

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066477.D
 Acq On : 2 Apr 2021 19:02
 Operator : JC/MD
 Sample : M1910-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-SB-17

Quant Time: Apr 03 03:25:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

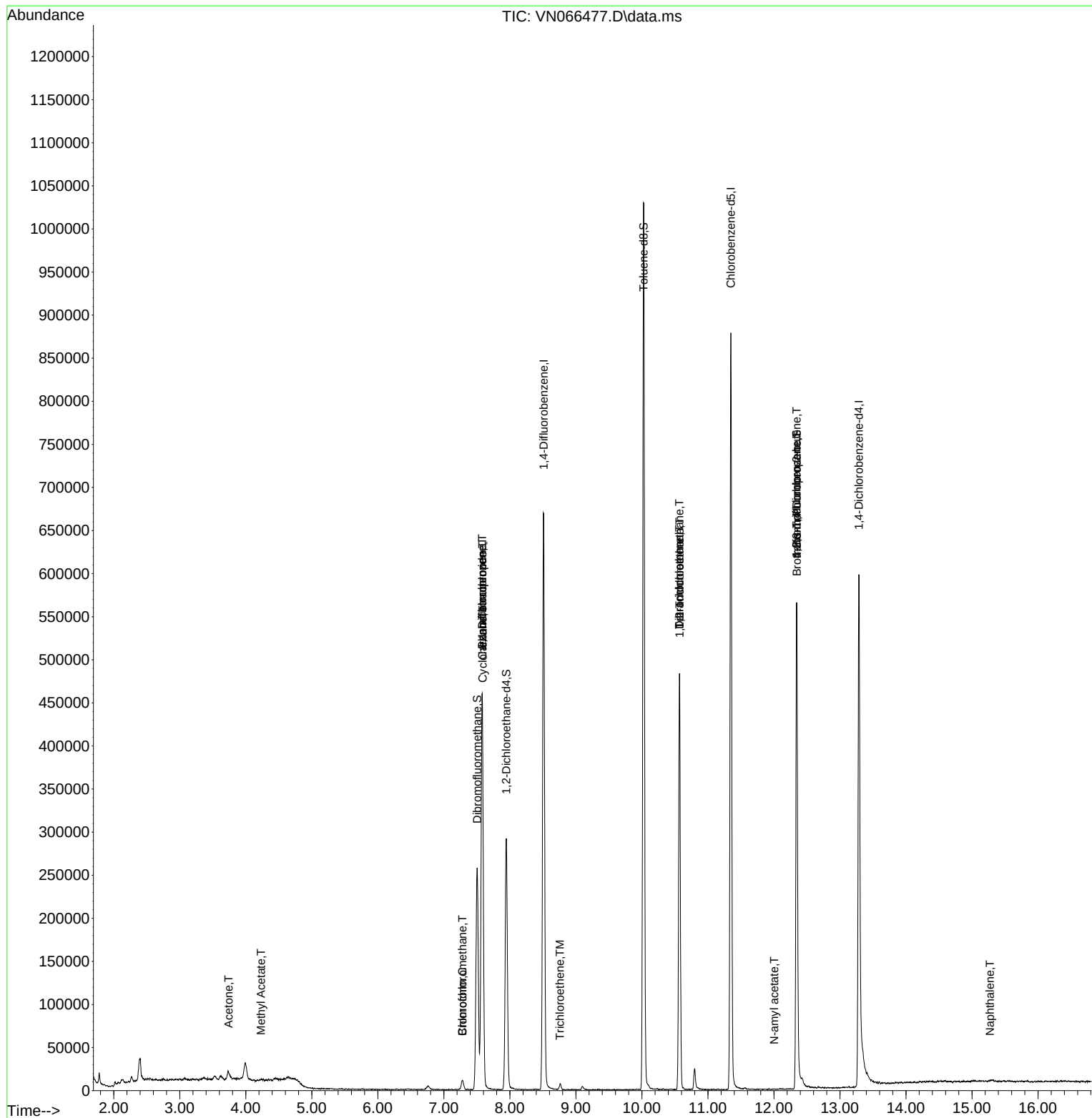
Internal Standards						
1) Pentafluorobenzene	7.582	168	387566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	583488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	513260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	213086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	241546	46.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.76%		
35) Dibromofluoromethane	7.504	113	195683	50.59	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.18%		
50) Toluene-d8	10.025	98	701482	47.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.62%		
62) 4-Bromofluorobenzene	12.345	95	198173	38.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	77.78%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.019	50	2503	Below Cal	#	86
13) Acrolein	3.529	56	4172	Below Cal	#	49
16) Acetone	3.738	43	12759	4.58	ug/l	92
18) Methyl Acetate	4.232	43	1900	0.26	ug/l #	76
20) Methylene Chloride	4.446	84	1451	Below Cal	#	87
28) Bromochloromethane	7.281	49	822	0.22	ug/l #	13
30) Chloroform	7.281	83	11595	1.53	ug/l	98
31) Cyclohexane	7.587	56	7740	1.09	ug/l #	22
36) 1,1-Dichloropropene	7.582	75	28079	5.12	ug/l #	49
38) Carbon Tetrachloride	7.584	117	34628	6.28	ug/l #	16
44) Trichloroethene	8.759	130	2525	0.58	ug/l	87
55) 1,1,2-Trichloroethane	10.572	97	990	0.24	ug/l #	17
60) Dibromochloromethane	10.569	129	98471	21.70	ug/l #	11
64) Tetrachloroethene	10.569	164	113242	25.92	ug/l	97
71) Bromoform	12.348	173	2158	0.66	ug/l #	1
74) N-amyl acetate	12.004	43	51	3.20	ug/l #	45
76) 1,2,3-Trichloropropane	12.345	75	97357	20.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	97357	62.62	ug/l #	12
95) Naphthalene	15.274	128	212	1.06	ug/l #	69

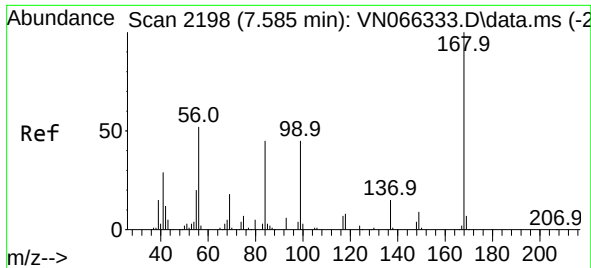
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
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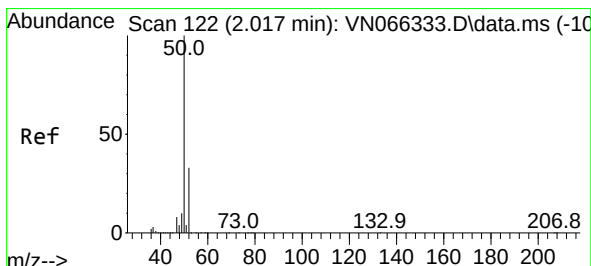
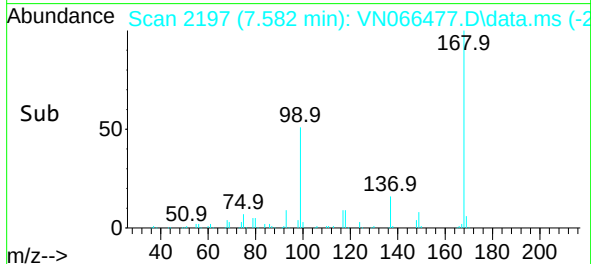
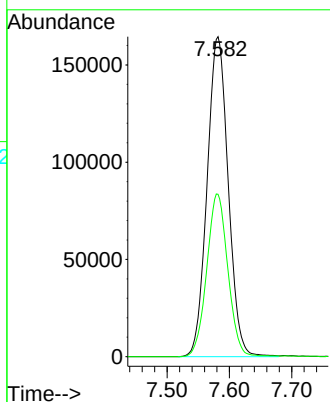
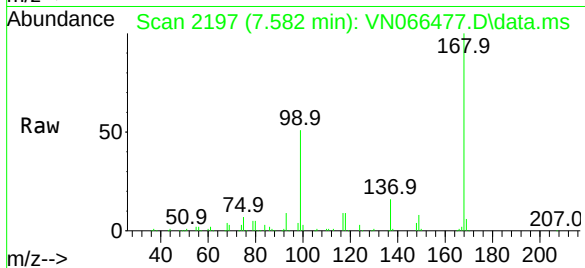




