

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023605.D
 Acq On : 09 Aug 2021 11:33
 Operator : JC/MD
 Sample : VX0809WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 10 03:57:34 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)

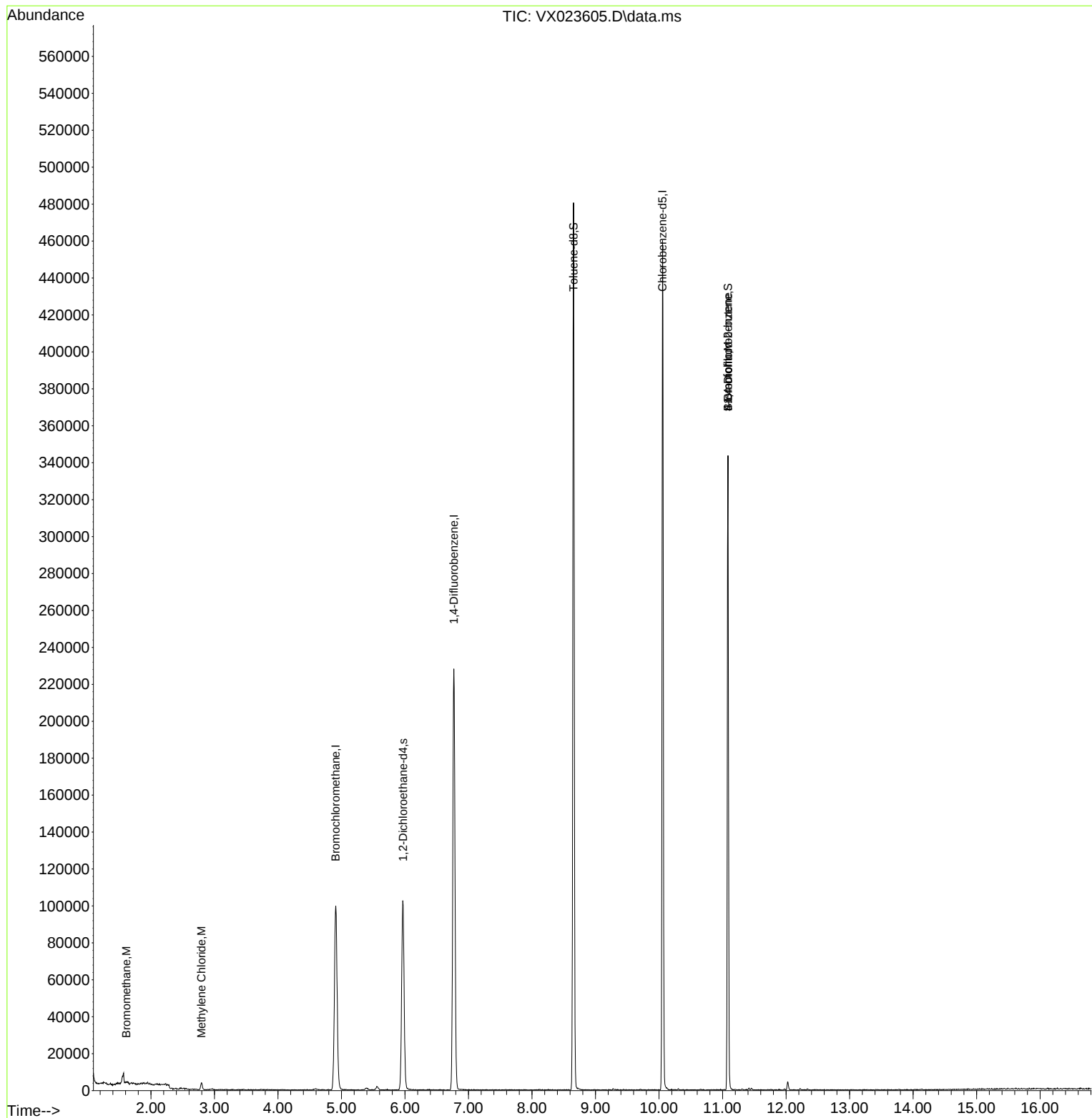
Internal Standards						
1) Bromochloromethane	4.910	128	42714	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	233550	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	200878	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	100281	30.36	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.20%
60) 4-Bromofluorobenzene	11.085	95	87184	26.50	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.33%
63) Toluene-d8	8.653	98	278255	30.78	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.60%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	365	0.22	ug/l	95
18) Methylene Chloride	2.794	84	1584	0.54	ug/l	94
56) Bromoform	11.085	173	736	0.35	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.085	75	46344	34.34	ug/l #	7

