

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
 Data File : VX024064.D
 Acq On : 01 Sep 2021 14:38
 Operator : JC/MD
 Sample : M3610-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 02 07:09:48 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)

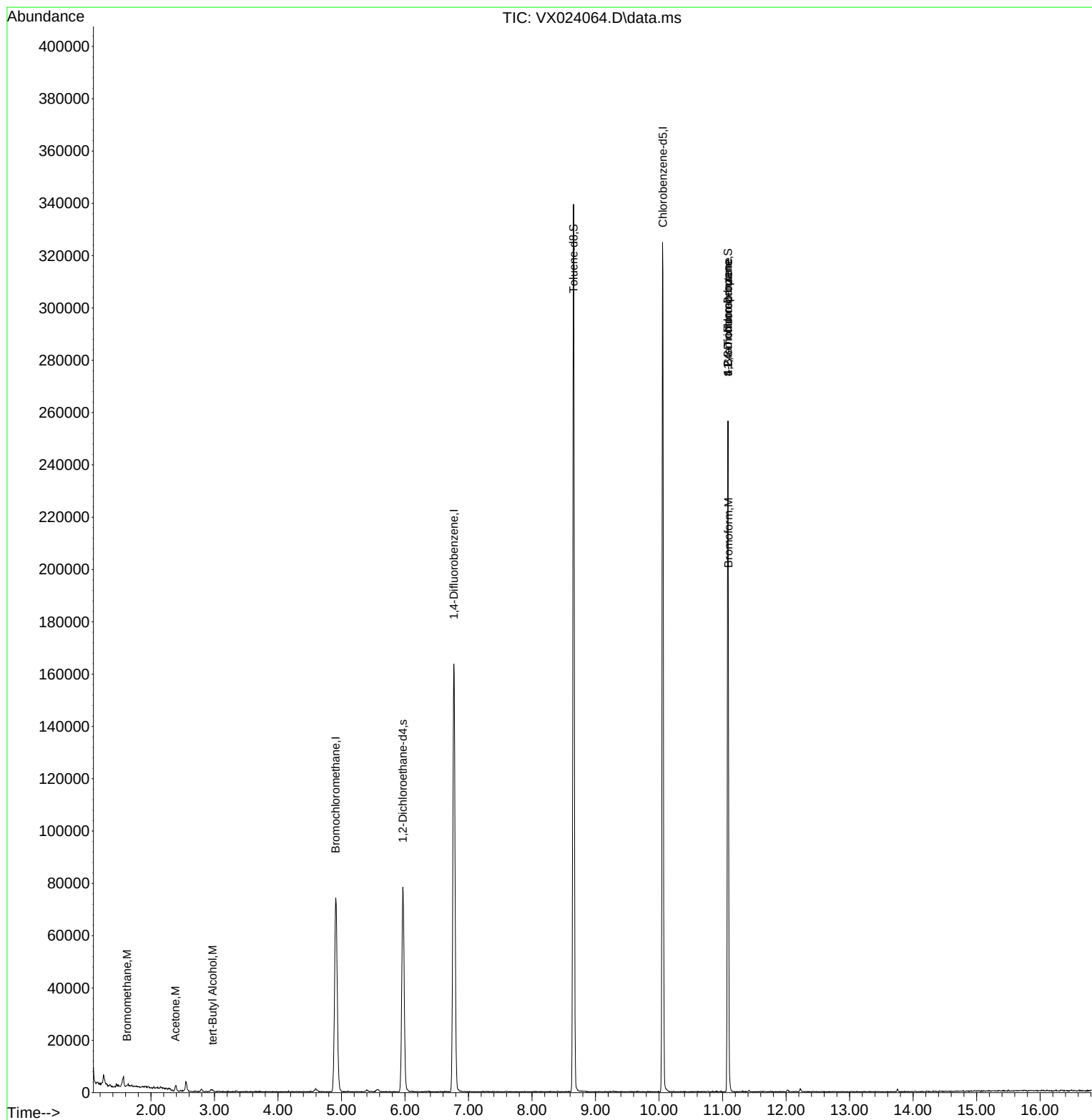
Internal Standards						
1) Bromochloromethane	4.910	128	30215	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	161930	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.061	117	142917	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	77986	33.37	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.23%#
60) 4-Bromofluorobenzene	11.085	95	64753	27.66	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.20%
63) Toluene-d8	8.653	98	193285	30.05	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.17%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	467	0.40	ug/l #	75
15) Acetone	2.386	58	707	2.02	ug/l #	61
23) tert-Butyl Alcohol	2.971	59	432	0.82	ug/l #	100
56) Bromoform	11.092	173	557	0.38	ug/l #	1
72) 1,2,3-Trichloropropane	11.085	75	35763	13.30	ug/l	38
77) t-1,4-Dichloro-2-butene	11.085	75	35763	37.25	ug/l #	7

