

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042621\
 Data File : VN066761.D
 Acq On : 26 Apr 2021 15:10
 Operator : JC/MD
 Sample : M2119-01MEDL 10X
 Misc : 5.06g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 27 06:12:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

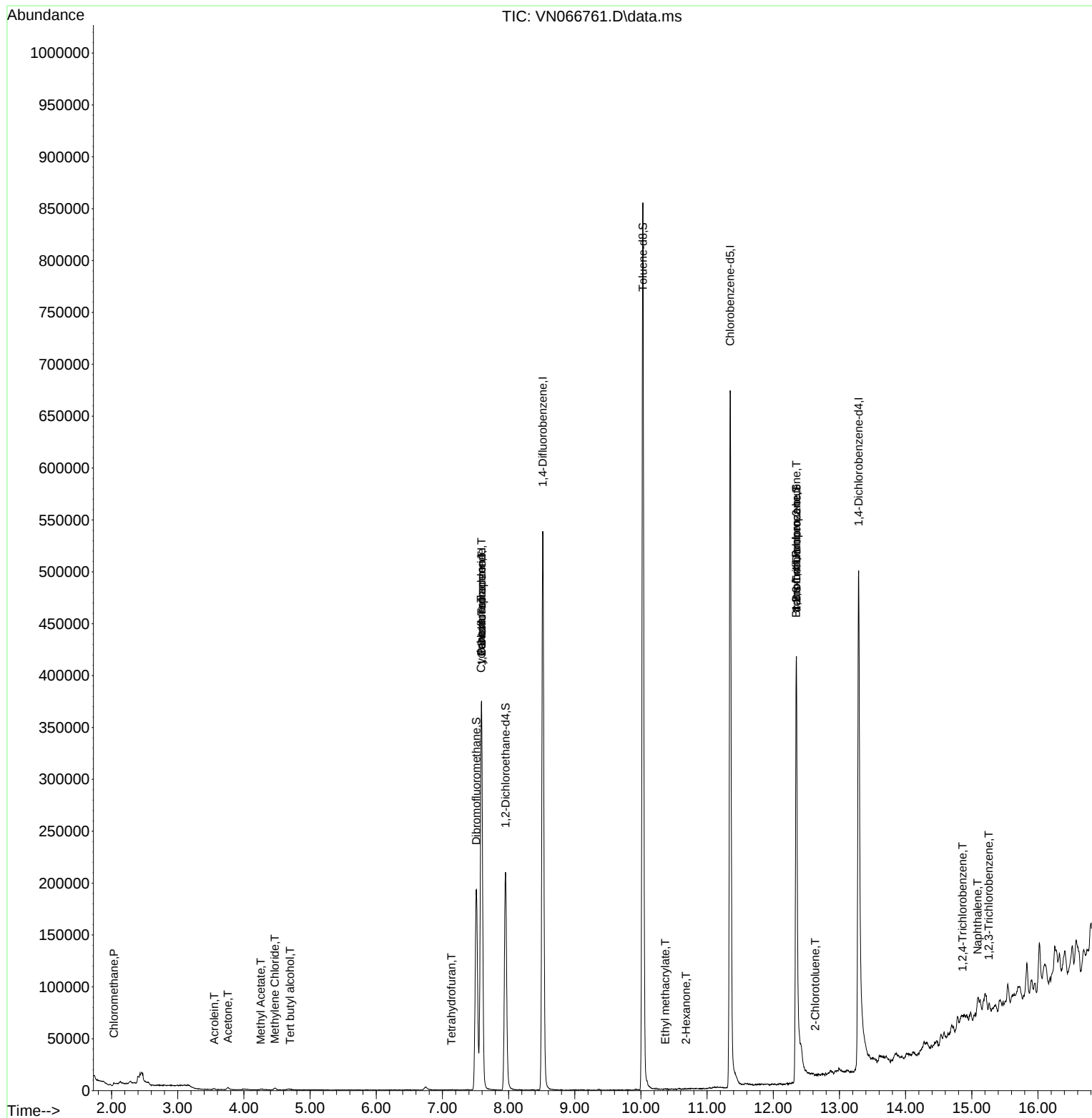
Internal Standards						
1) Pentafluorobenzene	7.591	168	336483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	508880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	443343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	204628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	184041	44.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.54%		
35) Dibromofluoromethane	7.513	113	153818	48.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.54%		
50) Toluene-d8	10.029	98	607435	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	12.349	95	175773	41.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.60%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1580	0.29	ug/l	99
11) Tert butyl alcohol	4.697	59	712	1.37	ug/l #	73
13) Acrolein	3.552	56	980	1.70	ug/l #	82
16) Acetone	3.759	43	3393	2.21	ug/l	99
18) Methyl Acetate	4.255	43	926	0.22	ug/l #	51
20) Methylene Chloride	4.469	84	975	0.21	ug/l #	76
29) Tetrahydrofuran	7.138	42	330	0.22	ug/l #	32
31) Cyclohexane	7.586	56	5556	0.83	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	23316	4.93	ug/l #	48
38) Carbon Tetrachloride	7.591	117	29113	6.46	ug/l #	17
56) Ethyl methacrylate	10.370	69	52	3.16	ug/l #	27
59) 2-Hexanone	10.681	43	391	16.75	ug/l #	23
71) Bromoform	12.346	173	1128	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	92724	21.18	ug/l #	100
79) 2-Chlorotoluene	12.633	91	43	0.94	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.349	75	92724	63.21	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.862	180	524	2.13	ug/l #	1
95) Naphthalene	15.087	128	2660	2.12	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.256	180	432	1.47	ug/l #	1

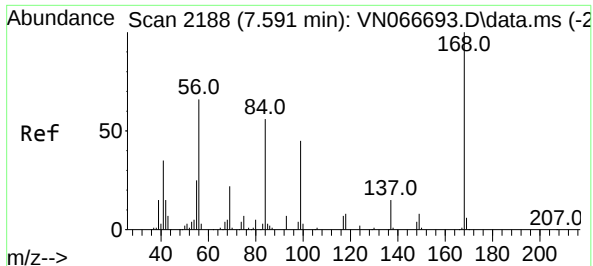
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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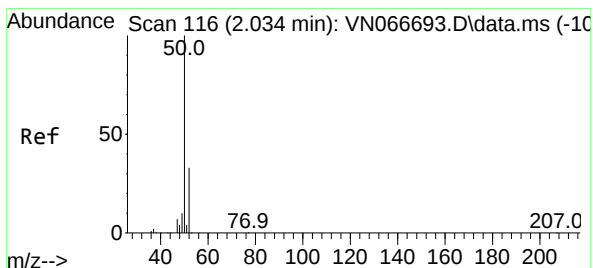
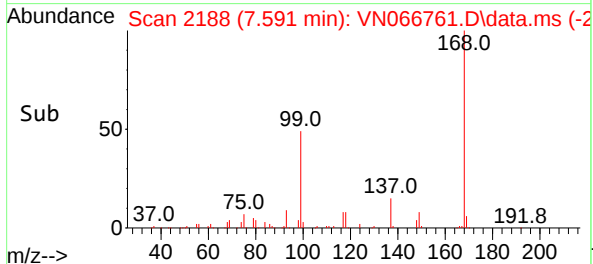
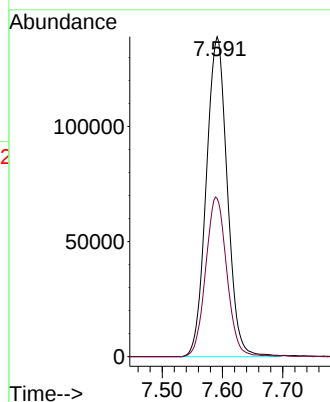
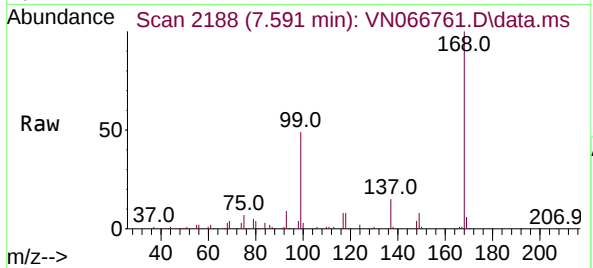