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

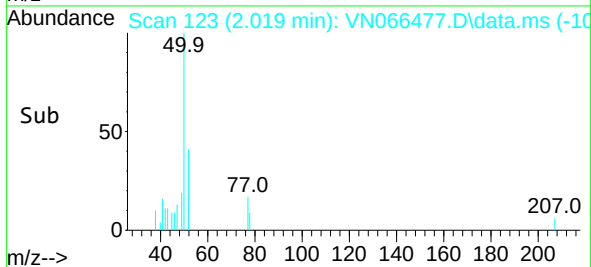
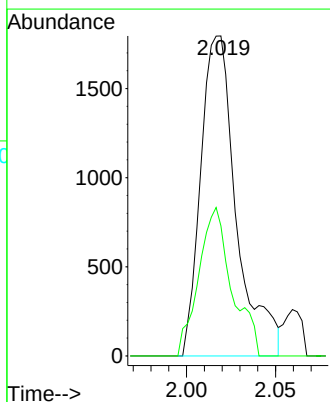
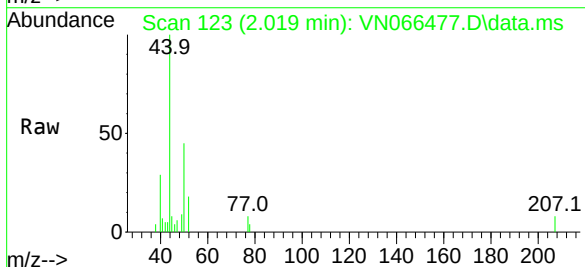
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

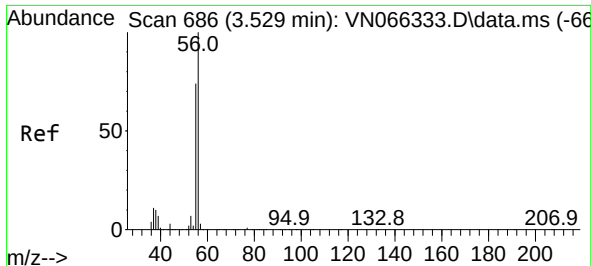
Tgt Ion:168 Resp: 387566
Ion Ratio Lower Upper
168 100
99 50.8 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.019 min Scan# 123
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 50 Resp: 2503
Ion Ratio Lower Upper
50 100
52 40.7 26.2 39.2#

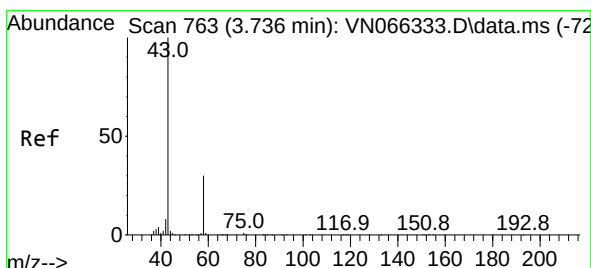
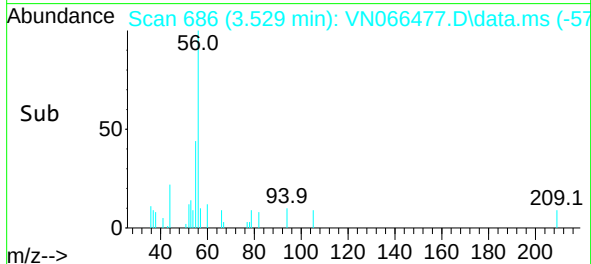
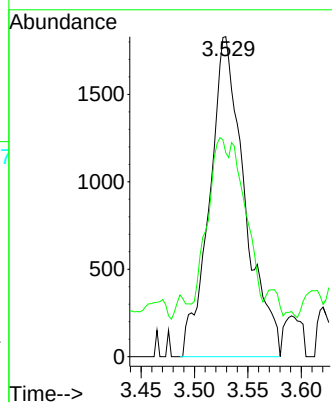
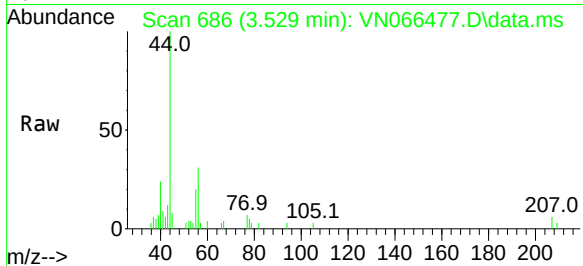




#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

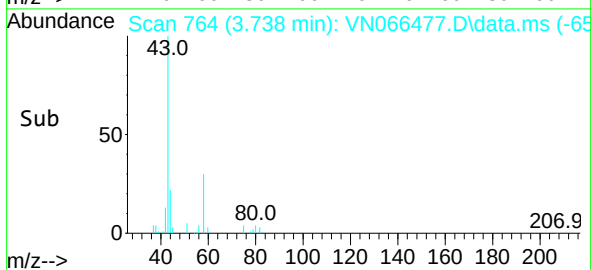
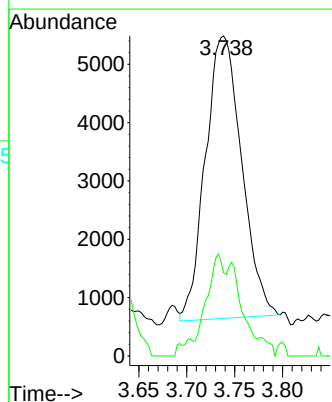
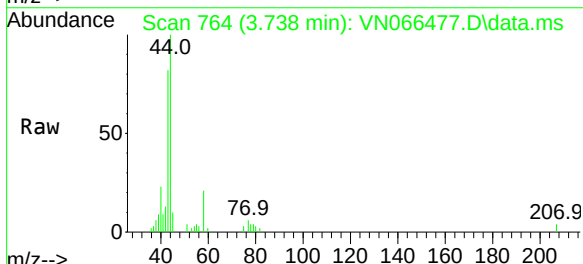
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

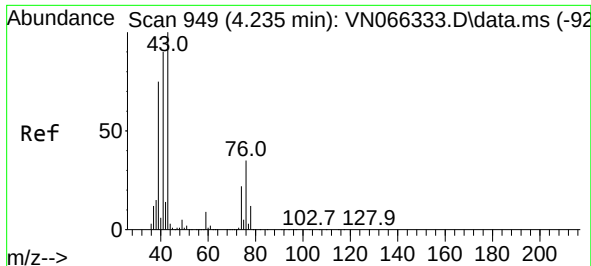
Tgt Ion: 56 Resp: 4172
Ion Ratio Lower Upper
56 100
55 29.7 57.9 86.9#



#16
Acetone
Concen: 4.58 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 43 Resp: 12759
Ion Ratio Lower Upper
43 100
58 25.4 23.8 35.8

