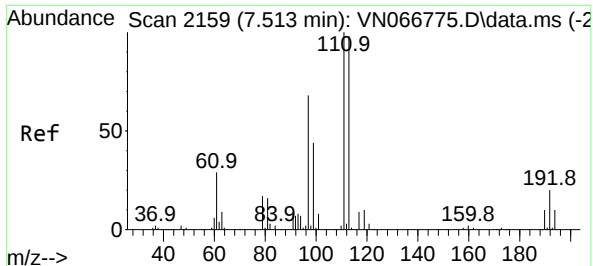
Tgt Ion: 65 Resp: 163514
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066825.D
 Acq: 28 Apr 2021 20:16

Tgt Ion: 114 Resp: 454941
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.8 0.0 30.6

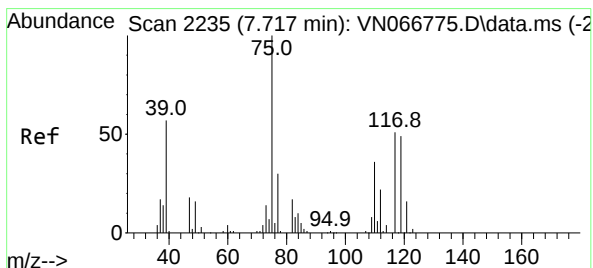
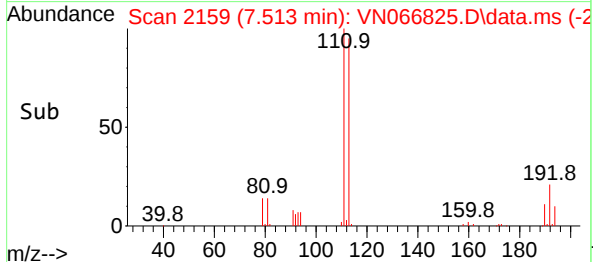
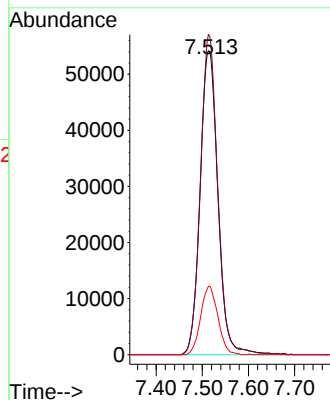
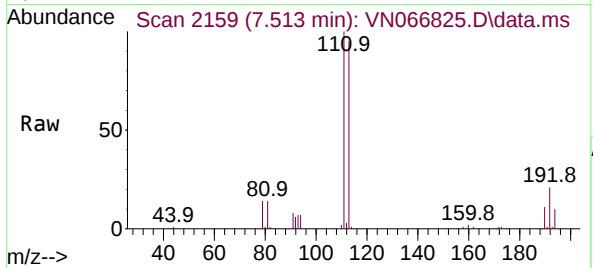




#35
 Dibromofluoromethane
 Concen: 51.61 ug/l
 RT: 7.513 min Scan# 2159
 Delta R.T. 0.000 min
 Lab File: VN066825.D
 Acq: 28 Apr 2021 20:16

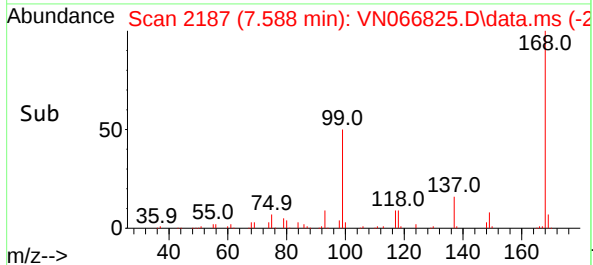
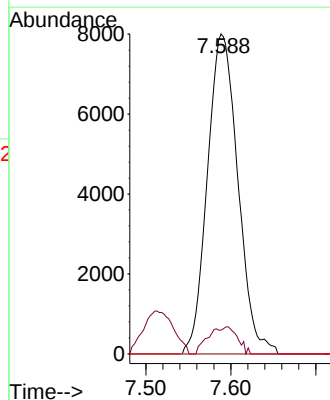
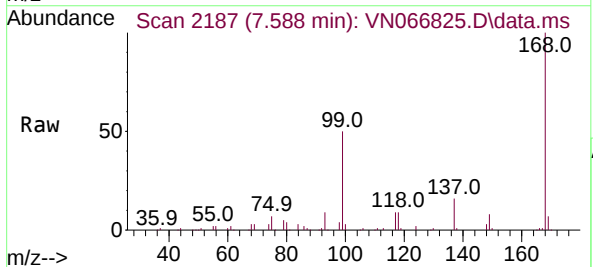
Instrument :
 MSVOA_N
 ClientSampleId :