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

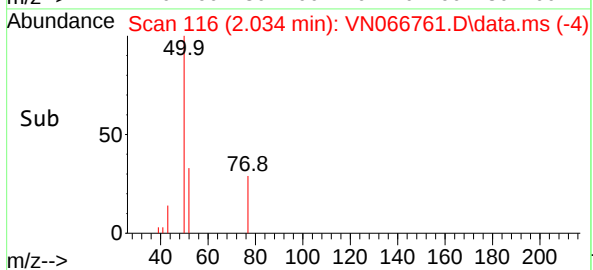
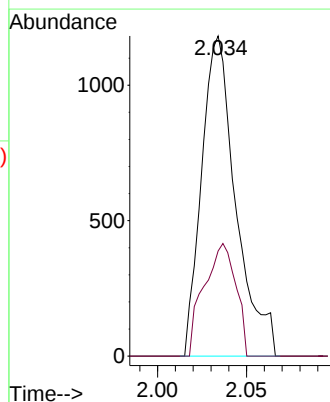
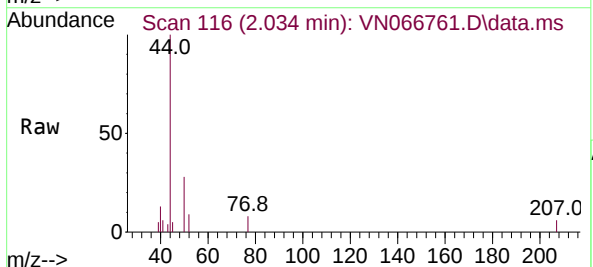
Instrument :
MSVOA_N
ClientSampled :

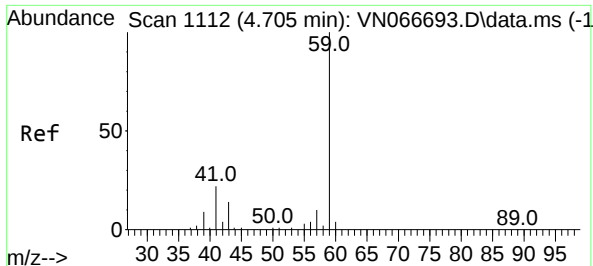
Tgt Ion:168 Resp: 336483
Ion Ratio Lower Upper
168 100
99 49.5 42.6 63.8



#3
Chloromethane
Concen: 0.29 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 50 Resp: 1580
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8

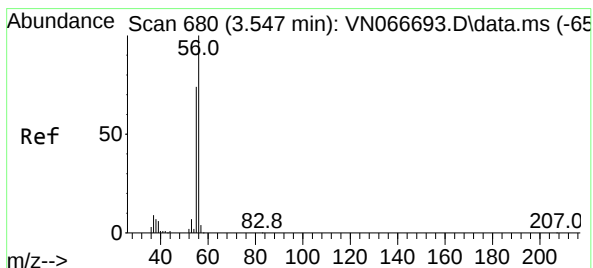
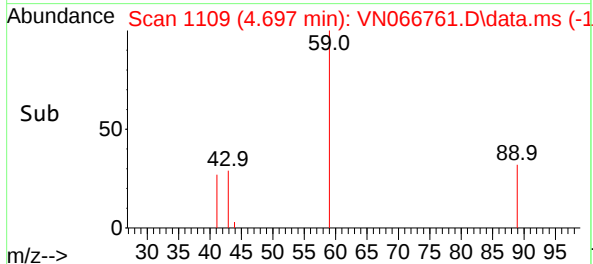
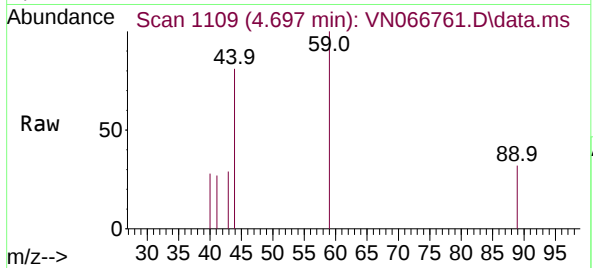




#11
Tert butyl alcohol
Concen: 1.37 ug/l
RT: 4.697 min Scan# 1109
Delta R.T. -0.008 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

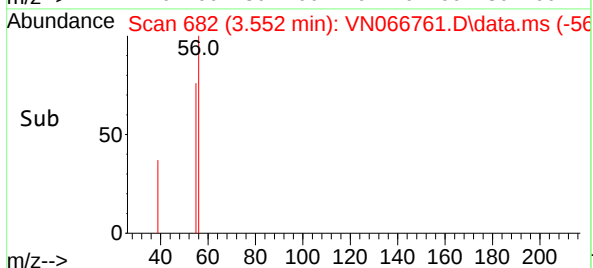
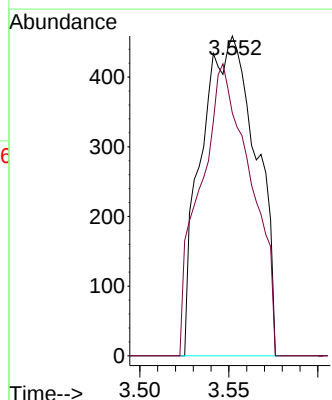
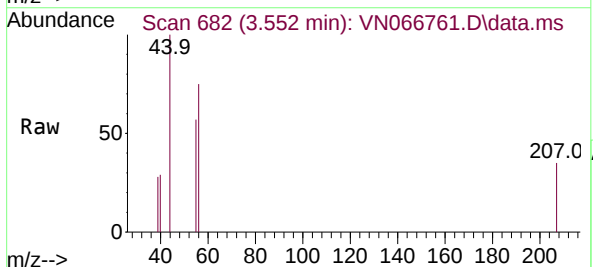
Instrument :
MSVOA_N
ClientSampled :

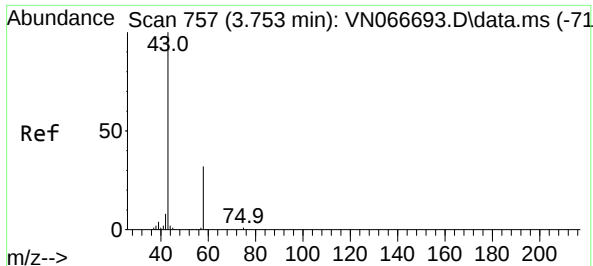
Tgt Ion: 59 Resp: 712
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 1.70 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 56 Resp: 980
Ion Ratio Lower Upper
56 100
55 84.9 56.0 84.0#

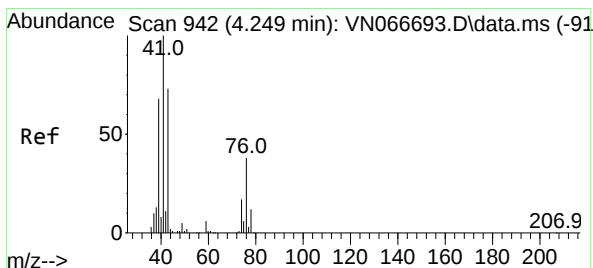
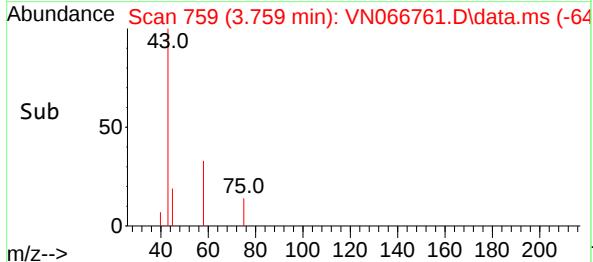
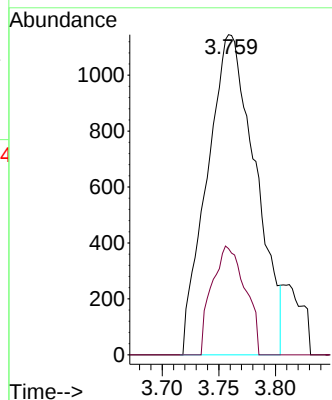
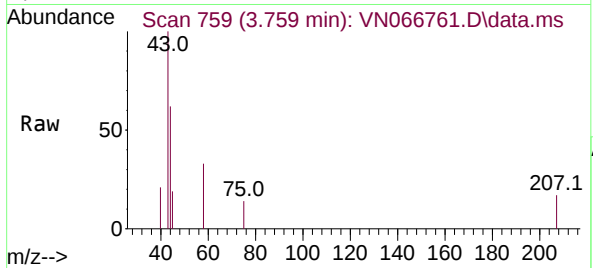