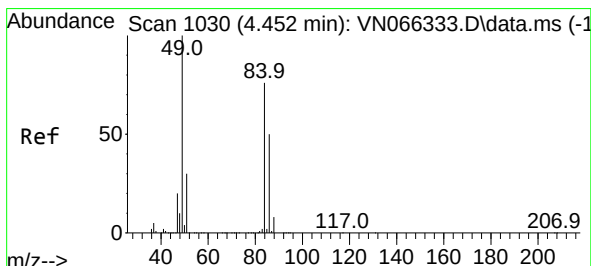
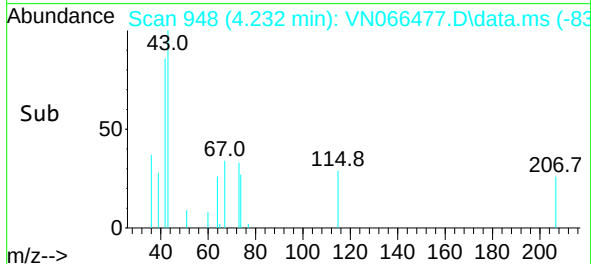
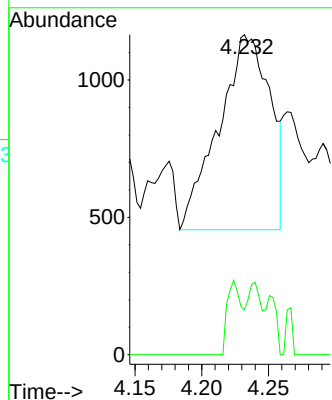
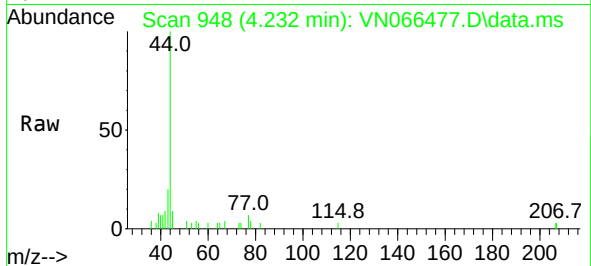




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 4.232 min Scan# 948
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

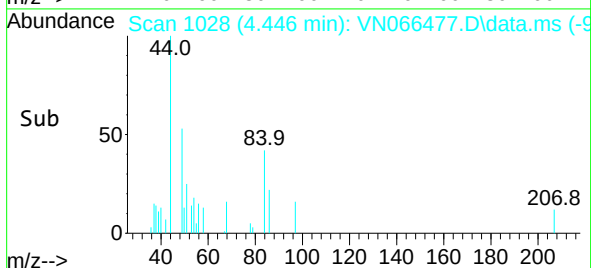
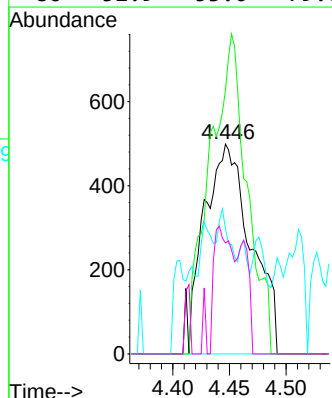
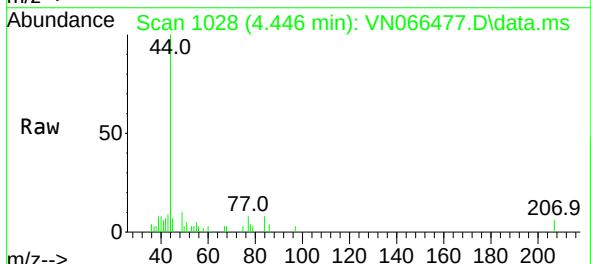
Instrument :
MSVOA_N
ClientSampled :
FS-SB-17

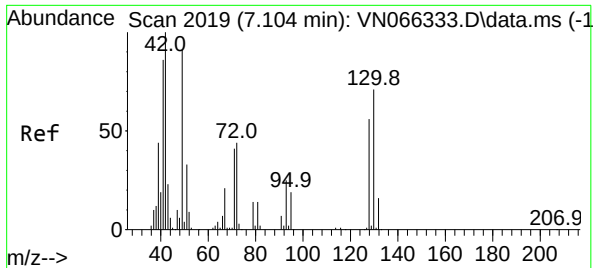
Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
74 10.6 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.446 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 84 Resp: 1451
Ion Ratio Lower Upper
84 100
49 125.9 105.0 157.6
51 17.4 31.6 47.4#
86 52.9 53.0 79.6#

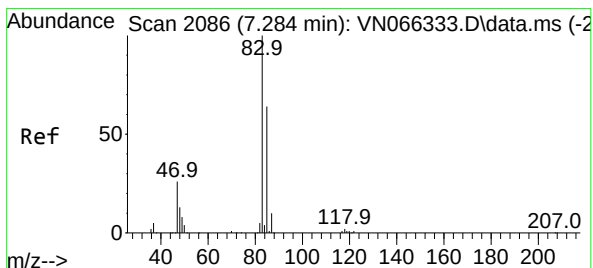
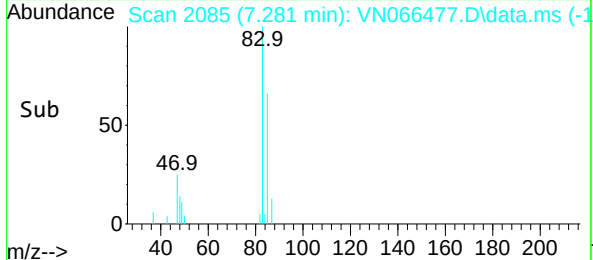
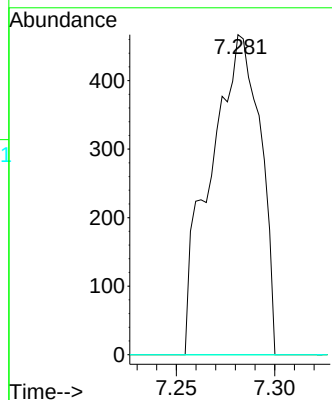
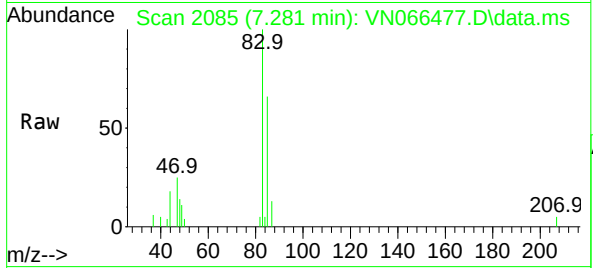




#28
Bromochloromethane
Concen: 0.22 ug/l
RT: 7.281 min Scan# 2085
Delta R.T. 0.182 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

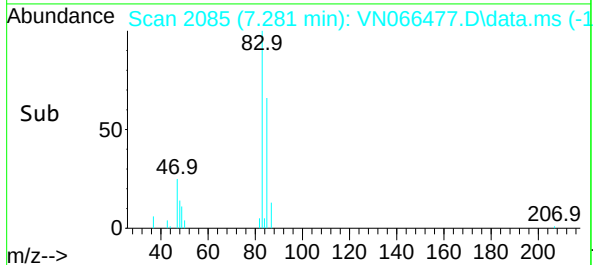
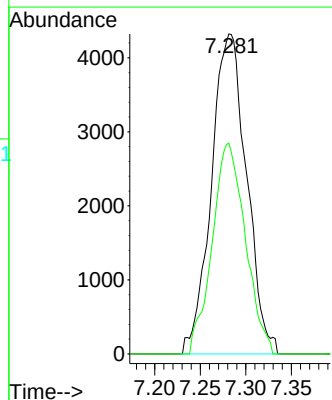
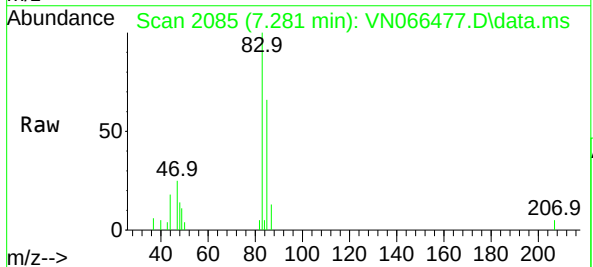
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

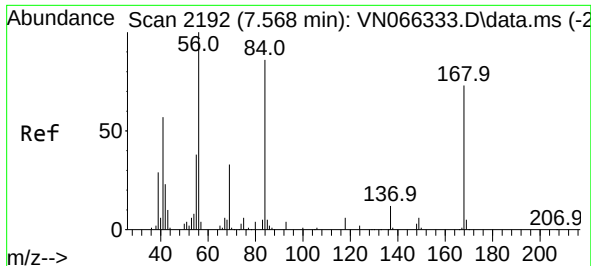
Tgt Ion: 49 Resp: 822
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.6 92.4#



#30
Chloroform
Concen: 1.53 ug/l
RT: 7.281 min Scan# 2085
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

