

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067866.D
 Acq On : 22 Jul 2021 16:41
 Operator : JC/MD
 Sample : M3120-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 07:14:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

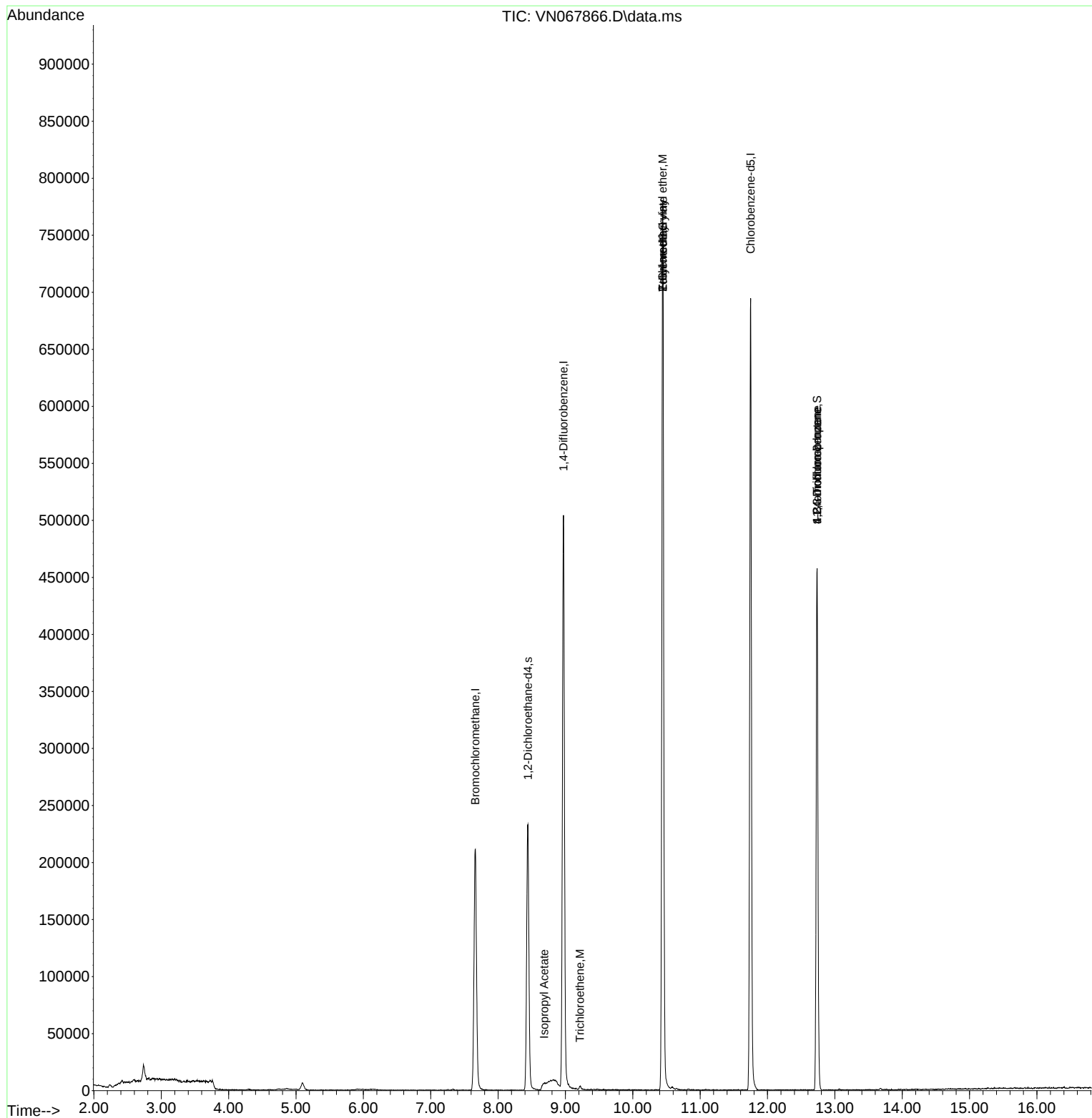
Internal Standards						
1) Bromochloromethane	7.662	128	75587	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	439744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	394513	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	201782	33.043	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.133%#
60) 4-Bromofluorobenzene	12.736	95	164860	25.731	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.767%
63) Toluene-d8	10.446	98	551966	30.419	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.400%
Target Compounds						
					Qvalue	
37) Trichloroethene	9.215	130	1080	0.202	ug/l #	71
44) Isopropyl Acetate	8.686	43	6003	0.512	ug/l #	50
51) Ethyl methacrylate	10.448	69	1995	0.238	ug/l	85
55) 2-Chloroethyl vinyl ether	10.443	63	437	0.269	ug/l #	1
72) 1,2,3-Trichloropropane	12.736	75	90292	15.332	ug/l	1
77) t-1,4-Dichloro-2-butene	12.736	75	90292	45.432	ug/l #	4

