

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
 Data File : VX024061.D
 Acq On : 01 Sep 2021 13:27
 Operator : JC/MD
 Sample : M3580-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 02 07:08:58 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)

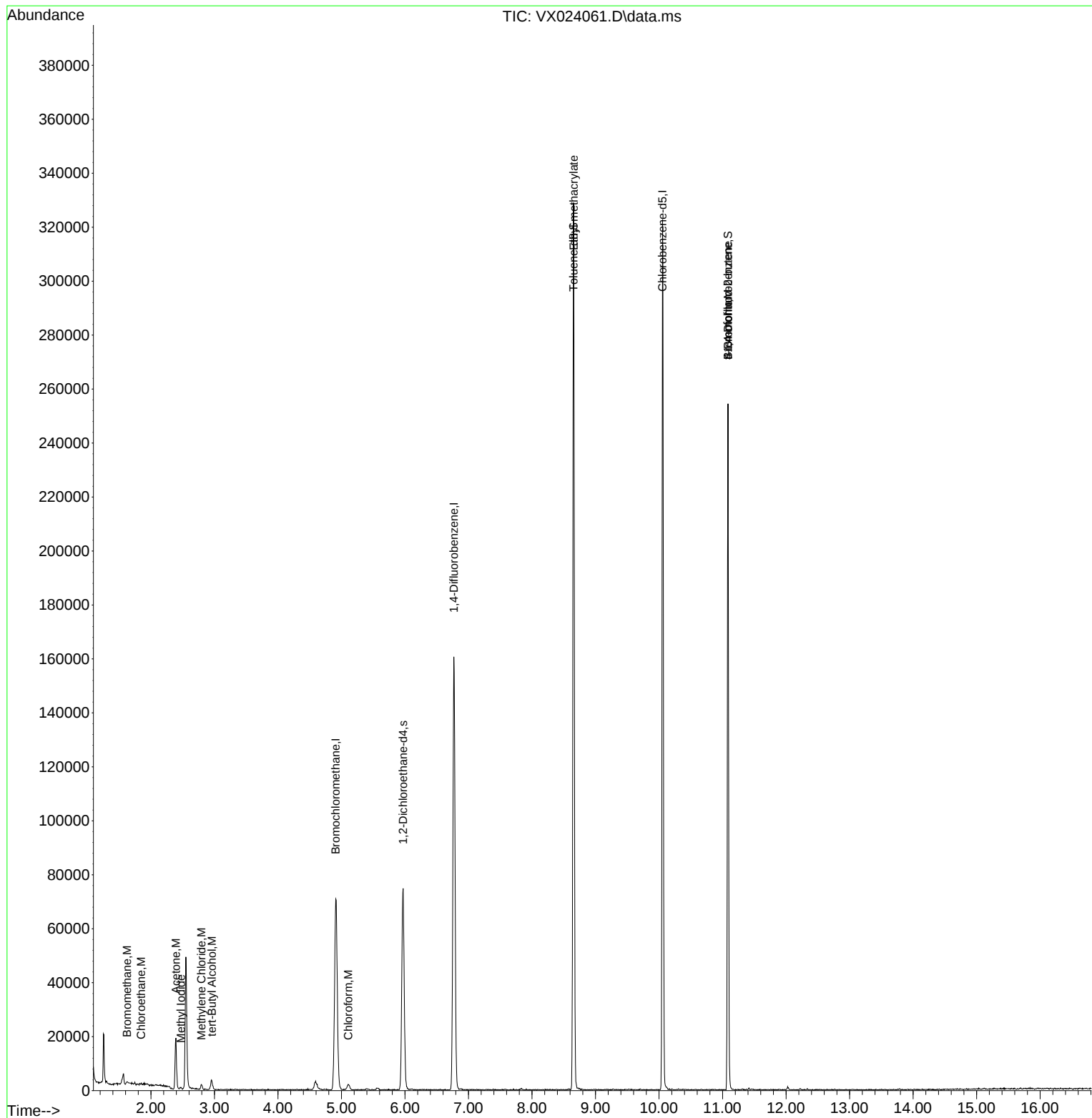
Internal Standards						
1) Bromochloromethane	4.909	128	29192	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	155298	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138539	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	75056	33.25	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.83%#			
60) 4-Bromofluorobenzene	11.085	95	62948	27.74	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.47%			
63) Toluene-d8	8.653	98	187124	30.01	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.03%			
Target Compounds						
						Qvalue
5) Bromomethane	1.623	94	560	0.49	ug/l #	75
6) Chloroethane	1.843	64	419	0.34	ug/l	89
11) Methyl Iodide	2.471	142	861	0.36	ug/l	97
15) Acetone	2.392	58	5562	16.45	ug/l	91
18) Methylene Chloride	2.794	84	793	0.40	ug/l	97
23) tert-Butyl Alcohol	2.958	59	2170	4.29	ug/l #	100
25) Chloroform	5.104	83	2327	0.67	ug/l	93
51) Ethyl methacrylate	8.659	69	621	0.20	ug/l	87
56) Bromoform	11.085	173	508	0.36	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.085	75	34925	37.53	ug/l #	7

