

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040313.D
 Acq On : 17 Feb 2024 19:20
 Operator : JC/MD
 Sample : P1507-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20240215

Quant Time: Feb 19 04:01:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

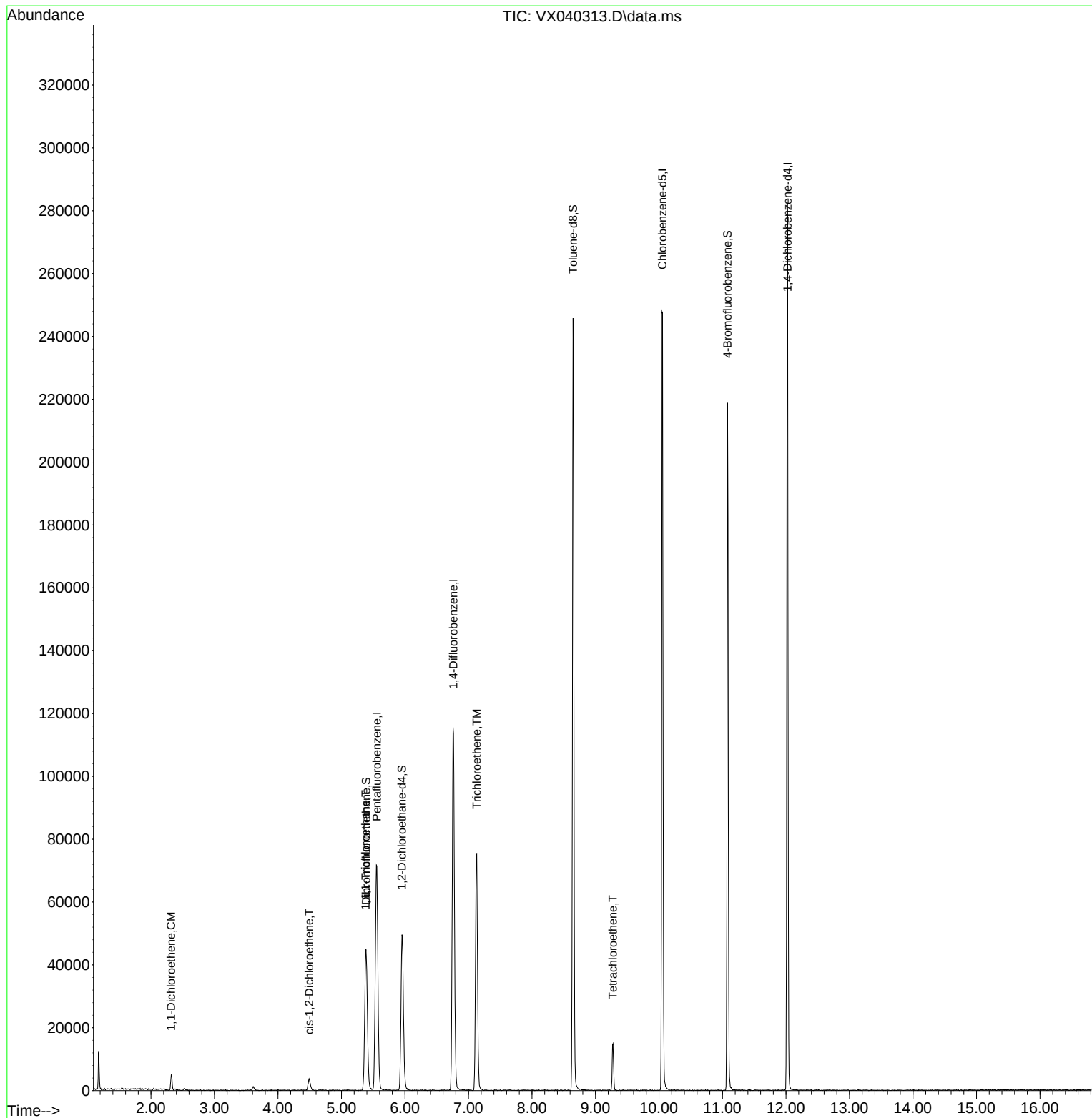
Internal Standards						
1) Pentafluorobenzene	5.556	168	70148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47645	45.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.300%
35) Dibromofluoromethane	5.385	113	39607	47.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	143786	45.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	55522	43.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1662	2.321	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	2340	2.515	ug/l	83
32) 1,1,1-Trichloroethane	5.379	97	775	0.580	ug/l	# 49
44) Trichloroethene	7.129	130	29322	32.269	ug/l	94
64) Tetrachloroethene	9.275	164	2859	3.503	ug/l	93