#16
Acetone
Concen: 2.21 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.006 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

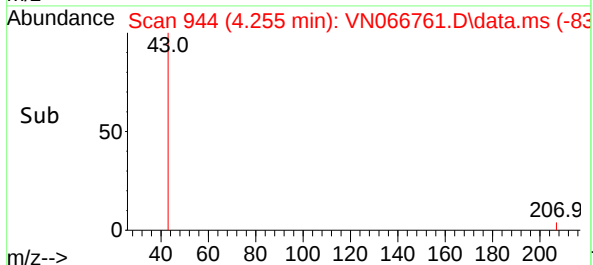
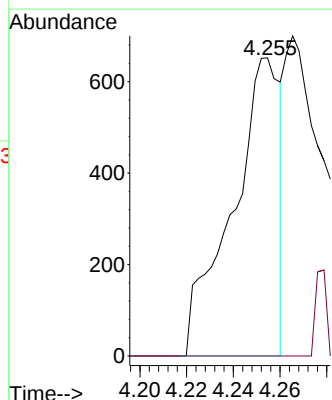
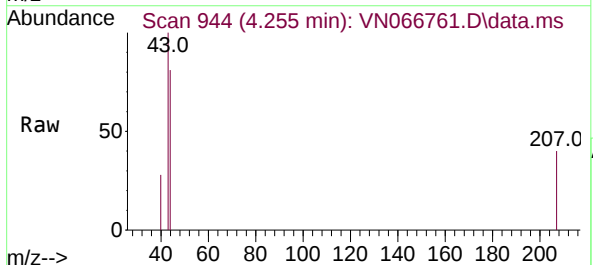
Instrument :
MSVOA_N
ClientSampled :

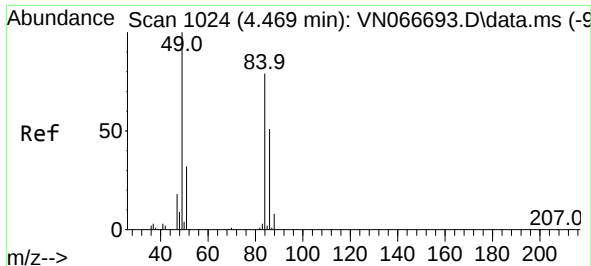
Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
58 33.2 27.0 40.6



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





#20

Methylene Chloride

Concen: 0.21 ug/l

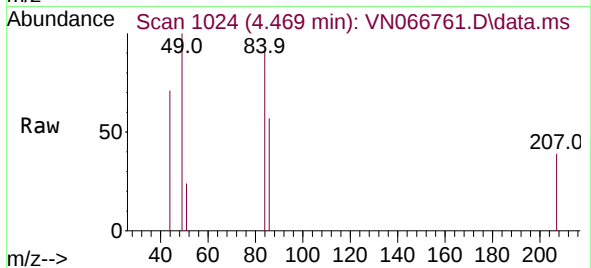
RT: 4.469 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN066761.D

Acq: 26 Apr 2021 15:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 975

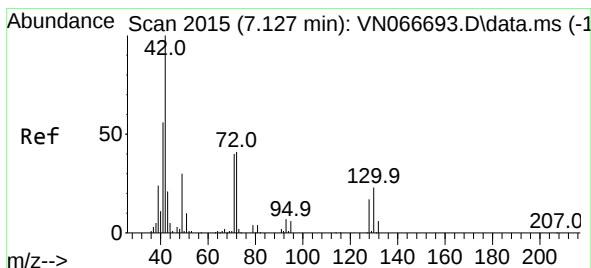
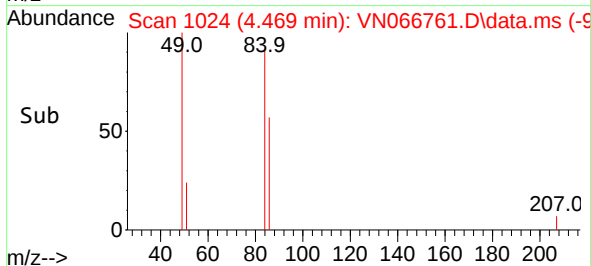
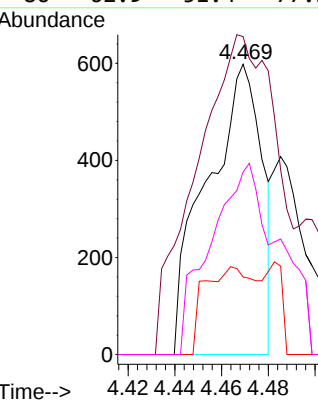
Ion Ratio Lower Upper

84 100

49 75.6 94.6 141.8#

51 26.8 29.9 44.9#

86 62.9 51.4 77.2



#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 7.138 min Scan# 2019

Delta R.T. 0.011 min

Lab File: VN066761.D

Acq: 26 Apr 2021 15:10

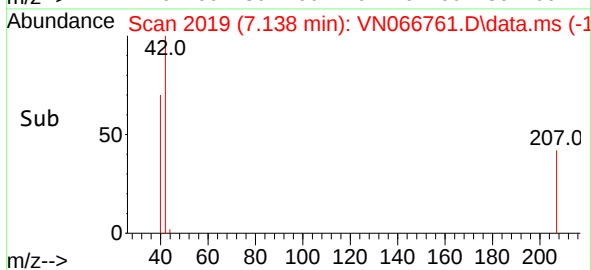
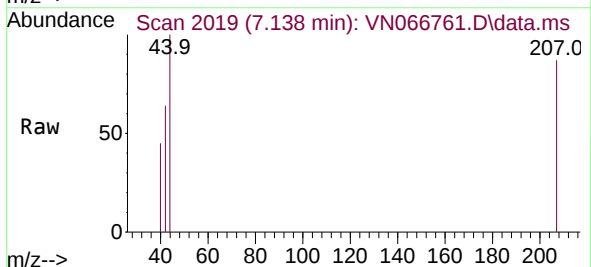
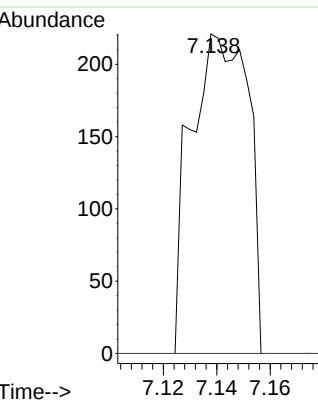
Tgt Ion: 42 Resp: 330

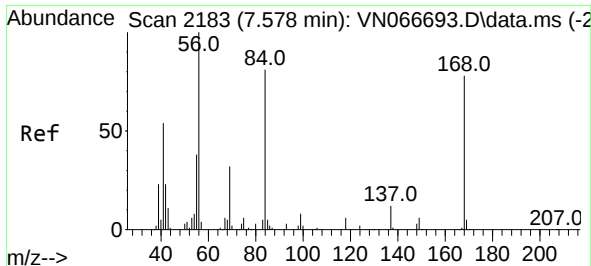
Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

