

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021939.D
 Acq On : 12 May 2021 20:52
 Operator : JC/MD
 Sample : VX0513WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL01

Quant Time: May 13 06:25:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

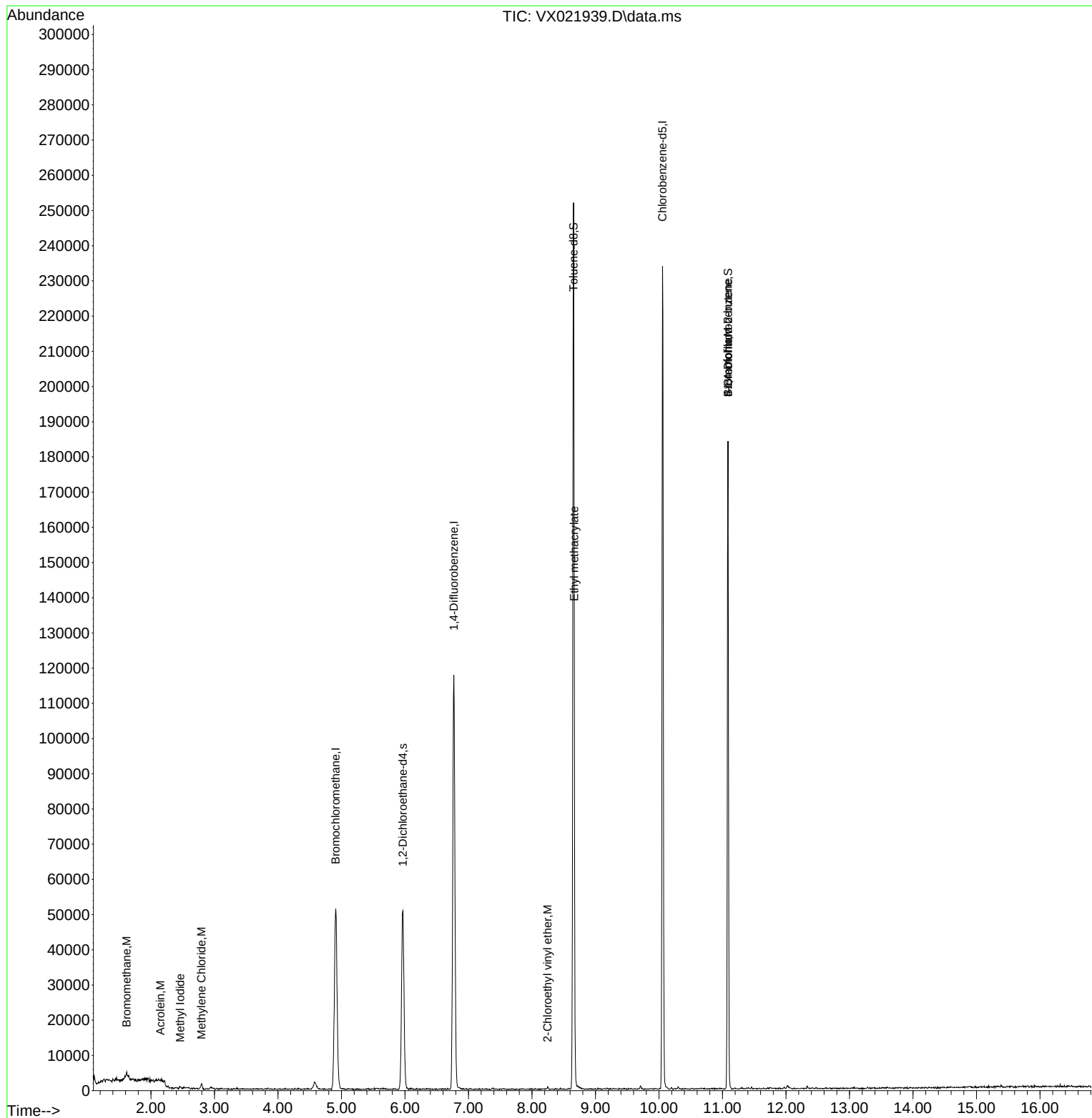
Internal Standards						
1) Bromochloromethane	4.910	128	20613	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	121362	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	105505	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47792	30.10	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.33%
60) 4-Bromofluorobenzene	11.085	95	51310	29.30	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.67%
63) Toluene-d8	8.653	98	146057	30.29	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.97%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	191	0.22	ug/l #	54
11) Methyl Iodide	2.459	142	584	0.48	ug/l #	80
13) Acrolein	2.148	56	83	0.32	ug/l #	1
18) Methylene Chloride	2.794	84	662	0.45	ug/l #	83
51) Ethyl methacrylate	8.665	69	469	0.20	ug/l #	64
55) 2-Chloroethyl vinyl ether	8.245	63	263	0.22	ug/l #	44
56) Bromoform	11.085	173	350	0.38	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.085	75	25984	34.04	ug/l #	17