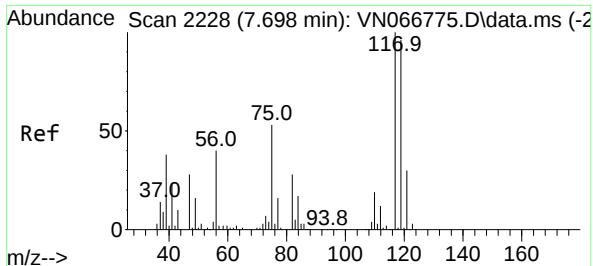
Tgt Ion:113 Resp: 144932
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 21.8 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.72 ug/l
 RT: 7.588 min Scan# 2187
 Delta R.T. -0.129 min
 Lab File: VN066825.D
 Acq: 28 Apr 2021 20:16

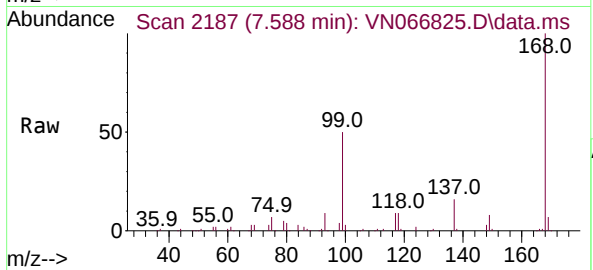
Tgt Ion: 75 Resp: 19973
 Ion Ratio Lower Upper
 75 100
 110 3.9 18.2 54.6#
 77 0.0 24.9 37.3#



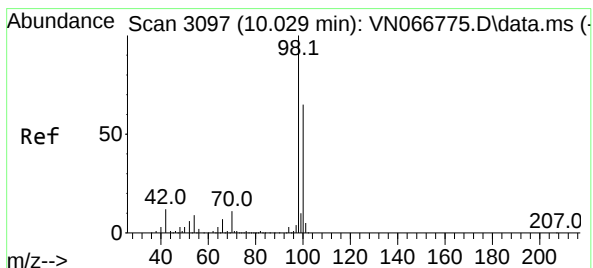
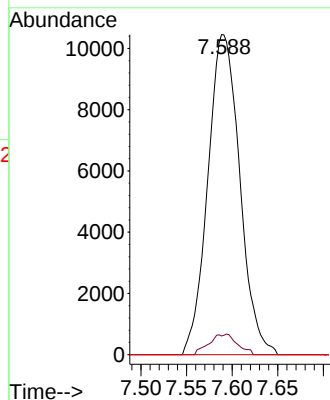
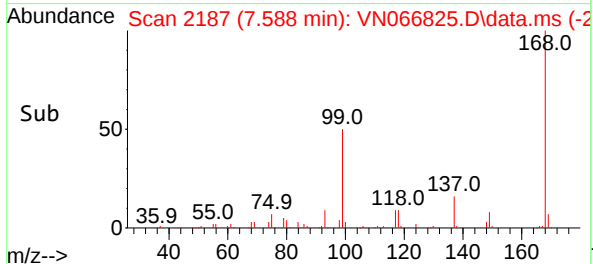


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

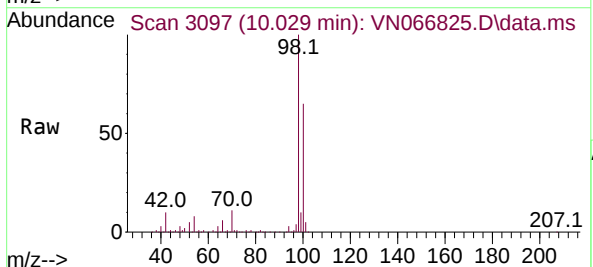
Instrument :
MSVOA_N
ClientSampled :