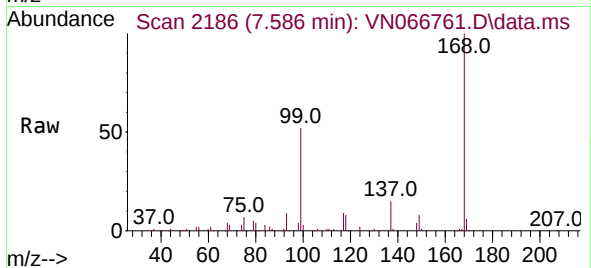
71 0.0 34.3 51.5#



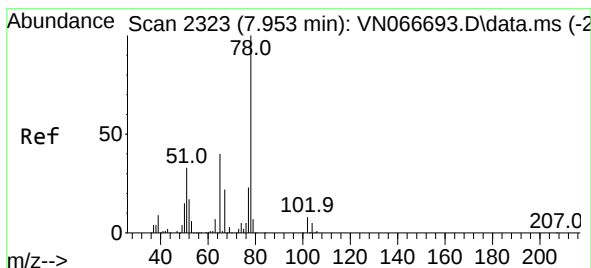
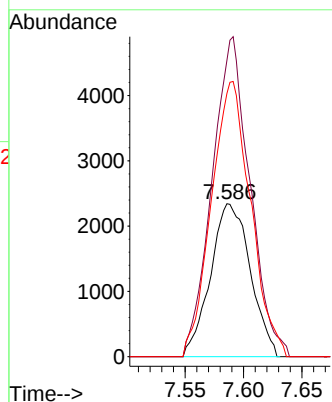
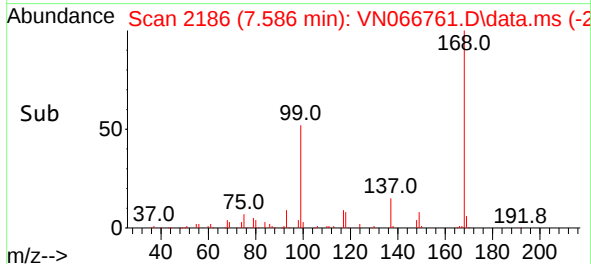


#31
Cyclohexane
Concen: 0.83 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.008 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

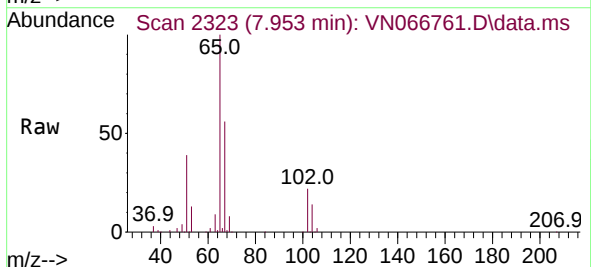
Instrument :
MSVOA_N
ClientSampled :



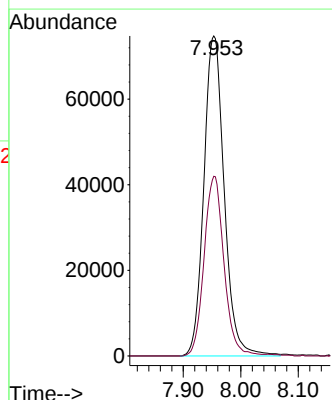
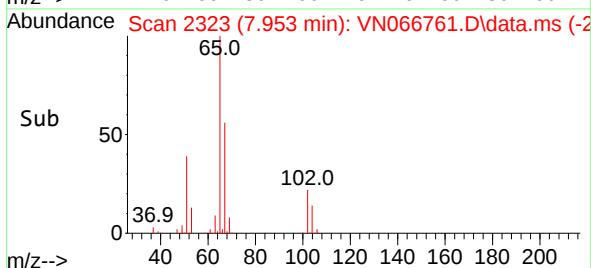
Tgt Ion: 56 Resp: 5556
Ion Ratio Lower Upper
56 100
69 193.7 26.6 39.8#
84 172.0 70.4 105.6#

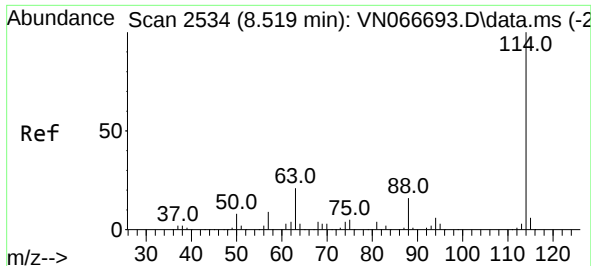


#33
1,2-Dichloroethane-d4
Concen: 44.77 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10



Tgt Ion: 65 Resp: 184041
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2

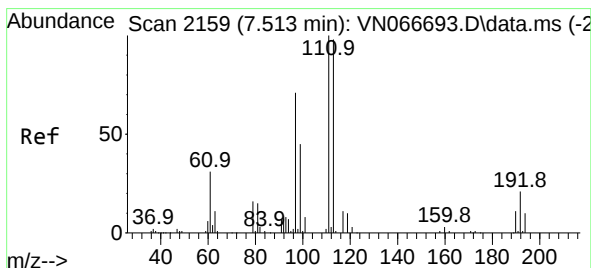
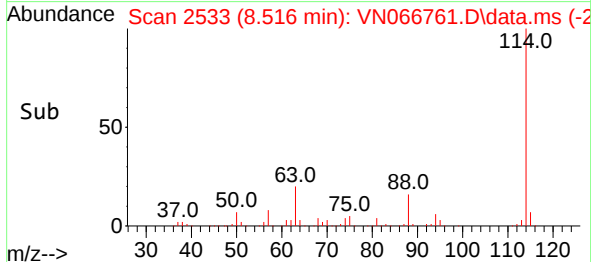
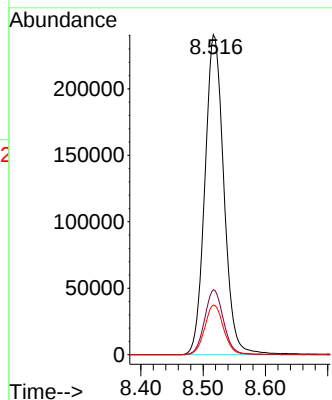
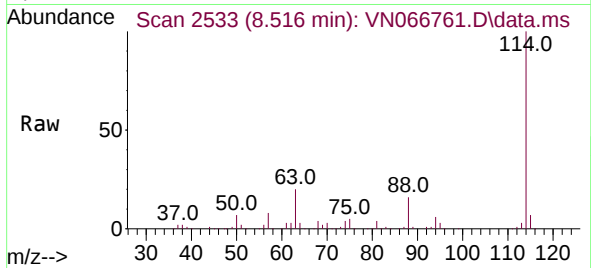




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

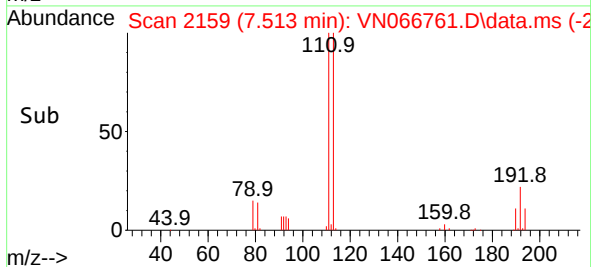
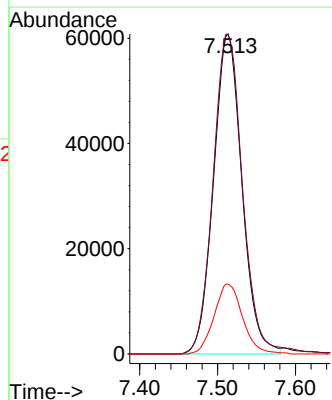
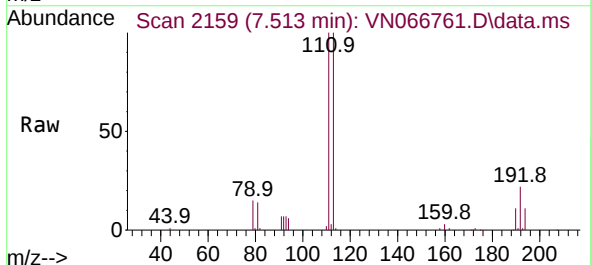
Instrument :
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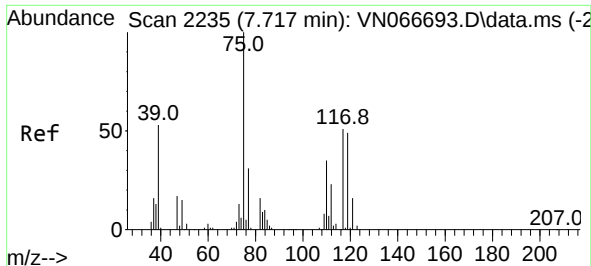
Tgt Ion:114 Resp: 508880
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.27 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

