

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121620\
 Data File : VN065166.D
 Acq On : 16 Dec 2020 10:41
 Operator : JC/MD
 Sample : VN1216WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBL01

Quant Time: Dec 21 13:55:56 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 Response via : Initial Calibration

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

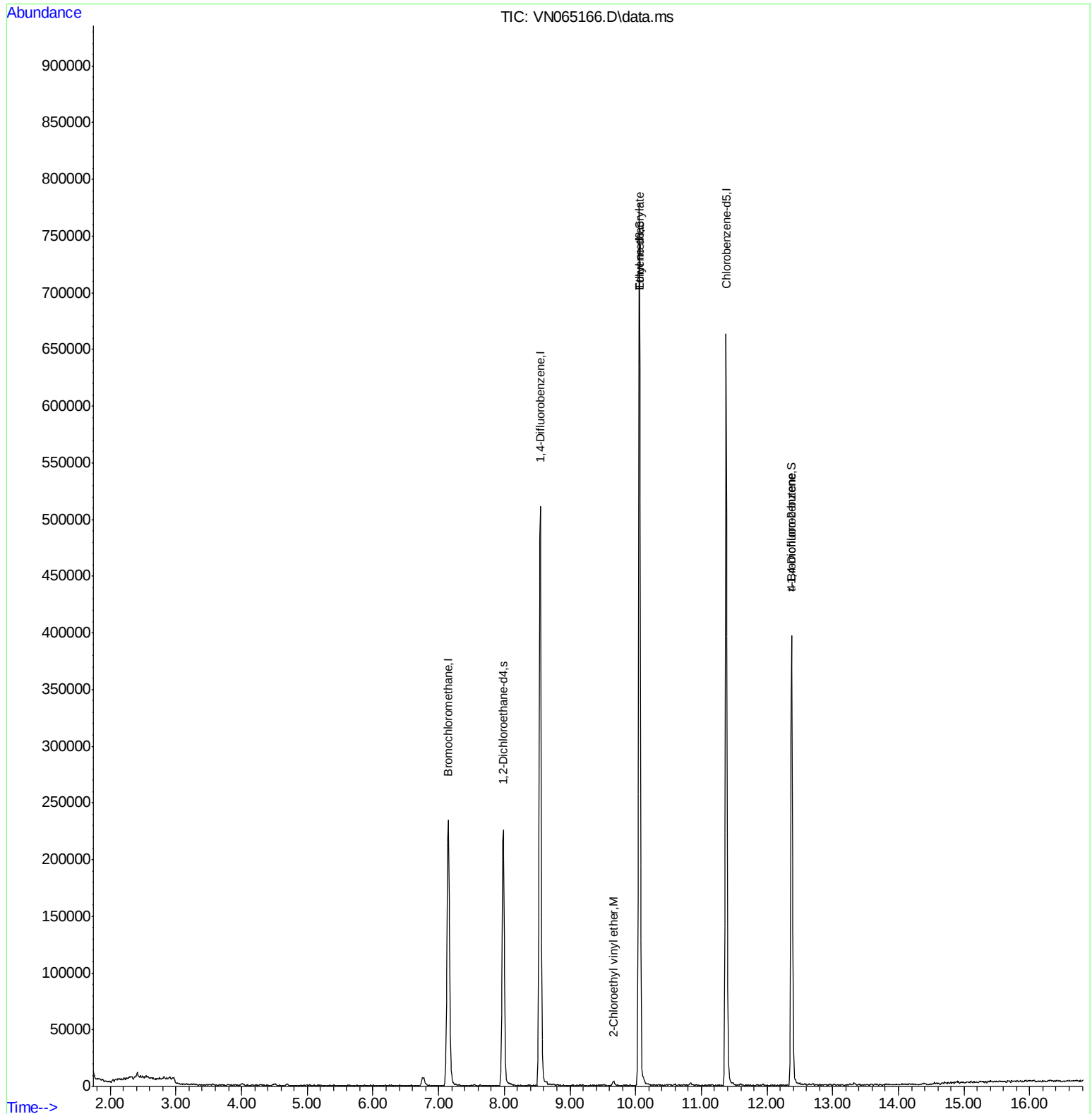
Internal Standards						
1) Bromochloromethane	7.148	128	101332	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	480152	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	415846	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	201189	29.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.67%
60) 4-Bromofluorobenzene	12.376	95	151479	23.18	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.27%
63) Toluene-d8	10.058	98	571004	28.44	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.80%
Target Compounds						
51) Ethyl methacrylate	10.058	69	2202	0.29	ug/l	90
55) 2-Chloroethyl vinyl ether	9.662	63	2235	0.59	ug/l #	93
77) t-1,4-Dichloro-2-butene	12.373	75	73263	31.82	ug/l #	9