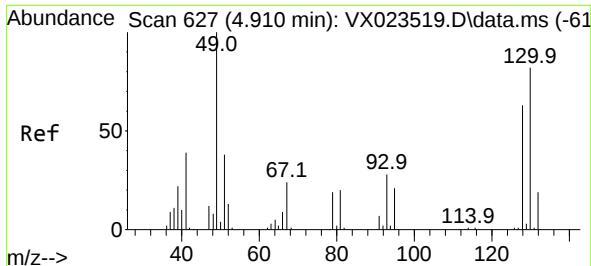
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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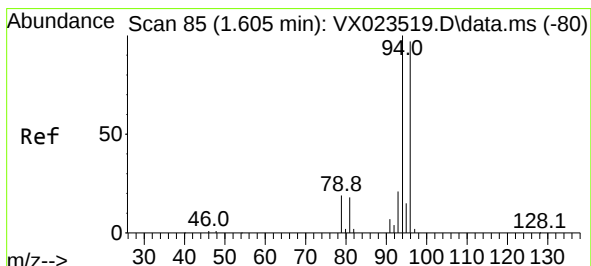
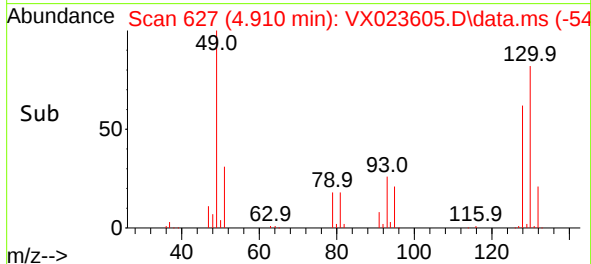
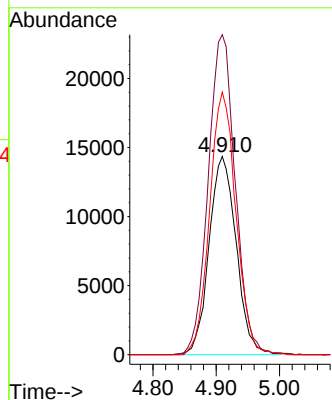
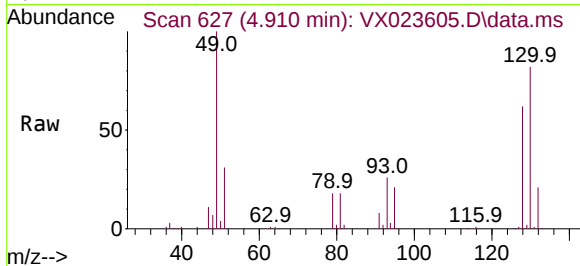




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

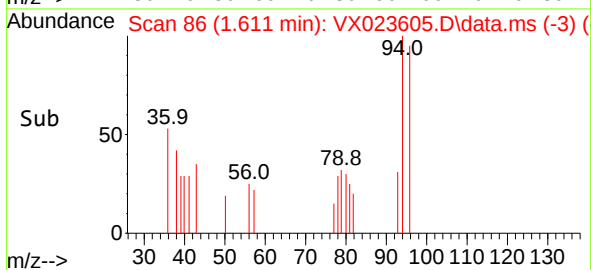
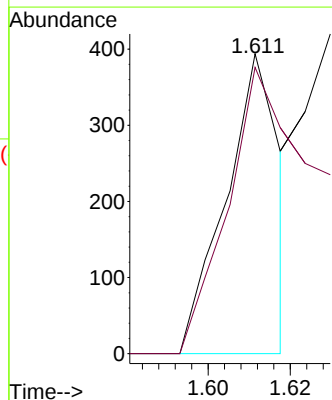
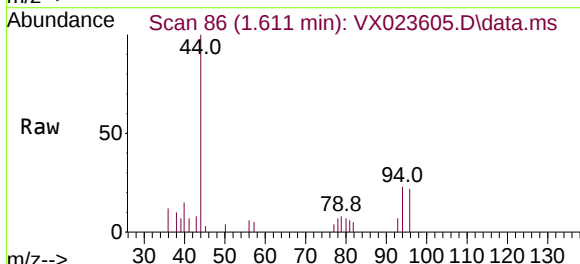
Instrument :
MSVOA_X
ClientSampled :