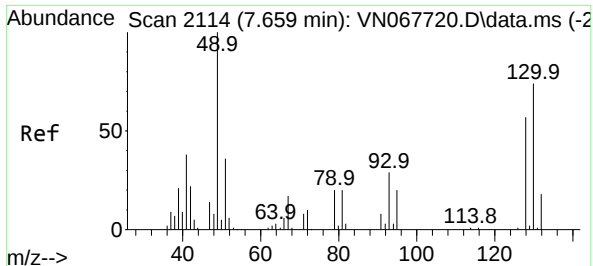
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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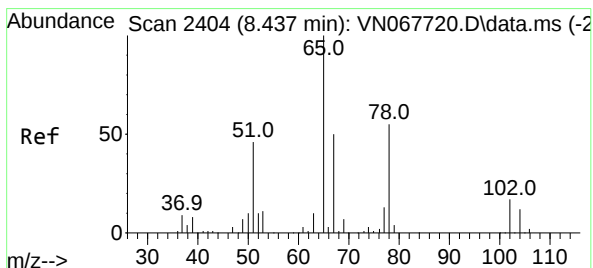
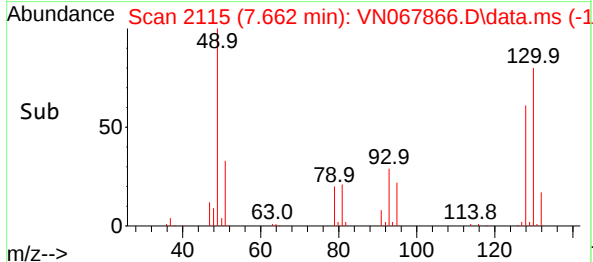
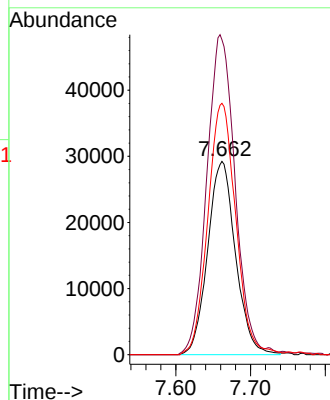
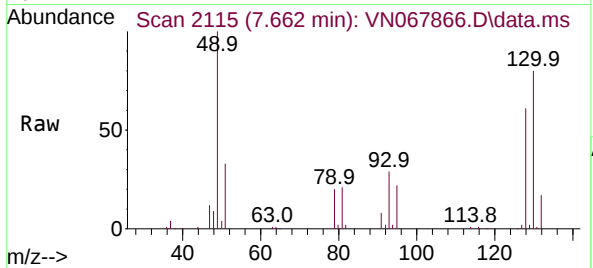




