

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
 Data File : VX024060.D
 Acq On : 01 Sep 2021 13:04
 Operator : JC/MD
 Sample : M3610-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 02 07:08:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

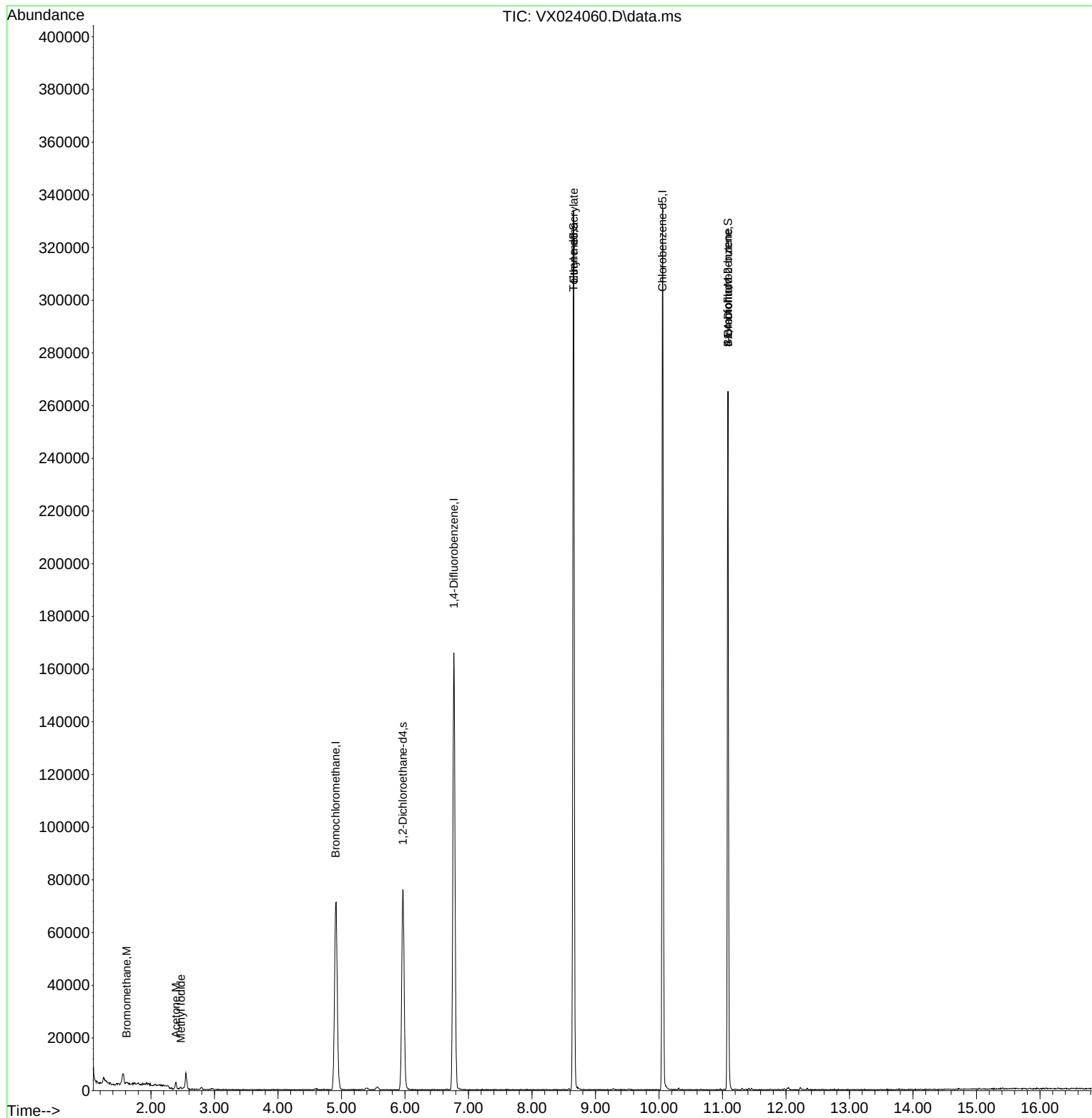
Internal Standards						
1) Bromochloromethane	4.910	128	30222	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	160991	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146261	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	77140	33.01	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.03%#
60) 4-Bromofluorobenzene	11.086	95	65003	27.13	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.43%
63) Toluene-d8	8.653	98	192696	29.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.57%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	578	0.49	ug/l #	50
11) Methyl Iodide	2.471	142	998	0.41	ug/l	79
15) Acetone	2.392	58	709	2.03	ug/l #	41
51) Ethyl methacrylate	8.659	69	811	0.25	ug/l	84
56) Bromoform	11.086	173	537	0.37	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.086	75	36229	36.87	ug/l #	7