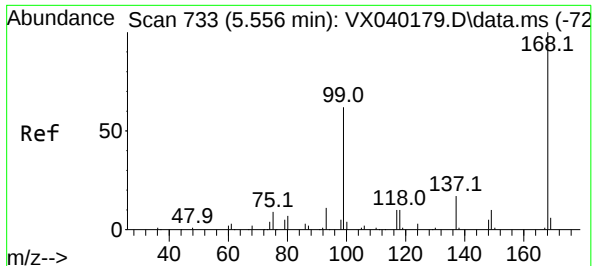
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
Data File : VX040313.D
Acq On : 17 Feb 2024 19:20
Operator : JC/MD
Sample : P1507-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20240215

Quant Time: Feb 19 04:01:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

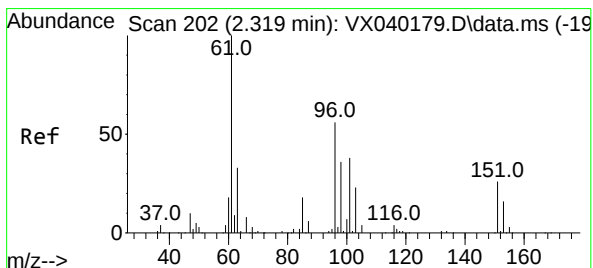
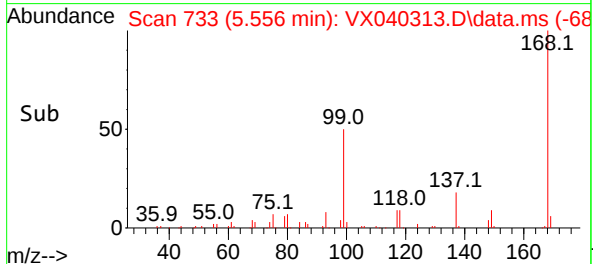
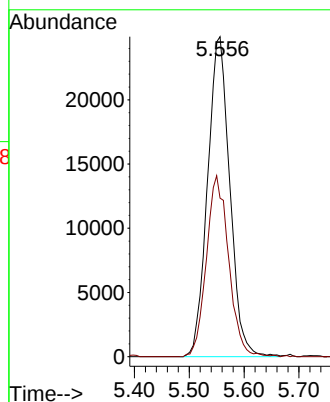
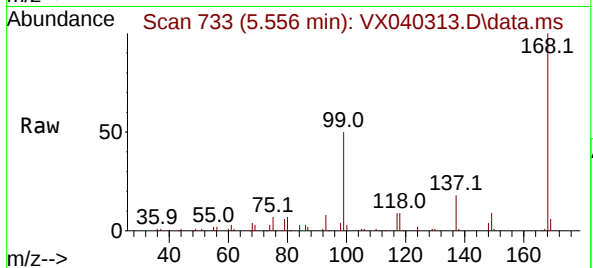




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040313.D
Acq: 17 Feb 2024 19:20

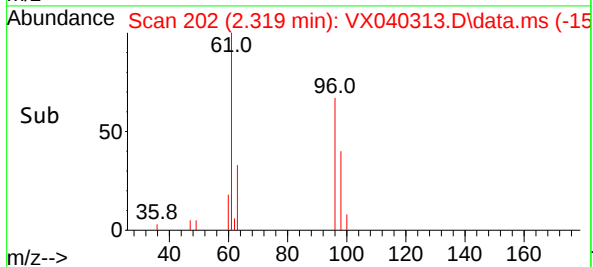
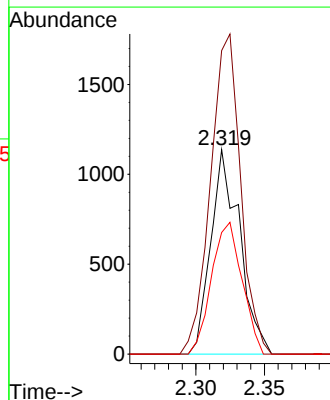
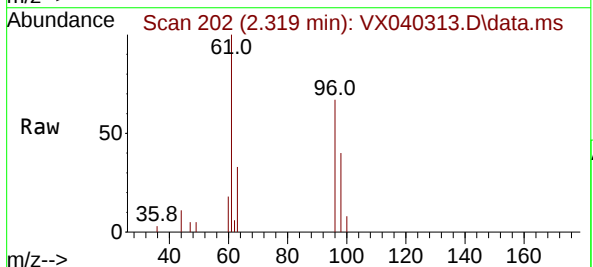
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20240215