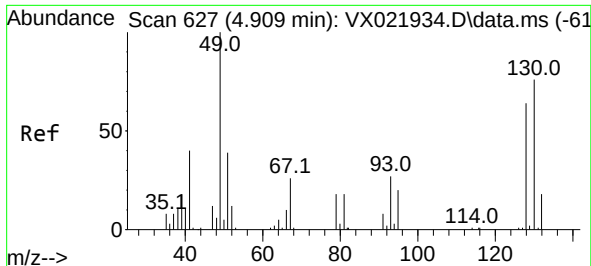
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Time: May 13 06:25:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 13 06:11:35 2021
Response via : Initial Calibration

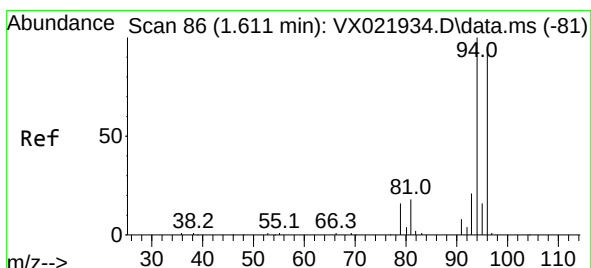
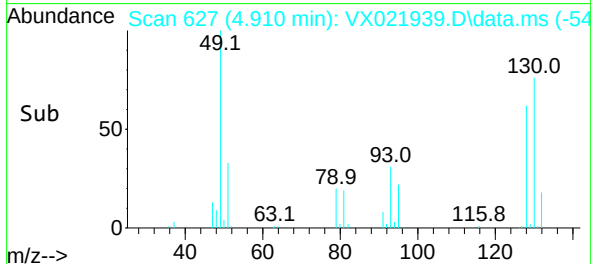
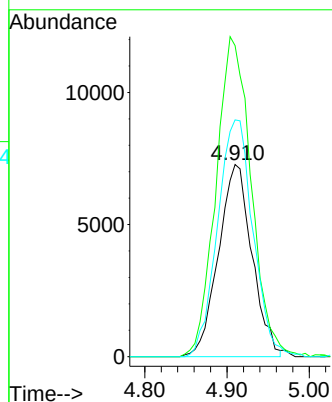
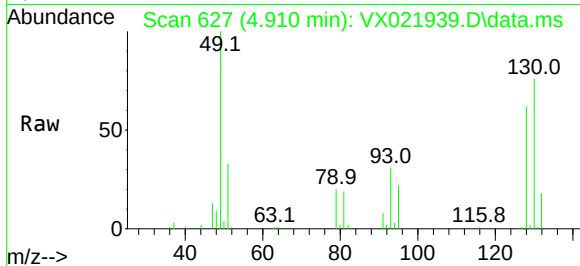




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

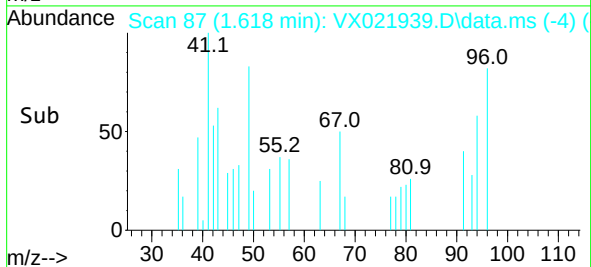
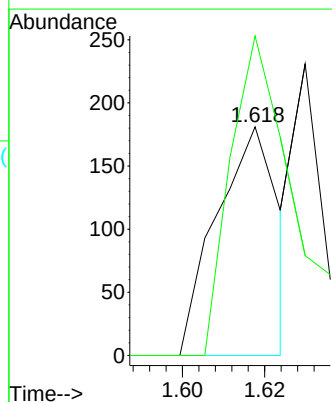
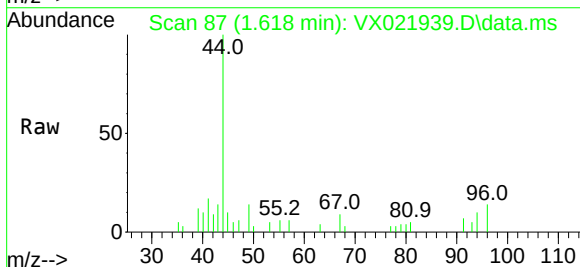
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