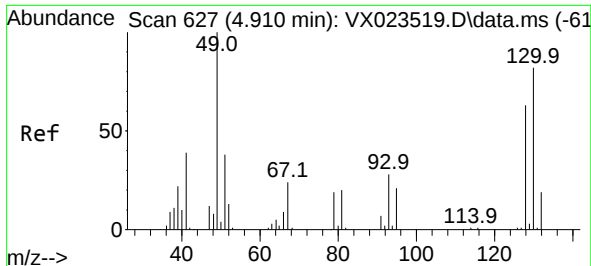
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
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Instrument :
MSVOA_X
ClientSampleId :

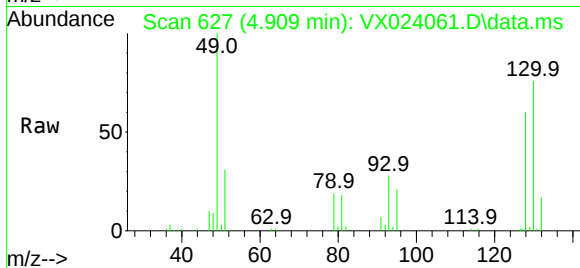
Quant Time: Sep 02 07:08:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Aug 03 12:05:42 2021
Response via : Initial Calibration



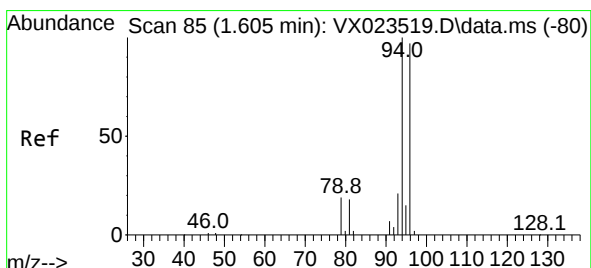
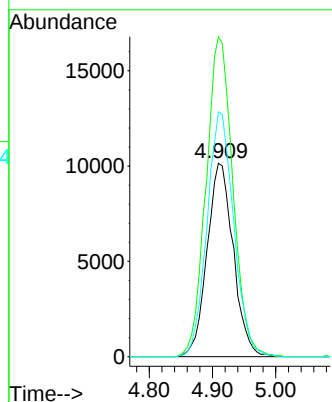
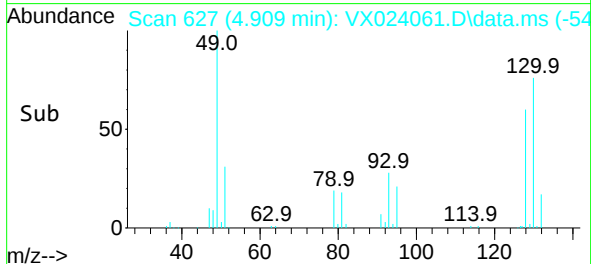


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.909 min Scan# 627
Delta R.T. -0.001 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

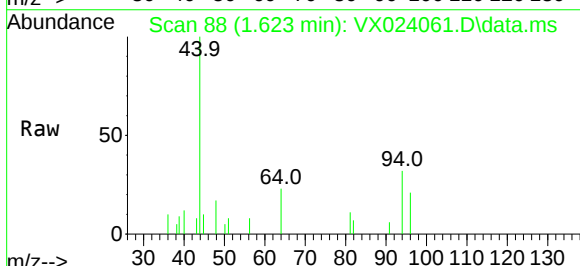
Instrument :
MSVOA_X
ClientSampled :



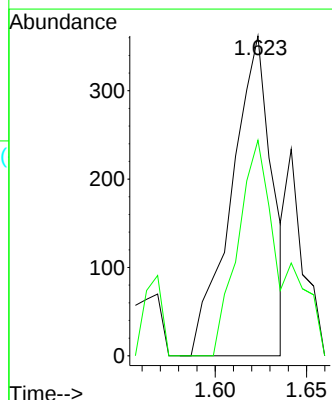
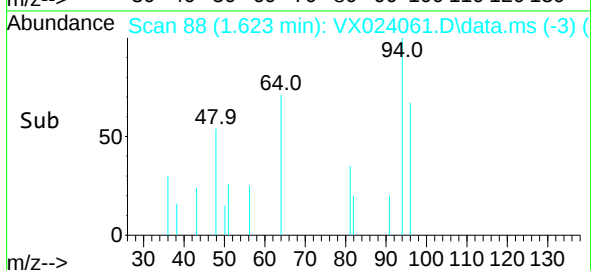
Tgt Ion:128 Resp: 29192
Ion Ratio Lower Upper
128 100
49 168.9 0.0 402.5
130 129.4 0.0 326.5