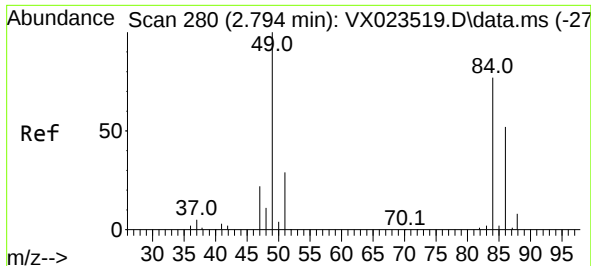
Tgt Ion:	128	Resp:	42714
Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	402.5
130	129.2	0.0	326.5



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

Tgt Ion:	94	Resp:	365
Ion	Ratio	Lower	Upper
94	100		
96	95.4	72.8	109.2





#18

Methylene Chloride

Concen: 0.54 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

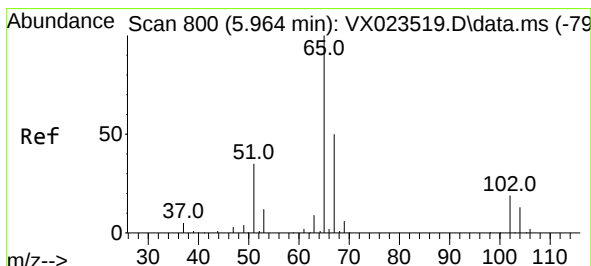
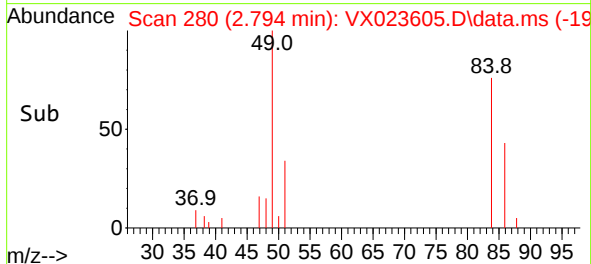
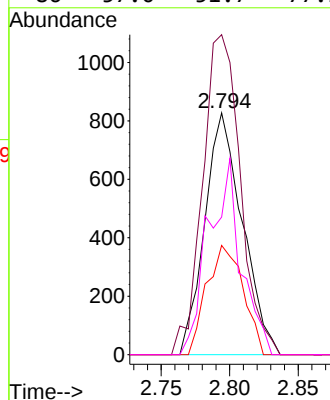
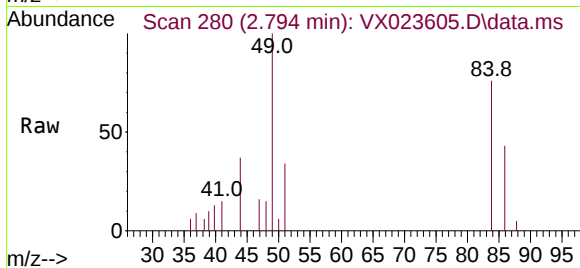
Lab File: VX023605.D

Acq: 09 Aug 2021 11:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1584

Ion	Ratio	Lower	Upper
84	100		
49	132.4	104.3	156.5
51	45.2	30.3	45.5
86	57.0	51.7	77.5



#27

1,2-Dichloroethane-d4

Concen: 30.36 ug/l

RT: 5.970 min Scan# 801

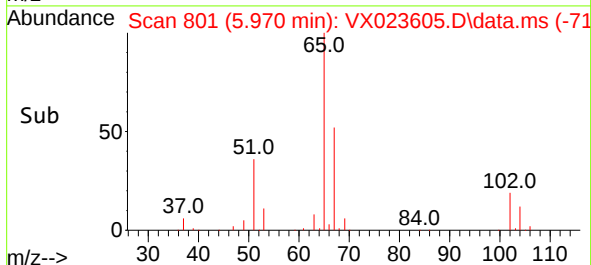
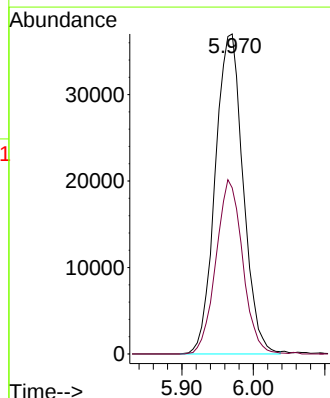
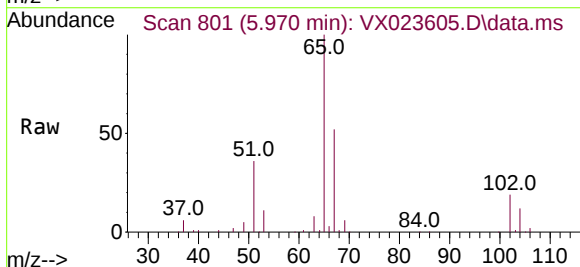
Delta R.T. 0.006 min