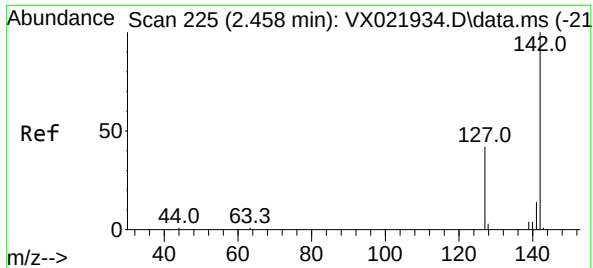
Tgt Ion:	128	Resp:	20613
Ion	Ratio	Lower	Upper
128	100		
49	174.3	0.0	442.5
130	130.6	0.0	323.3



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

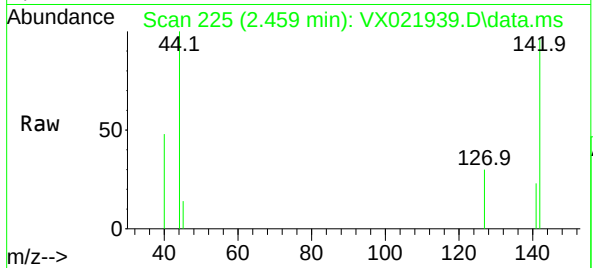
Tgt Ion:	94	Resp:	191
Ion	Ratio	Lower	Upper
94	100		
96	139.8	76.1	114.1#



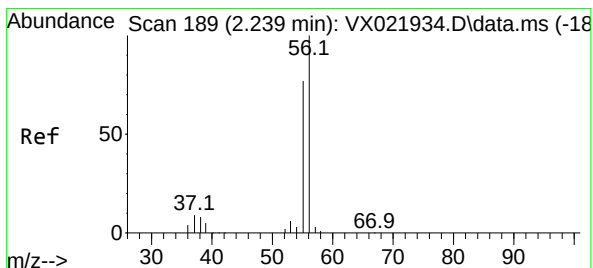
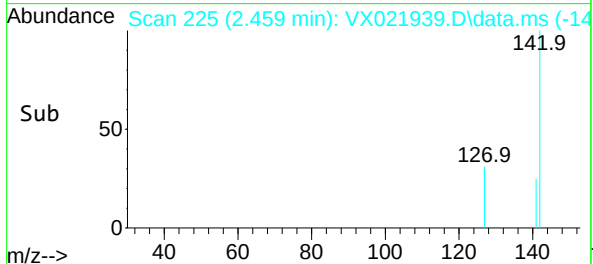
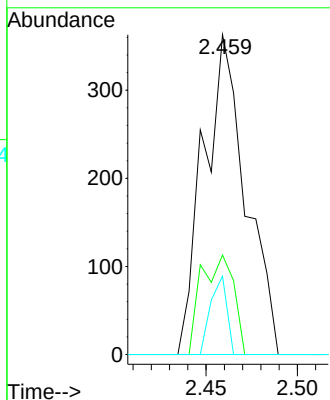


#11
Methyl Iodide
Concen: 0.48 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

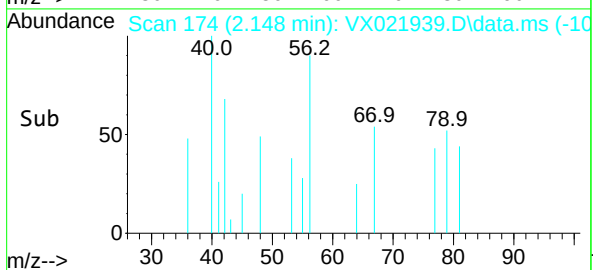
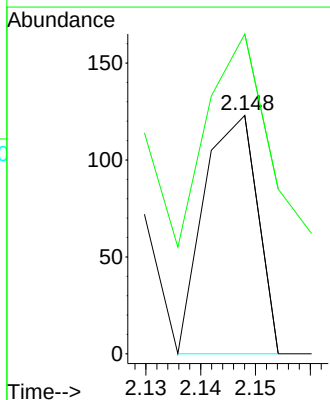
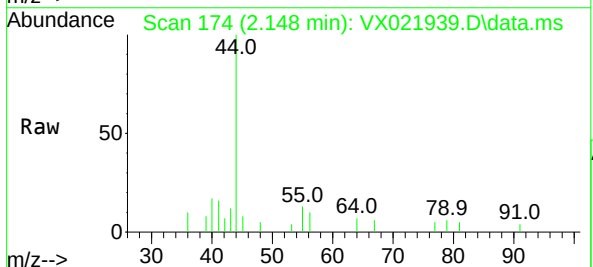


