

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065877.D
 Acq On : 16 Feb 2021 16:59
 Operator : JC/MD
 Sample : M1413-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-021121

Quant Time: Feb 16 17:24:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	166805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	281359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	248858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	90317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	91517	41.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.40%
35) Dibromofluoromethane	7.547	113	80038	48.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.00%
50) Toluene-d8	10.058	98	347059	52.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.90%
62) 4-Bromofluorobenzene	12.373	95	111758	47.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.70%

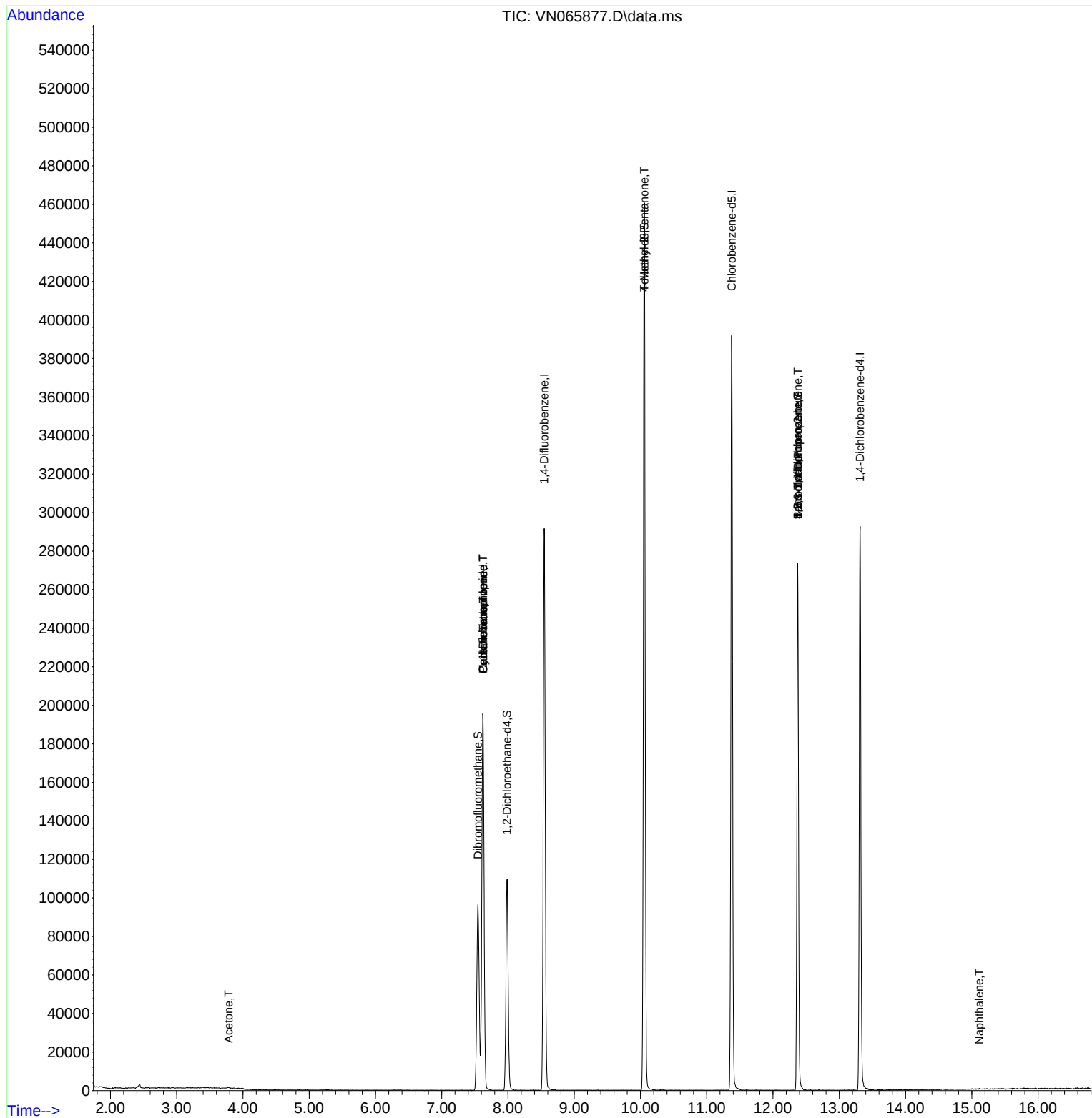
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.782	43	701	0.82	ug/l #	41
31) Cyclohexane	7.624	56	2781	0.67	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	12417	4.39	ug/l #	45
38) Carbon Tetrachloride	7.624	117	15491	6.65	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1061	0.40	ug/l #	1
71) Bromoform	12.373	173	538	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	49895	21.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	49895	54.11	ug/l #	12
95) Naphthalene	15.112	128	132	3.47	ug/l #	69