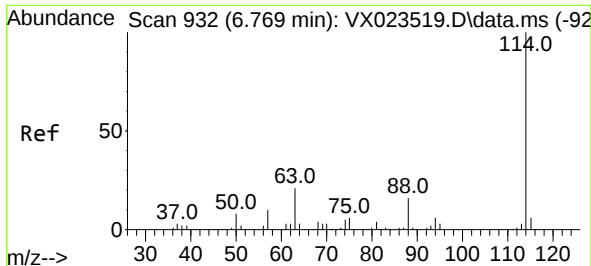
Lab File: VX023605.D

Acq: 09 Aug 2021 11:33

Tgt Ion: 65 Resp: 100281

Ion	Ratio	Lower	Upper
65	100		
67	52.0	42.4	63.6

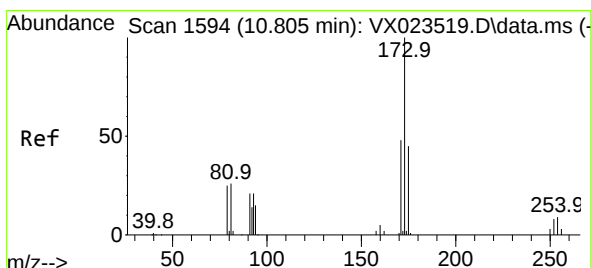
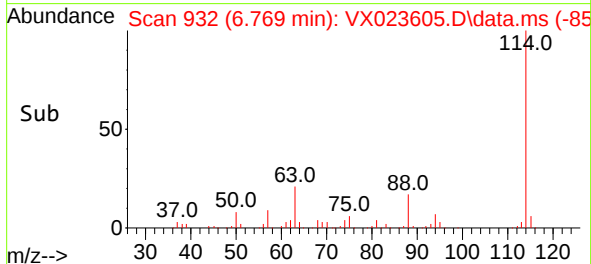
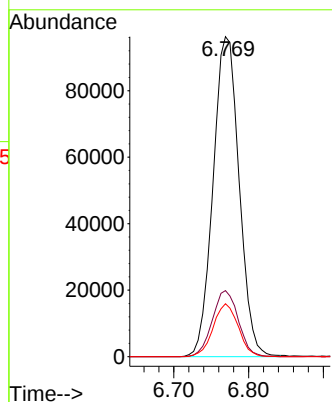
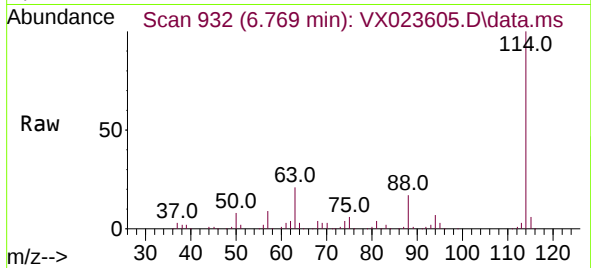




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

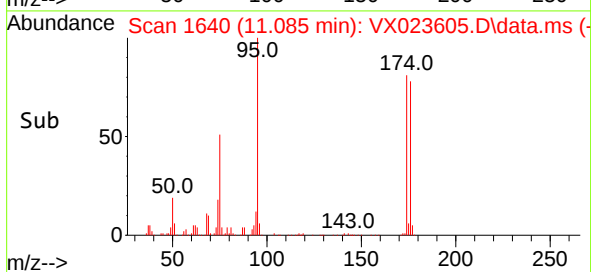
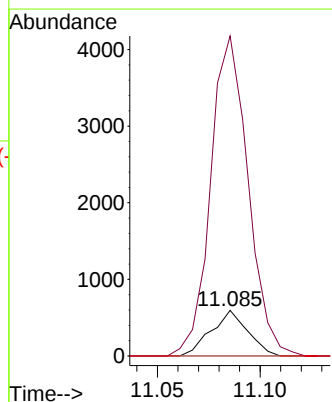
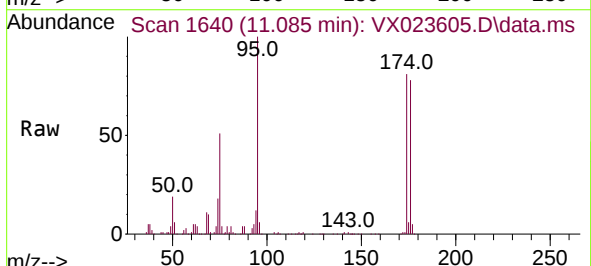
Instrument :
MSVOA_X
ClientSampleId :