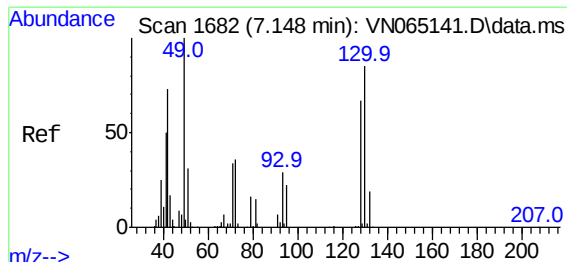
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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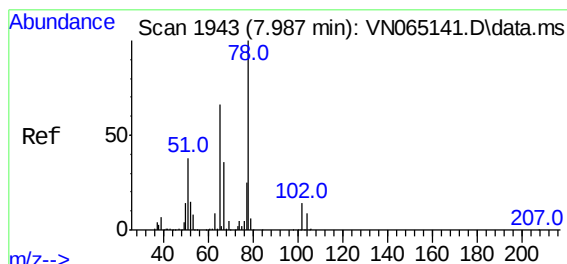
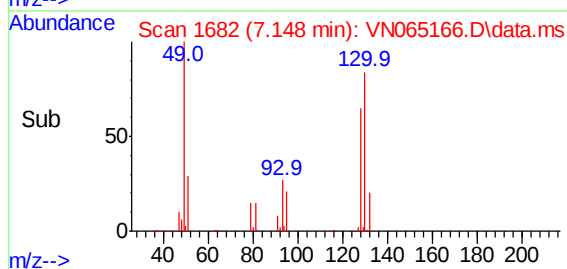
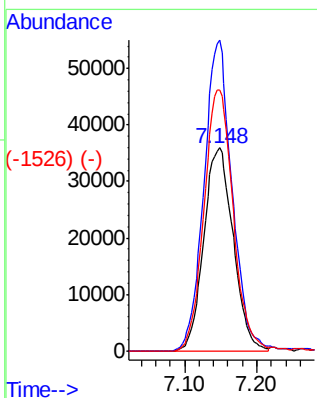
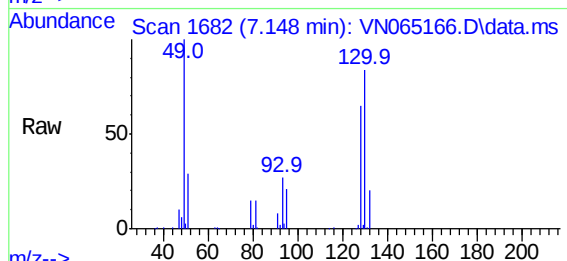