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

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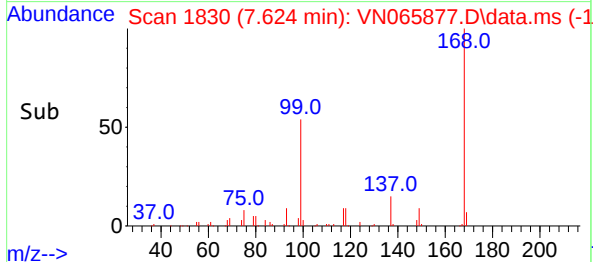
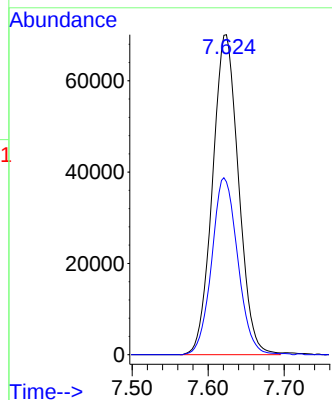
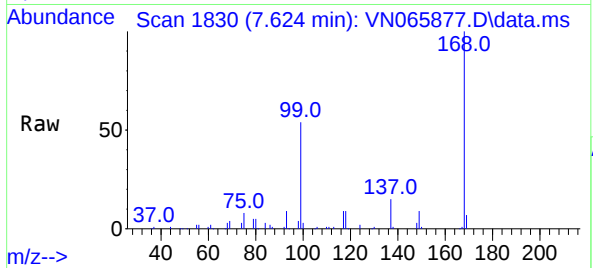




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

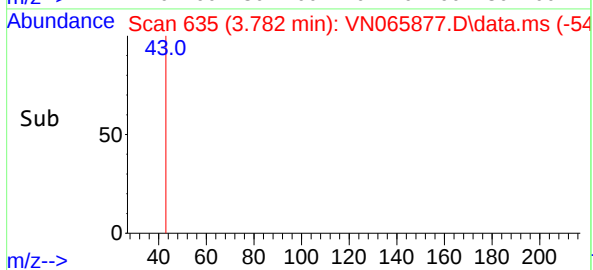
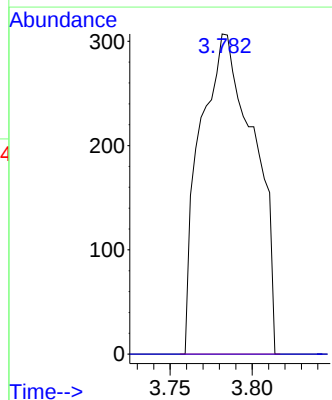
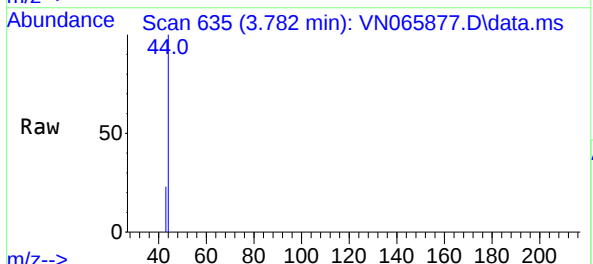
Instrument :
MSVOA_N
ClientSampleId :
FB-01-021121

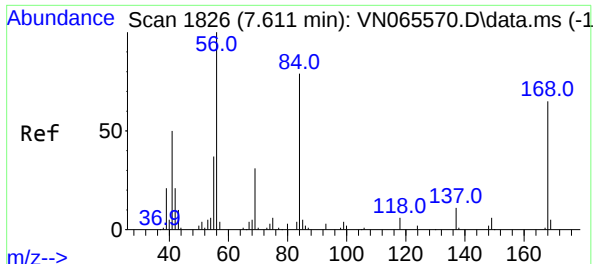
Tgt Ion:168 Resp: 166805
Ion Ratio Lower Upper
168 100
99 54.0 42.6 63.8



#16
Acetone
Concen: 0.82 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

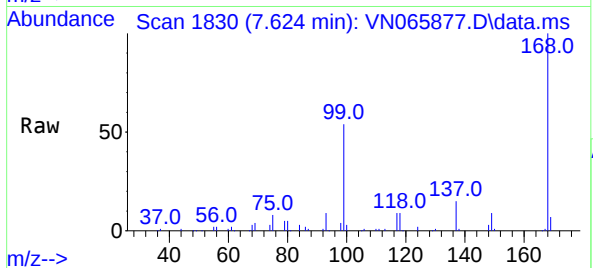
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



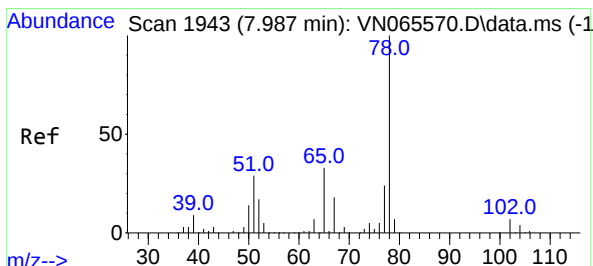
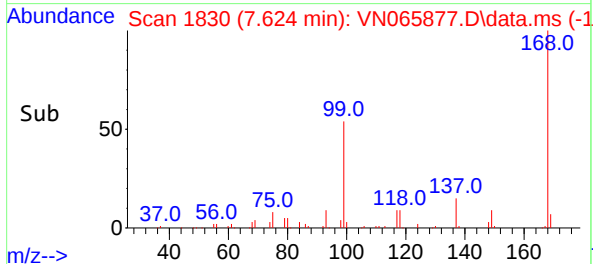
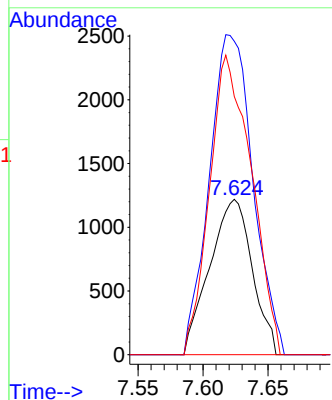