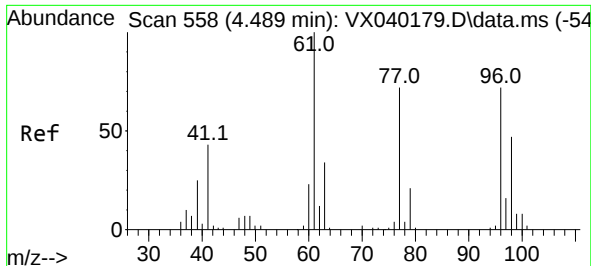
Tgt Ion:168 Resp: 70148
Ion Ratio Lower Upper
168 100
99 49.6 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 2.321 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040313.D
Acq: 17 Feb 2024 19:20

Tgt Ion: 96 Resp: 1662
Ion Ratio Lower Upper
96 100
61 148.5 144.6 216.8
98 59.5 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 2.515 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040313.D

Acq: 17 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20240215

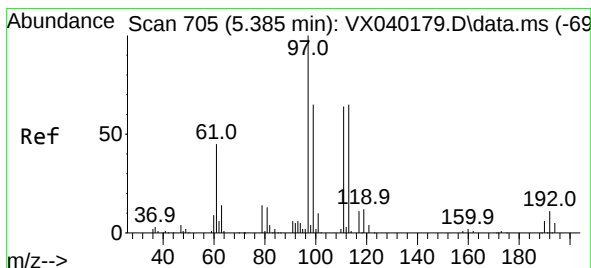
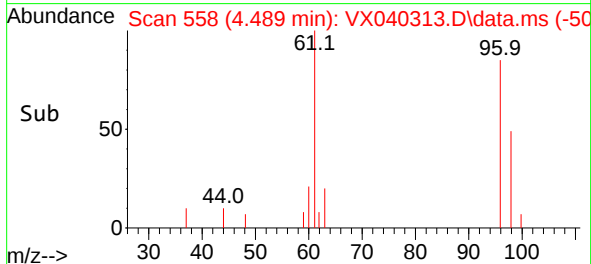
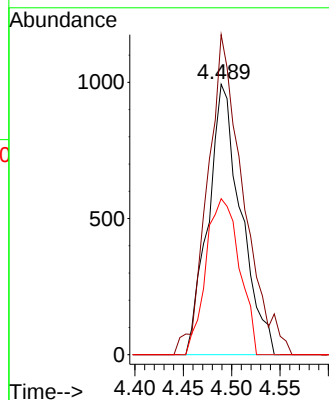
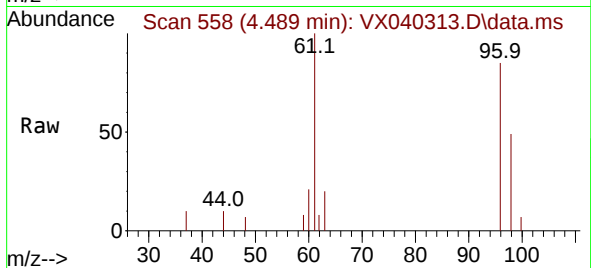
Tgt Ion: 96 Resp: 2340