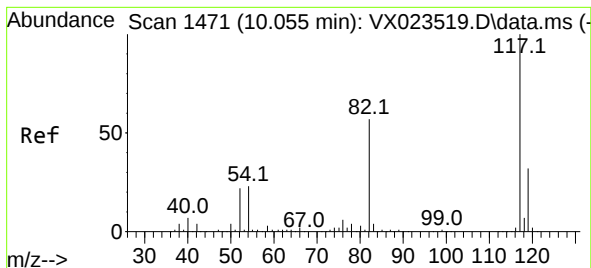
Tgt Ion:114 Resp: 233550
Ion Ratio Lower Upper
114 100
63 20.6 16.4 24.6
88 16.0 12.7 19.1



#56
Bromoform
Concen: 0.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.280 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

Tgt Ion:173 Resp: 736
Ion Ratio Lower Upper
173 100
175 720.2 38.4 57.6#
254 0.0 7.3 10.9#

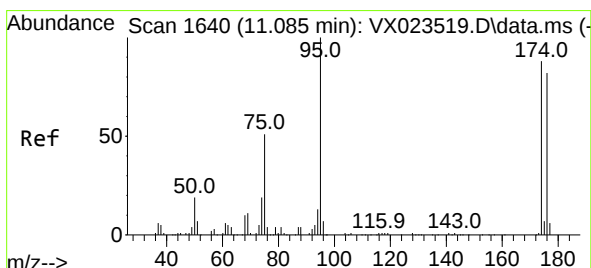
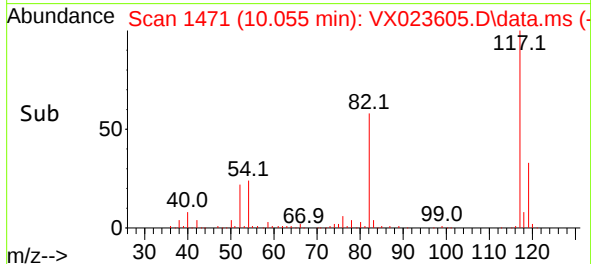
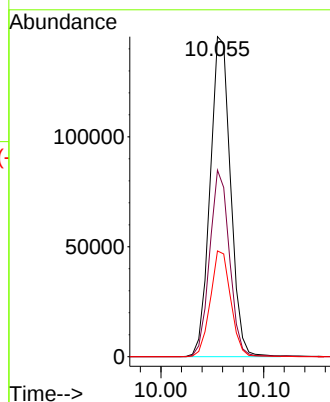
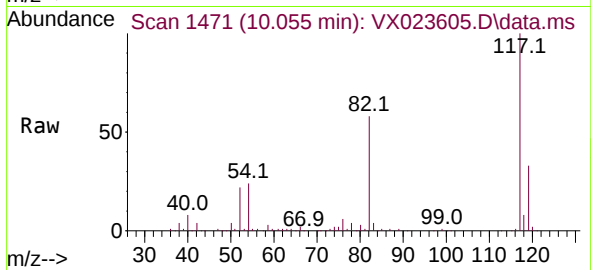