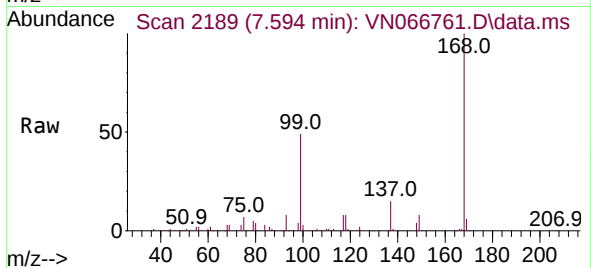
Tgt Ion:113 Resp: 153818
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 22.0 15.4 23.0



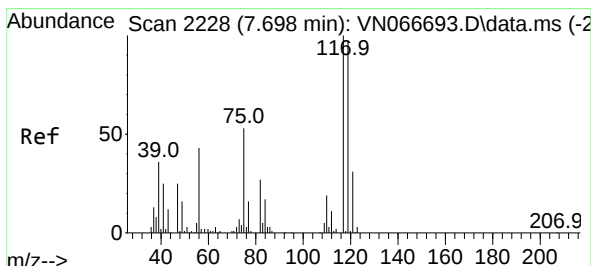
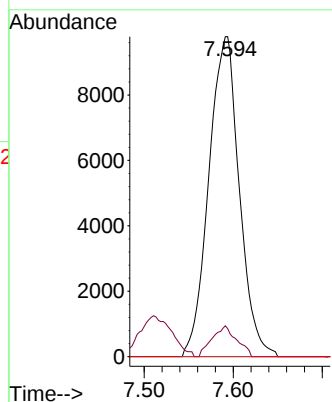
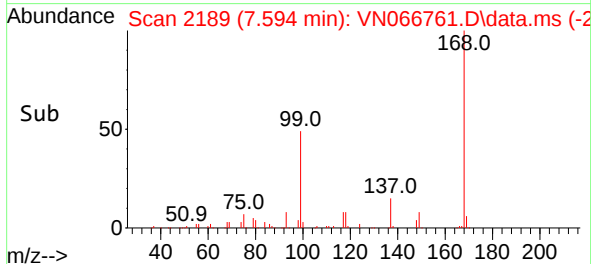


#36
 1,1-Dichloropropene
 Concen: 4.93 ug/l
 RT: 7.594 min Scan# 2189
 Delta R.T. -0.123 min
 Lab File: VN066761.D
 Acq: 26 Apr 2021 15:10

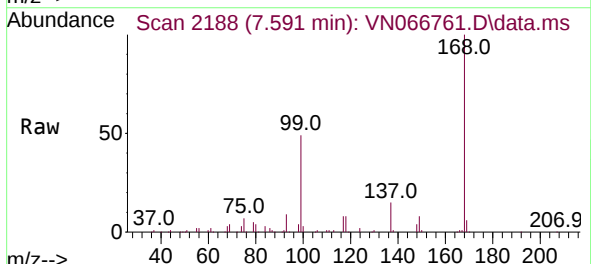
Instrument :
 MSVOA_N
 ClientSampled :



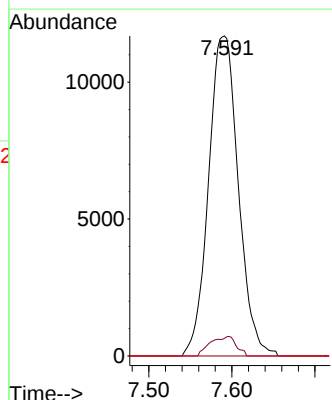
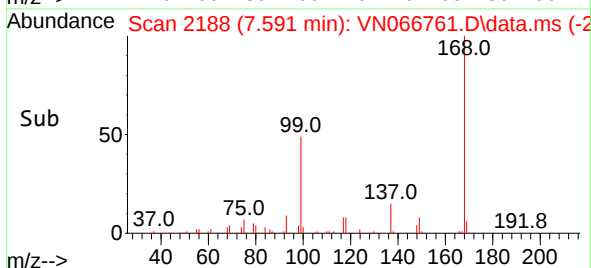
Tgt Ion: 75 Resp: 23316
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.2 54.6#
 77 0.0 24.9 37.3#

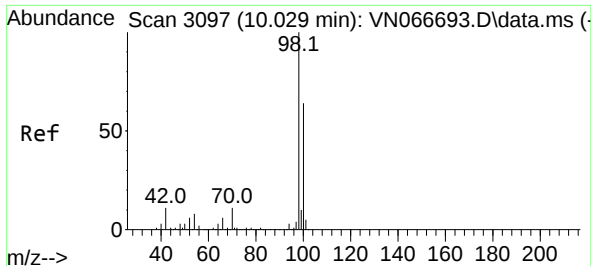


#38
 Carbon Tetrachloride
 Concen: 6.46 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. -0.107 min
 Lab File: VN066761.D
 Acq: 26 Apr 2021 15:10



Tgt Ion: 117 Resp: 29113
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.0 114.0#
 121 0.0 24.5 36.7#

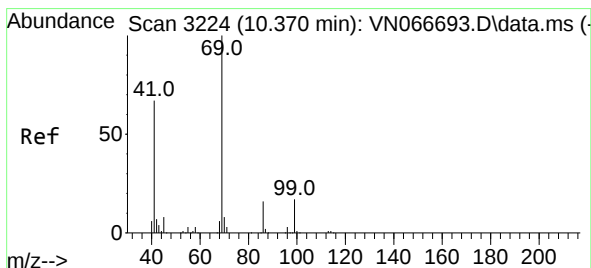
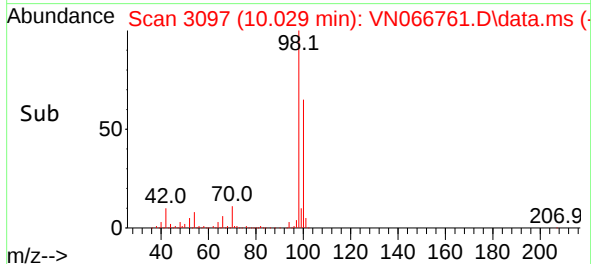
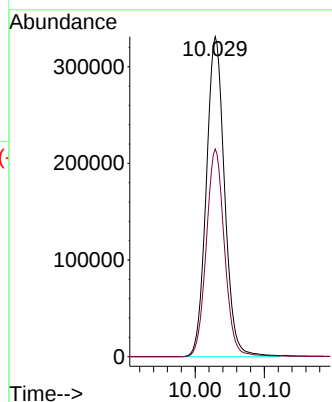
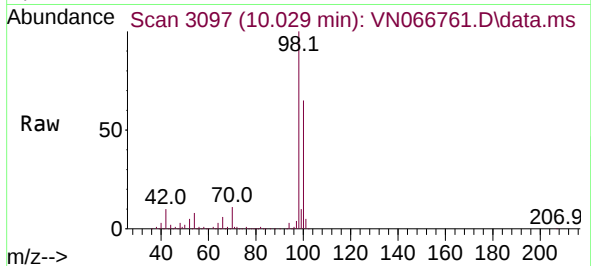




#50
Toluene-d8
Concen: 48.88 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

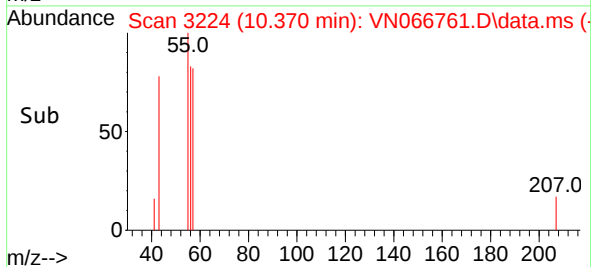
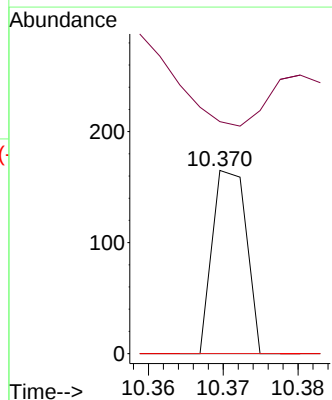
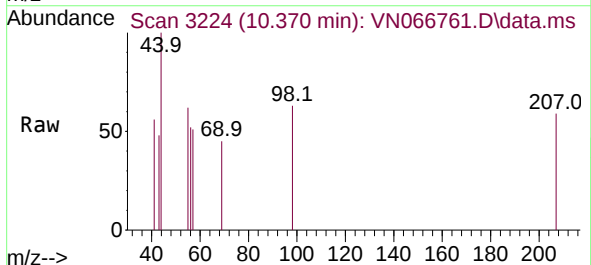
Instrument :
MSVOA_N
ClientSampleId :