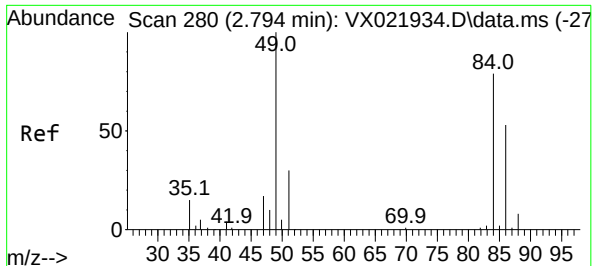
Tgt Ion:	142	Resp:	584
Ion	Ratio	Lower	Upper
142	100		
127	31.1	21.3	63.7
141	24.5	7.2	21.6#



#13
Acrolein
Concen: 0.32 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.091 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion:	56	Resp:	83
Ion	Ratio	Lower	Upper
56	100		
55	196.4	57.6	86.4#





#18

Methylene Chloride

Concen: 0.45 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX021939.D

Acq: 12 May 2021 20:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBL01

Tgt Ion: 84 Resp: 662

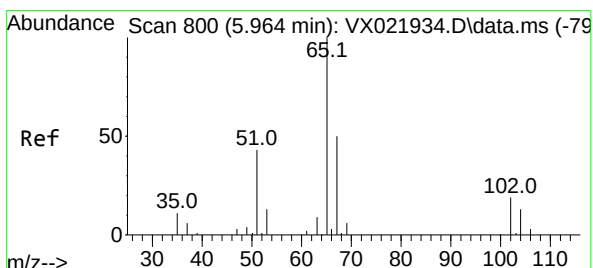
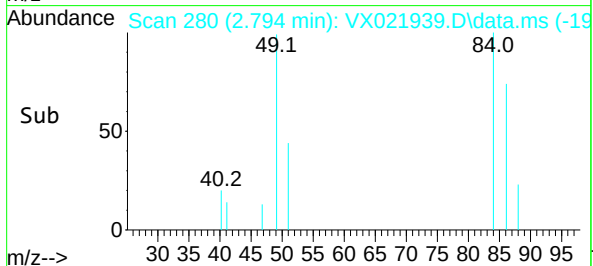
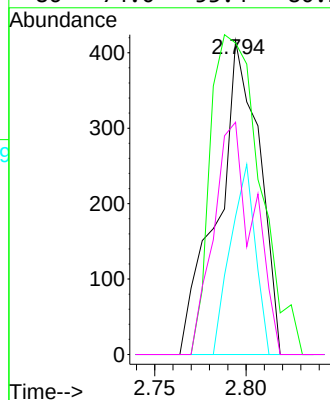
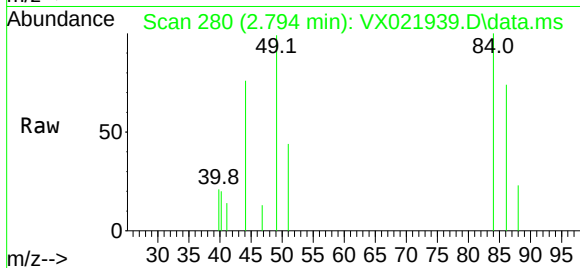
Ion Ratio Lower Upper