Ion Ratio Lower Upper

96 100

61 128.7 0.0 312.2

98 59.2 0.0 129.0



#32

1,1,1-Trichloroethane

Concen: 0.580 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040313.D

Acq: 17 Feb 2024 19:20

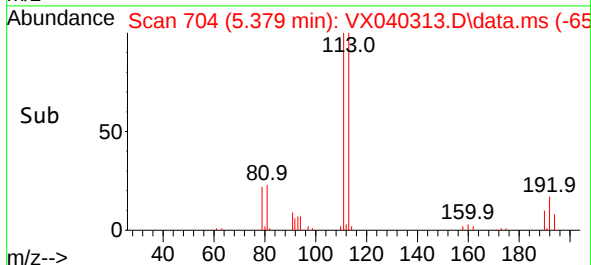
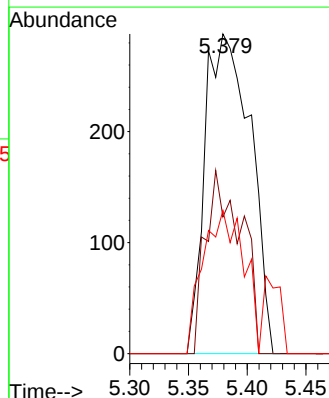
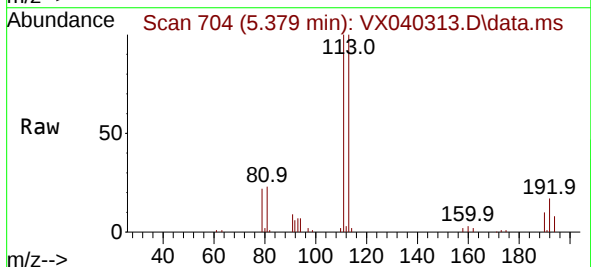
Tgt Ion: 97 Resp: 775

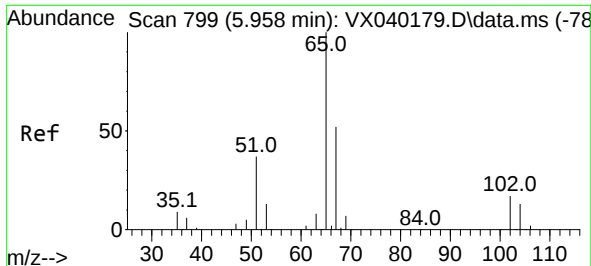
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 40.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.655 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040313.D

Acq: 17 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

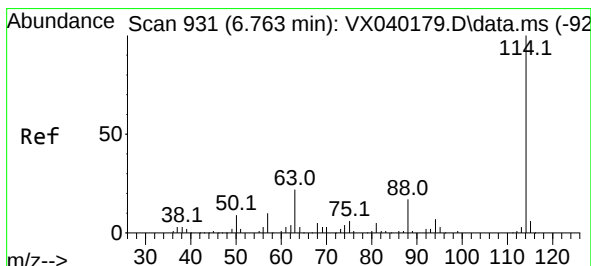
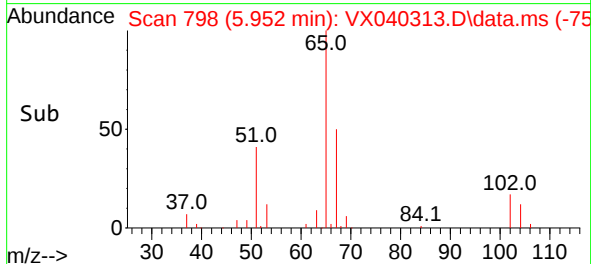
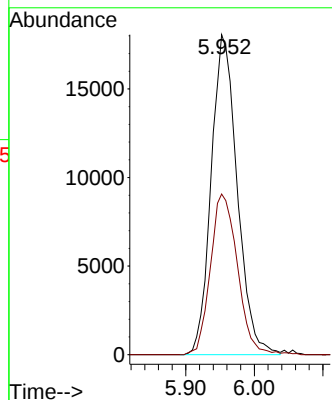
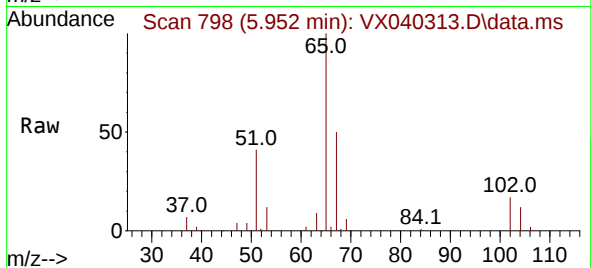
MW179D2-20240215