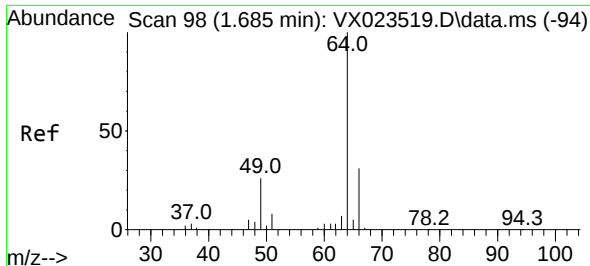


#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27



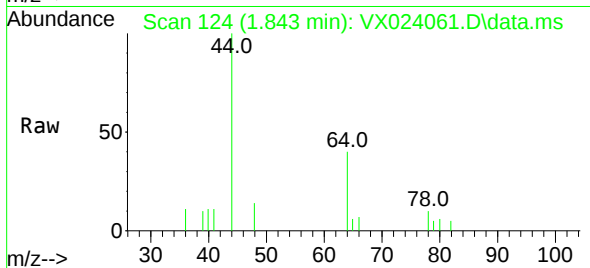
Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 67.4 72.8 109.2#



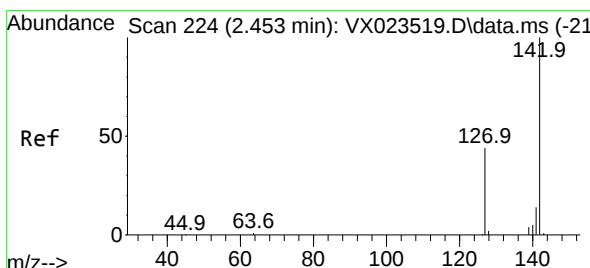
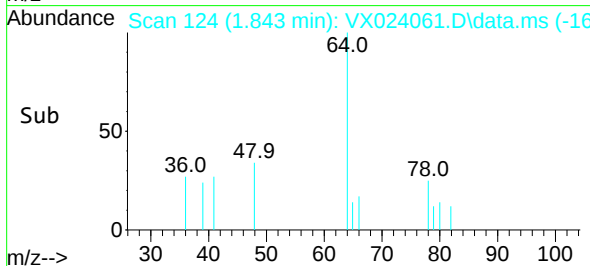
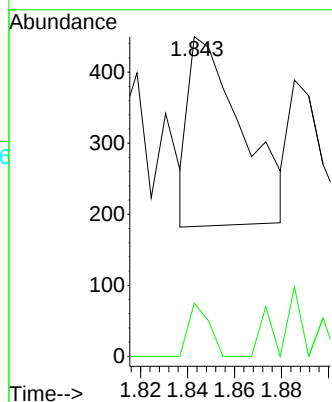


#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.843 min Scan# 124
Delta R.T. 0.158 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Instrument :
MSVOA_X
ClientSampled :

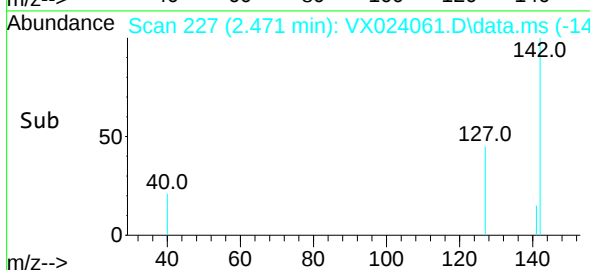
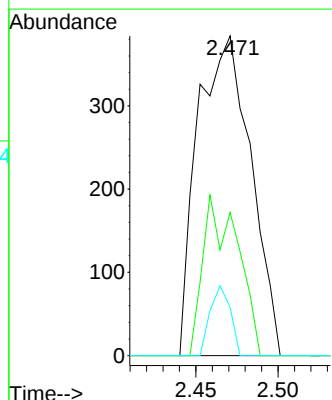
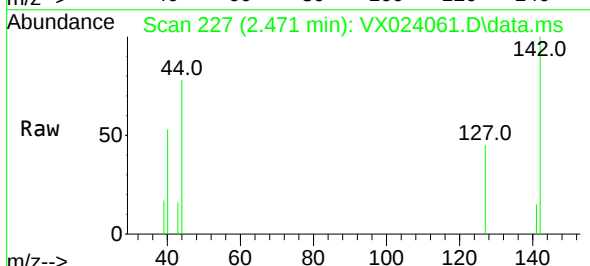


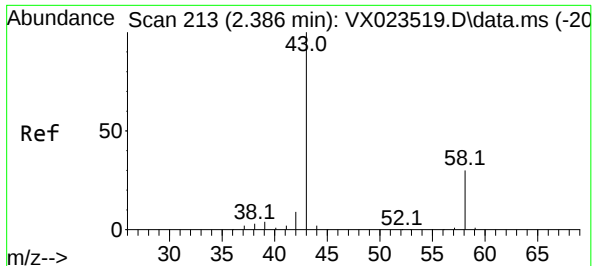
Tgt Ion: 64 Resp: 419
Ion Ratio Lower Upper
64 100
66 39.7 26.8 40.2



#11
Methyl Iodide
Concen: 0.36 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Tgt Ion: 142 Resp: 861
Ion Ratio Lower Upper
142 100
127 44.8 23.6 71.0
141 15.1 7.1 21.3