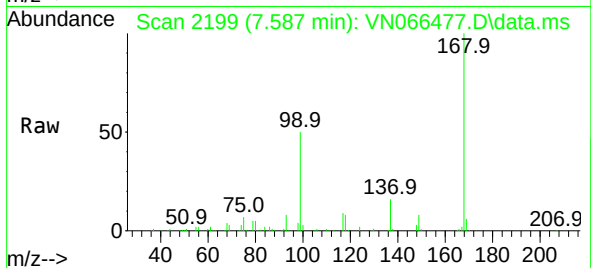
Tgt Ion: 83 Resp: 11595
Ion Ratio Lower Upper
83 100
85 65.9 51.3 76.9



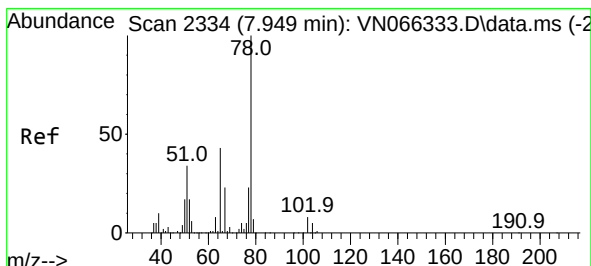
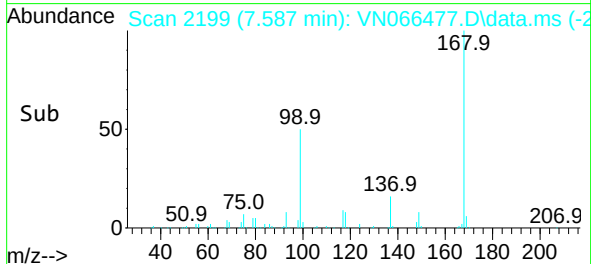
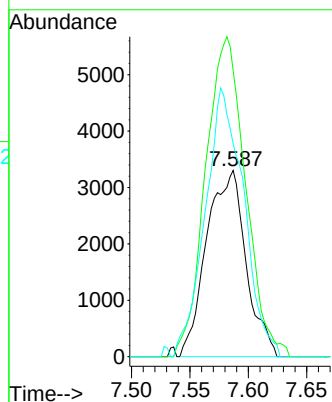


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.021 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

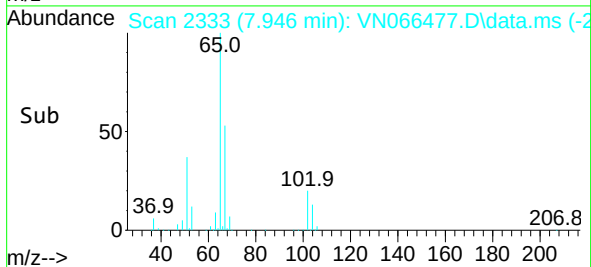
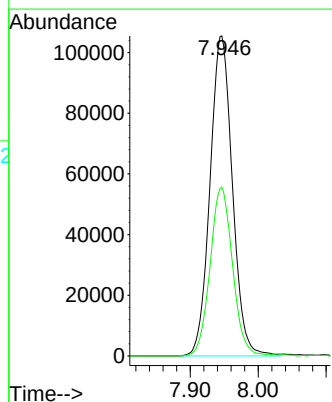
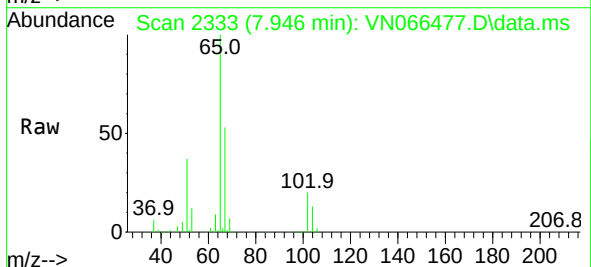


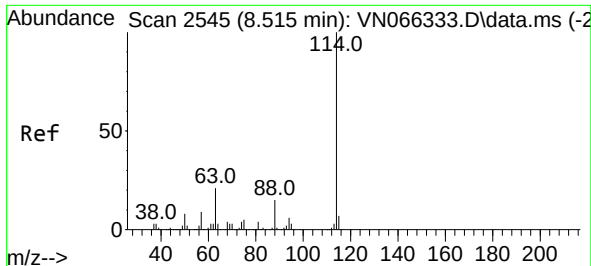
Tgt Ion: 56 Resp: 7740
Ion Ratio Lower Upper
56 100
69 146.5 26.6 40.0#
84 114.4 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 46.88 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 65 Resp: 241546
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

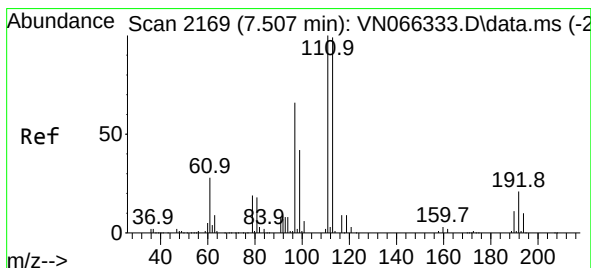
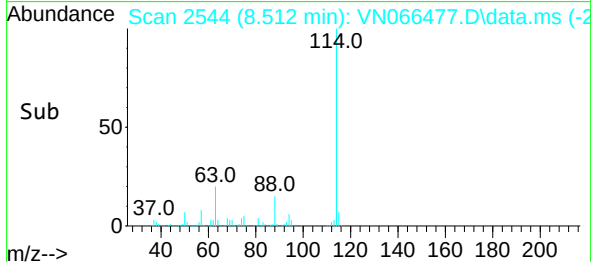
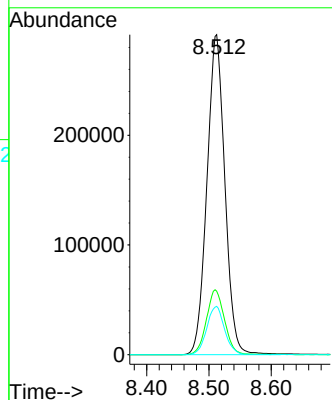
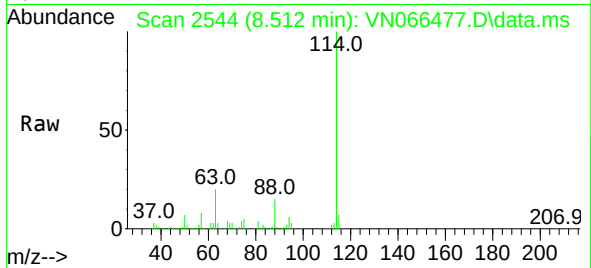




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

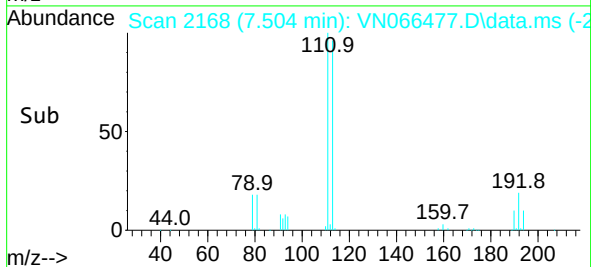
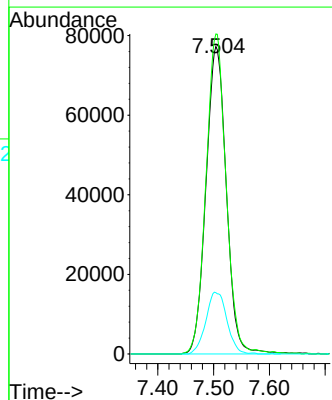
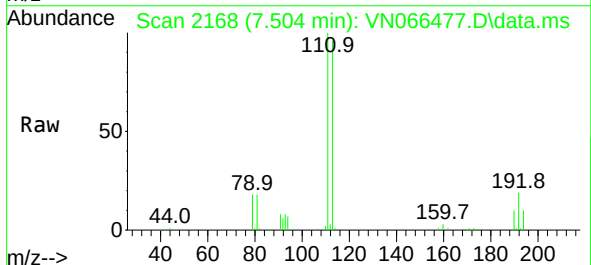
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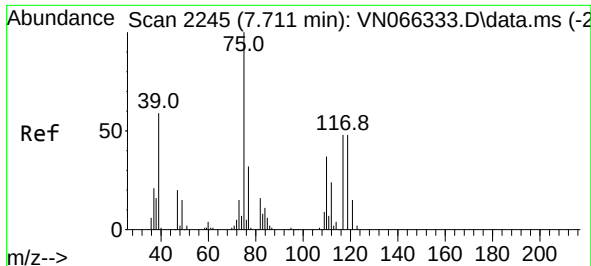
Tgt Ion:114 Resp: 583488
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.0
88 15.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion:113 Resp: 195683
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.7 17.1 25.7