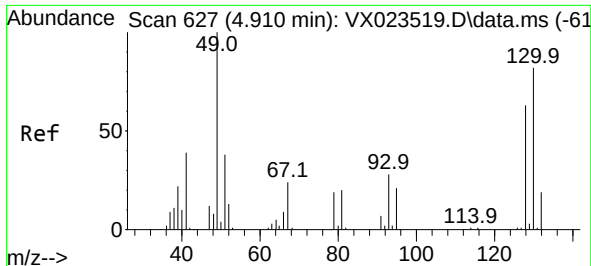
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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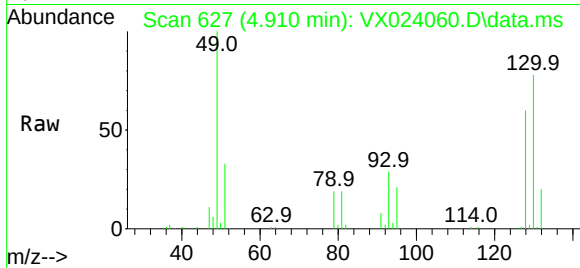
Quant Time: Sep 02 07:08:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Aug 03 12:05:42 2021
Response via : Initial Calibration



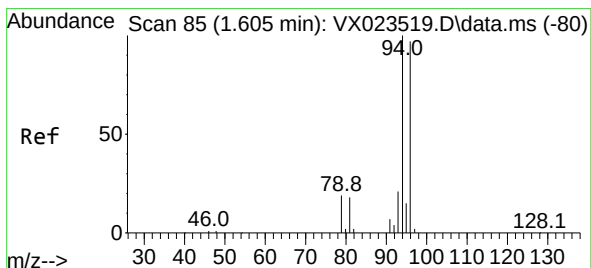
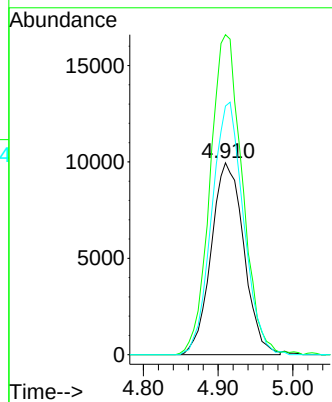
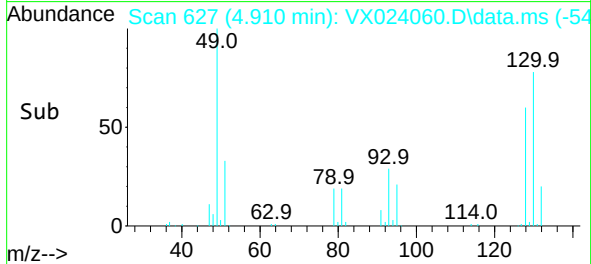