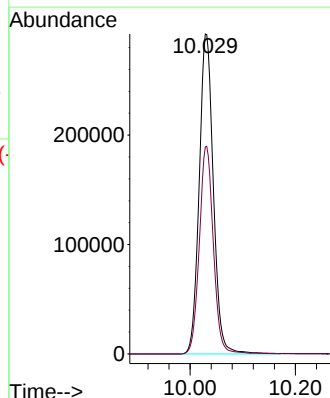
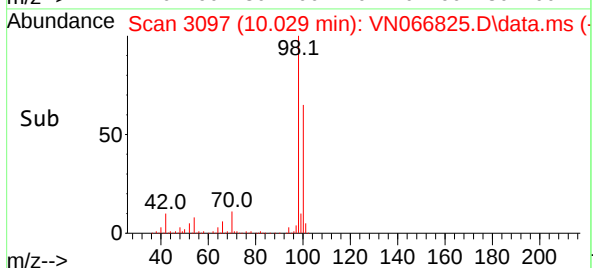
Tgt Ion:117 Resp: 25494
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

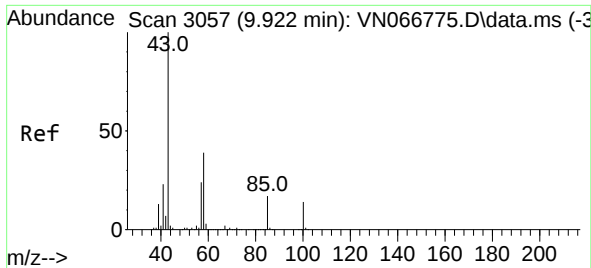


#50
Toluene-d8
Concen: 49.44 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16



Tgt Ion: 98 Resp: 544972
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

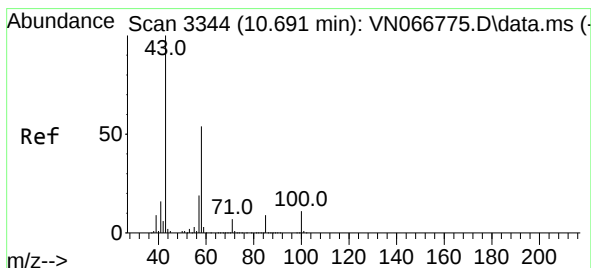
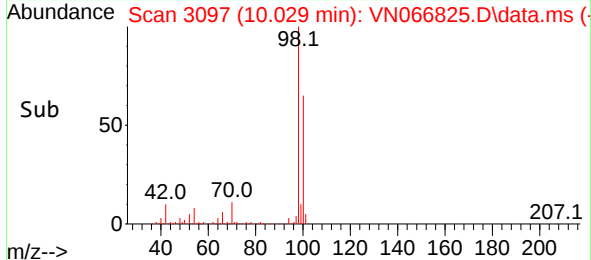
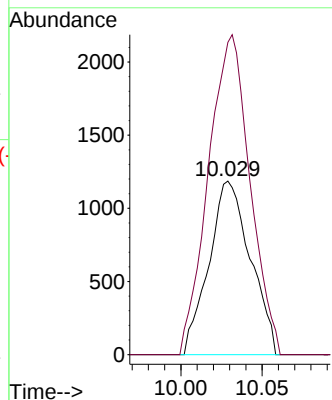
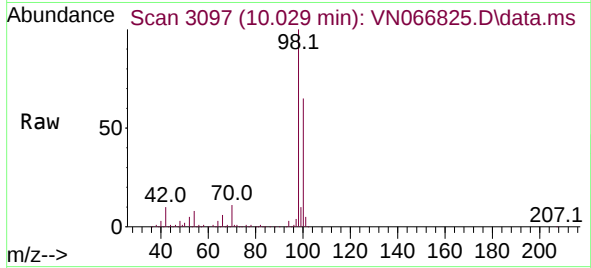