#31
Cyclohexane
Concen: 0.67 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Instrument :
MSVOA_N
ClientSampled :
FB-01-021121

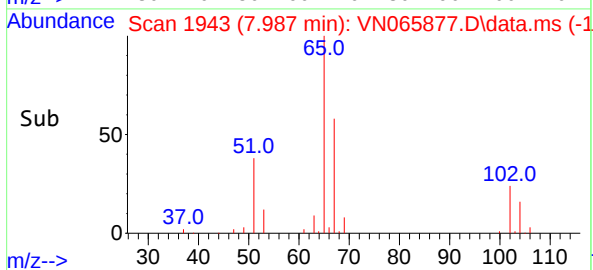
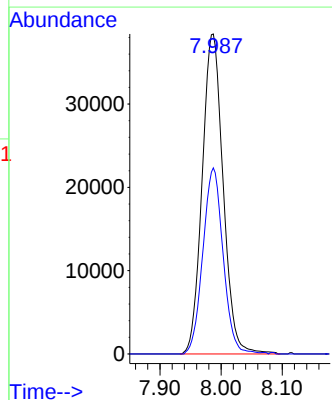
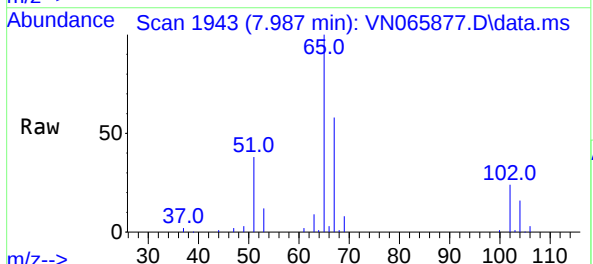


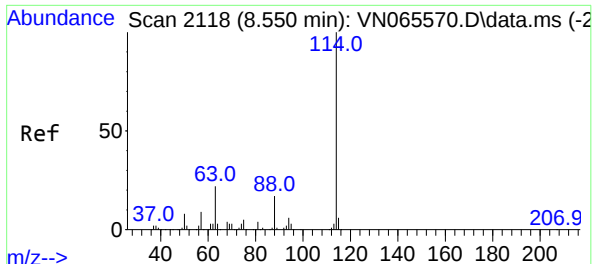
Tgt Ion: 56 Resp: 2781
Ion Ratio Lower Upper
56 100
69 201.8 26.6 39.8#
84 166.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.70 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Tgt Ion: 65 Resp: 91517
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2





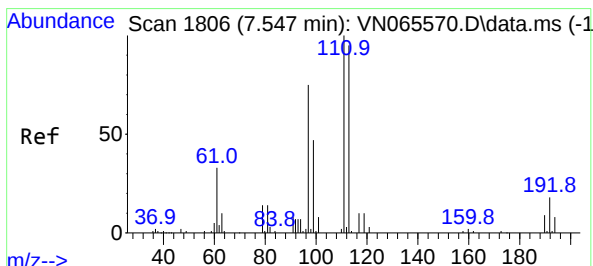
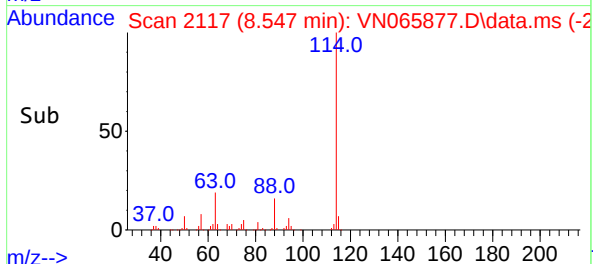
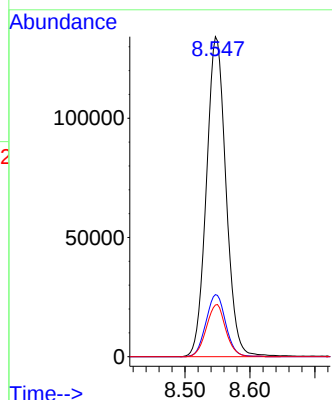
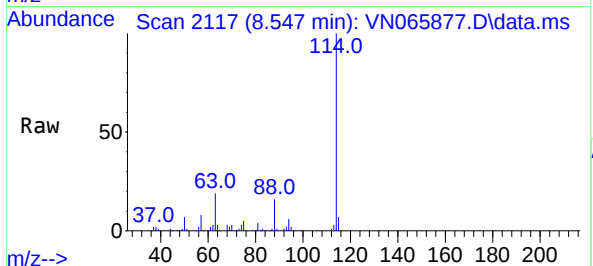
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Instrument :
MSVOA_N
ClientSampleId :
FB-01-021121