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

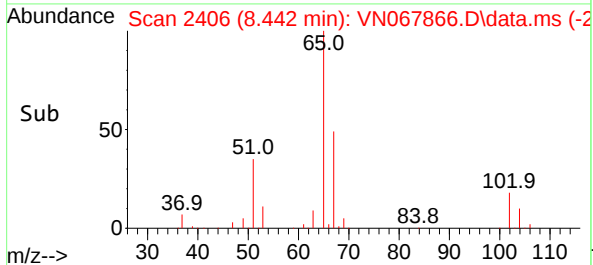
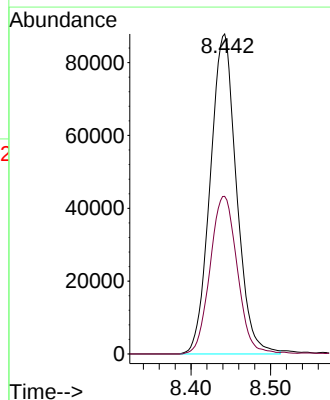
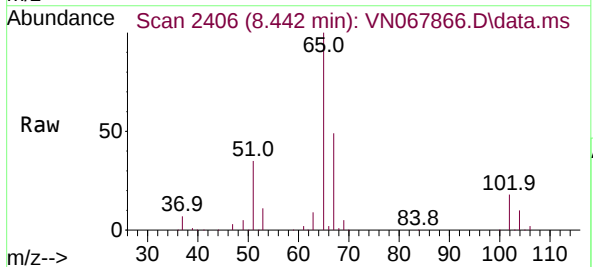
Instrument :
MSVOA_N
ClientSampled :

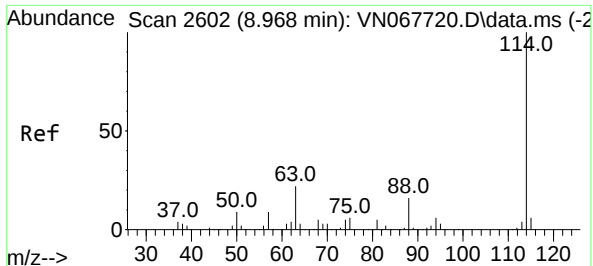
Tgt Ion:128 Resp: 75587
Ion Ratio Lower Upper
128 100
49 167.0 0.0 433.0
130 130.7 0.0 323.8



#27
1,2-Dichloroethane-d4
Concen: 33.043 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.005 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

Tgt Ion: 65 Resp: 201782
Ion Ratio Lower Upper
65 100
67 50.8 40.6 60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN067866.D

Acq: 22 Jul 2021 16:41

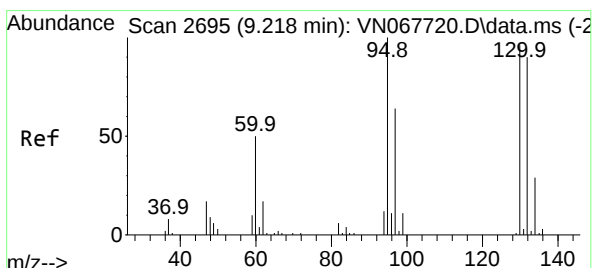
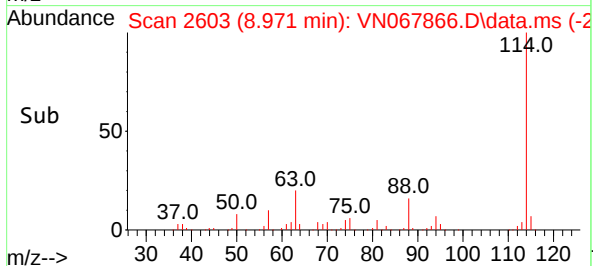
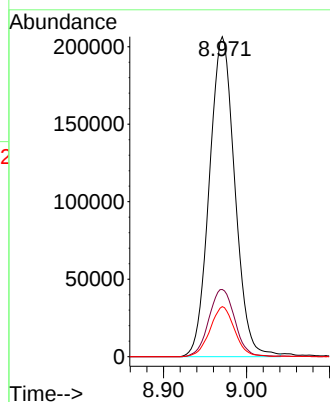
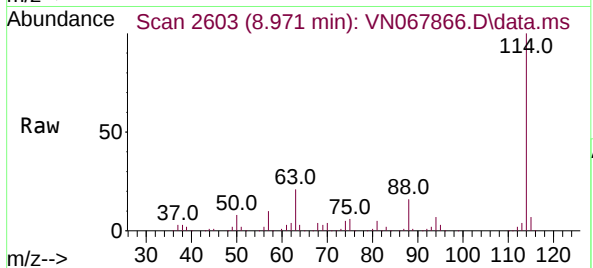
Tgt Ion:114 Resp: 439744