#162 (-)
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

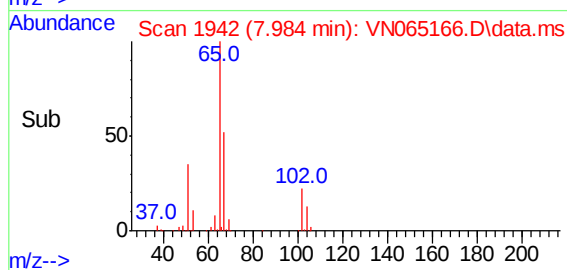
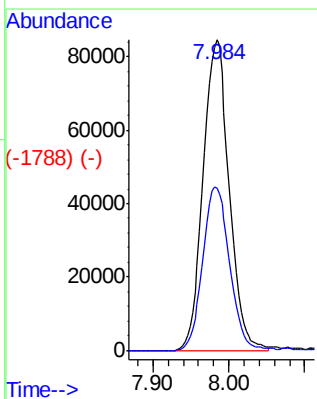
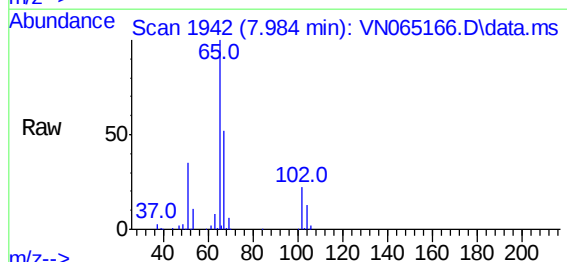
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

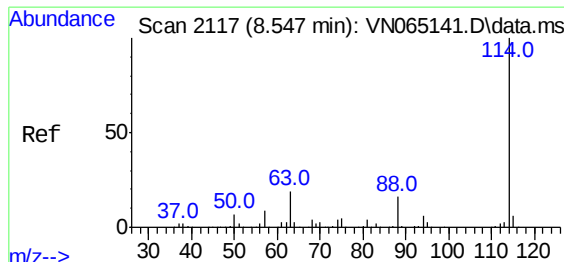
Tgt Ion:128 Resp: 101332
Ion Ratio Lower Upper
128 100
49 146.6 0.0 475.5
130 127.0 0.0 315.3



#1625 (-)
1,2-Dichloroethane-d4
Concen: 29.00 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Tgt Ion: 65 Resp: 201189
Ion Ratio Lower Upper
65 100
67 54.3 41.1 61.7



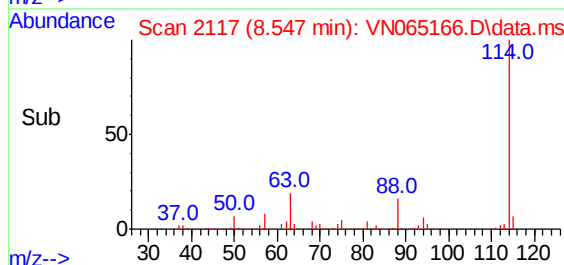
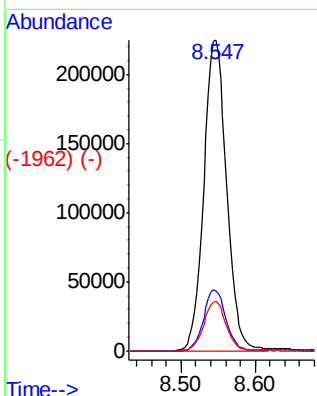
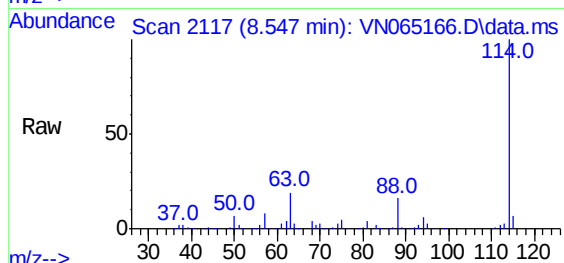


#201 (-)
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

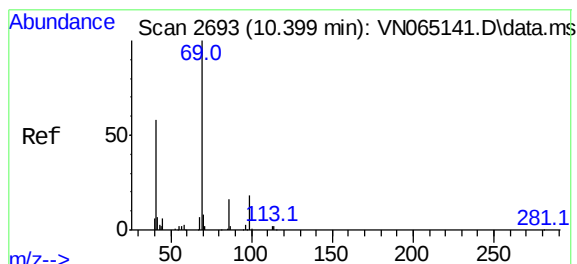
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