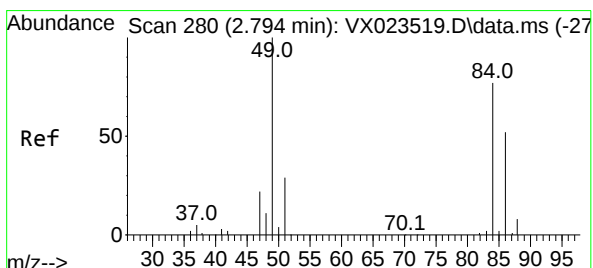
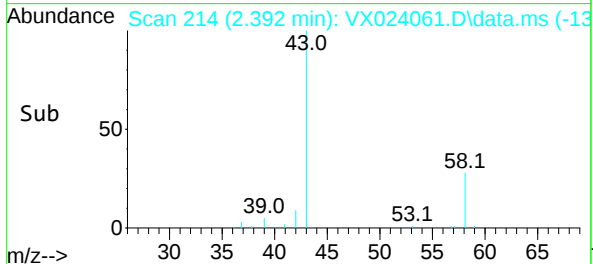
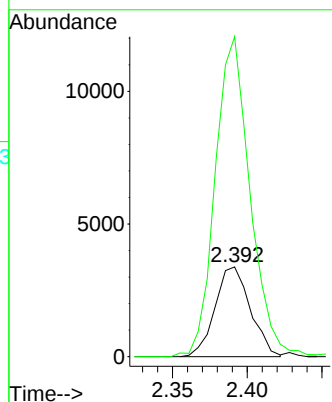
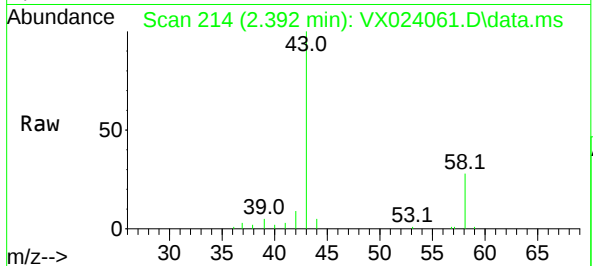




#15
Acetone
Concen: 16.45 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

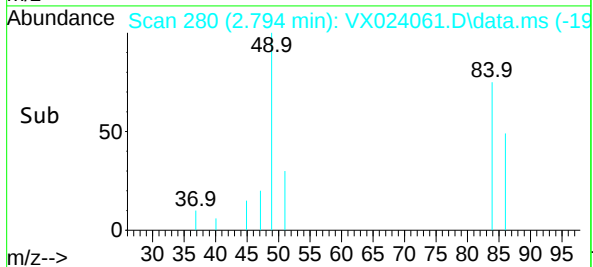
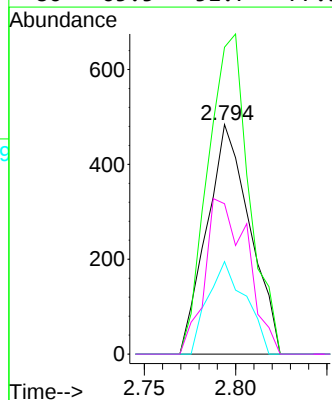
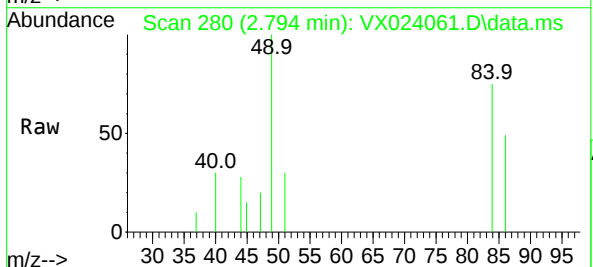
Instrument :
MSVOA_X
ClientSampled :

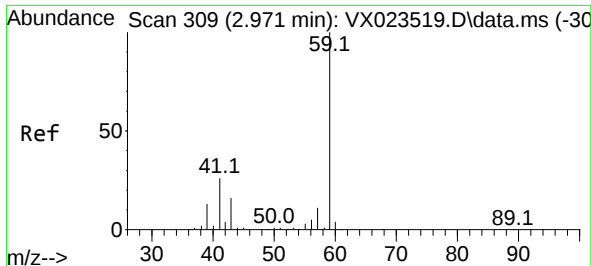
Tgt Ion: 58 Resp: 5562
Ion Ratio Lower Upper
58 100
43 352.5 266.6 400.0



#18
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Tgt Ion: 84 Resp: 793
Ion Ratio Lower Upper
84 100
49 133.7 104.3 156.5
51 40.3 30.3 45.5
86 65.5 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 4.29 ug/l