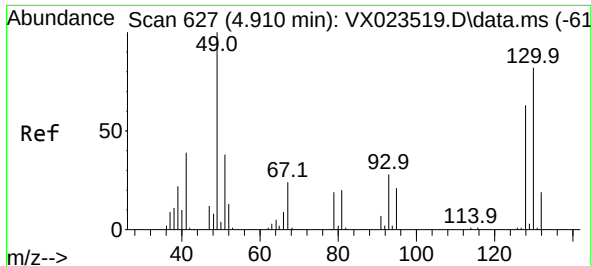
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
Data File : VX024064.D
Acq On : 01 Sep 2021 14:38
Operator : JC/MD
Sample : M3610-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 02 07:09:48 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

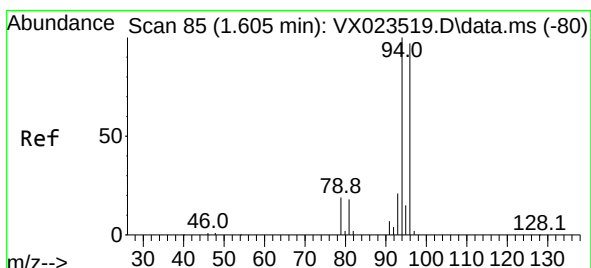
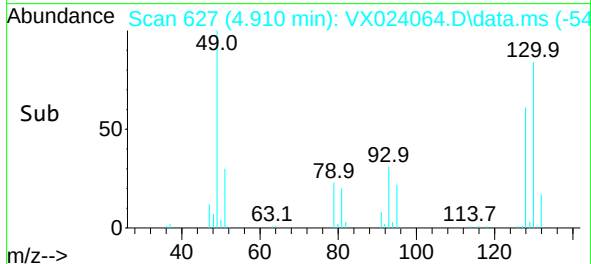
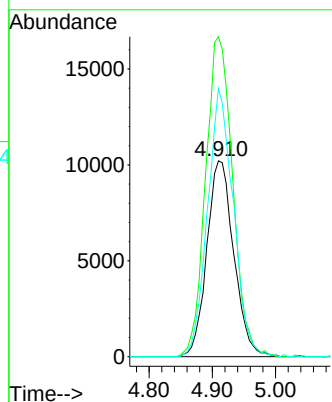
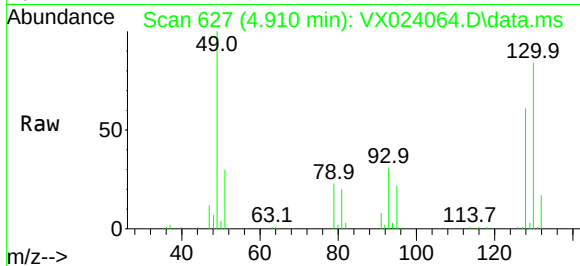