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

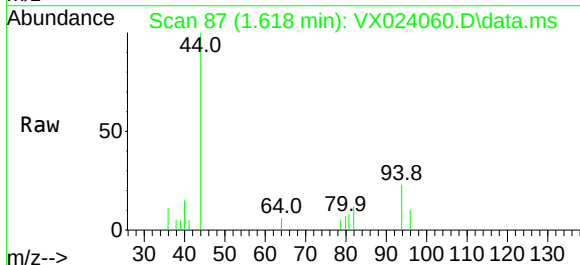
Instrument :
MSVOA_X
ClientSampled :



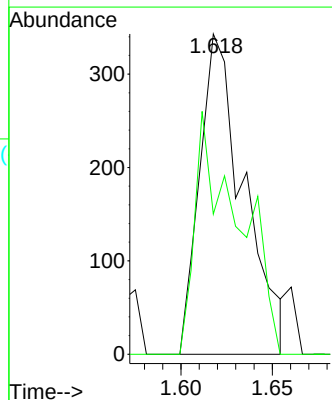
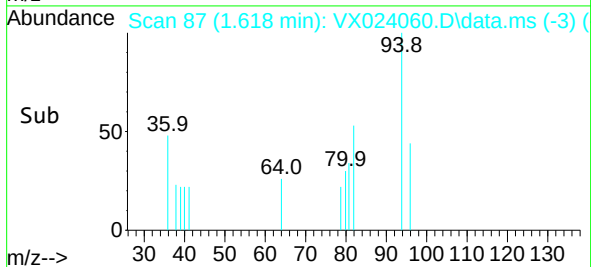
Tgt Ion:128 Resp: 30222
Ion Ratio Lower Upper
128 100
49 163.8 0.0 402.5
130 127.9 0.0 326.5

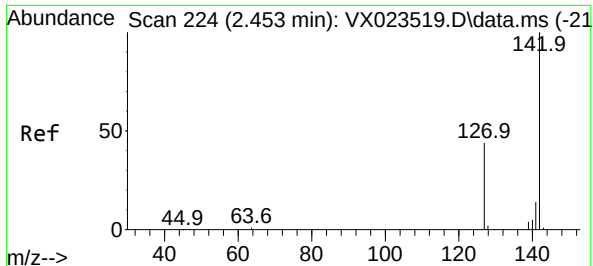


#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04



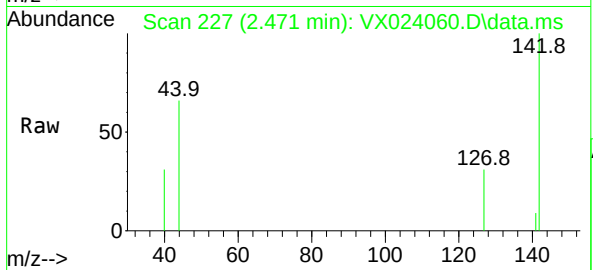
Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 43.7 72.8 109.2#





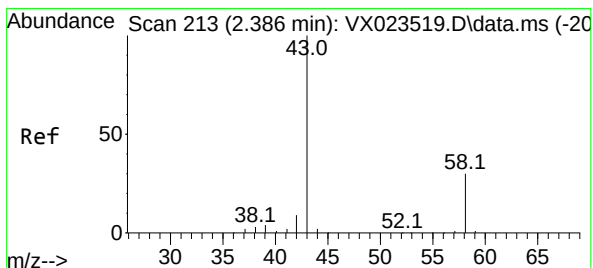
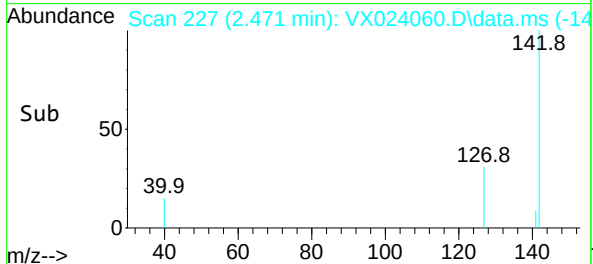
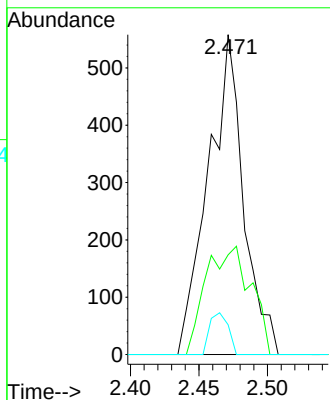
#11
Methyl Iodide
Concen: 0.41 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:142 Resp: 998