RT: 2.958 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX024061.D

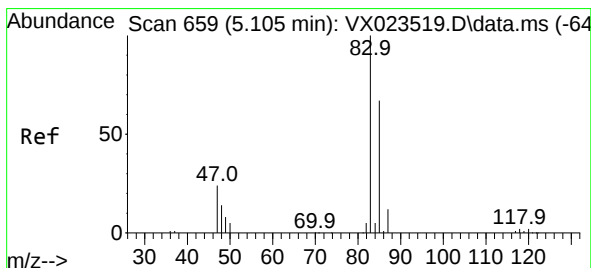
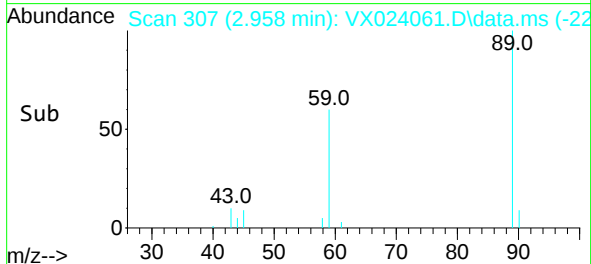
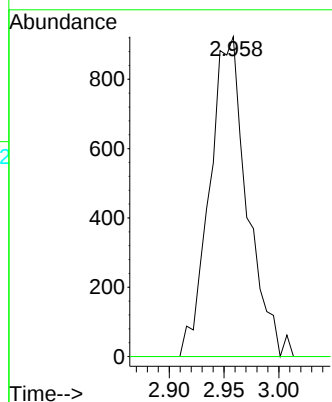
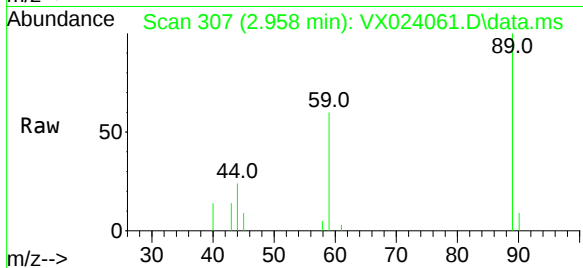
Acq: 01 Sep 2021 13:27

Tgt Ion: 59 Resp: 2170

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#25

Chloroform

Concen: 0.67 ug/l

RT: 5.104 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024061.D

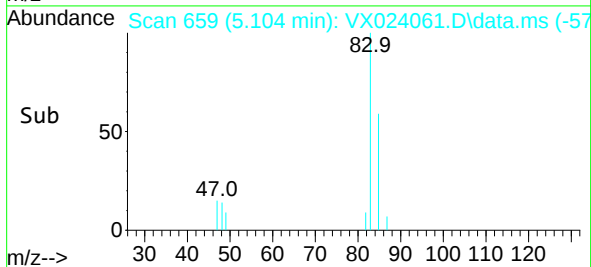
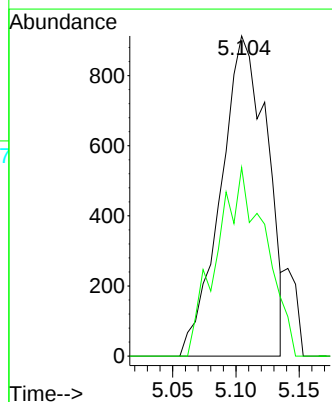
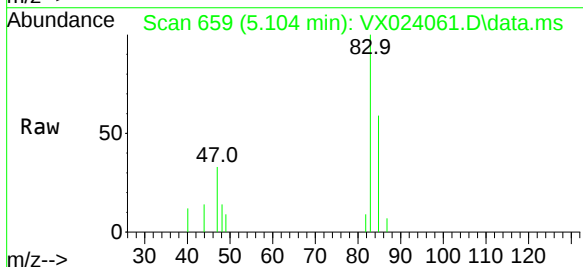
Acq: 01 Sep 2021 13:27