Tgt Ion: 65 Resp: 47645

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040313.D

Acq: 17 Feb 2024 19:20

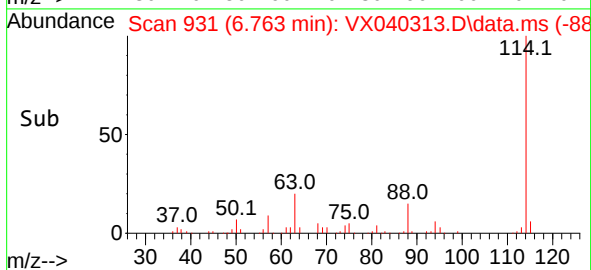
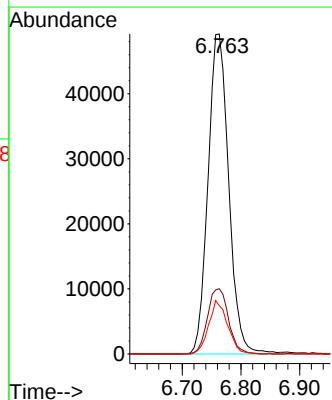
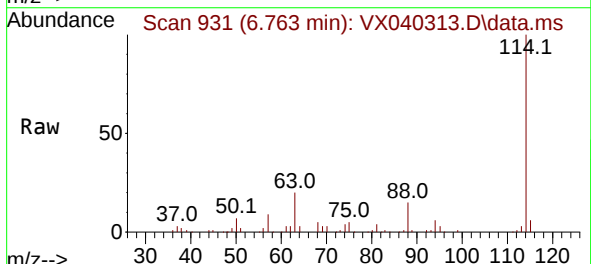
Tgt Ion: 114 Resp: 120415

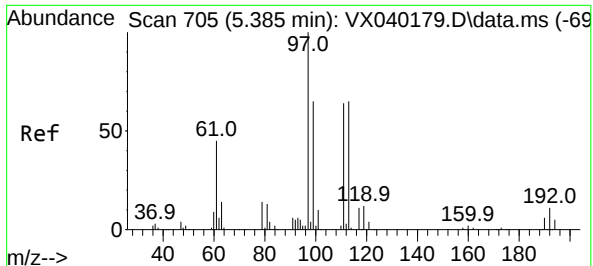
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.100 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040313.D

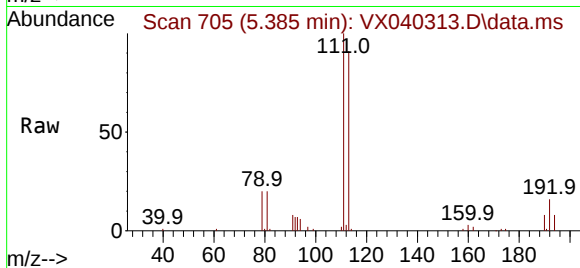
Acq: 17 Feb 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20240215



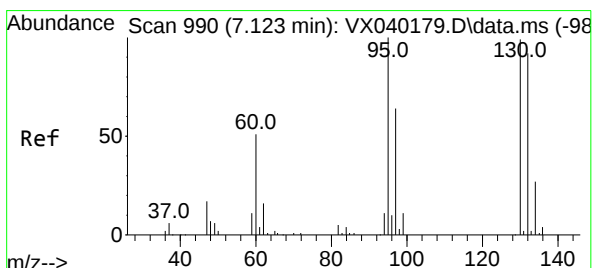
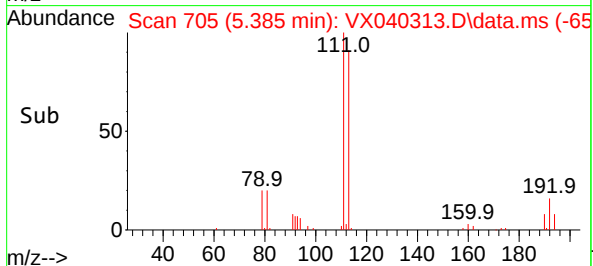
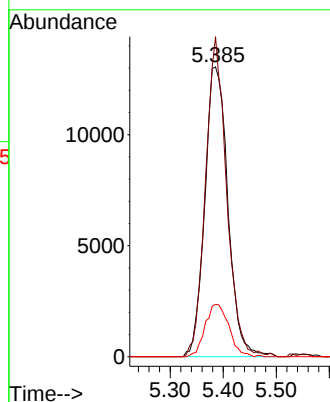
Tgt Ion:113 Resp: 39607