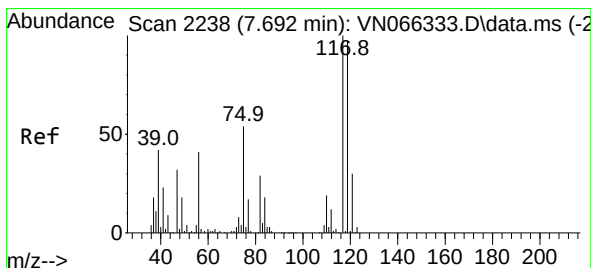
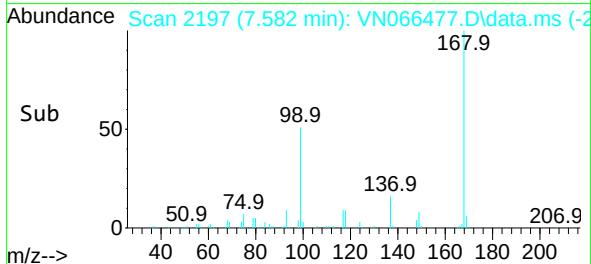
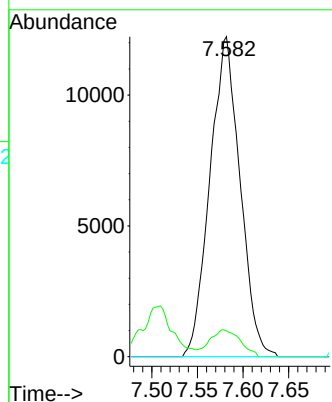
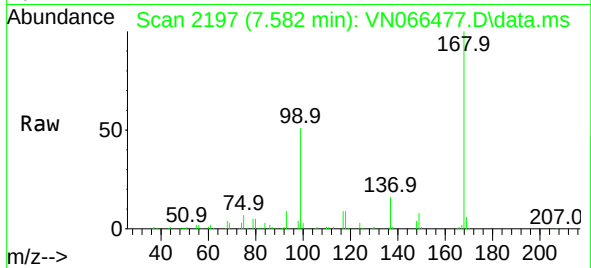




#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.124 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

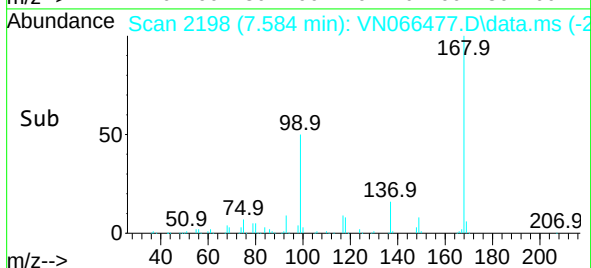
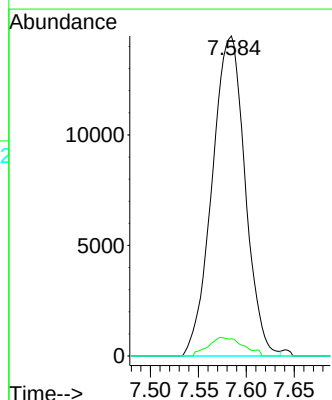
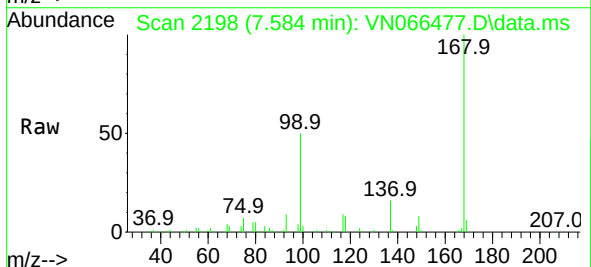
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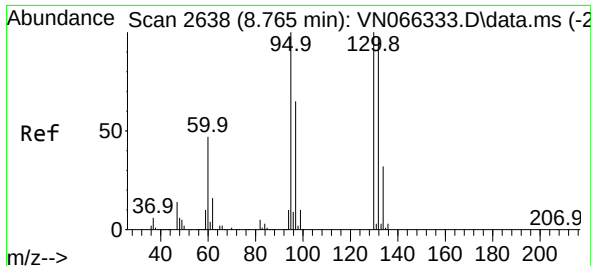
Tgt Ion: 75 Resp: 28079
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.099 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 117 Resp: 34628
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.2 36.4#

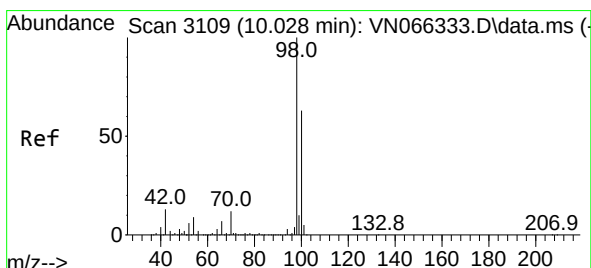
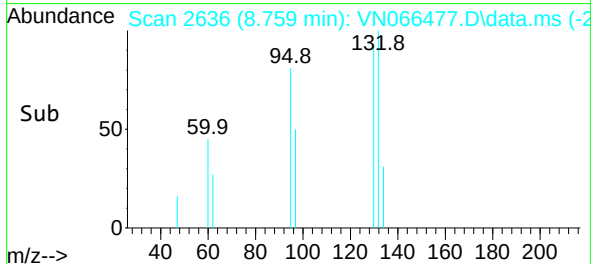
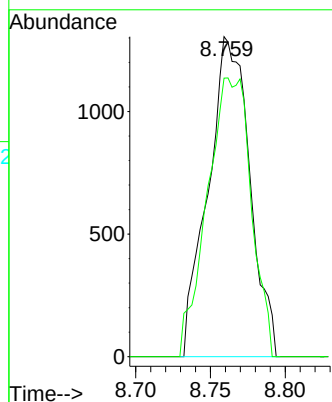
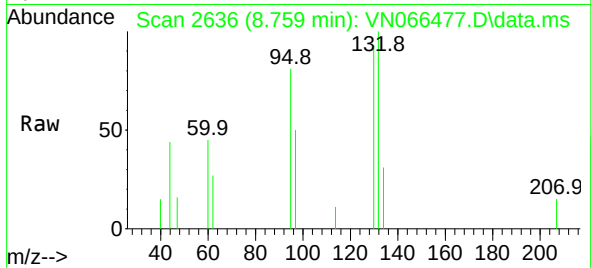




#44
Trichloroethene
Concen: 0.58 ug/l
RT: 8.759 min Scan# 2636
Delta R.T. -0.003 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