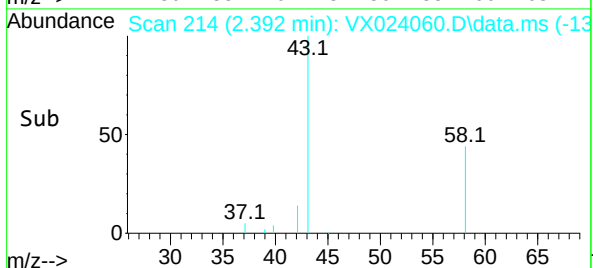
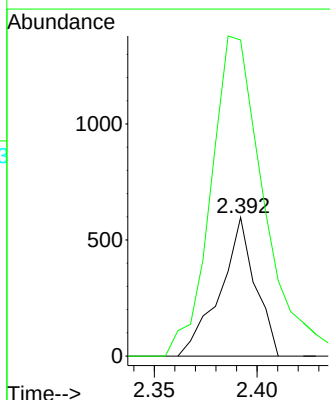
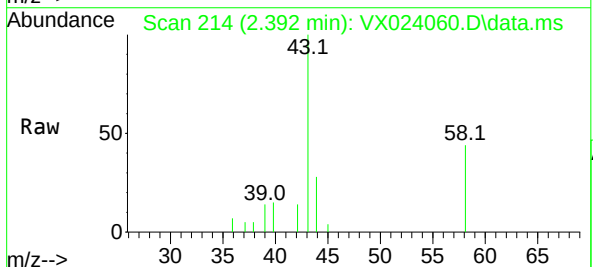
Ion	Ratio	Lower	Upper
142	100		
127	31.2	23.6	71.0
141	9.3	7.1	21.3