Tgt Ion:114 Resp: 281359

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	16.2	0.0	30.6

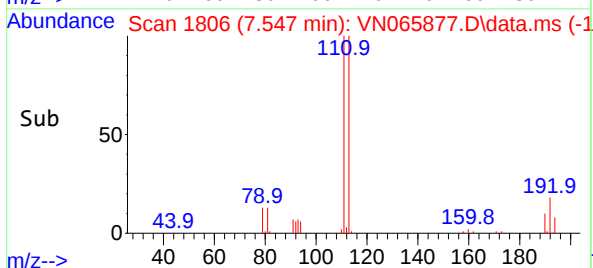
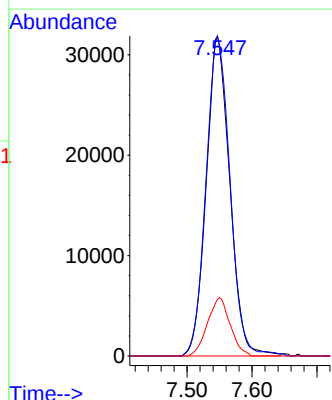
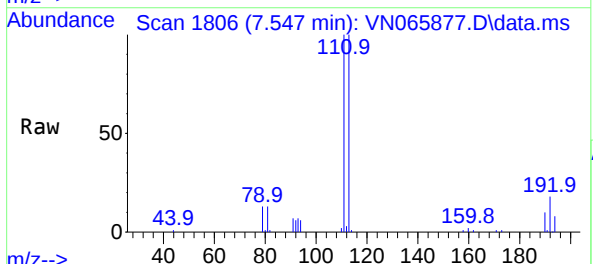


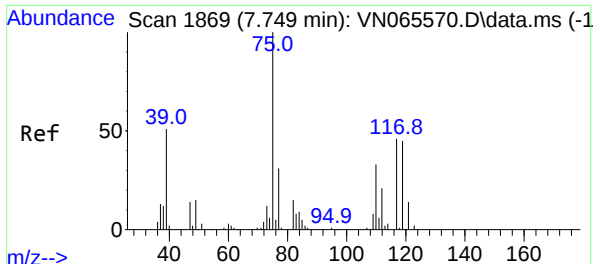
#35

Dibromofluoromethane
Concen: 48.00 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Tgt Ion:113 Resp: 80038

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	17.6	15.4	23.0

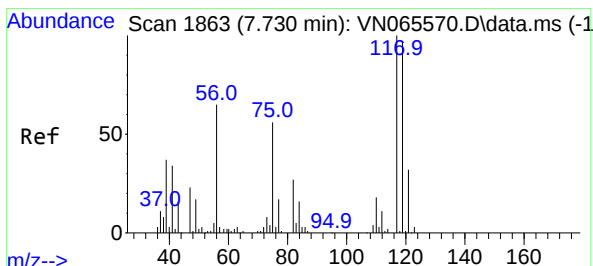
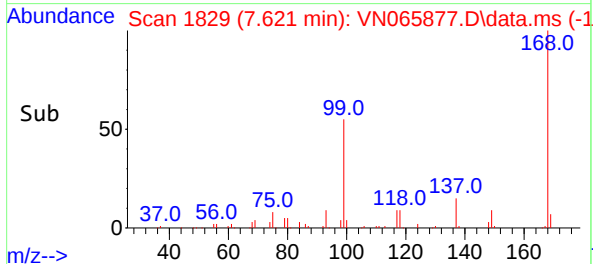
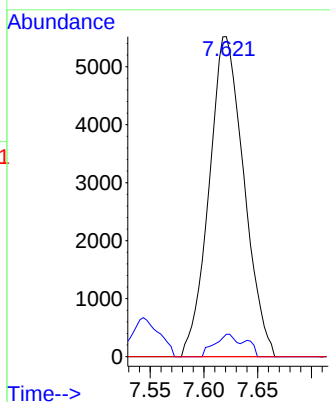
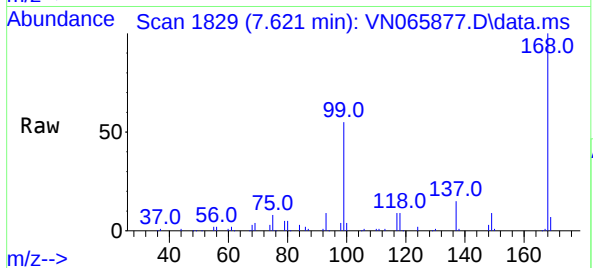