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

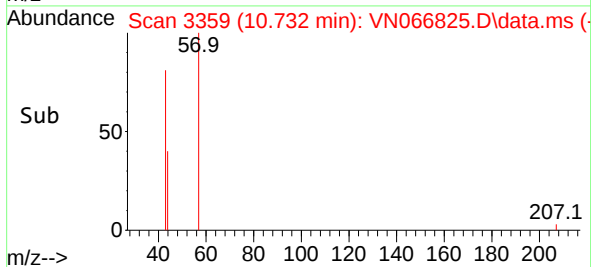
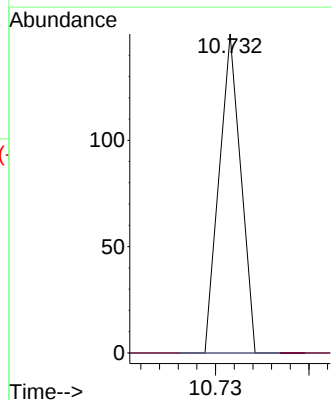
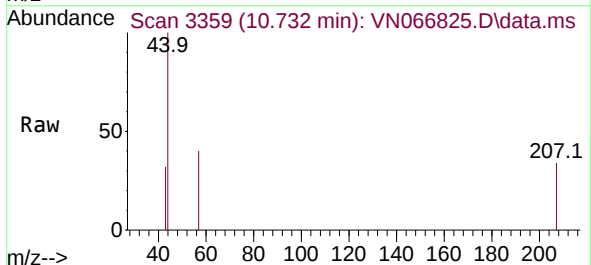
Instrument :
MSVOA_N
ClientSampled :

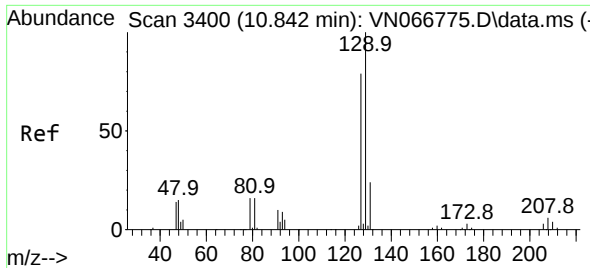
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 185.1 32.5 48.7#



#59
2-Hexanone
Concen: 19.55 ug/l
RT: 10.732 min Scan# 3359
Delta R.T. 0.041 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

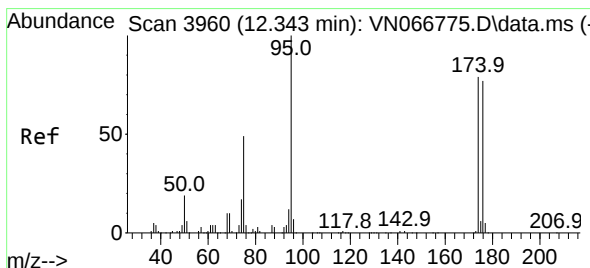
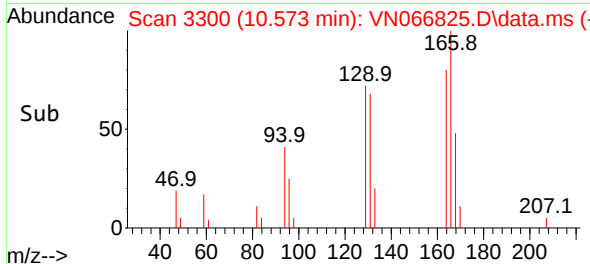
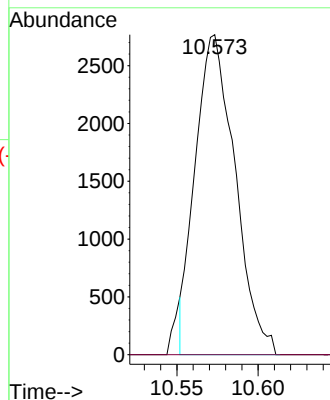
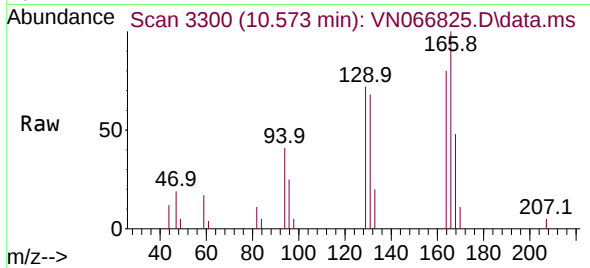




#60
Dibromochloromethane
Concen: 1.43 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