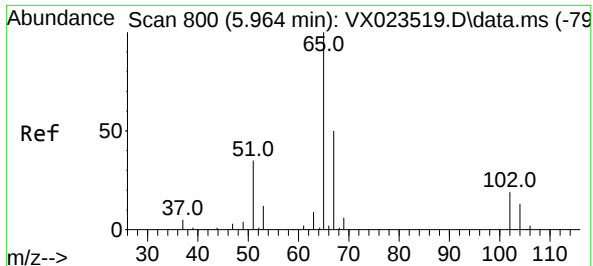
Tgt Ion: 83 Resp: 2327

Ion Ratio Lower Upper

83 100

85 58.9 51.8 77.8





#27

1,2-Dichloroethane-d4

Concen: 33.25 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX024061.D

Acq: 01 Sep 2021 13:27

Tgt Ion: 65 Resp: 75056

Ion Ratio Lower Upper

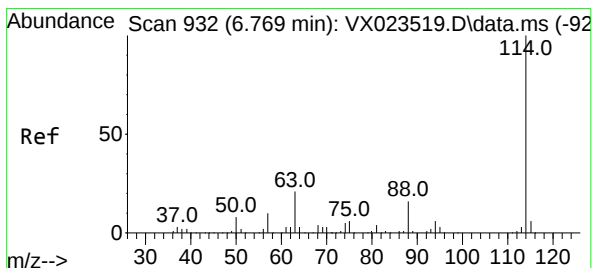
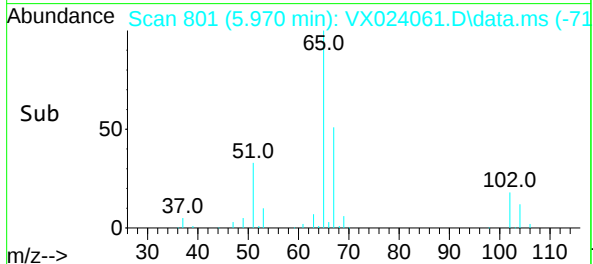
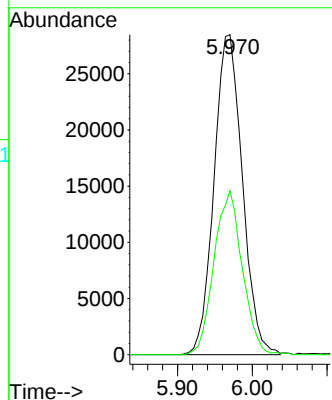
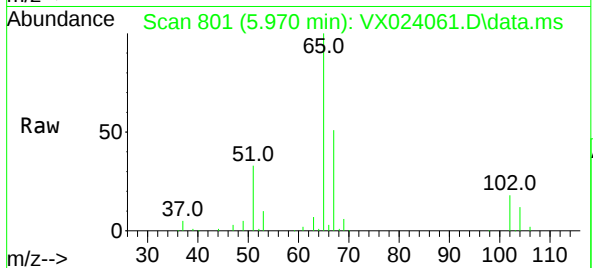
65 100

67 50.8 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: VX024061.D

Acq: 01 Sep 2021 13:27

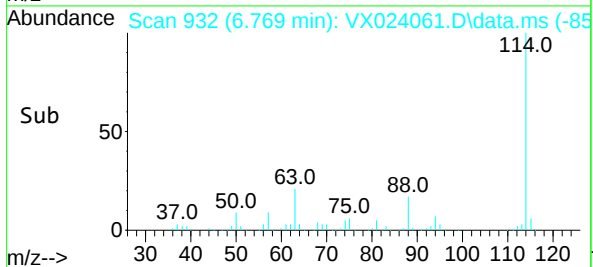
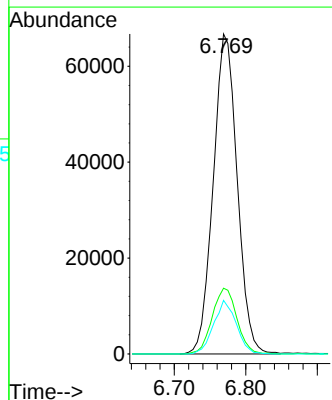
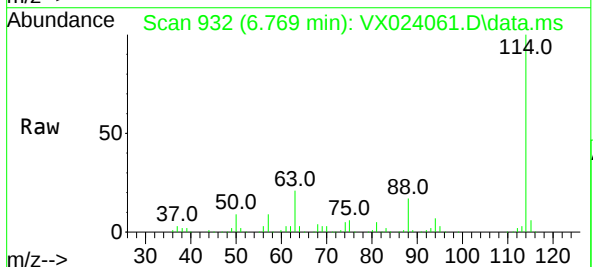
Tgt Ion: 114 Resp: 155298

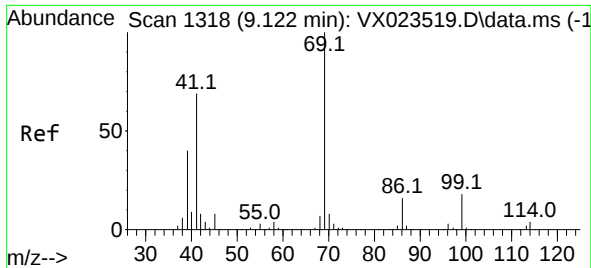
Ion Ratio Lower Upper

114 100

63 21.2 16.4 24.6

88 15.8 12.7 19.1

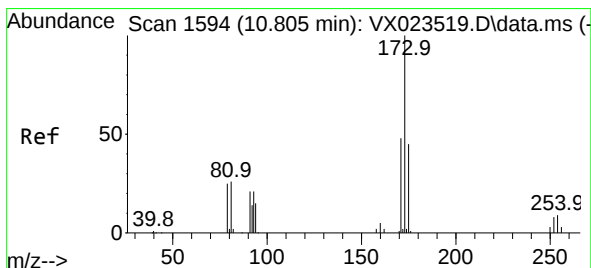
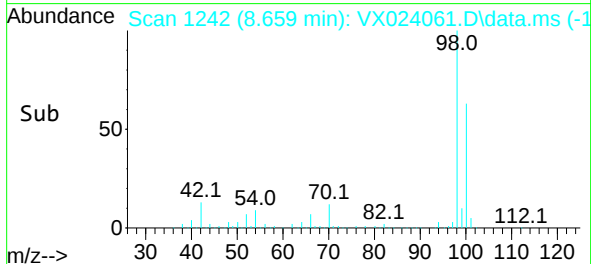
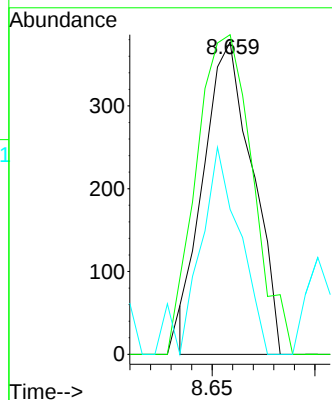
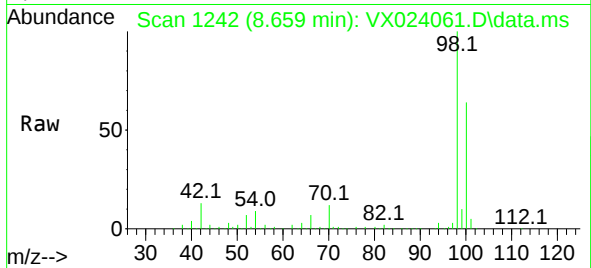