#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

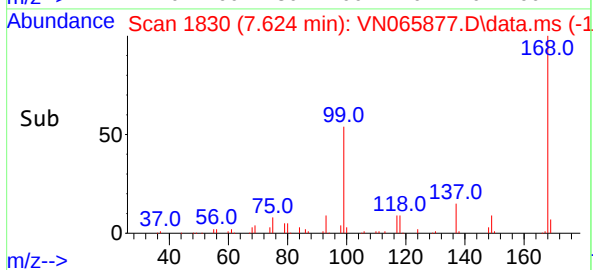
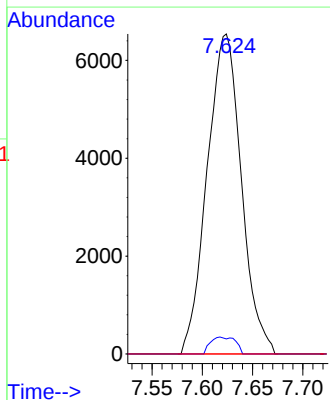
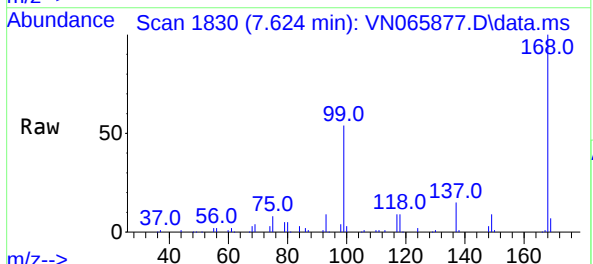
Instrument :
MSVOA_N
ClientSampled :
FB-01-021121

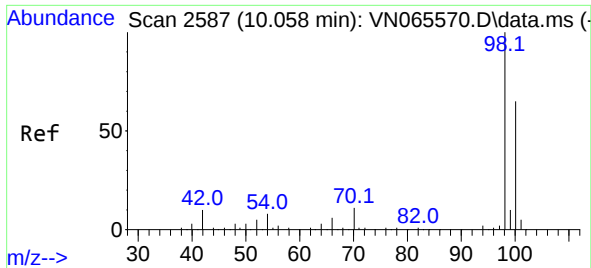
Tgt Ion:	75	Resp:	12417
Ion	Ratio	Lower	Upper
75	100		
110	4.5	18.2	54.6#
77	0.0	24.9	37.3#



#38
Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Tgt Ion:	117	Resp:	15491
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.0	114.0#
121	0.0	24.5	36.7#

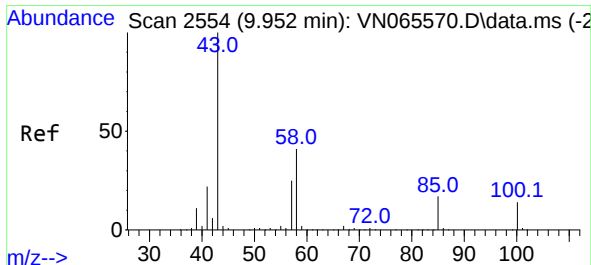
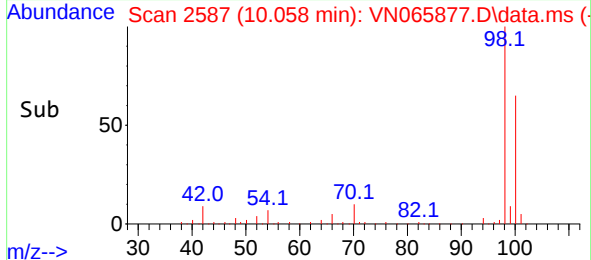
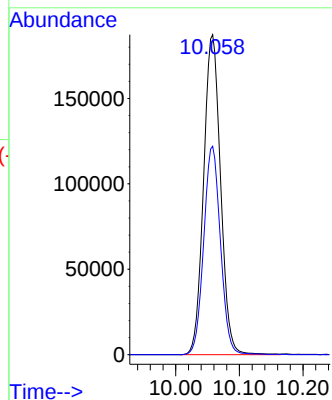
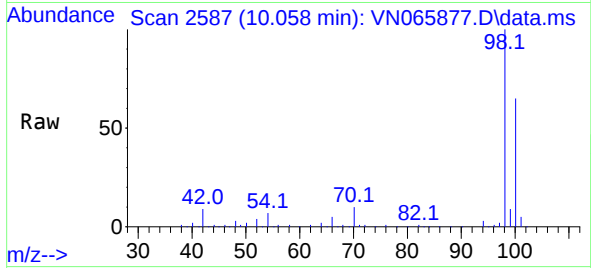




#50
Toluene-d8
Concen: 52.95 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

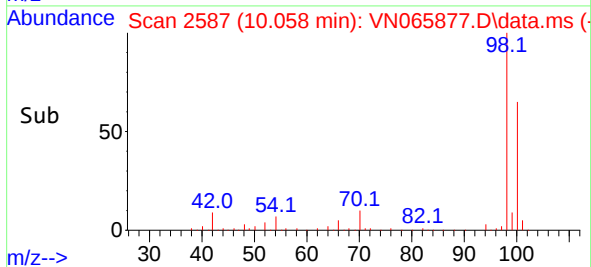
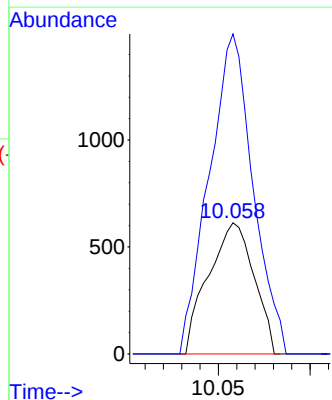
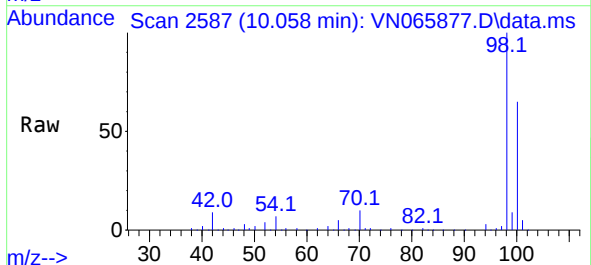
Instrument :
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FB-01-021121