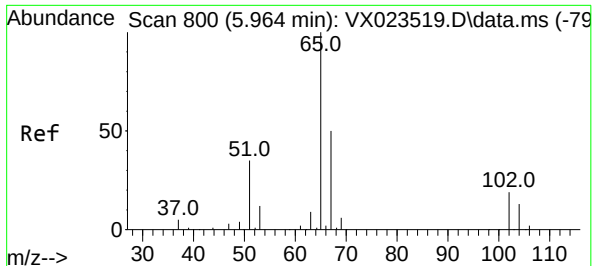


#15
Acetone
Concen: 2.03 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

Tgt Ion: 58 Resp: 709

Ion	Ratio	Lower	Upper
58	100		
43	209.9	266.6	400.0#





#27

1,2-Dichloroethane-d4

Concen: 33.01 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024060.D

Acq: 01 Sep 2021 13:04

Tgt Ion: 65 Resp: 77140

Ion Ratio Lower Upper

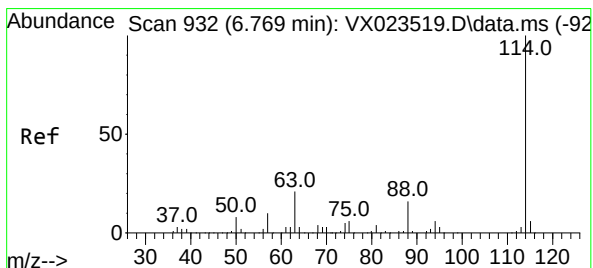
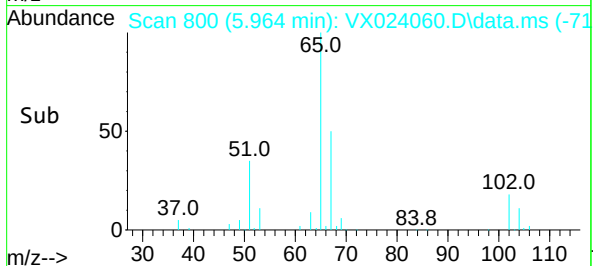
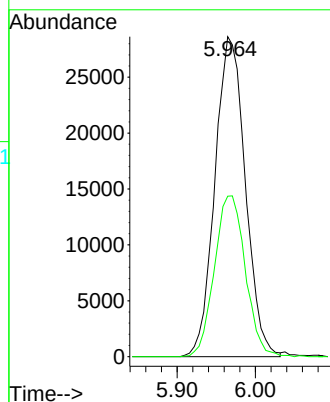
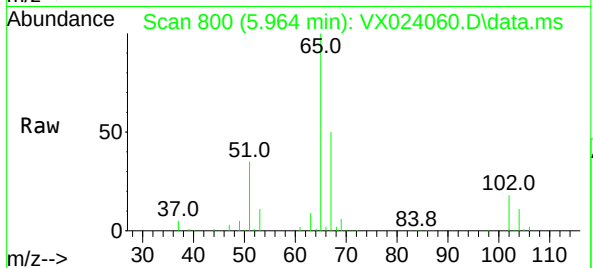
65 100

67 51.0 42.4 63.6

Instrument :

MSVOA_X

ClientSampled :



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024060.D

Acq: 01 Sep 2021 13:04

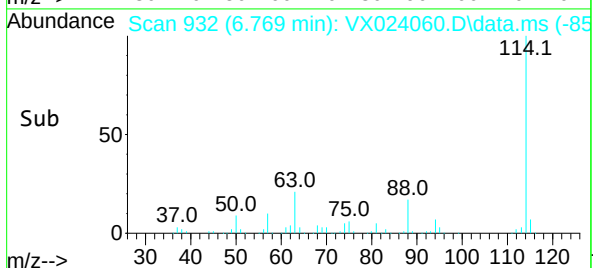
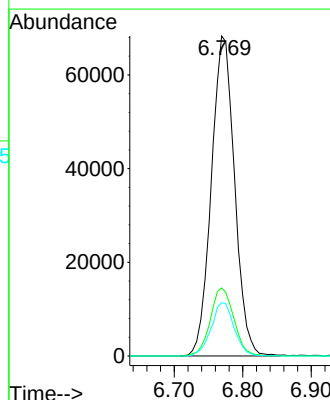
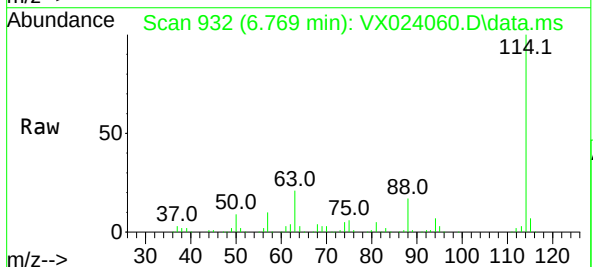
Tgt Ion: 114 Resp: 160991