84 100

49 99.3 101.6 152.4#

51 44.0 30.5 45.7

86 74.0 53.4 80.2



#27

1,2-Dichloroethane-d4

Concen: 30.10 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX021939.D

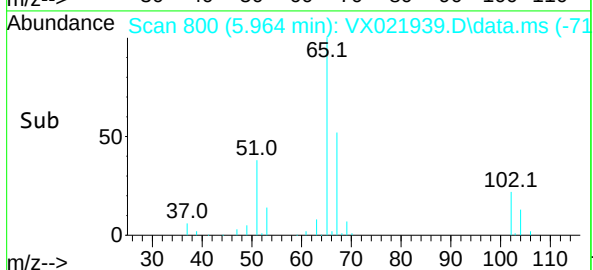
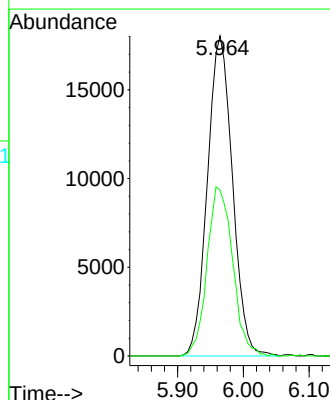
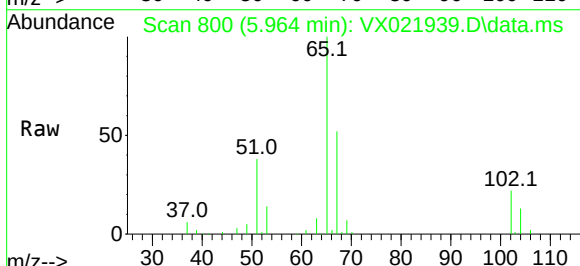
Acq: 12 May 2021 20:52

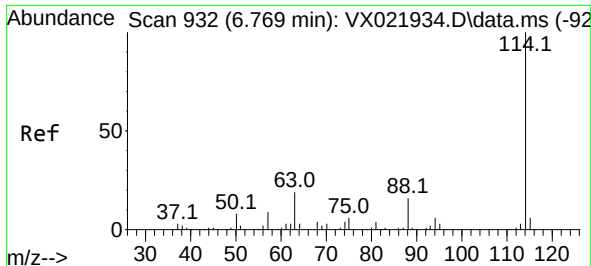
Tgt Ion: 65 Resp: 47792

Ion Ratio Lower Upper

65 100

67 54.0 41.5 62.3

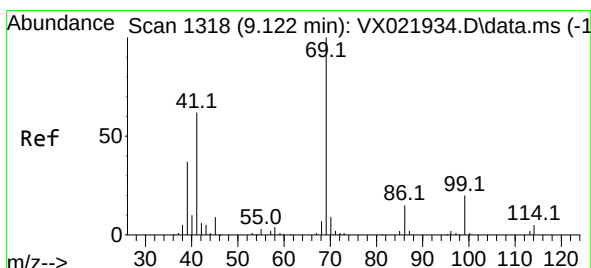
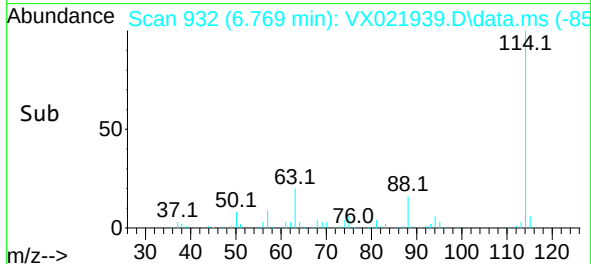
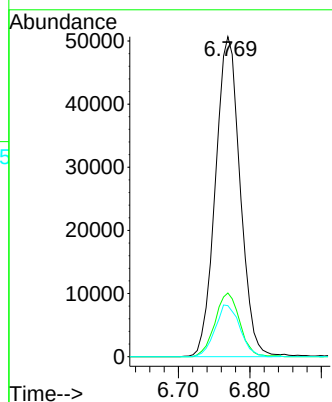
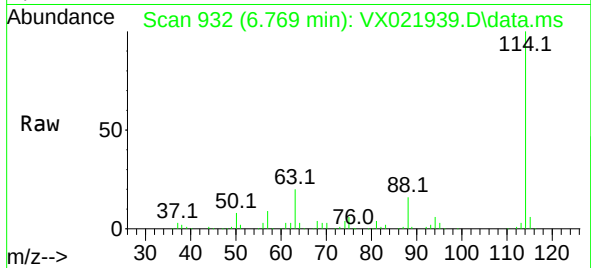




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

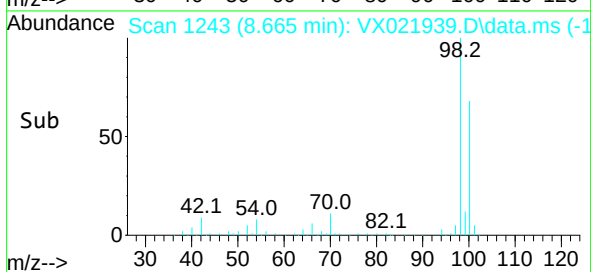
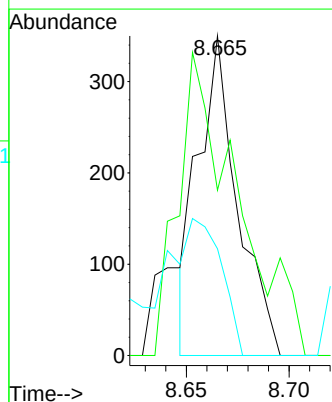
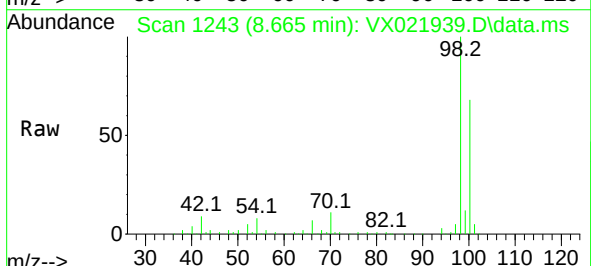
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