Ion Ratio Lower Upper

114 100

63 21.4 17.2 25.8

88 15.1 12.4 18.6



#37

Trichloroethene

Concen: 0.202 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.003 min

Lab File: VN067866.D

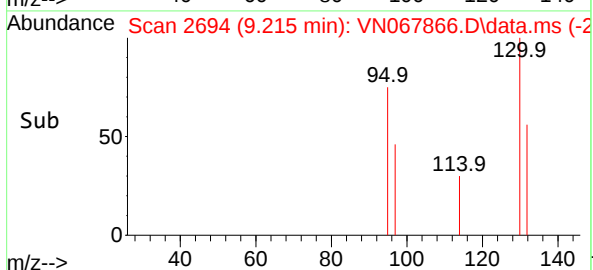
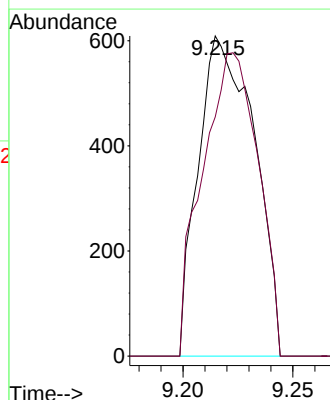
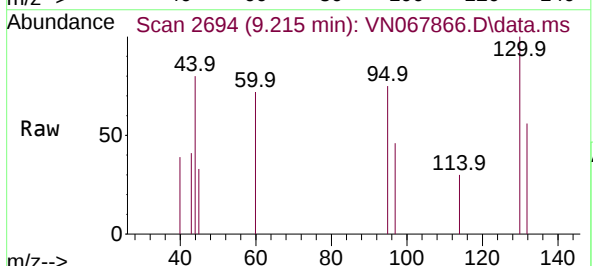
Acq: 22 Jul 2021 16:41