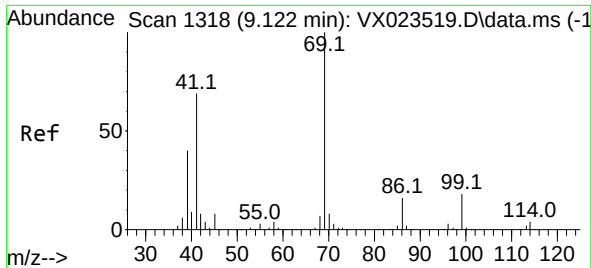
Ion Ratio Lower Upper

114 100

63 21.4 16.4 24.6

88 16.4 12.7 19.1

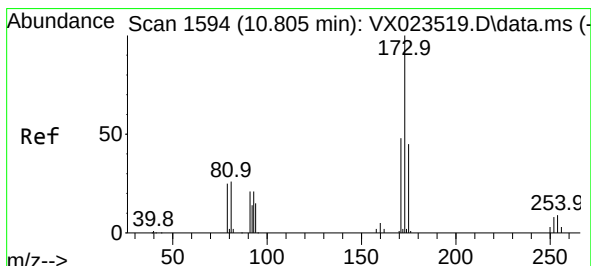
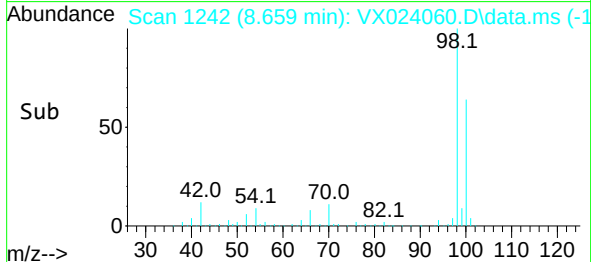
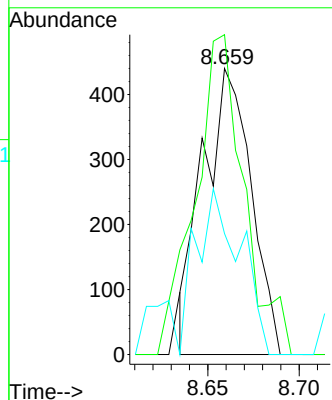
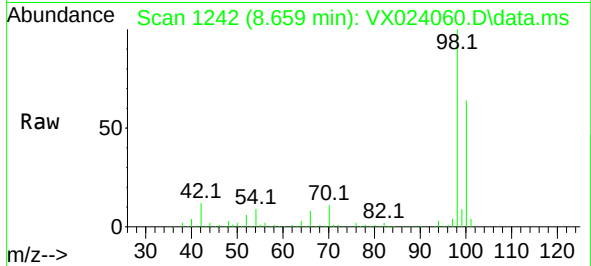




#51
Ethyl methacrylate
Concen: 0.25 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. -0.463 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

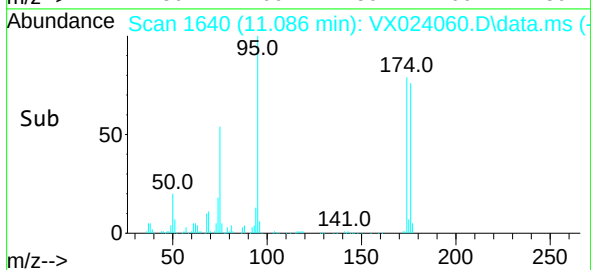
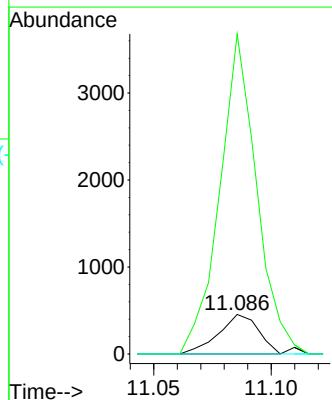
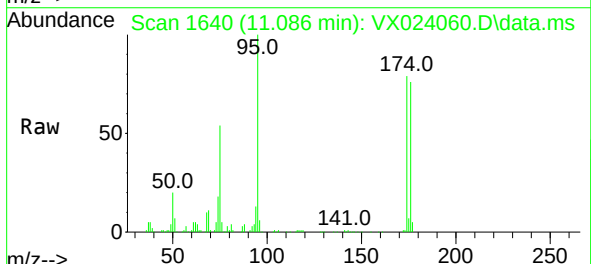
Instrument :
MSVOA_X
ClientSampled :