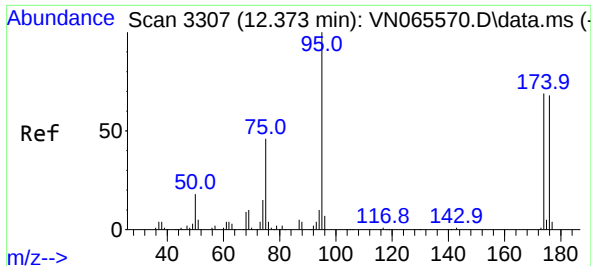
Tgt Ion: 98 Resp: 347059
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 234.0 32.5 48.7#

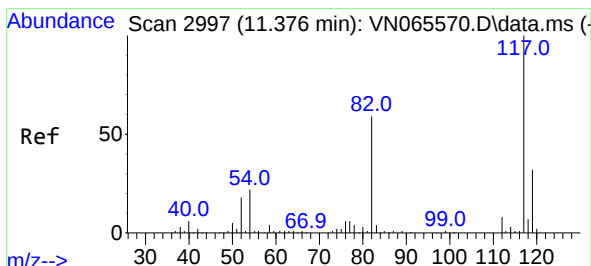
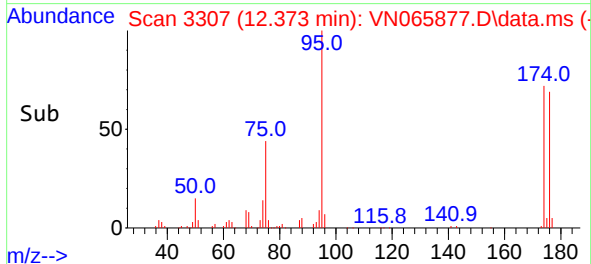
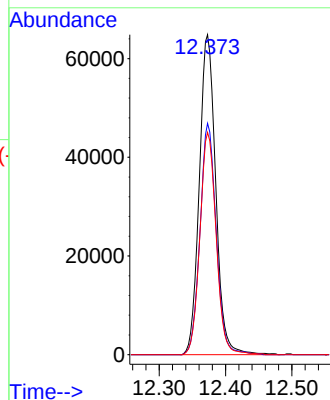
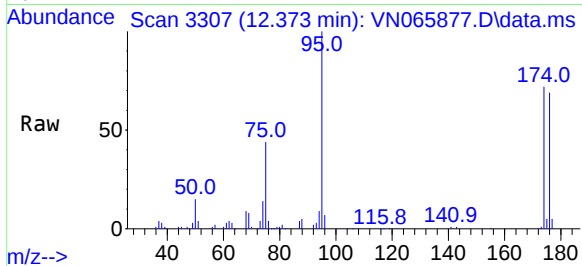




#62
4-Bromofluorobenzene
Concen: 47.35 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

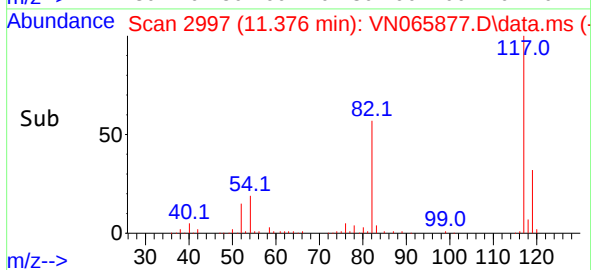
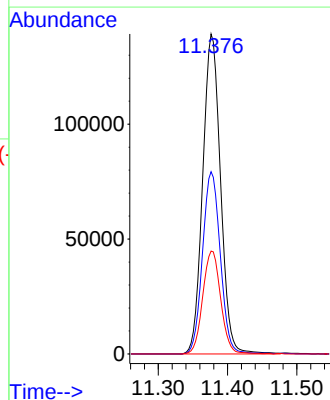
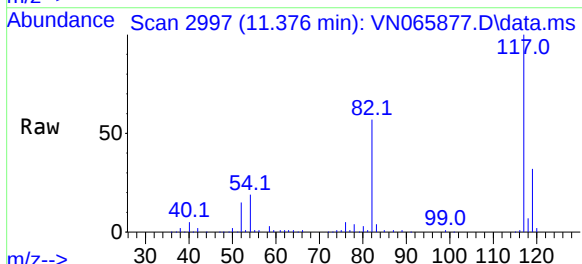
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ClientSampleId :
FB-01-021121