Tgt Ion:114 Resp: 480152

Ion	Ratio	Lower	Upper
114	100		
63	19.2	18.5	27.7
88	15.6	13.0	19.6



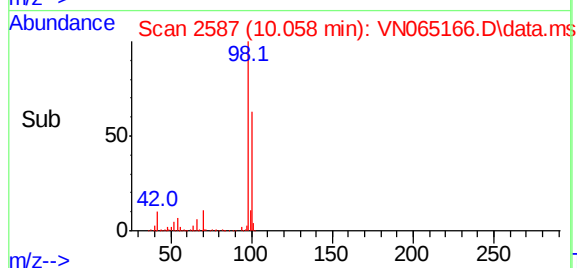
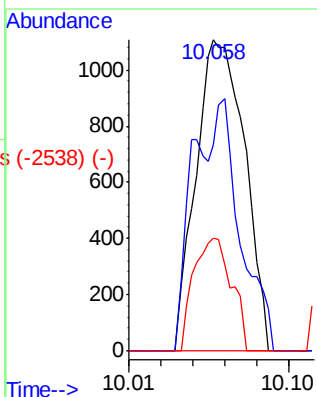
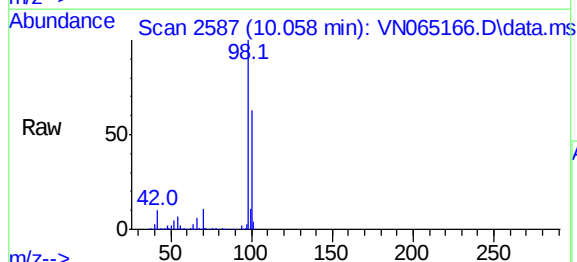
#1962 (-)



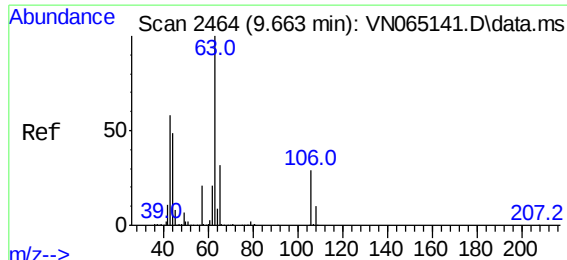
#2679 (-)
Ethyl methacrylate
Concen: 0.29 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.341 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Tgt Ion: 69 Resp: 2202

Ion	Ratio	Lower	Upper
69	100		
41	66.3	35.4	106.1
39	36.3	24.1	72.2



#2538 (-)

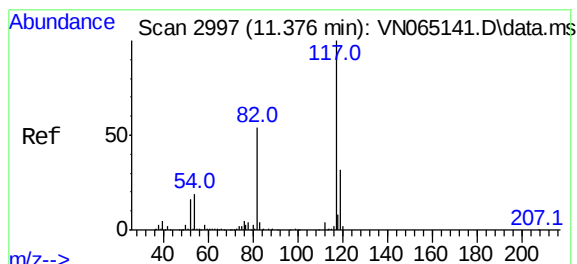
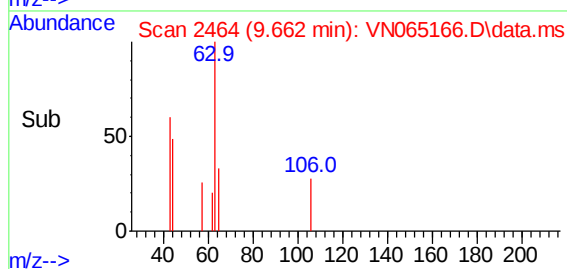
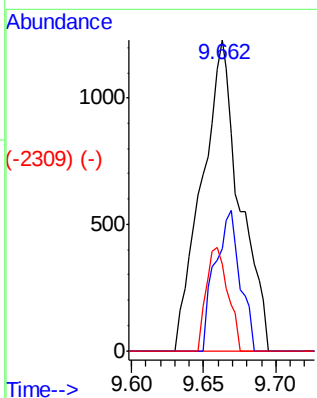
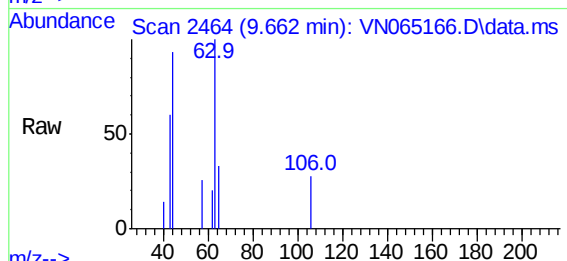