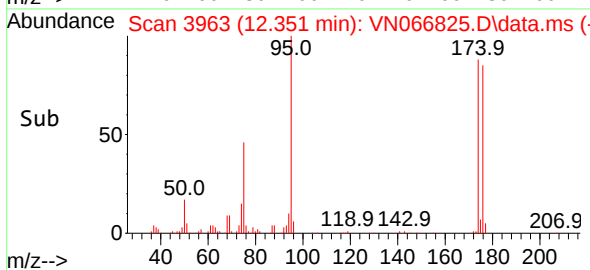
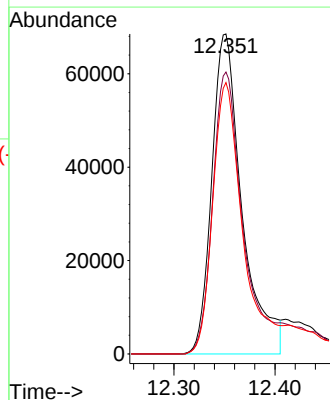
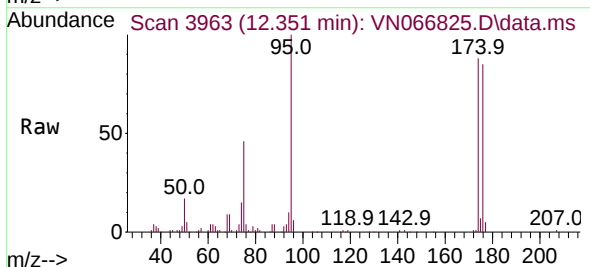
Instrument :
MSVOA_N
ClientSampleId :

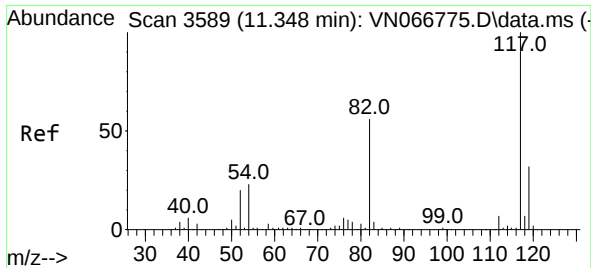
Tgt Ion:129 Resp: 4706
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 38.22 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

Tgt Ion: 95 Resp: 142545
Ion Ratio Lower Upper
95 100
174 101.4 0.0 169.0
176 83.9 0.0 162.4

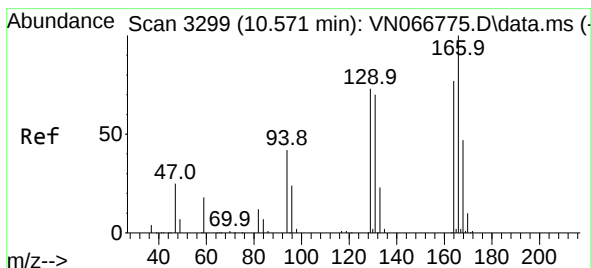
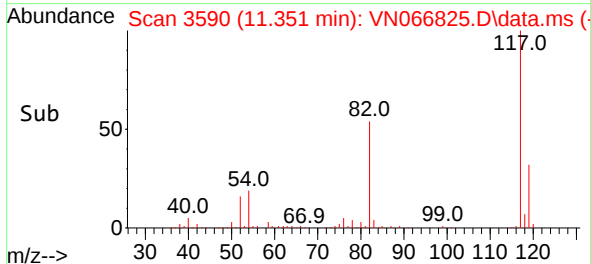
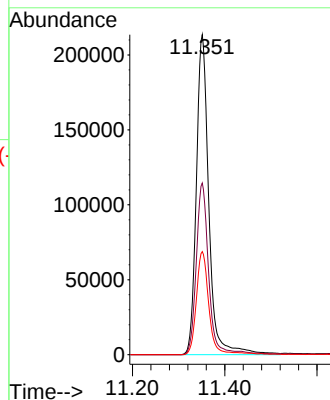
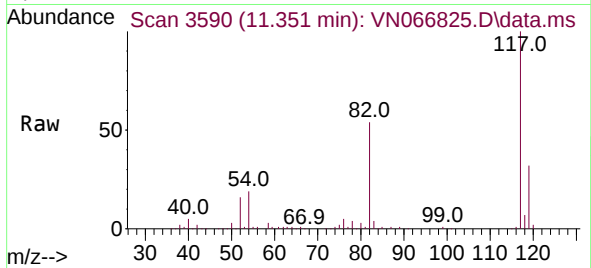