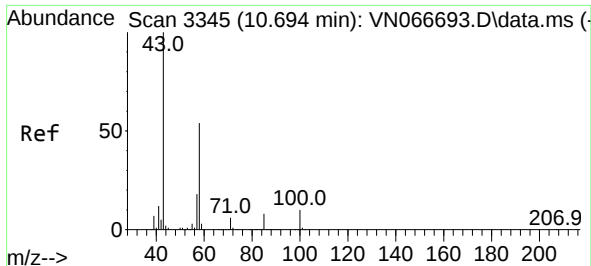
Tgt Ion: 98 Resp: 607435
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#56
Ethyl methacrylate
Concen: 3.16 ug/l
RT: 10.370 min Scan# 3224
Delta R.T. -0.000 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 69 Resp: 52
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

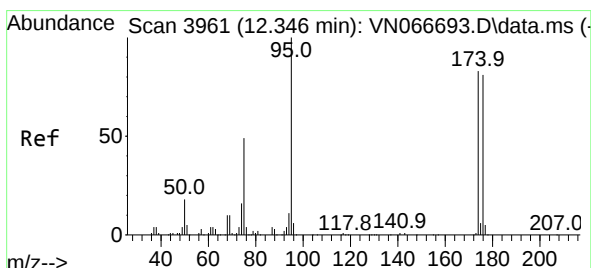
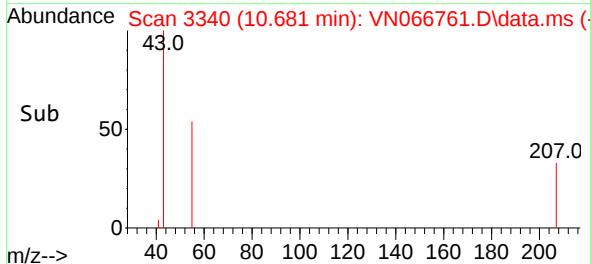
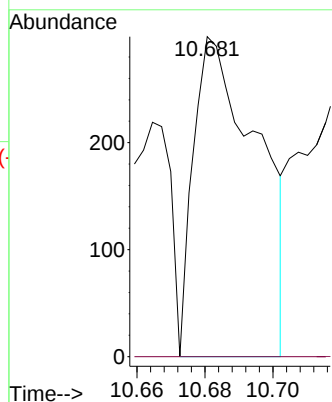
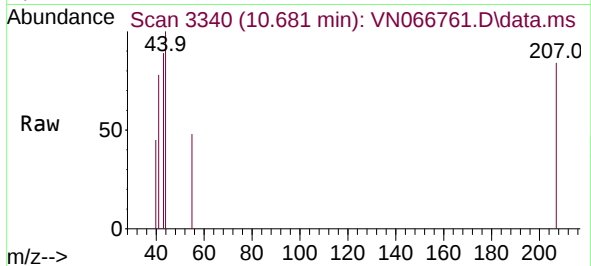




#59
2-Hexanone
Concen: 16.75 ug/l
RT: 10.681 min Scan# 3340
Delta R.T. -0.013 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

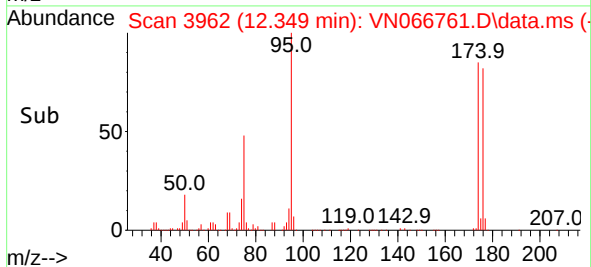
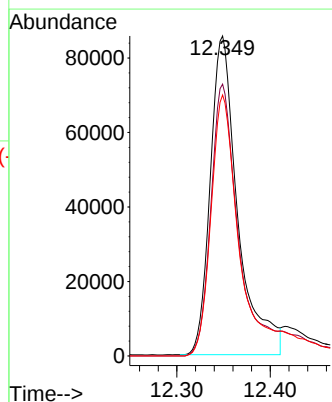
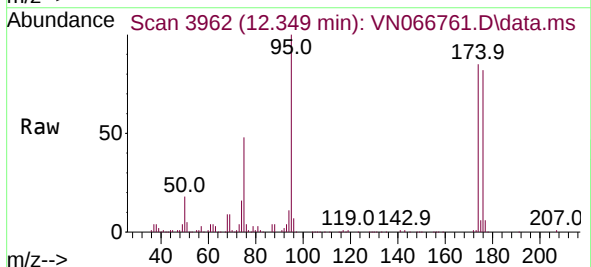
Instrument :
MSVOA_N
ClientSampleId :

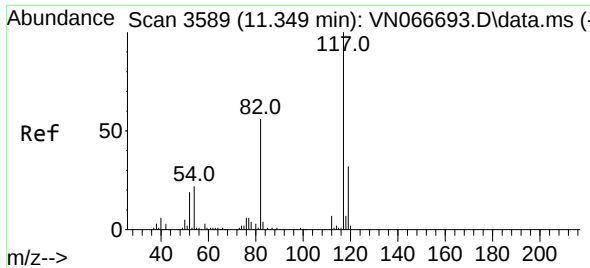
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 41.30 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 95 Resp: 175773
Ion Ratio Lower Upper
95 100
174 94.1 0.0 169.0
176 91.2 0.0 162.4

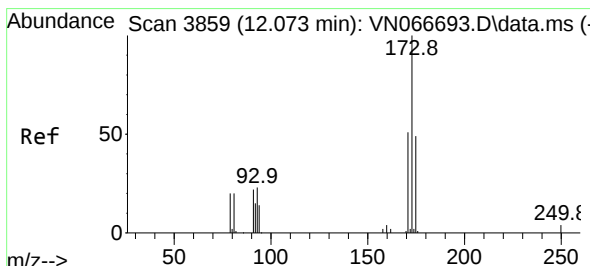
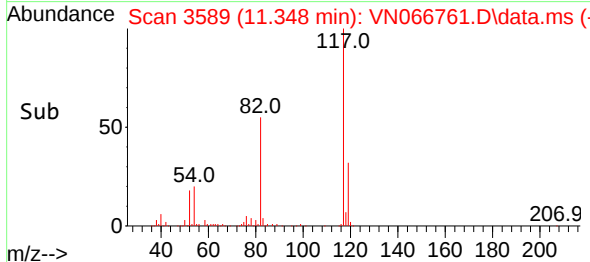
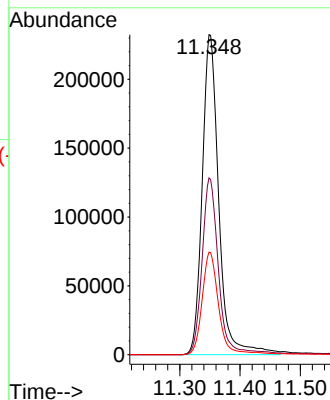
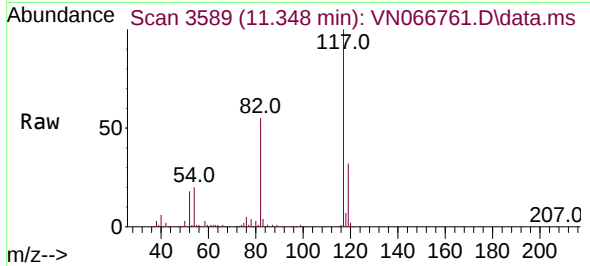