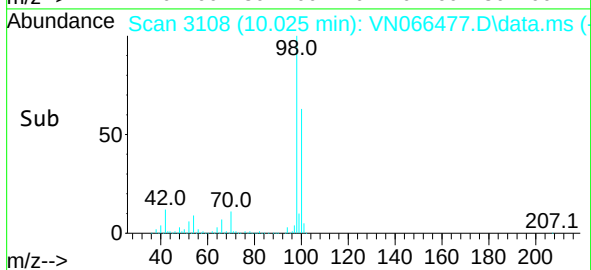
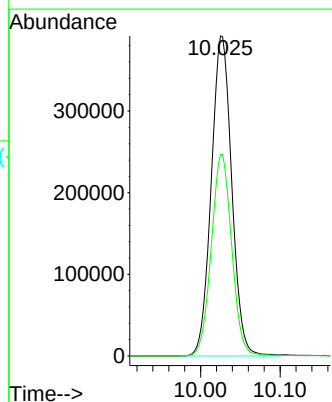
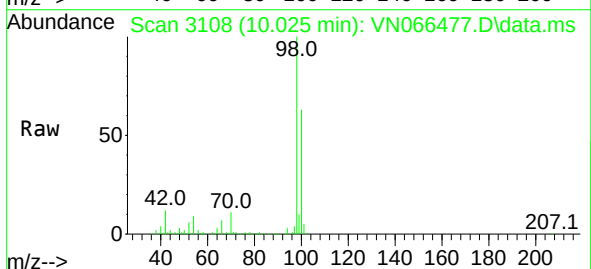
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

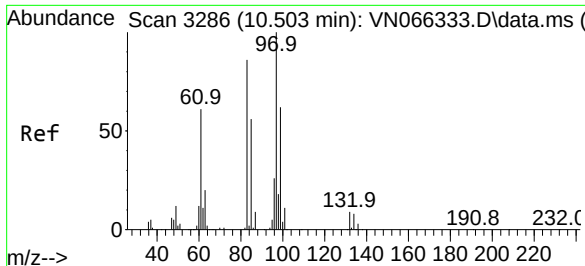
Tgt Ion:130 Resp: 2525
Ion Ratio Lower Upper
130 100
95 87.0 0.0 200.6



#50
Toluene-d8
Concen: 47.81 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

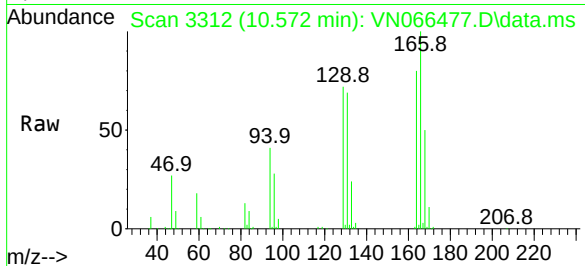
Tgt Ion: 98 Resp: 701482
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



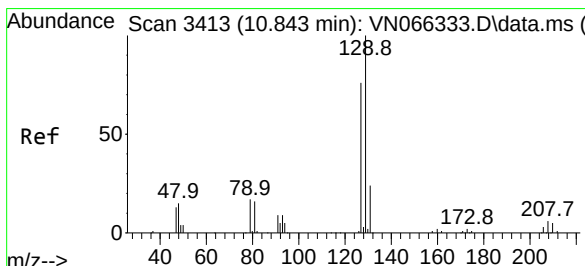
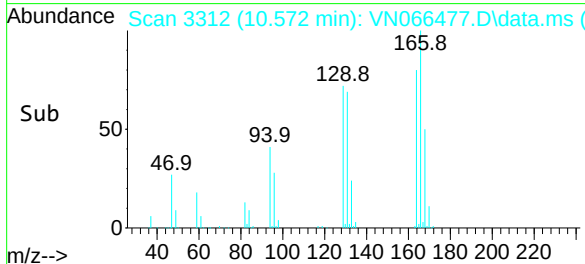
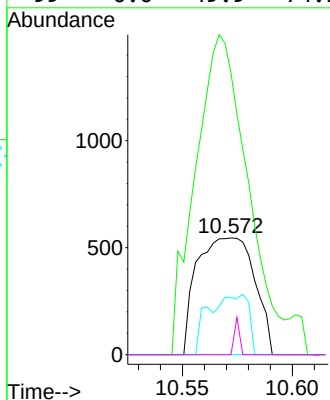


#55
1,1,2-Trichloroethane
Concen: 0.24 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.072 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

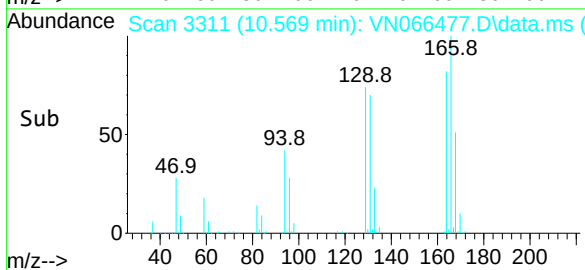
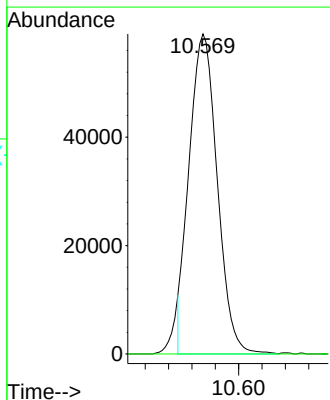
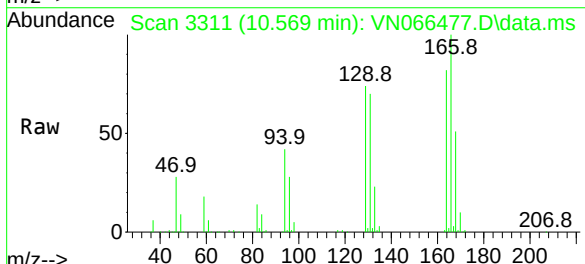


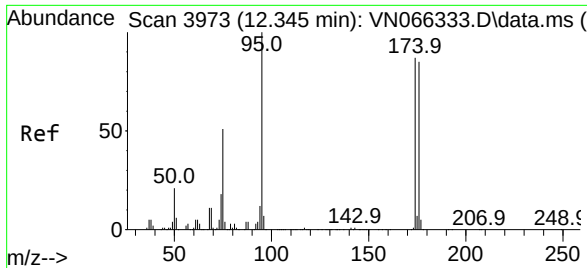
Tgt Ion: 97 Resp: 990
Ion Ratio Lower Upper
97 100
83 208.3 68.9 103.3#
85 48.6 45.1 67.7
99 0.0 49.9 74.9#



#60
Dibromochloromethane
Concen: 21.70 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.271 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion:129 Resp: 98471
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

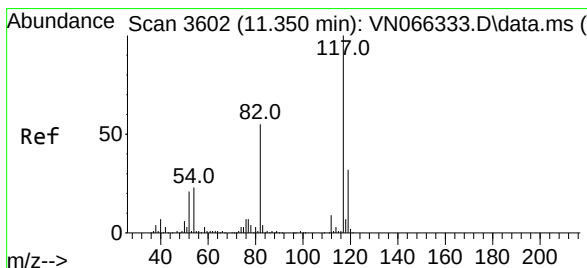
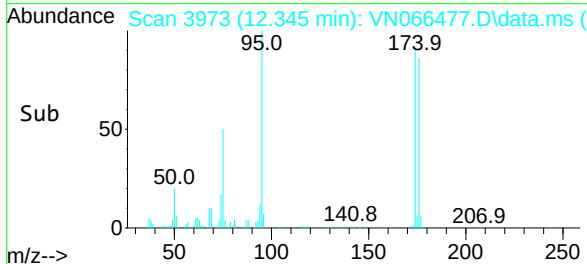
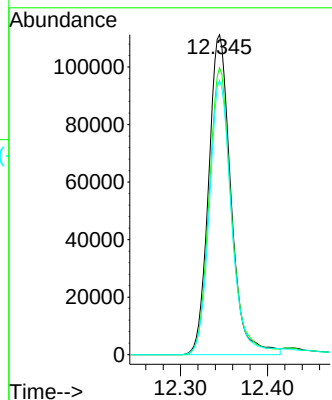
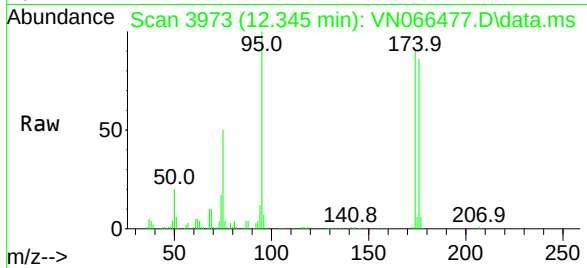