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

192 18.5 13.3 19.9



#44

Trichloroethene

Concen: 32.269 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040313.D

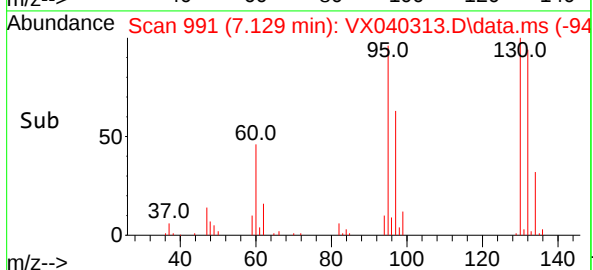
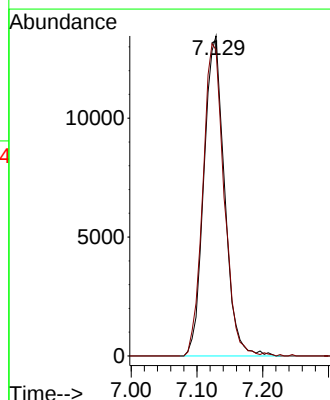
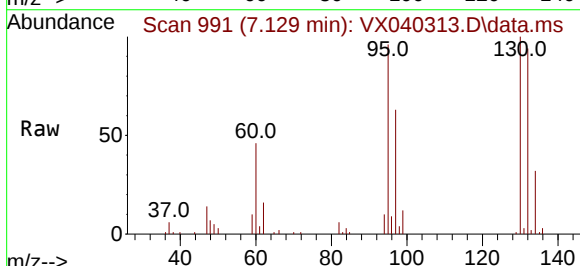
Acq: 17 Feb 2024 19:20

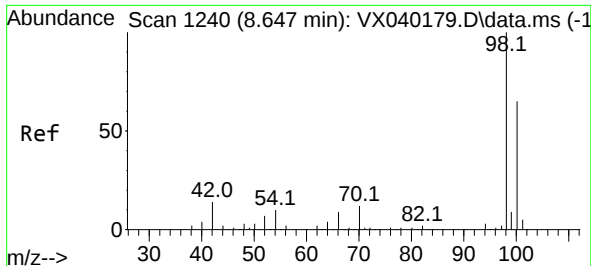
Tgt Ion:130 Resp: 29322

Ion Ratio Lower Upper

130 100

95 95.7 0.0 204.4

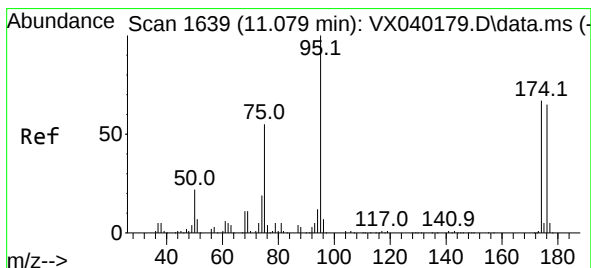
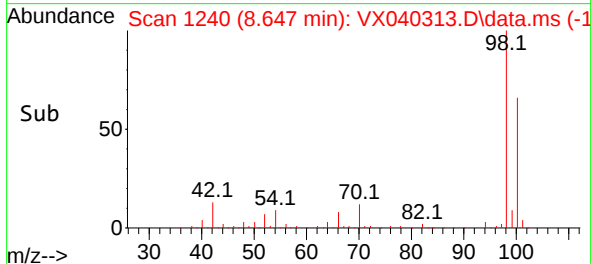
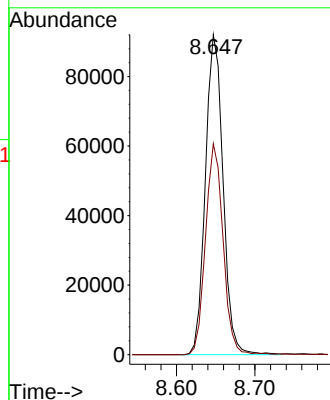
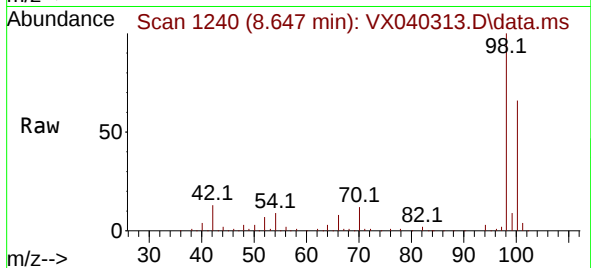