#51
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. -0.464 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

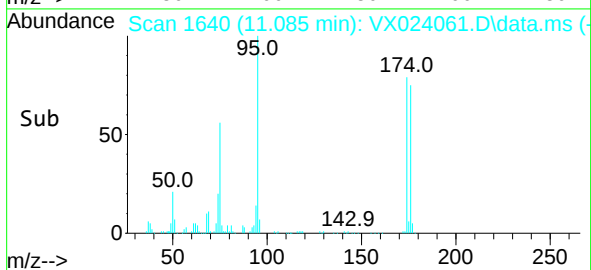
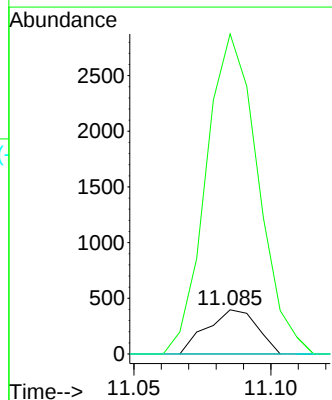
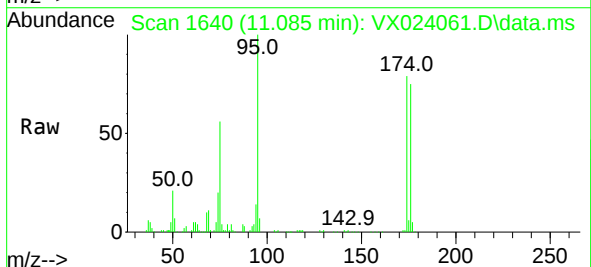
Instrument :
MSVOA_X
ClientSampleId :

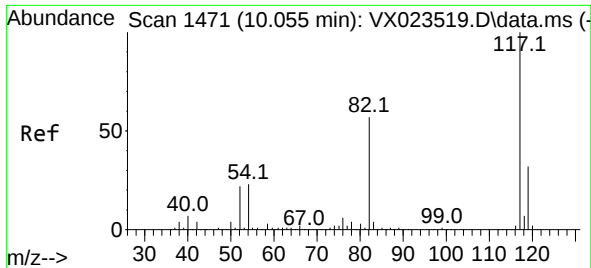
Tgt Ion:	69	Resp:	621
Ion	Ratio	Lower	Upper
69	100		
41	83.3	35.8	107.3
39	46.4	20.3	60.8



#56
Bromoform
Concen: 0.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.280 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Tgt Ion:	173	Resp:	508
Ion	Ratio	Lower	Upper
173	100		
175	747.2	38.4	57.6#
254	0.0	7.3	10.9#

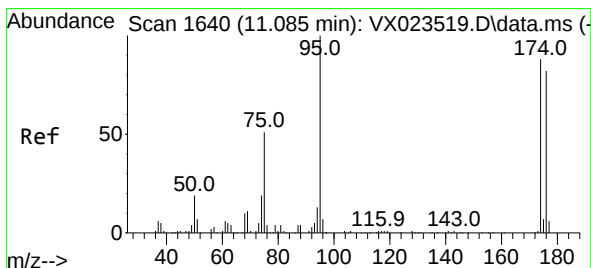
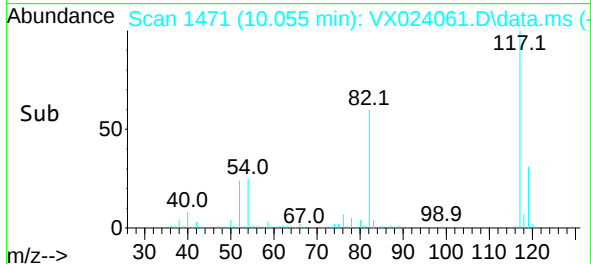
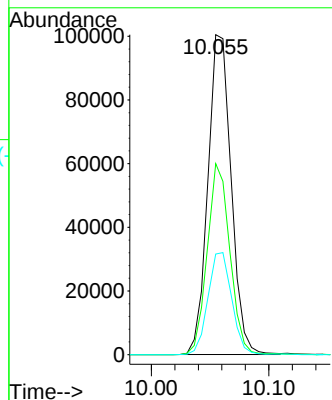
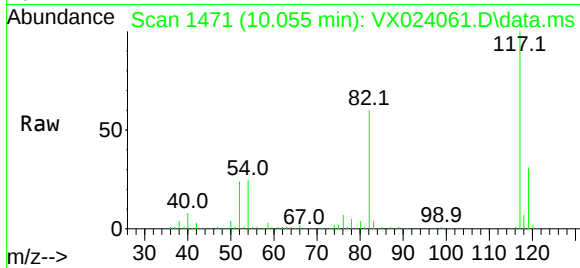