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

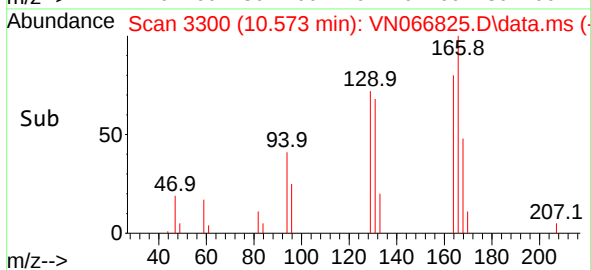
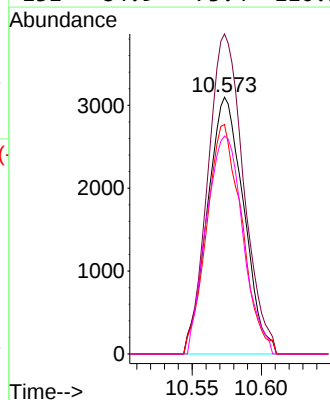
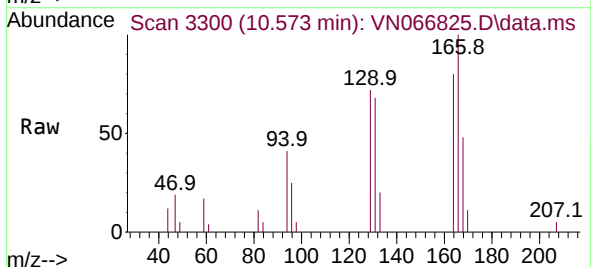
Instrument :
MSVOA_N
ClientSampled :

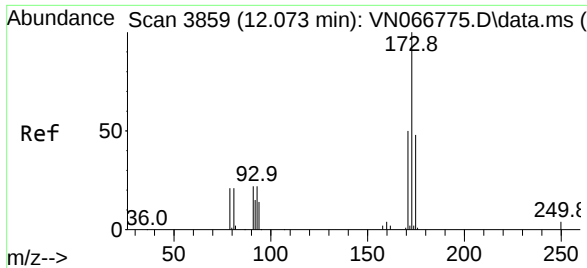
Tgt Ion:117 Resp: 403036
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 2.11 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

Tgt Ion:164 Resp: 5629
Ion Ratio Lower Upper
164 100
166 124.6 102.6 154.0
129 89.3 76.2 114.4
131 84.9 73.4 110.2

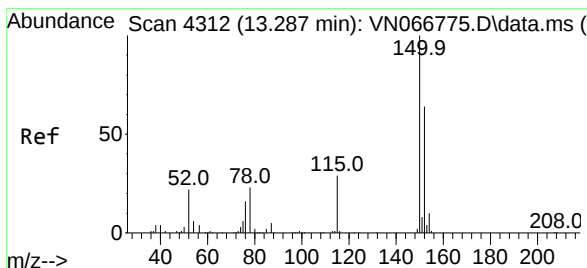
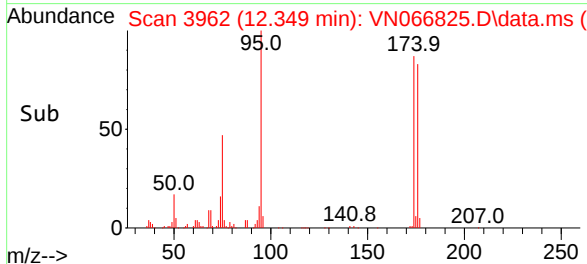
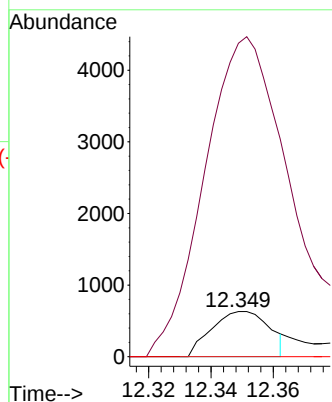
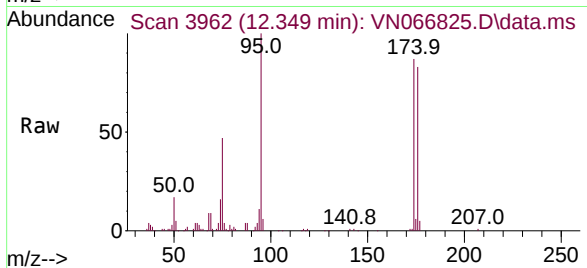