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

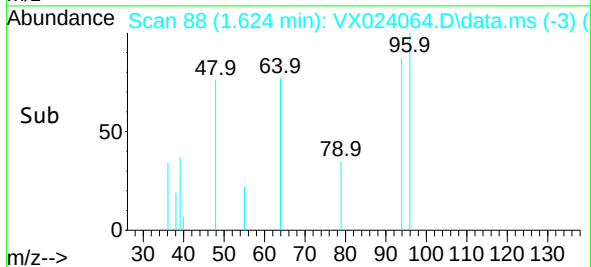
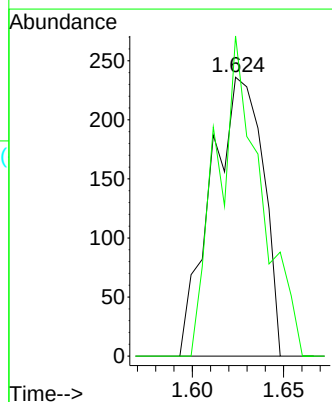
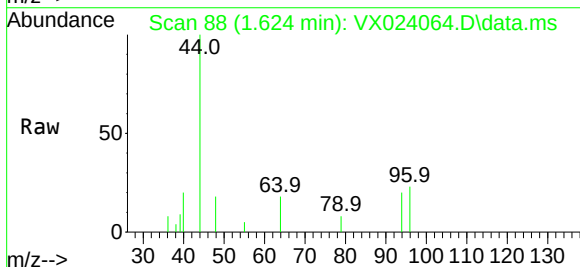
Instrument :
MSVOA_X
ClientSampleId :

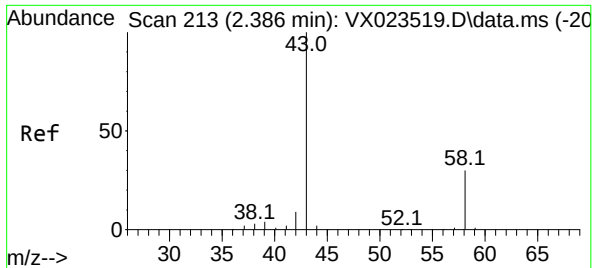
Tgt Ion:128 Resp: 30215
Ion Ratio Lower Upper
128 100
49 164.6 0.0 402.5
130 131.4 0.0 326.5



#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

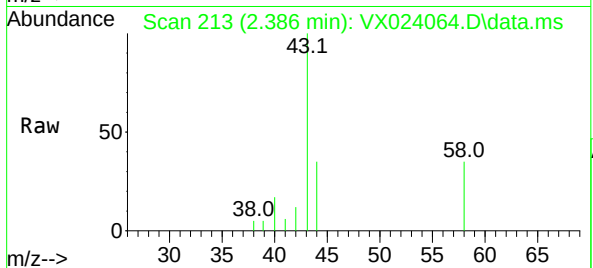
Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 114.8 72.8 109.2#



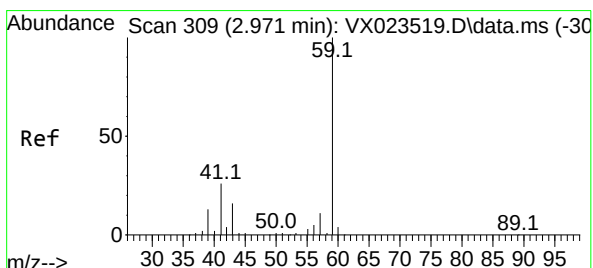
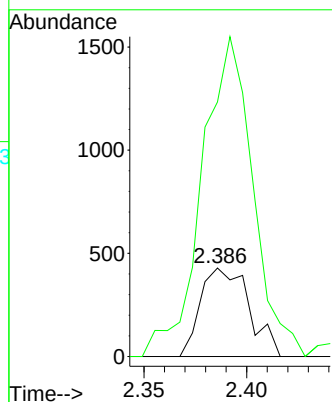
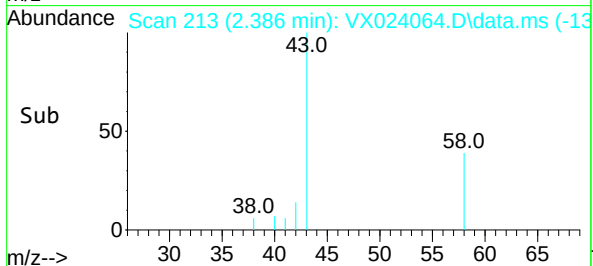