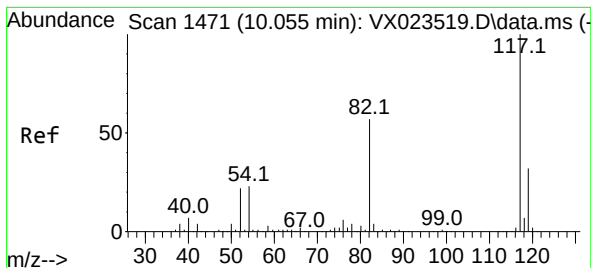
Tgt Ion: 69 Resp: 811
Ion Ratio Lower Upper
69 100
41 91.6 35.8 107.3
39 42.3 20.3 60.8



#56
Bromoform
Concen: 0.37 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.281 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

Tgt Ion: 173 Resp: 537
Ion Ratio Lower Upper
173 100
175 748.4 38.4 57.6#
254 0.0 7.3 10.9#

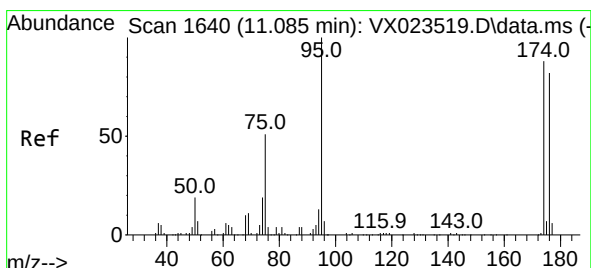
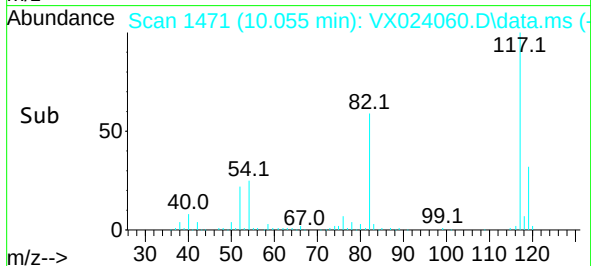
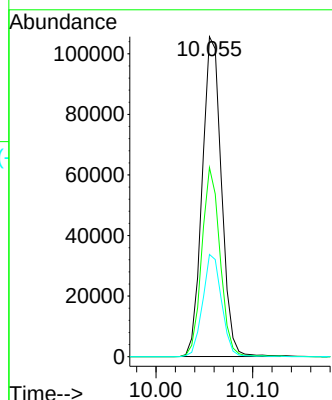
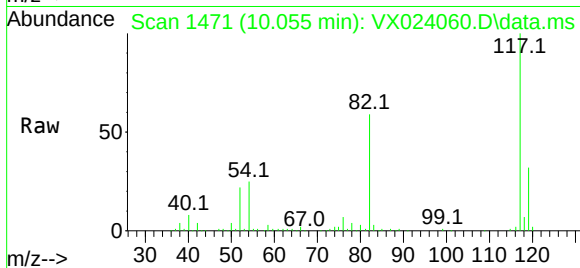




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

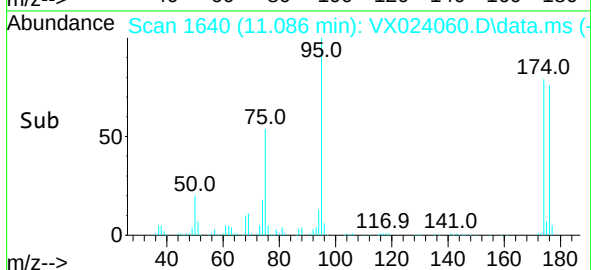
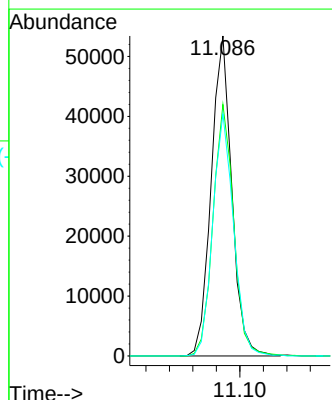
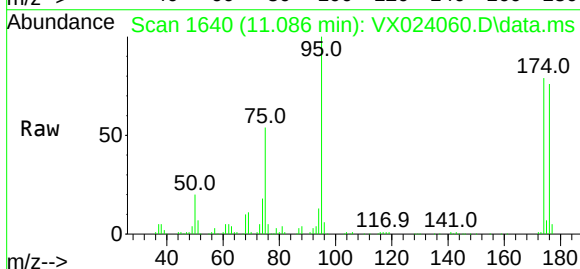
Instrument :
MSVOA_X
ClientSampled :