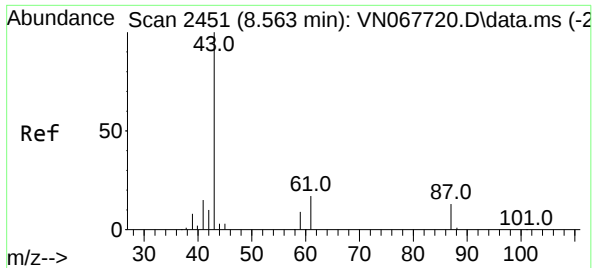
Tgt Ion:130 Resp: 1080

Ion Ratio Lower Upper

130 100

95 74.7 83.2 124.8#

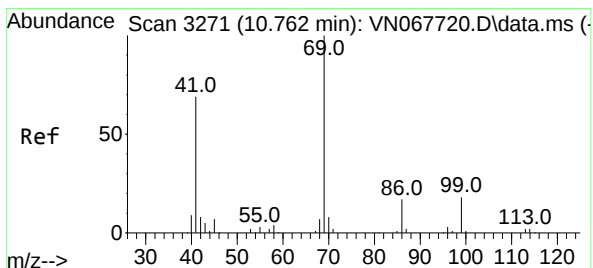
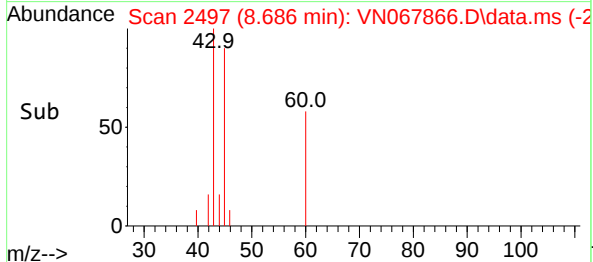
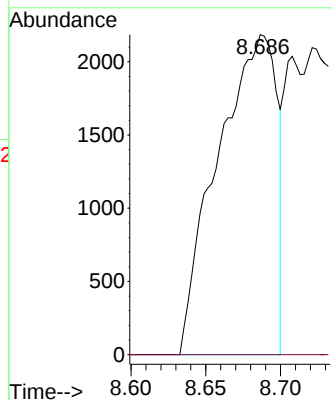
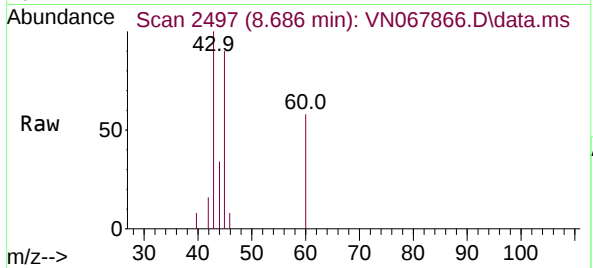




#44
Isopropyl Acetate
Concen: 0.512 ug/l
RT: 8.686 min Scan# 2497
Delta R.T. 0.123 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

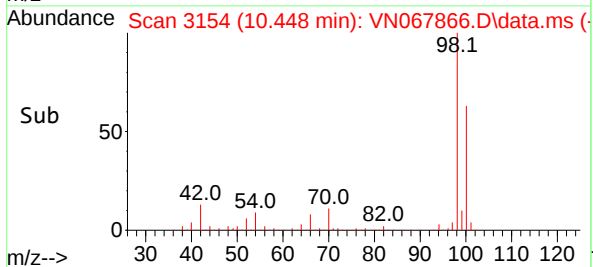
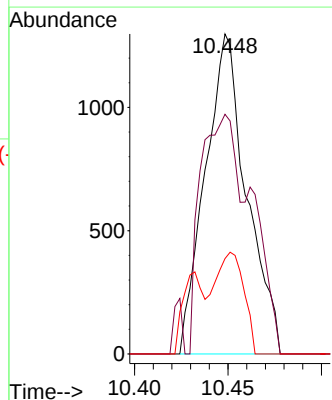
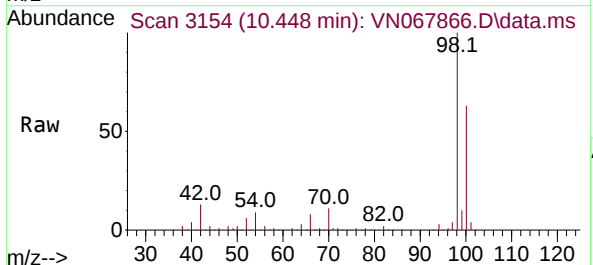
Instrument :
MSVOA_N
ClientSampled :

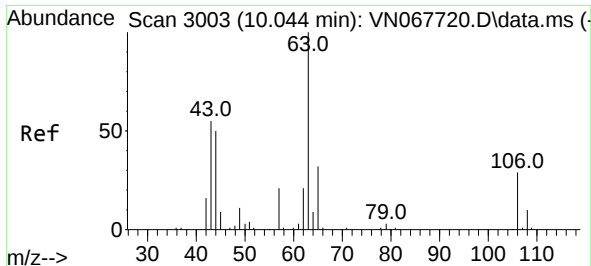
Tgt Ion: 43 Resp: 6003
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#



#51
Ethyl methacrylate
Concen: 0.238 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. -0.314 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

Tgt Ion: 69 Resp: 1995
Ion Ratio Lower Upper
69 100
41 74.9 34.3 102.9
39 29.8 23.7 71.1