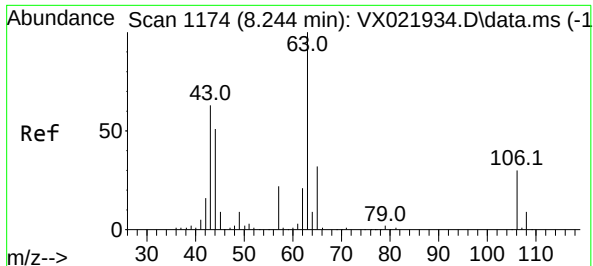
Tgt Ion:114 Resp: 121362
Ion Ratio Lower Upper
114 100
63 19.9 16.6 25.0
88 16.3 13.1 19.7



#51
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 8.665 min Scan# 1243
Delta R.T. -0.457 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion: 69 Resp: 469
Ion Ratio Lower Upper
69 100
41 21.1 31.1 93.5#
39 33.4 18.3 54.9

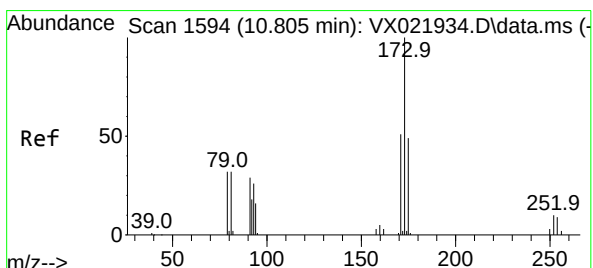
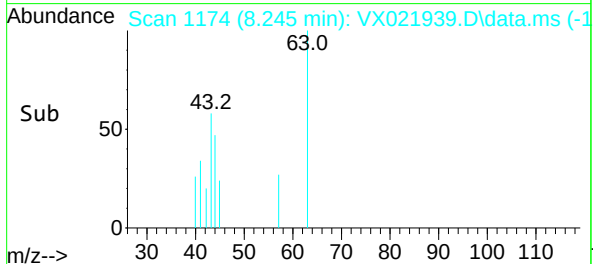
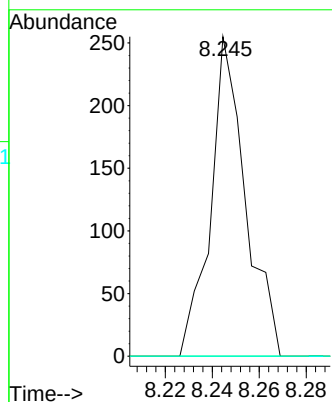
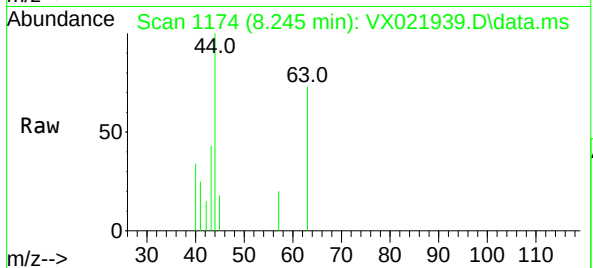




#55
2-Chloroethyl vinyl ether
Concen: 0.22 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