#15
Acetone
Concen: 2.02 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

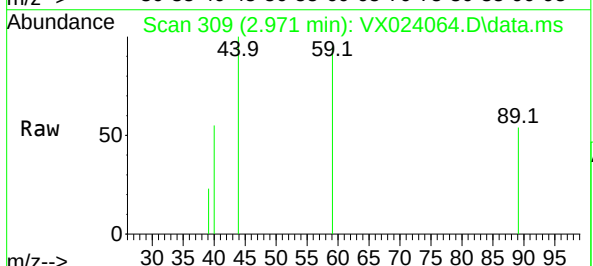
Instrument :
MSVOA_X
ClientSampleId :



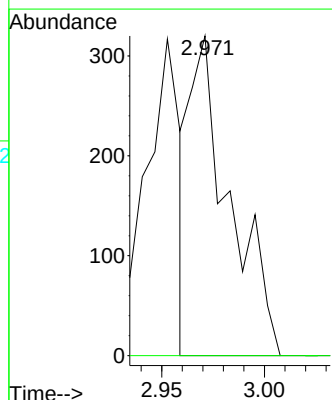
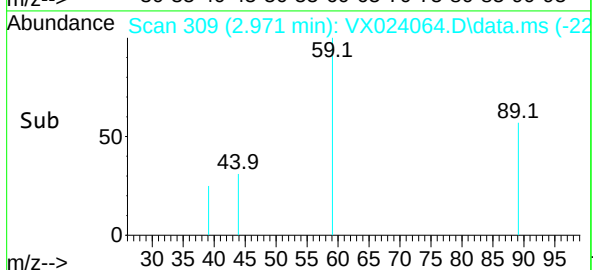
Tgt Ion: 58 Resp: 707
Ion Ratio Lower Upper
58 100
43 250.3 266.6 400.0#

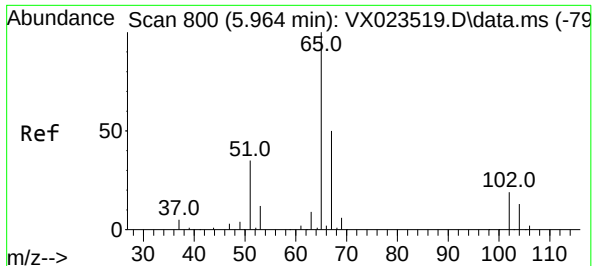


#23
tert-Butyl Alcohol
Concen: 0.82 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38



Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#





#27

1,2-Dichloroethane-d4

Concen: 33.37 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024064.D

Acq: 01 Sep 2021 14:38

Tgt Ion: 65 Resp: 77986

Ion Ratio Lower Upper

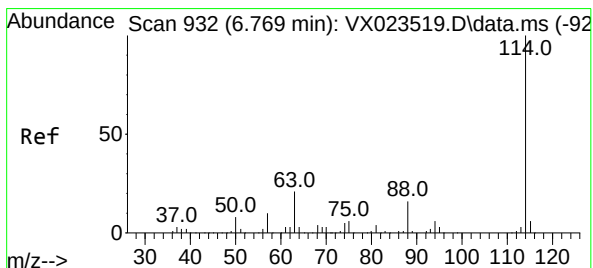
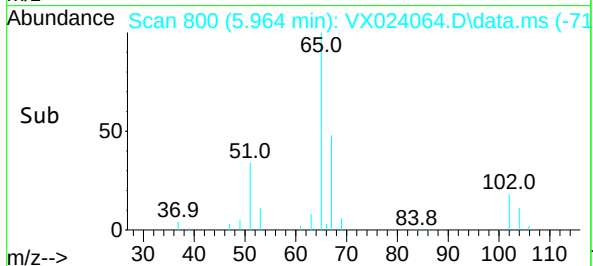
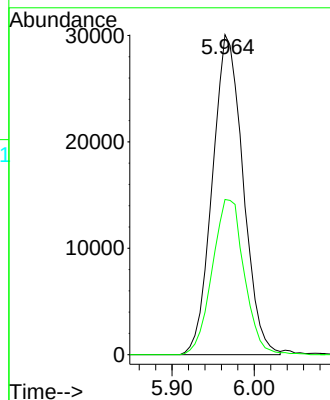
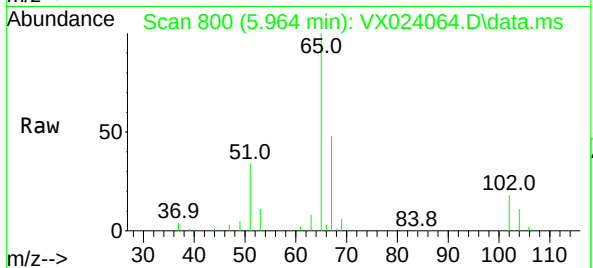
65 100

67 50.5 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: VX024064.D

Acq: 01 Sep 2021 14:38

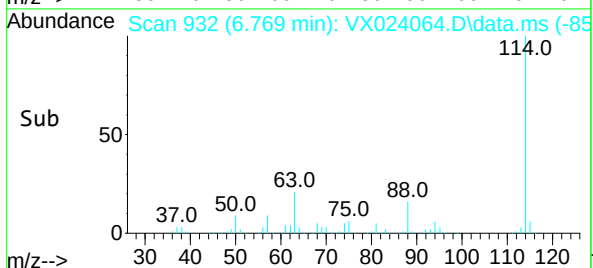
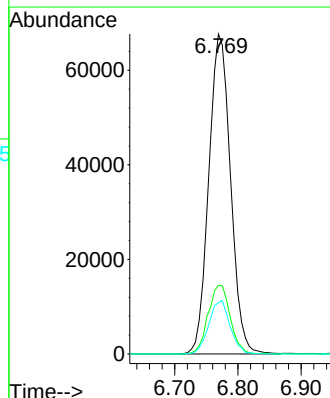
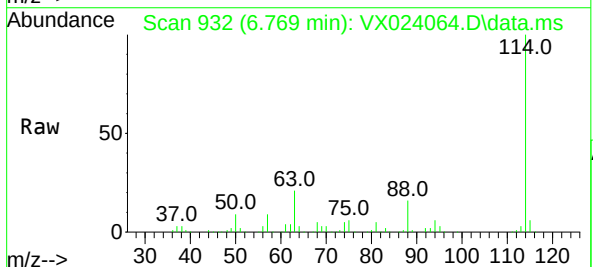
Tgt Ion: 114 Resp: 161930