#62
4-Bromofluorobenzene
Concen: 38.89 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

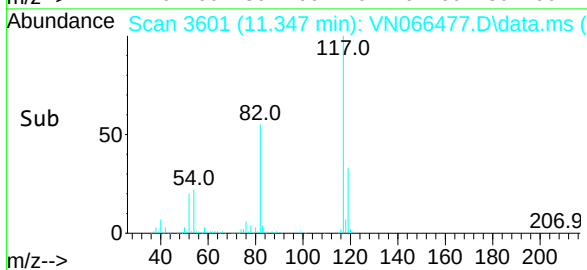
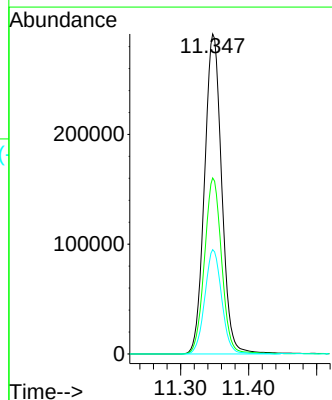
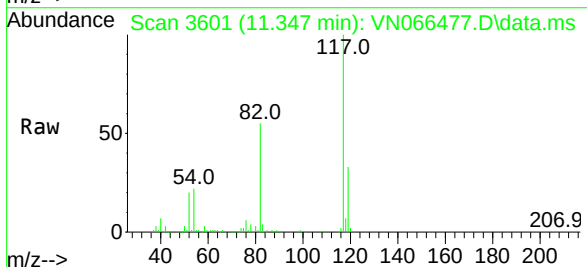
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

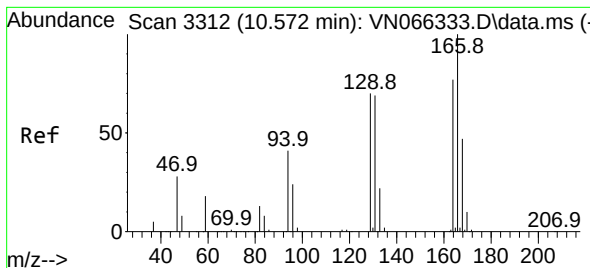
Tgt Ion: 95 Resp: 198173
Ion Ratio Lower Upper
95 100
174 89.8 0.0 172.2
176 84.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 117 Resp: 513260
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 32.6 25.8 38.6





#64

Tetrachloroethene

Concen: 25.92 ug/l

RT: 10.569 min Scan# 3311

Delta R.T. -0.000 min

Lab File: VN066477.D

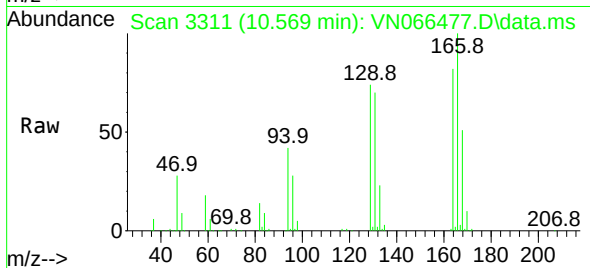
Acq: 2 Apr 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:164 Resp: 113242

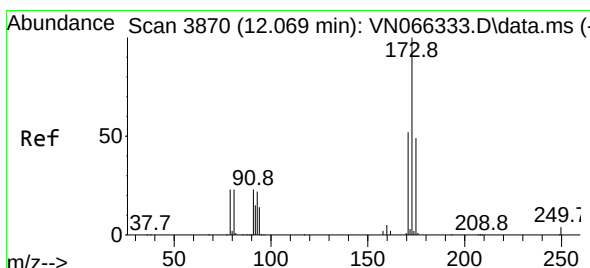
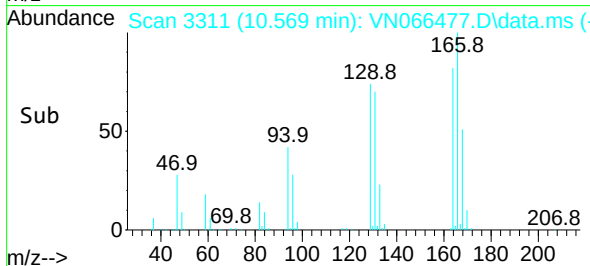
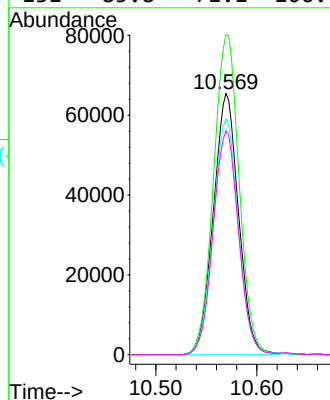
Ion Ratio Lower Upper

164 100

166 122.6 103.3 154.9

129 90.3 72.5 108.7

131 85.8 71.1 106.7



#71

Bromoform

Concen: 0.66 ug/l

RT: 12.348 min Scan# 3974

Delta R.T. 0.279 min

Lab File: VN066477.D

Acq: 2 Apr 2021 19:02

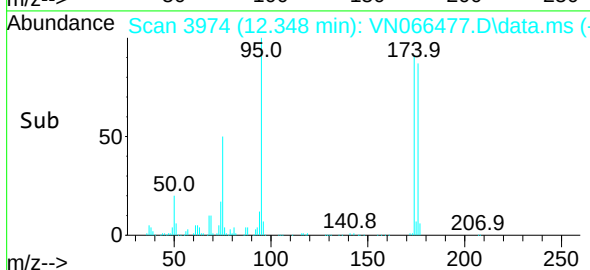
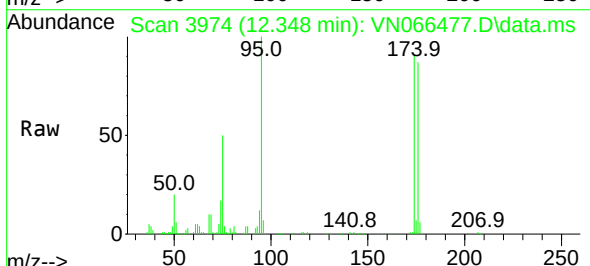
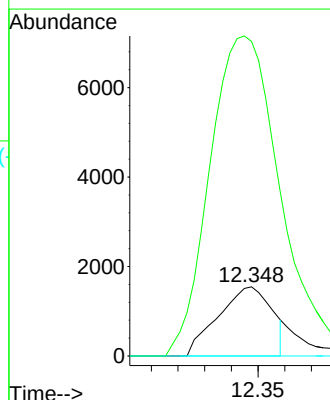
Tgt Ion:173 Resp: 2158

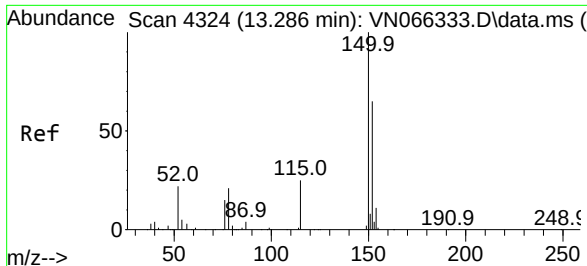
Ion Ratio Lower Upper

173 100

175 525.9 24.3 72.8#

254 0.0 0.0 0.0

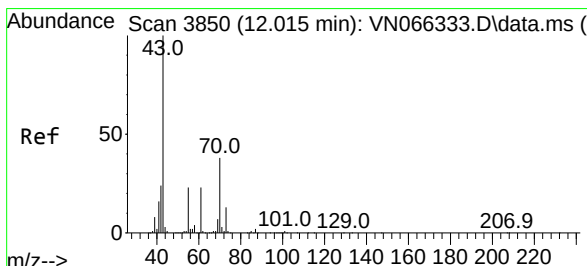
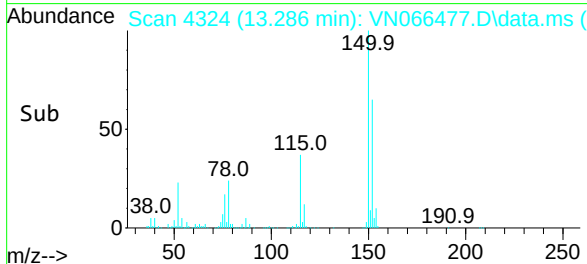
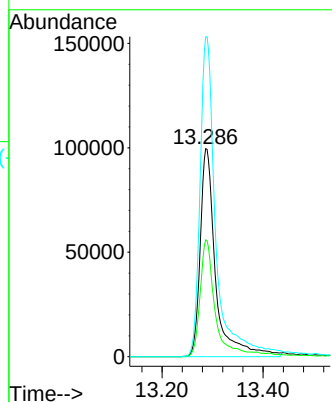
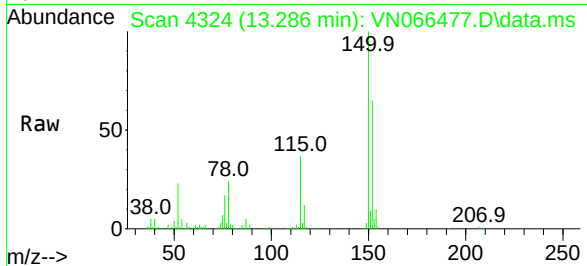