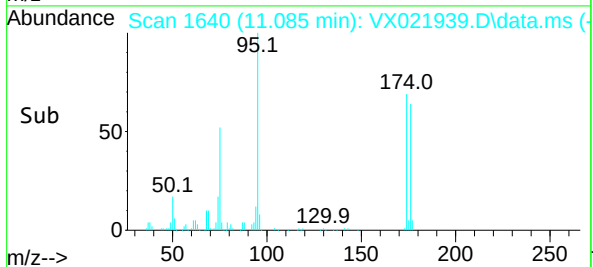
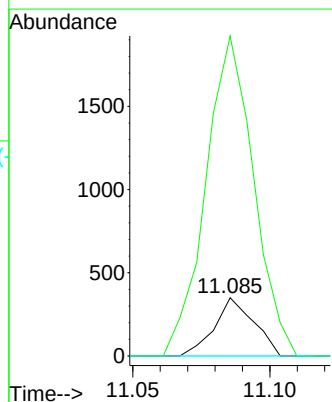
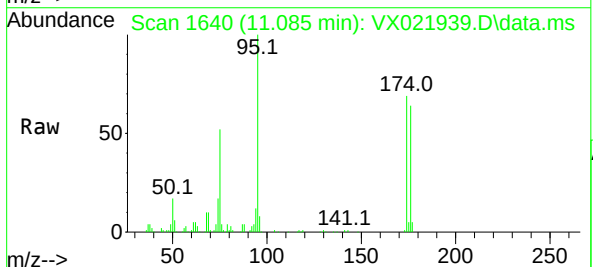
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

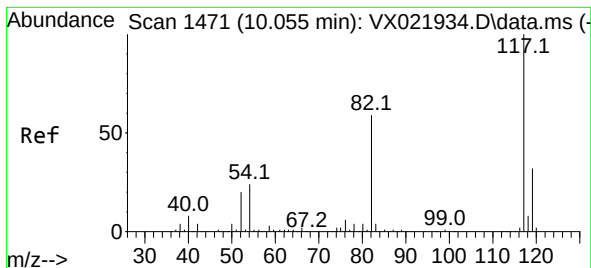
Tgt Ion: 63 Resp: 263
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#
106 0.0 23.2 34.8#



#56
Bromoform
Concen: 0.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.281 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion: 173 Resp: 350
Ion Ratio Lower Upper
173 100
175 668.3 39.4 59.2#
254 0.0 8.0 12.0#

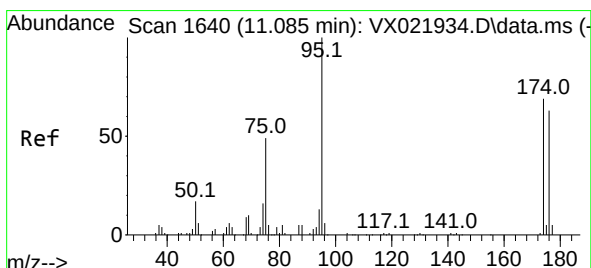
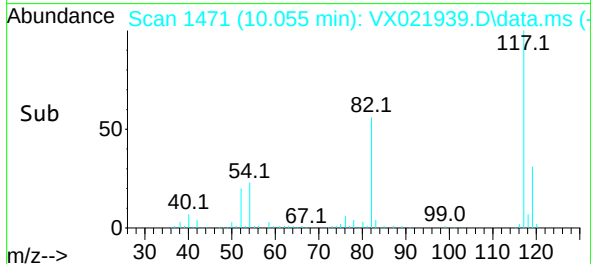
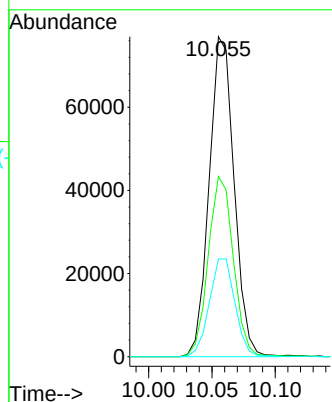
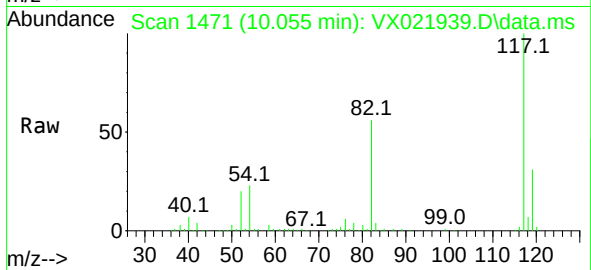