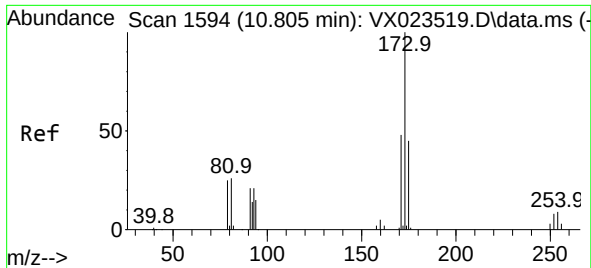
Ion Ratio Lower Upper

114 100

63 21.7 16.4 24.6

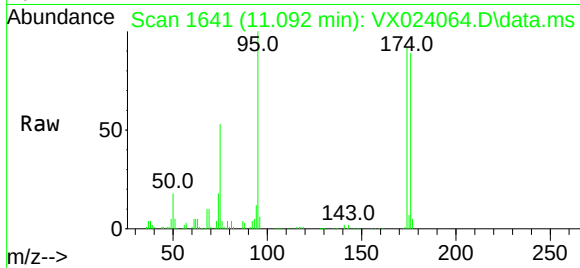
88 16.3 12.7 19.1



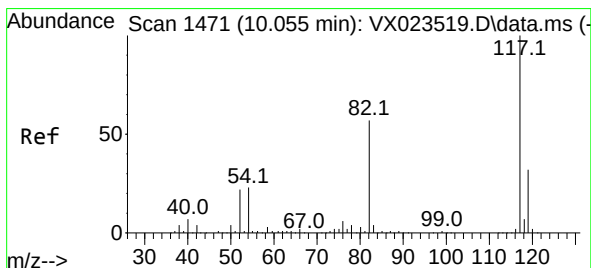
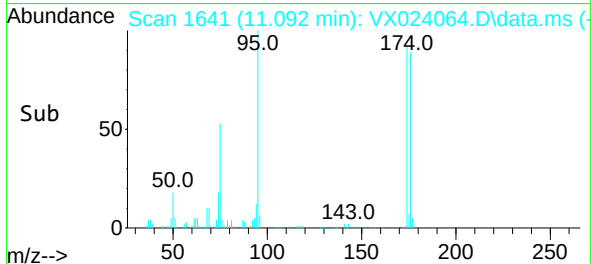
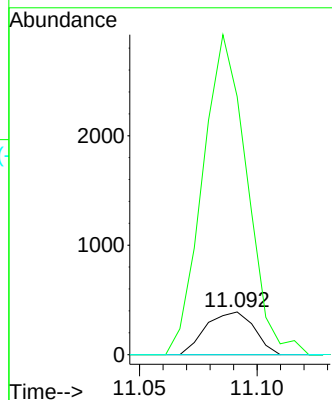


#56
Bromoform
Concen: 0.38 ug/l
RT: 11.092 min Scan# 1641
Delta R.T. 0.287 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

Instrument :
MSVOA_X
ClientSampled :

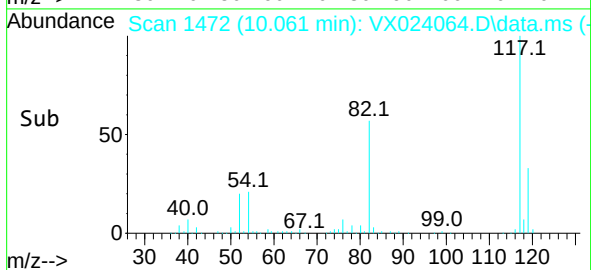
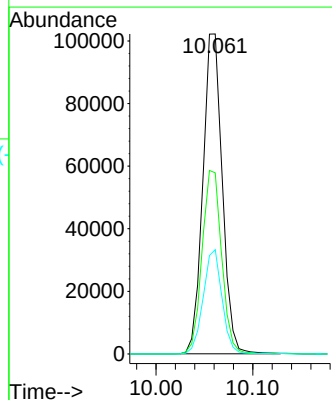
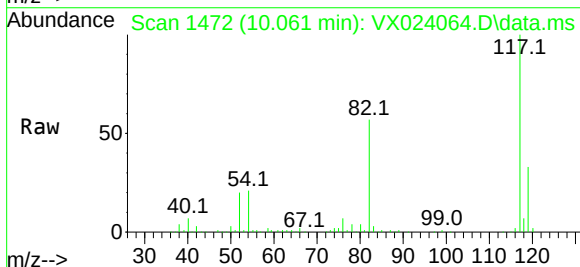