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

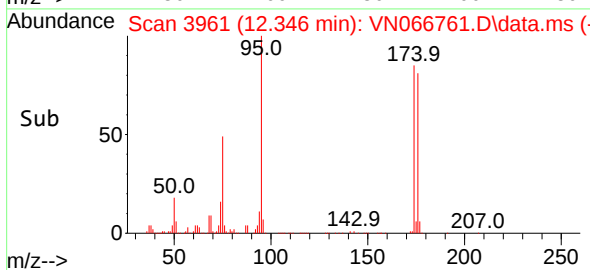
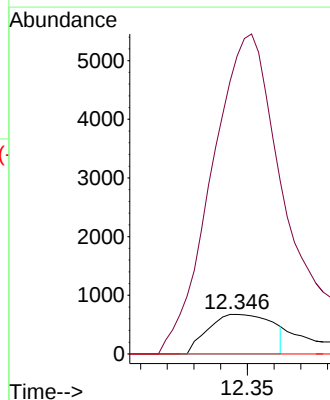
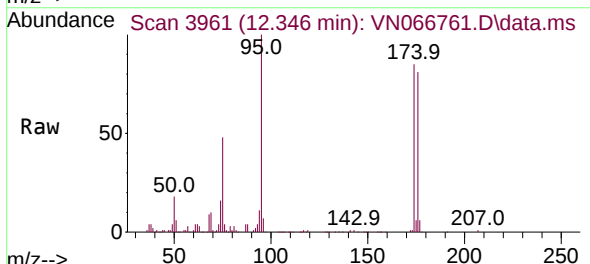
Instrument :
MSVOA_N
ClientSampleId :

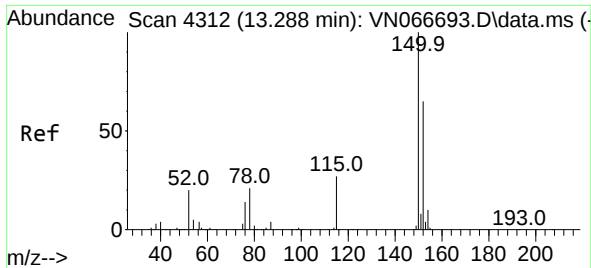
Tgt Ion:117 Resp: 443343
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 32.1 26.1 39.1



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion:173 Resp: 1128
Ion Ratio Lower Upper
173 100
175 757.3 23.8 71.2#
254 0.0 0.0 0.0

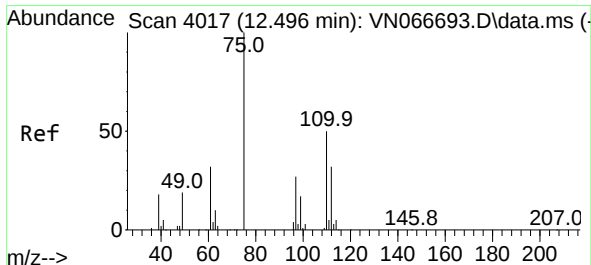
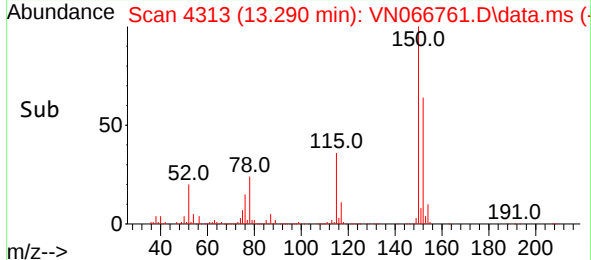
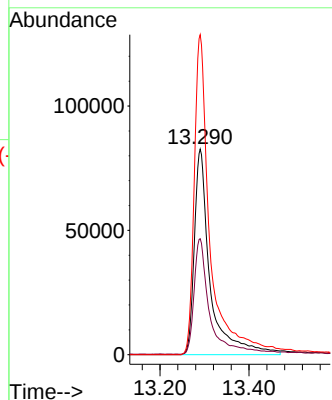
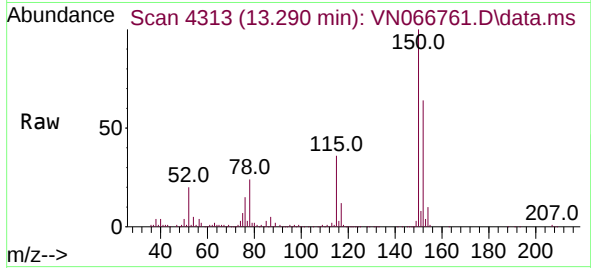




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

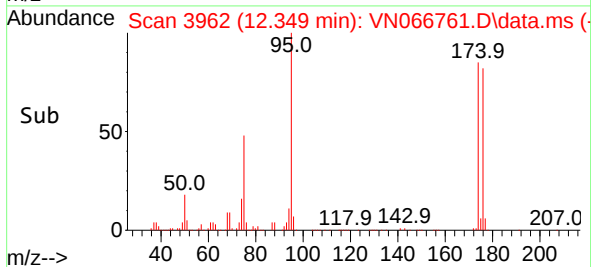
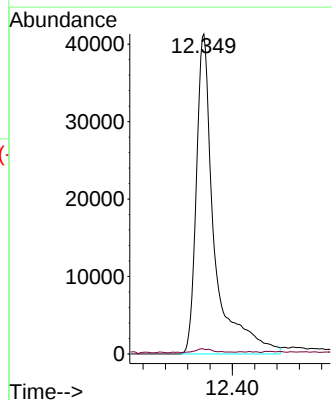
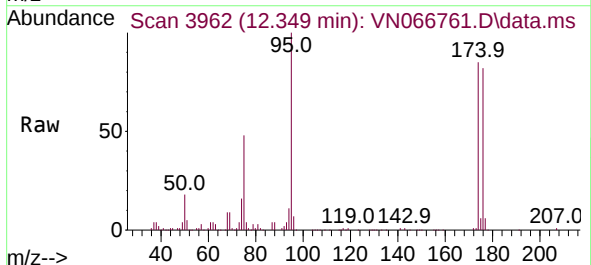
Instrument :
MSVOA_N
ClientSampleId :

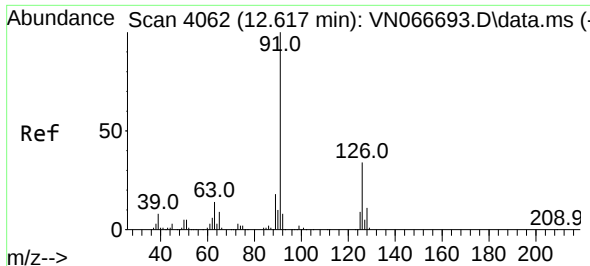
Tgt Ion:152 Resp: 204628
Ion Ratio Lower Upper
152 100
115 55.4 28.5 85.6
150 153.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.18 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 75 Resp: 92724
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#

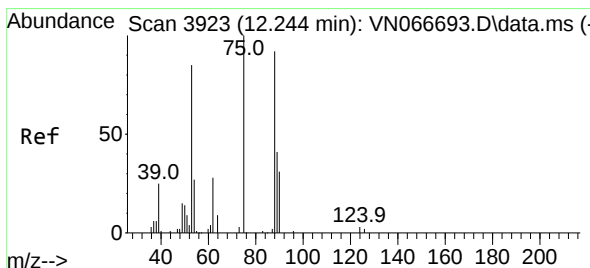
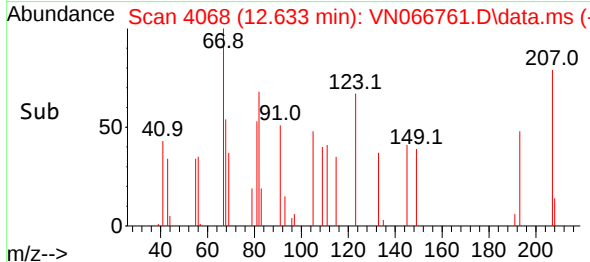
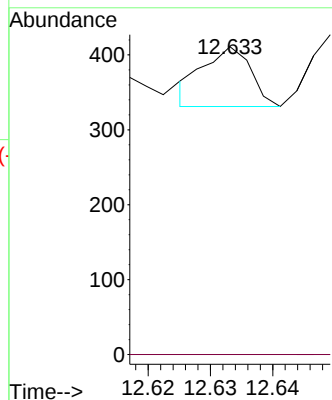
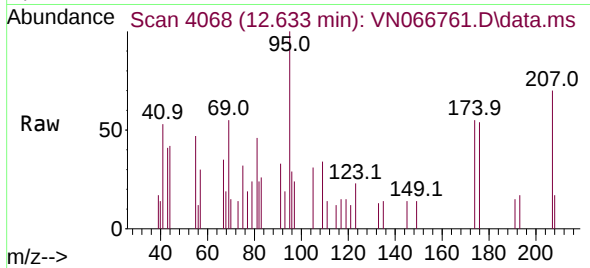