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

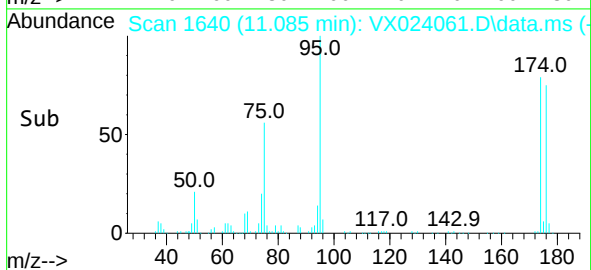
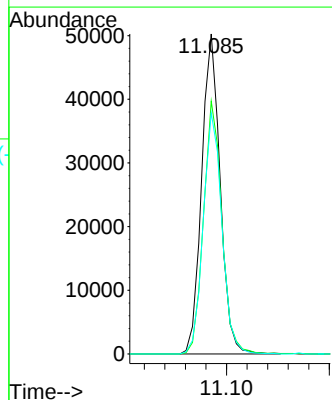
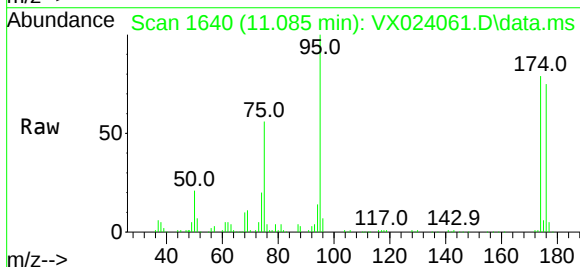
Instrument :
MSVOA_X
ClientSampled :

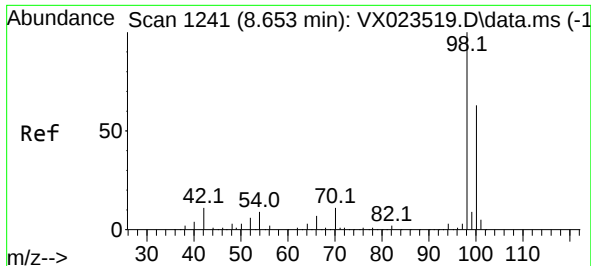
Tgt Ion:117 Resp: 138539
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.4 26.2 39.2



#60
4-Bromofluorobenzene
Concen: 27.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Tgt Ion: 95 Resp: 62948
Ion Ratio Lower Upper
95 100
174 78.2 63.5 95.3
176 76.2 63.0 94.4

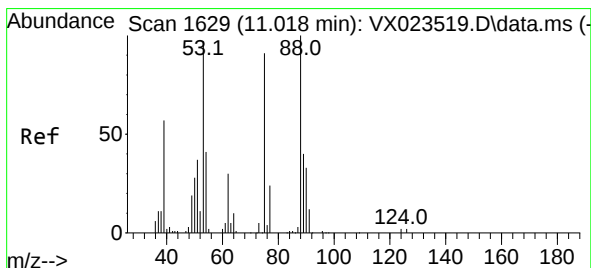
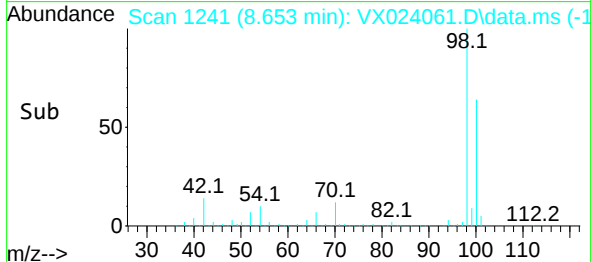
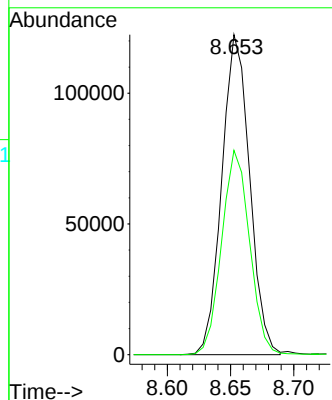
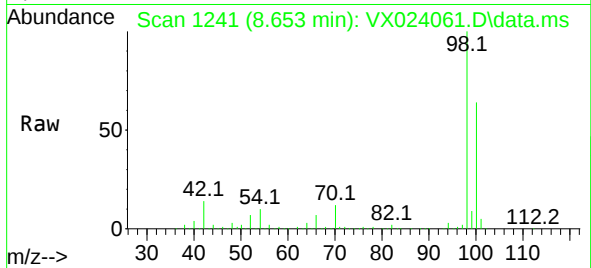




#63
Toluene-d8
Concen: 30.01 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 98 Resp: 187124
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#77
t-1,4-Dichloro-2-butene
Concen: 37.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX024061.D
Acq: 01 Sep 2021 13:27

Tgt Ion: 75 Resp: 34925
Ion Ratio Lower Upper
75 100
53 0.0 53.9 161.7#
89 0.0 22.9 68.7#