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

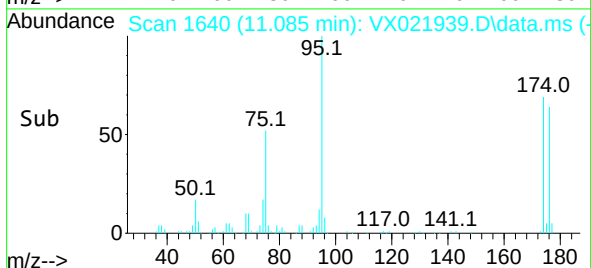
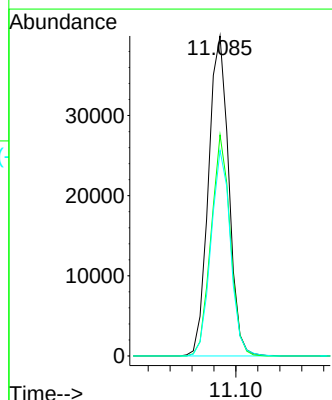
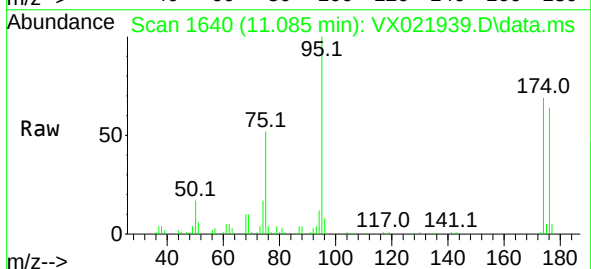
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

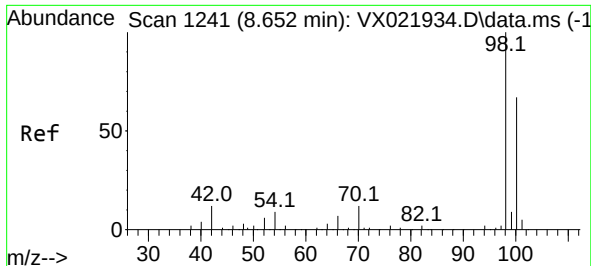
Tgt Ion:117 Resp: 105505
Ion Ratio Lower Upper
117 100
82 56.9 44.9 67.3
119 31.5 25.0 37.6



#60
4-Bromofluorobenzene
Concen: 29.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion: 95 Resp: 51310
Ion Ratio Lower Upper
95 100
174 65.2 52.2 78.2
176 61.9 49.3 73.9

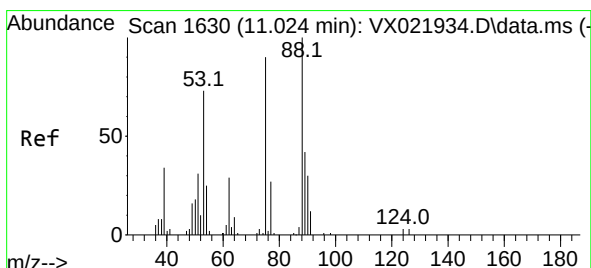
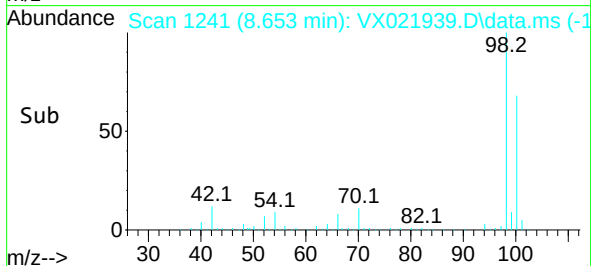
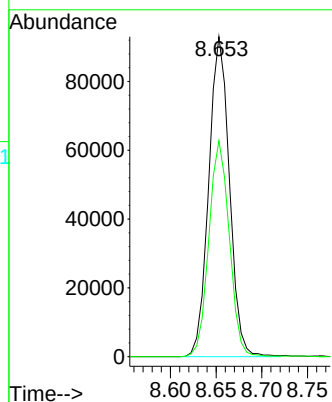
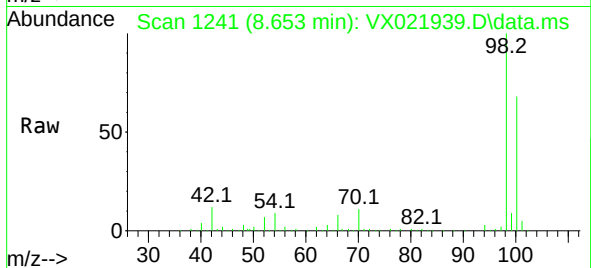




#63
Toluene-d8
Concen: 30.29 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Tgt Ion: 98 Resp: 146057
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#77
t-1,4-Dichloro-2-butene
Concen: 34.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX021939.D
Acq: 12 May 2021 20:52

Tgt Ion: 75 Resp: 25984
Ion Ratio Lower Upper
75 100
53 0.0 40.2 120.6#
89 0.0 23.4 70.0#