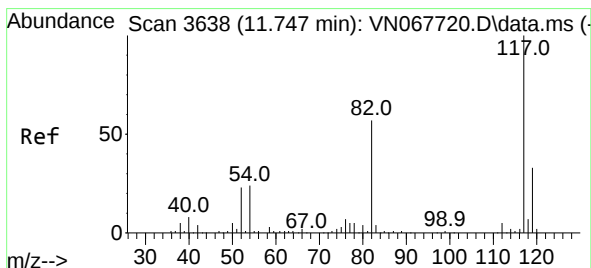
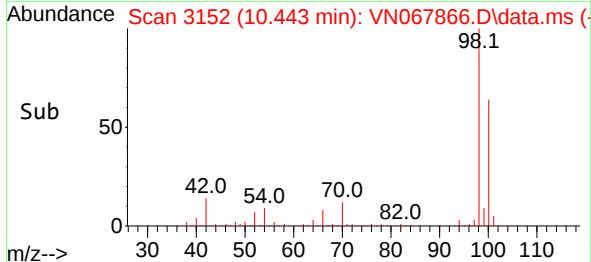
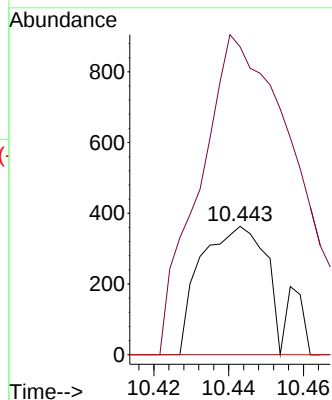
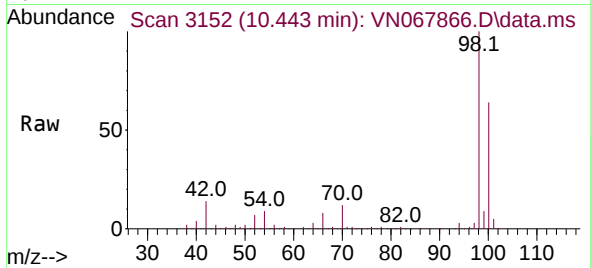




#55
2-Chloroethyl vinyl ether
Concen: 0.269 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.399 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

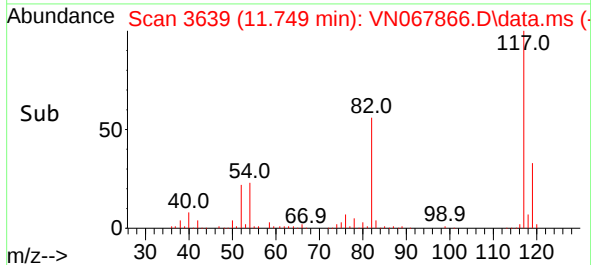
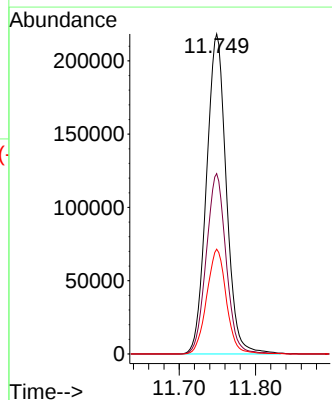
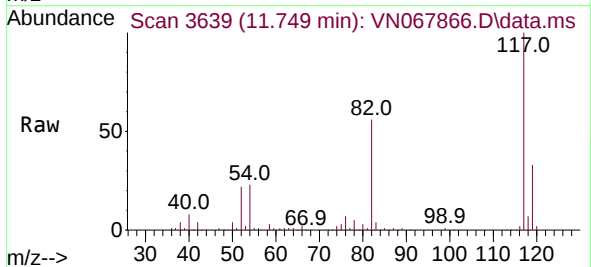
Instrument :
MSVOA_N
ClientSampled :