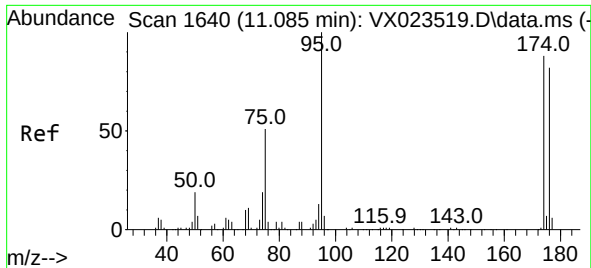
Tgt Ion:173 Resp: 557
Ion Ratio Lower Upper
173 100
175 689.9 38.4 57.6#
254 0.0 7.3 10.9#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

Tgt Ion:117 Resp: 142917
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 31.6 26.2 39.2

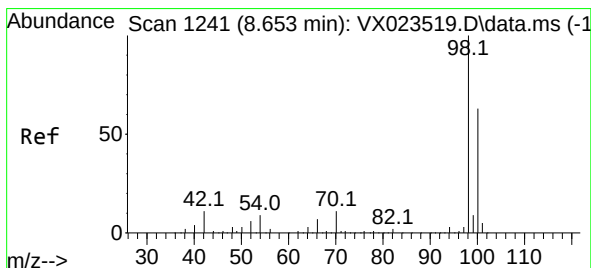
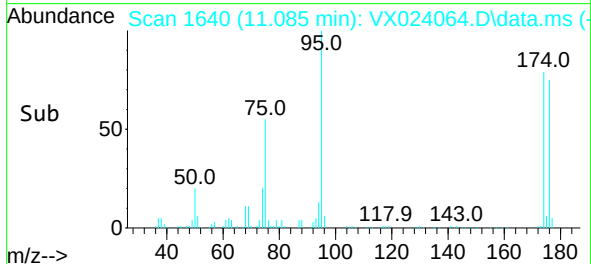
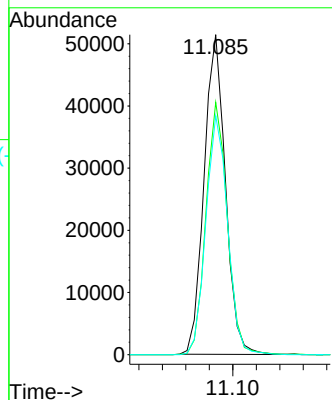
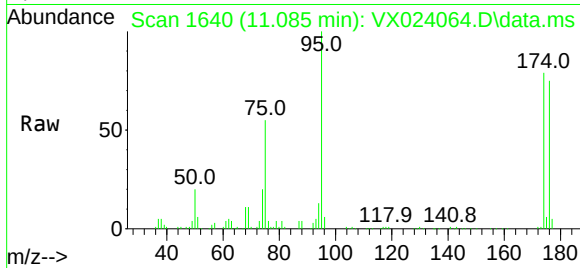




#60
4-Bromofluorobenzene
Concen: 27.66 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

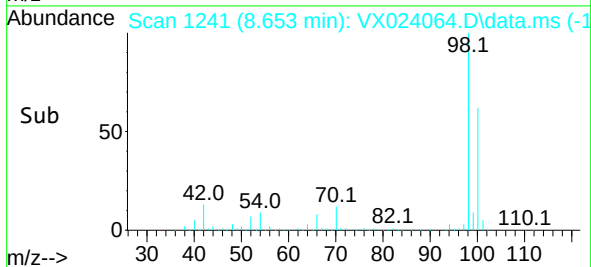
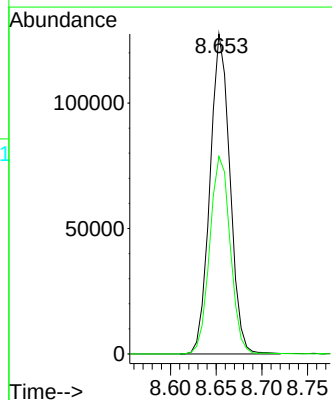
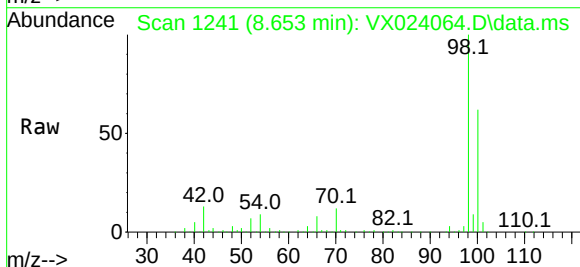
Instrument :
MSVOA_X
ClientSampleId :