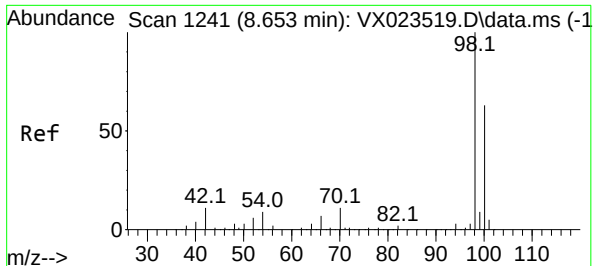
Tgt Ion:117 Resp: 146261
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 31.5 26.2 39.2



#60
4-Bromofluorobenzene
Concen: 27.13 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

Tgt Ion: 95 Resp: 65003
Ion Ratio Lower Upper
95 100
174 78.9 63.5 95.3
176 76.4 63.0 94.4

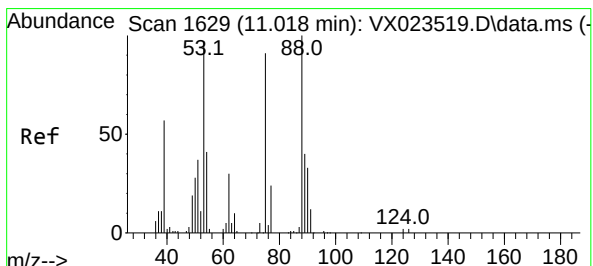
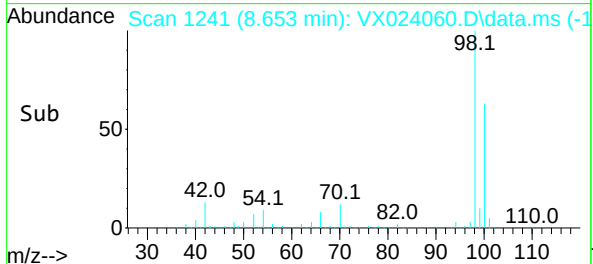
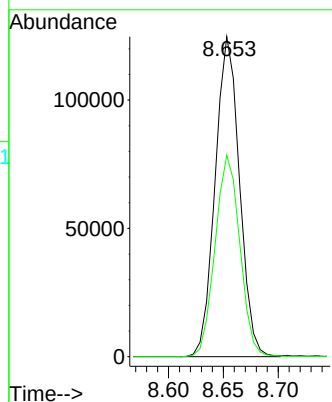
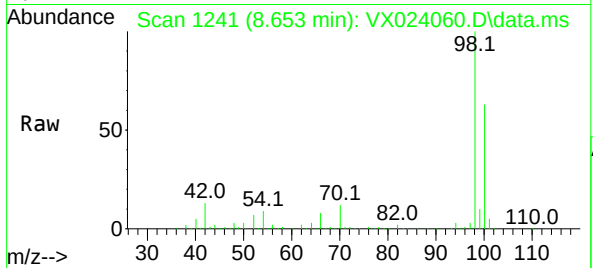




#63
Toluene-d8
Concen: 29.27 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 98 Resp: 192696
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#77
t-1,4-Dichloro-2-butene
Concen: 36.87 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX024060.D
Acq: 01 Sep 2021 13:04

Tgt Ion: 75 Resp: 36229
Ion Ratio Lower Upper
75 100
53 0.0 53.9 161.7#
89 0.0 22.9 68.7#