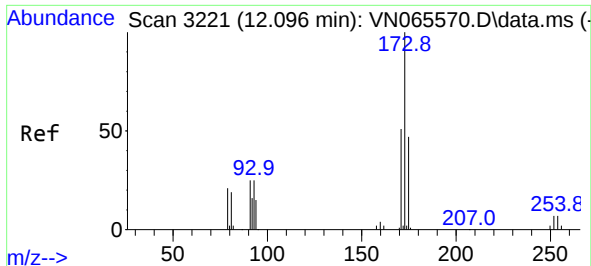
Tgt Ion: 95 Resp: 111758
Ion Ratio Lower Upper
95 100
174 71.3 0.0 169.0
176 68.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Tgt Ion: 117 Resp: 248858
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.1 26.1 39.1

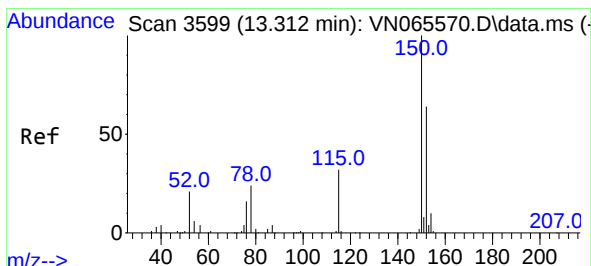
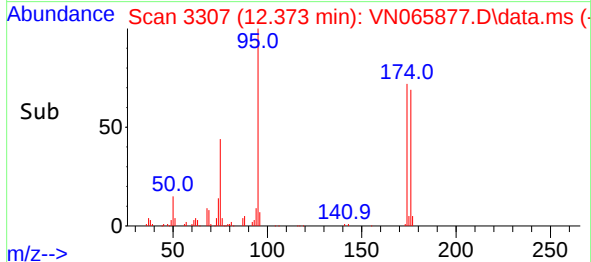
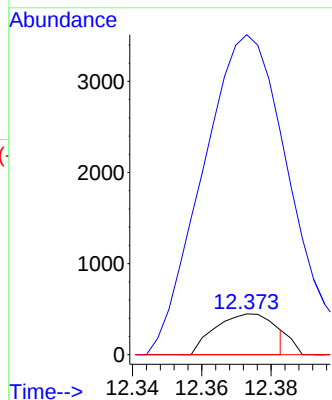
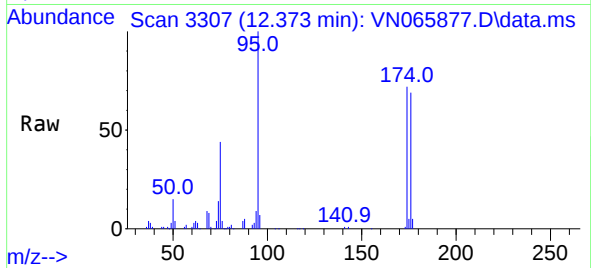




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

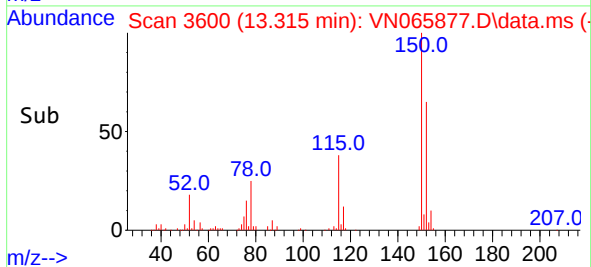
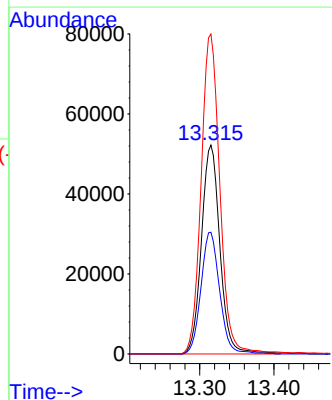
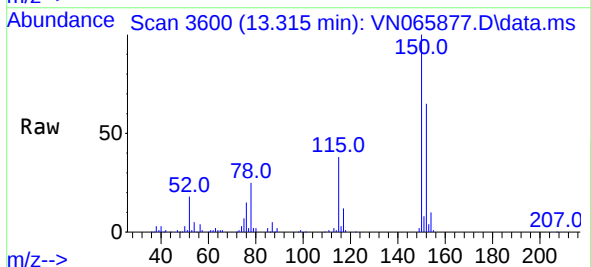
Instrument :
MSVOA_N
ClientSampleId :
FB-01-021121

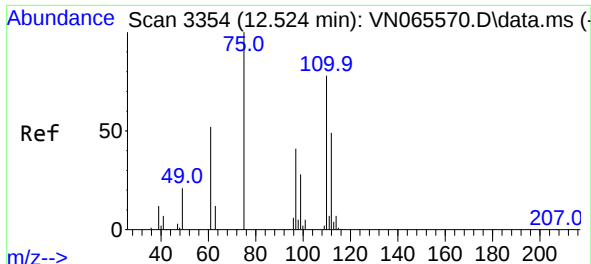
Tgt Ion:173 Resp: 538
Ion Ratio Lower Upper
173 100
175 951.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Tgt Ion:152 Resp: 90317
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.6
150 155.8 0.0 347.6