#79
2-Chlorotoluene
Concen: 0.94 ug/l
RT: 12.633 min Scan# 4068
Delta R.T. 0.016 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

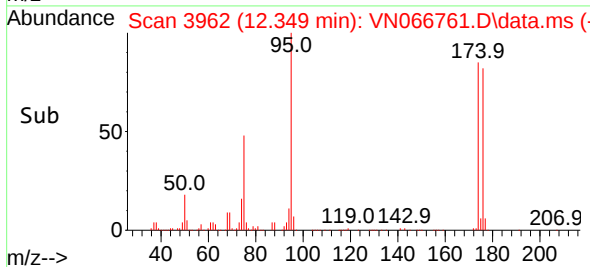
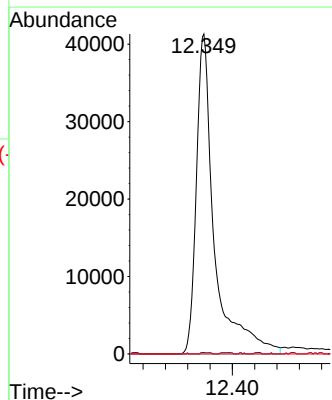
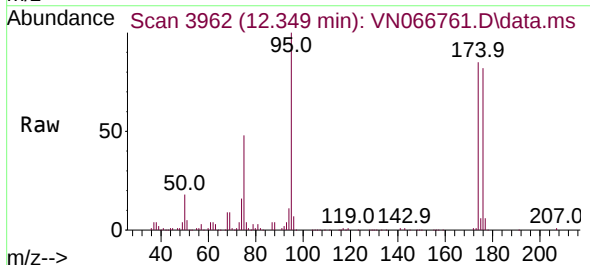
Instrument :
MSVOA_N
ClientSampleId :

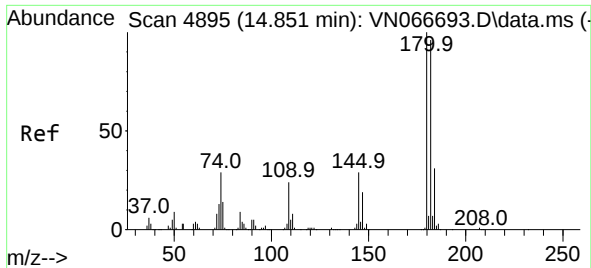
Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.21 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

Tgt Ion: 75 Resp: 92724
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#

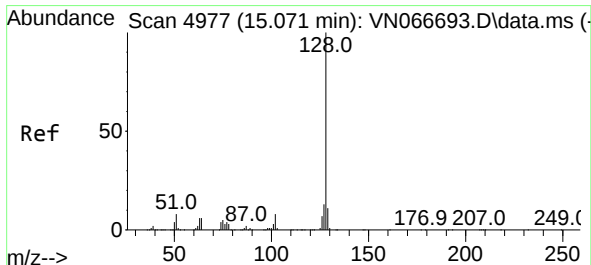
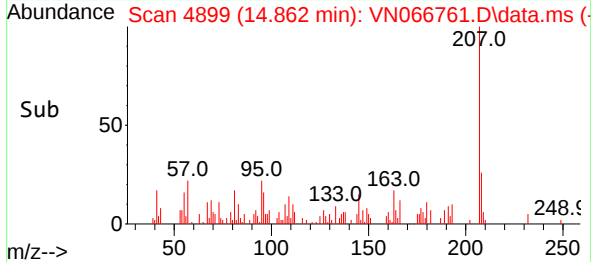
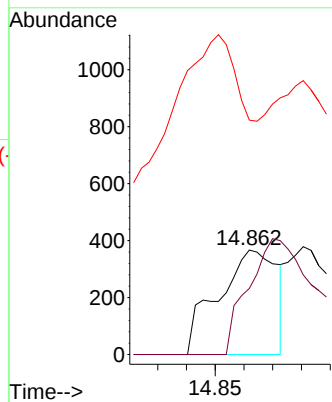
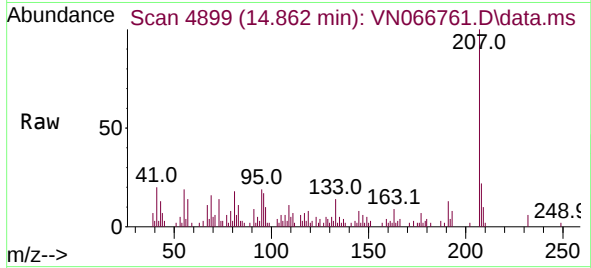




#93
1,2,4-Trichlorobenzene
Concen: 2.13 ug/l
RT: 14.862 min Scan# 4899
Delta R.T. 0.011 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

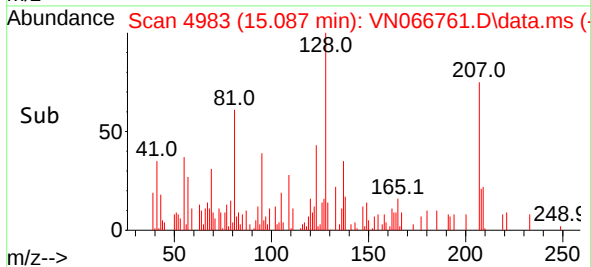
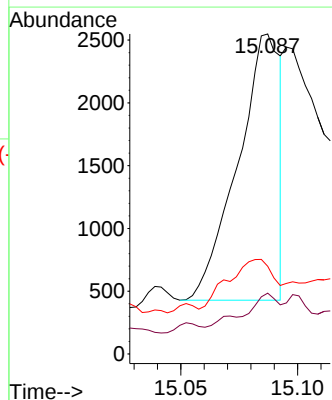
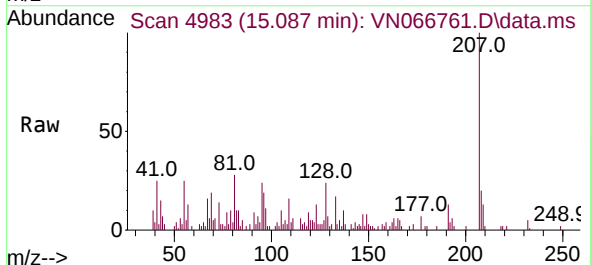
Instrument :
MSVOA_N
ClientSampled :

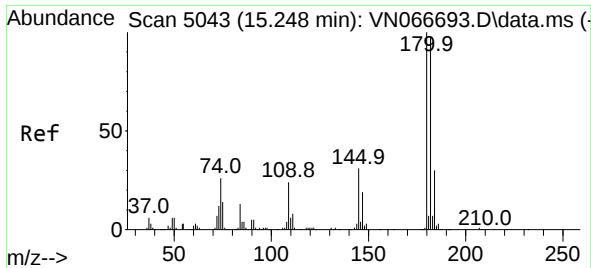
Tgt Ion:180 Resp: 524
Ion Ratio Lower Upper
180 100
182 119.8 47.3 142.0
145 338.7 15.6 46.8#



#95
Naphthalene
Concen: 2.12 ug/l
RT: 15.087 min Scan# 4983
Delta R.T. 0.016 min
Lab File: VN066761.D
Acq: 26 Apr 2021 15:10

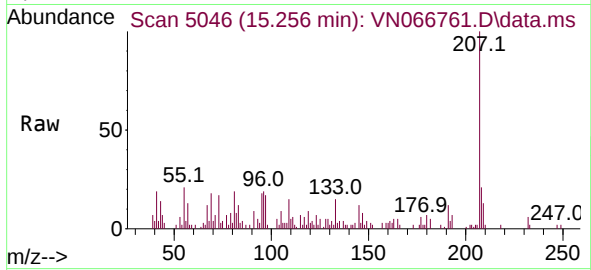
Tgt Ion:128 Resp: 2660
Ion Ratio Lower Upper
128 100
127 9.7 10.2 15.2#
129 21.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.47 ug/l
 RT: 15.256 min Scan# 5046
 Delta R.T. 0.008 min
 Lab File: VN066761.D
 Acq: 26 Apr 2021 15:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 432
 Ion Ratio Lower Upper
 180 100
 182 313.0 47.4 142.3#
 145 319.4 16.5 49.5#