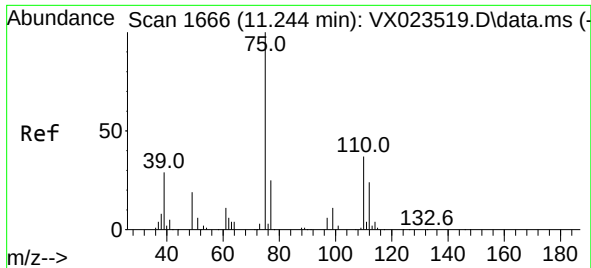
Tgt Ion: 95 Resp: 64753
Ion Ratio Lower Upper
95 100
174 78.5 63.5 95.3
176 76.0 63.0 94.4



#63
Toluene-d8
Concen: 30.05 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

Tgt Ion: 98 Resp: 193285
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

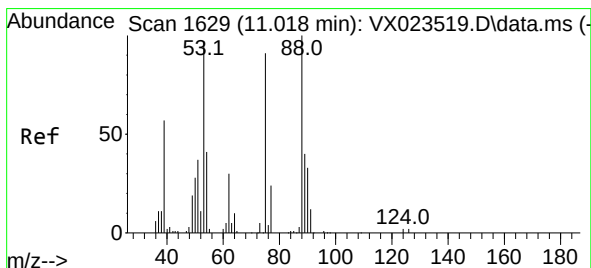
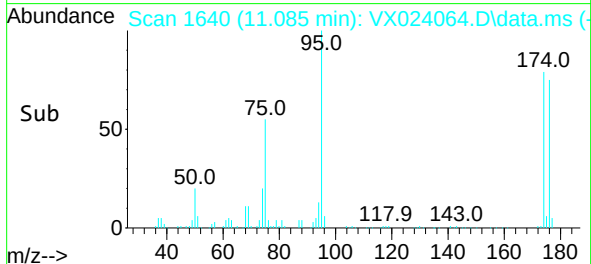
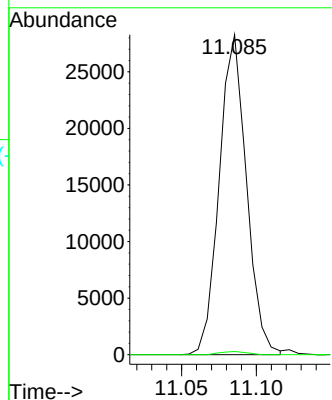
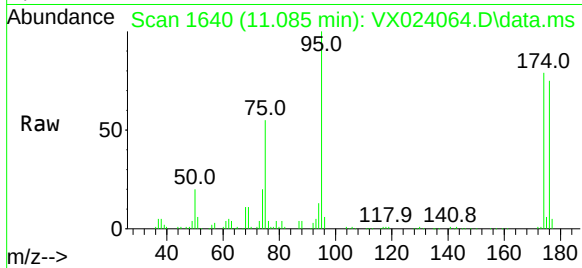




#72
1,2,3-Trichloropropane
Concen: 13.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 35763
Ion Ratio Lower Upper
75 100
77 1.0 0.0 77.4



#77
t-1,4-Dichloro-2-butene
Concen: 37.25 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX024064.D
Acq: 01 Sep 2021 14:38

Tgt Ion: 75 Resp: 35763
Ion Ratio Lower Upper
75 100
53 0.0 53.9 161.7#
89 0.0 22.9 68.7#