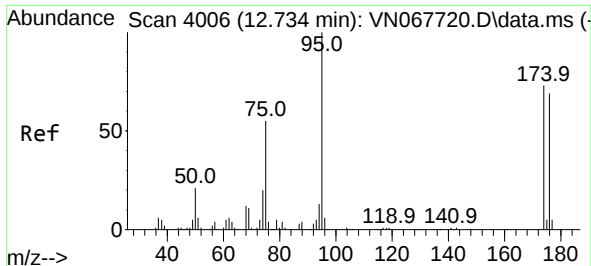
Tgt Ion:	63	Resp:	437
Ion	Ratio	Lower	Upper
63	100		
65	373.2	25.5	38.3#
106	0.0	22.1	33.1#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

Tgt Ion:	117	Resp:	394513
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	32.4	25.7	38.5

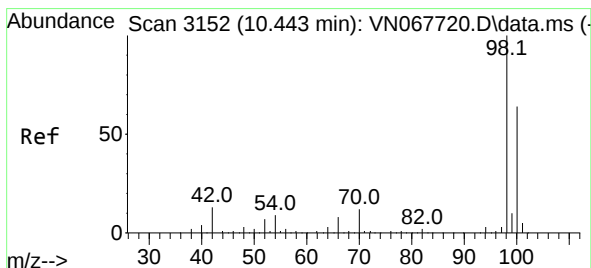
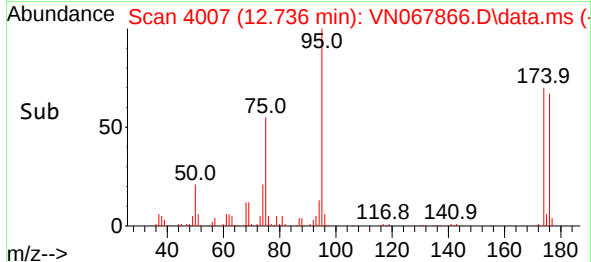
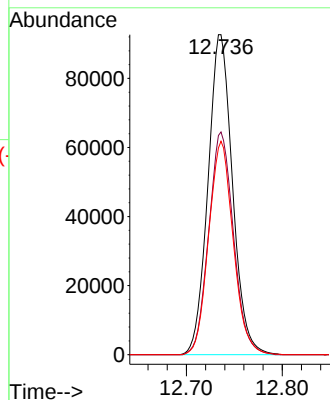
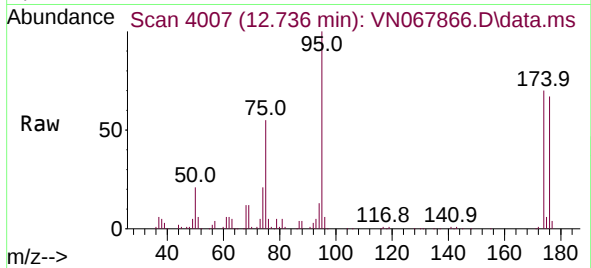




#60
4-Bromofluorobenzene
Concen: 25.731 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

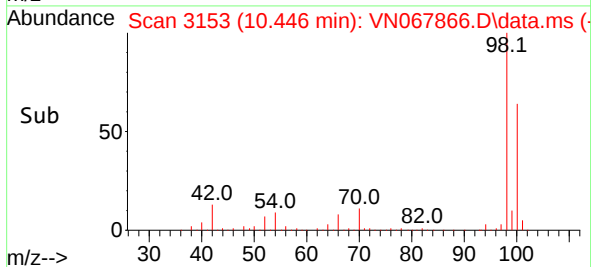
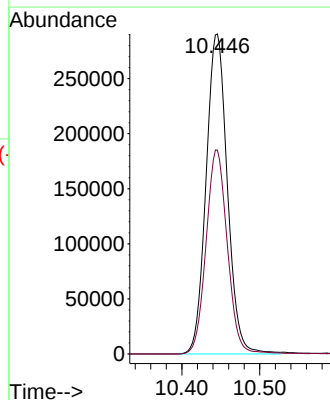
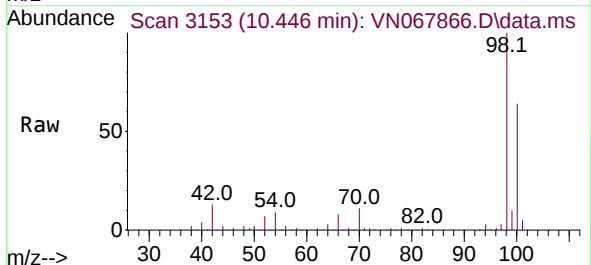
Instrument :
MSVOA_N
ClientSampled :