#71
Bromoform
Concen: 0.37 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

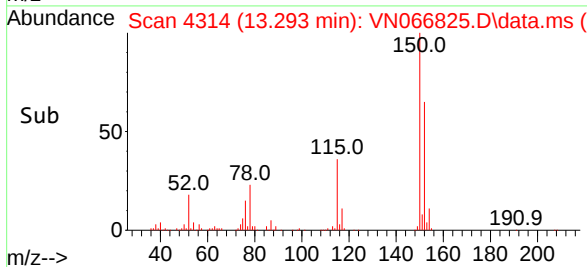
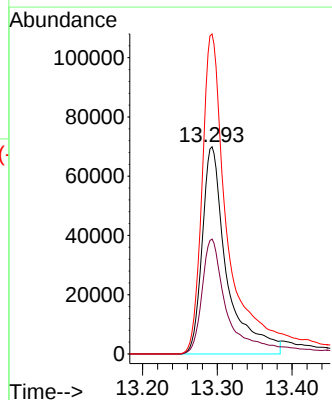
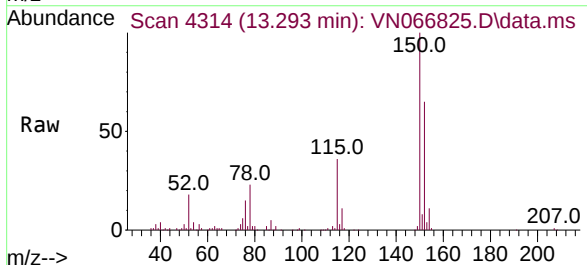
Instrument :
MSVOA_N
ClientSampleId :

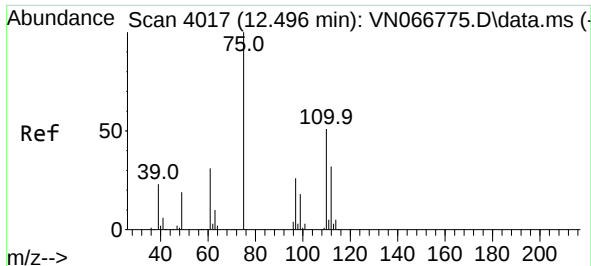
Tgt Ion:173 Resp: 816
Ion Ratio Lower Upper
173 100
175 839.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

Tgt Ion:152 Resp: 160770
Ion Ratio Lower Upper
152 100
115 59.4 28.5 85.6
150 162.9 0.0 347.6

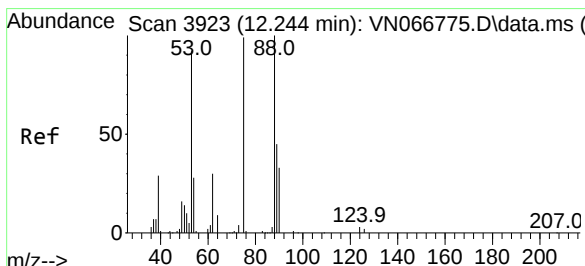
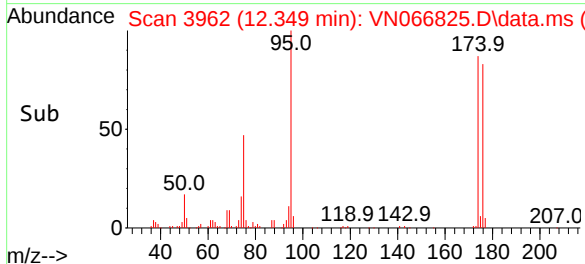
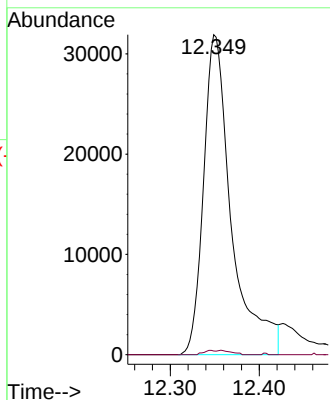
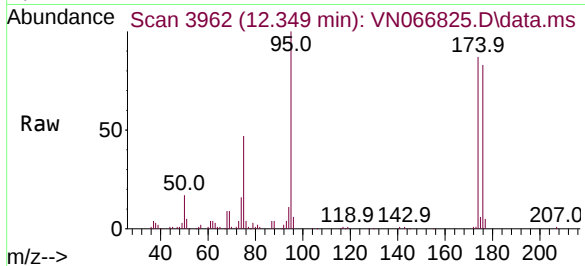




#76
1,2,3-Trichloropropane
Concen: 20.54 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 69585
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.33 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066825.D
Acq: 28 Apr 2021 20:16

Tgt Ion: 75 Resp: 69585
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