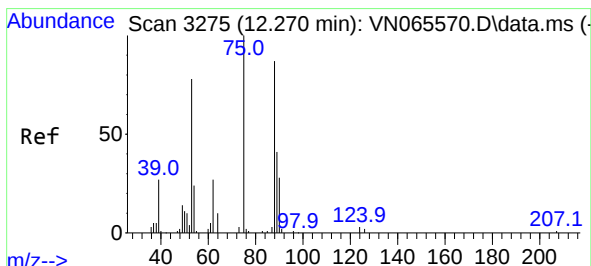
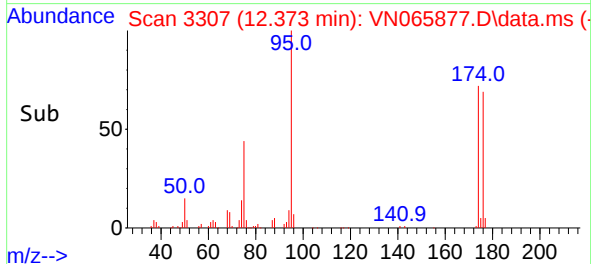
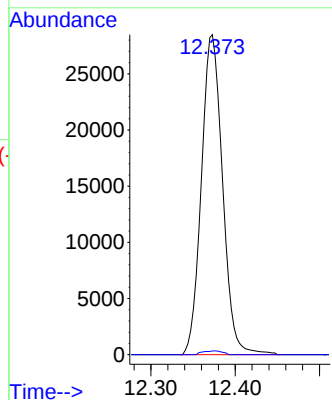
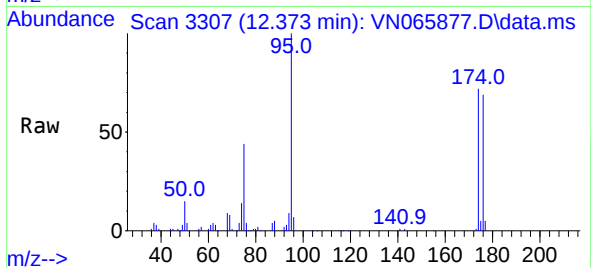




#76
1,2,3-Trichloropropane
Concen: 21.13 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

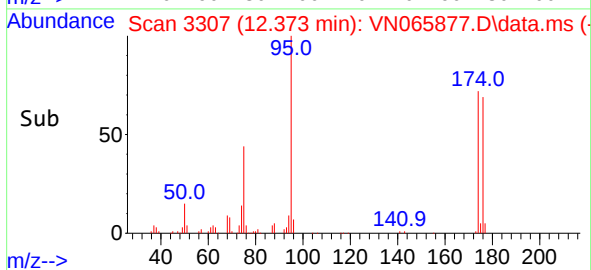
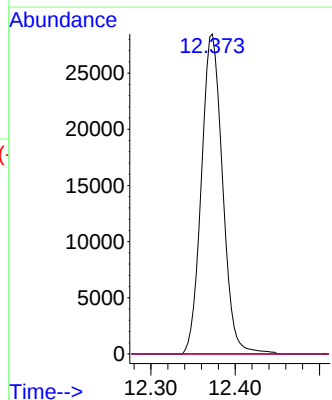
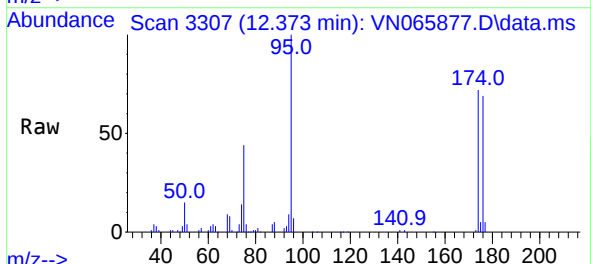
Instrument :
MSVOA_N
ClientSampleId :
FB-01-021121

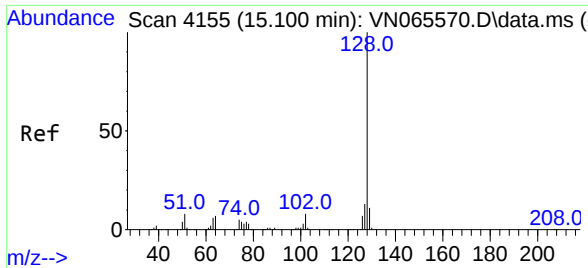
Tgt Ion: 75 Resp: 49895
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.11 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

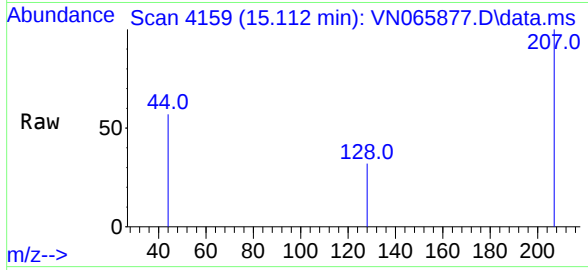
Tgt Ion: 75 Resp: 49895
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.112 min Scan# 4159
Delta R.T. 0.012 min
Lab File: VN065877.D
Acq: 16 Feb 2021 16:59

Instrument :
MSVOA_N
ClientSampleId :
FB-01-021121



Tgt Ion:	128	Resp:	132
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