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.002 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

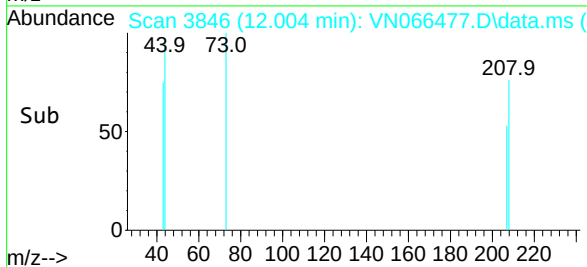
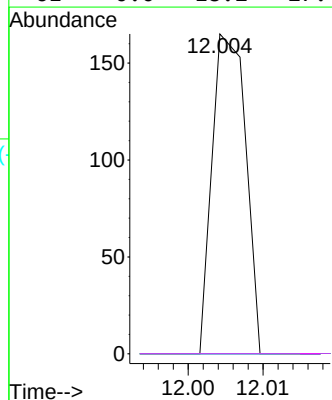
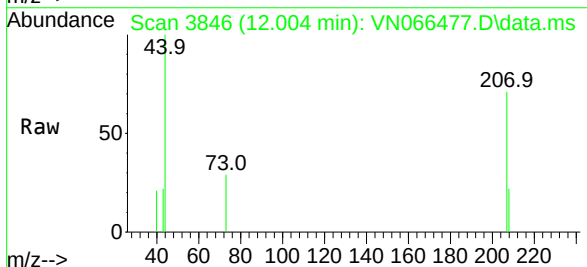
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

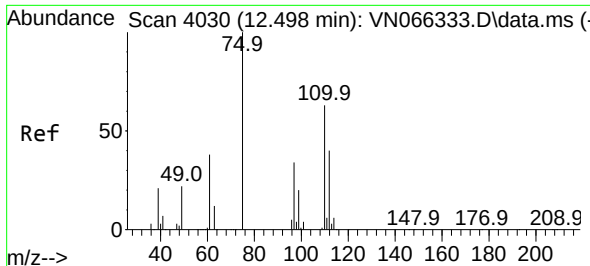
Tgt Ion:152 Resp: 213086
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.4
150 157.0 0.0 348.4



#74
N-ethyl acetate
Concen: 3.20 ug/l
RT: 12.004 min Scan# 3846
Delta R.T. -0.011 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

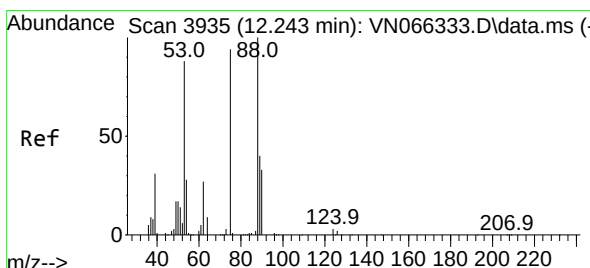
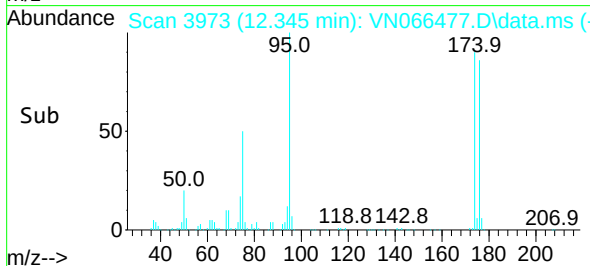
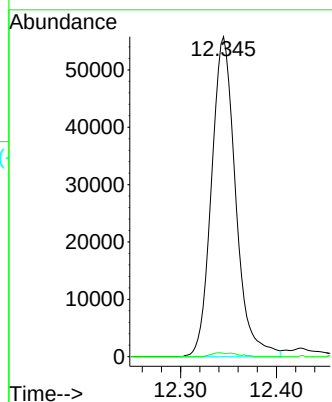
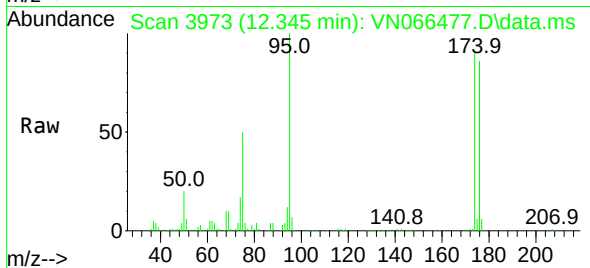




#76
1,2,3-Trichloropropane
Concen: 20.82 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

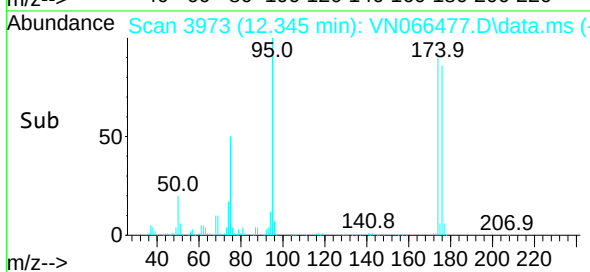
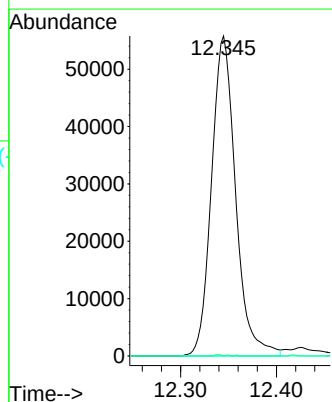
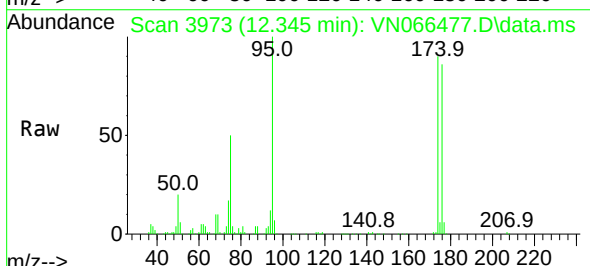
Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

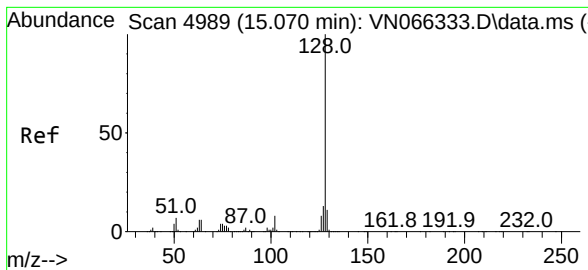
Tgt Ion: 75 Resp: 97357
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.62 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Tgt Ion: 75 Resp: 97357
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 1.06 ug/l
RT: 15.274 min Scan# 5065
Delta R.T. 0.013 min
Lab File: VN066477.D
Acq: 2 Apr 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :
FS-SB-17

Tgt Ion:128 Resp: 212
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