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

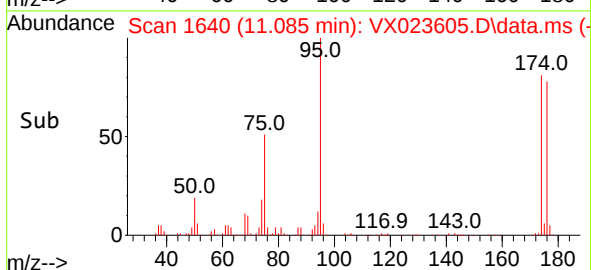
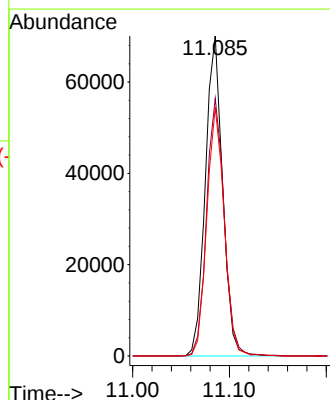
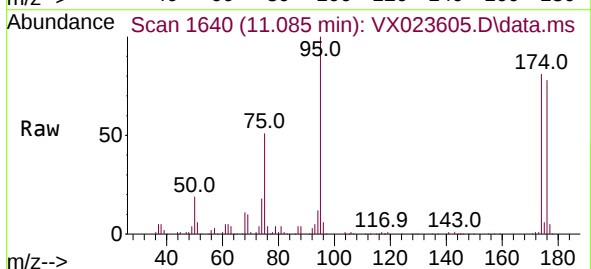
Instrument :
MSVOA_X
ClientSampled :

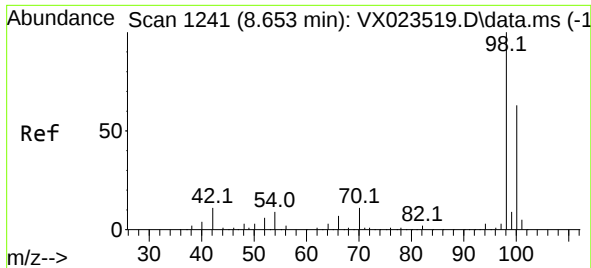
Tgt Ion:117 Resp: 200878
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.8 26.2 39.2



#60
4-Bromofluorobenzene
Concen: 26.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

Tgt Ion: 95 Resp: 87184
Ion Ratio Lower Upper
95 100
174 82.0 63.5 95.3
176 77.9 63.0 94.4

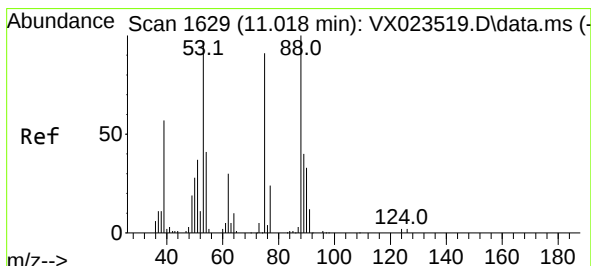
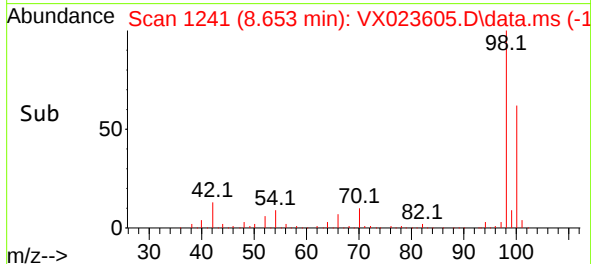
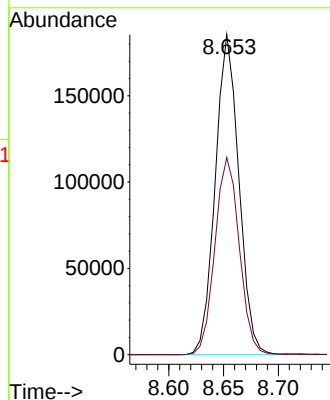
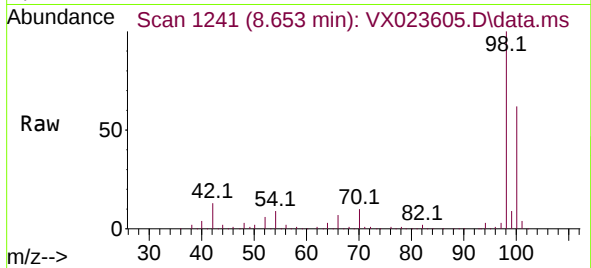




#63
Toluene-d8
Concen: 30.78 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 98 Resp: 278255
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#77
t-1,4-Dichloro-2-butene
Concen: 34.34 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX023605.D
Acq: 09 Aug 2021 11:33

Tgt Ion: 75 Resp: 46344
Ion Ratio Lower Upper
75 100
53 0.0 53.9 161.7#
89 0.0 22.9 68.7#