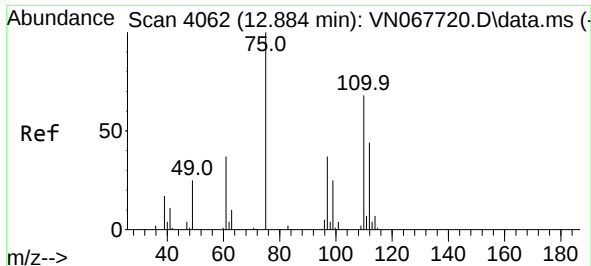
Tgt Ion: 95 Resp: 164860
Ion Ratio Lower Upper
95 100
174 70.3 57.1 85.7
176 66.8 54.6 81.8



#63
Toluene-d8
Concen: 30.419 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

Tgt Ion: 98 Resp: 551966
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4

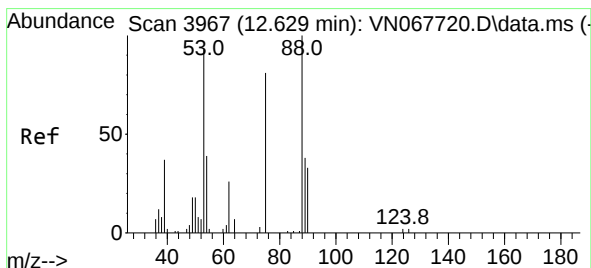
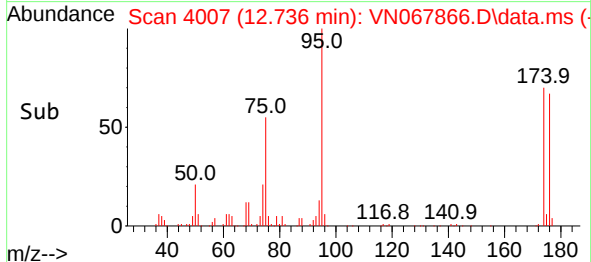
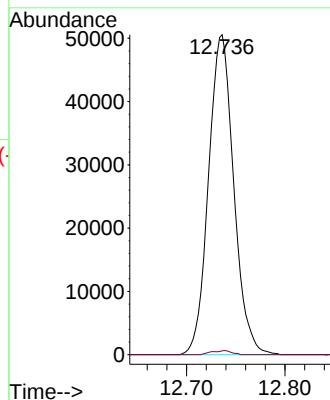
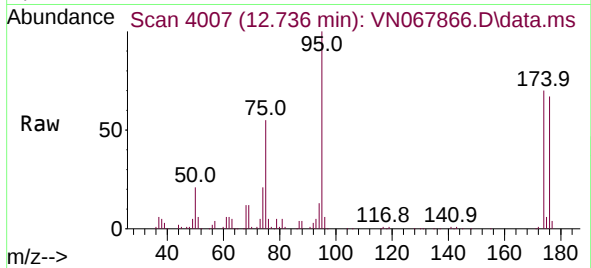




#72
1,2,3-Trichloropropane
Concen: 15.332 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 90292
Ion Ratio Lower Upper
75 100
77 0.6 0.0 365.2



#77
t-1,4-Dichloro-2-butene
Concen: 45.432 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067866.D
Acq: 22 Jul 2021 16:41

Tgt Ion: 75 Resp: 90292
Ion Ratio Lower Upper
75 100
53 0.0 57.0 171.0#
89 0.0 24.7 74.1#