#559 (-)
2-Chloroethyl vinyl ether
Concen: 0.59 ug/l
RT: 9.662 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

Tgt Ion: 63 Resp: 2235

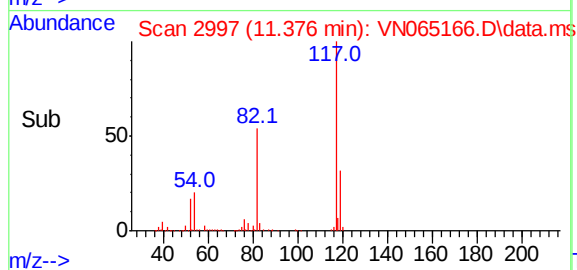
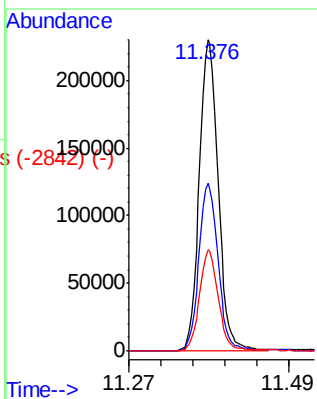
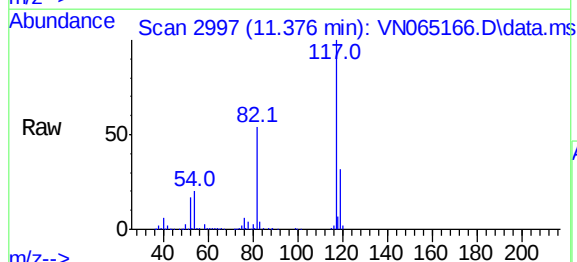
Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.7	38.5
106	18.9	19.9	29.9

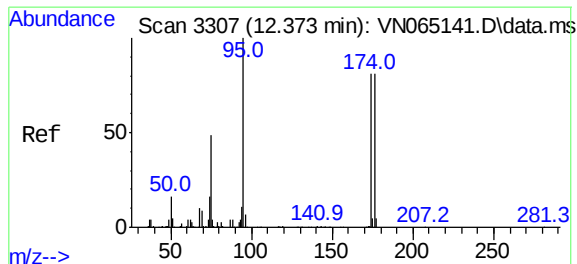


#583 (-)
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. -0.000 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Tgt Ion: 117 Resp: 415846

Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.8
119	31.9	25.7	38.5



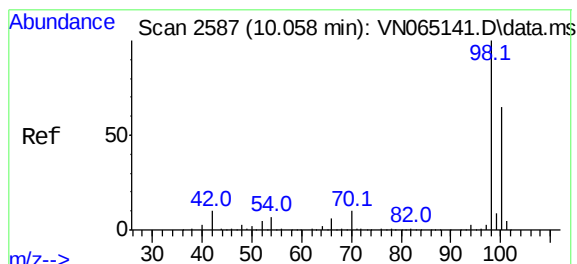
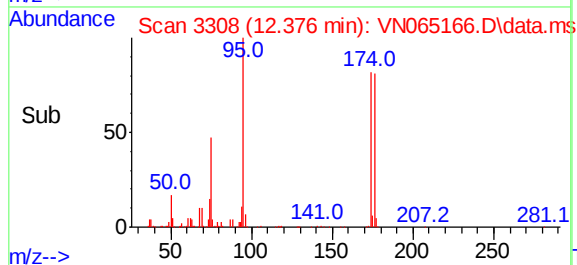
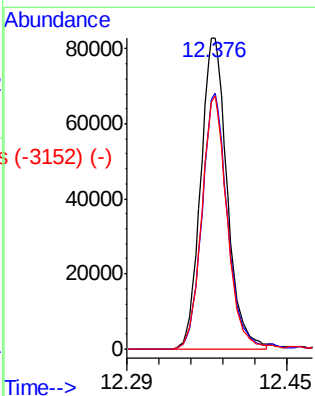
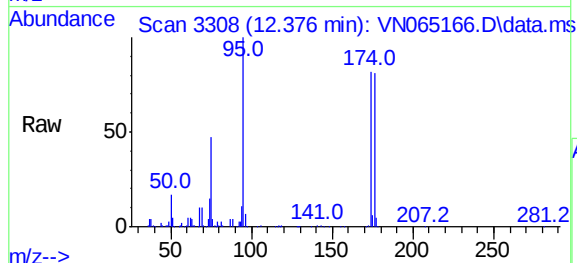


#693 (-)
4-Bromofluorobenzene
Concen: 23.18 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Instrument :
MSVOA_N
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VN1216WBL01

Tgt Ion: 95 Resp: 151479

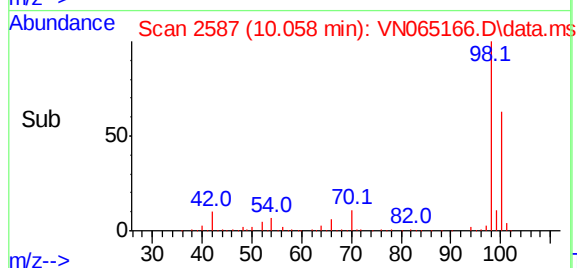
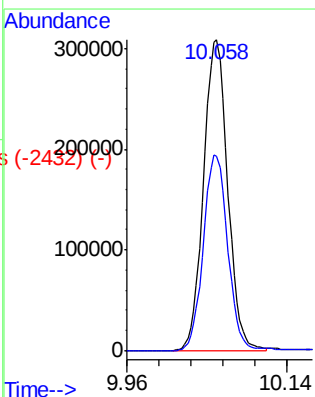
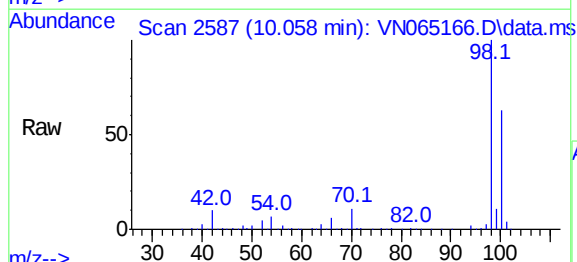
Ion	Ratio	Lower	Upper
95	100		
174	79.0	56.4	84.6
176	78.1	53.3	79.9

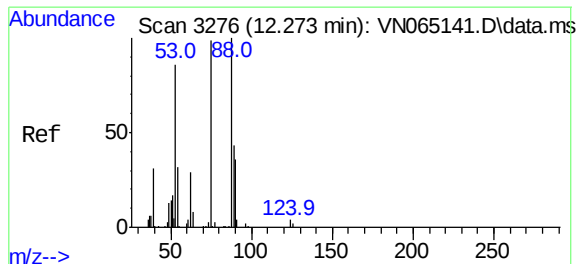


#692 (-)
Toluene-d8
Concen: 28.44 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Tgt Ion: 98 Resp: 571004

Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.4	74.2





#3266 (-)
t-1,4-Dichloro-2-butene
Concen: 31.82 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.100 min
Lab File: VN065166.D
Acq: 16 Dec 2020 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

Tgt Ion: 75 Resp: 73263
Ion Ratio Lower Upper
75 100
53 0.0 50.3 150.9#
89 0.0 23.3 69.8#