#50
Toluene-d8
Concen: 45.710 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040313.D
Acq: 17 Feb 2024 19:20

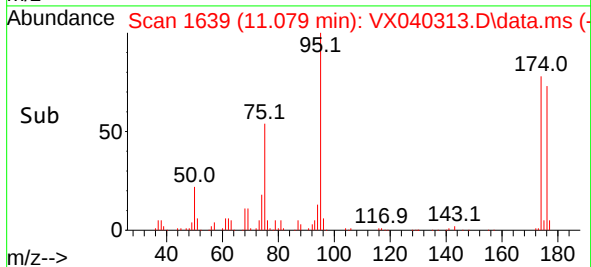
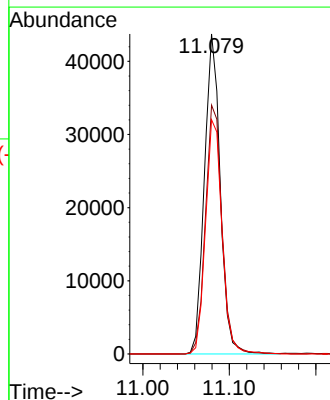
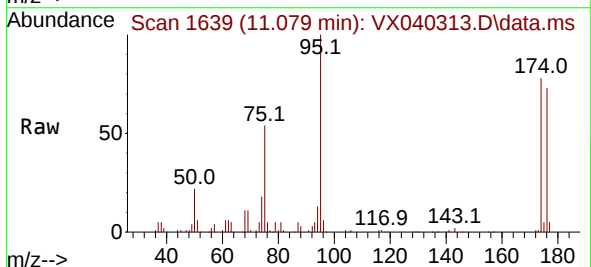
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20240215

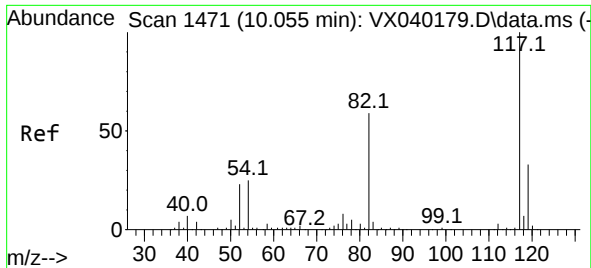
Tgt Ion: 98 Resp: 143786
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040313.D
Acq: 17 Feb 2024 19:20

Tgt Ion: 95 Resp: 55522
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 76.3 0.0 131.0

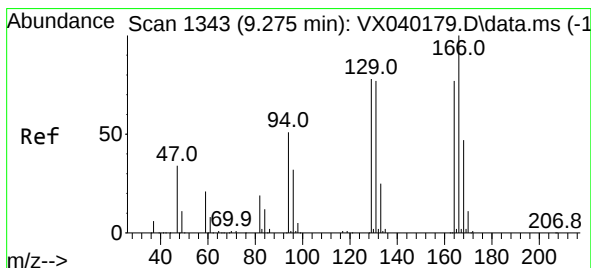
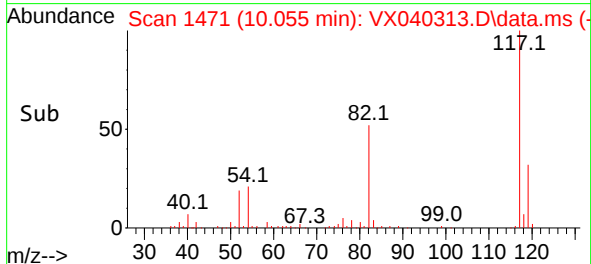
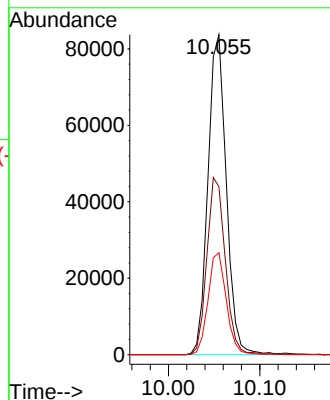
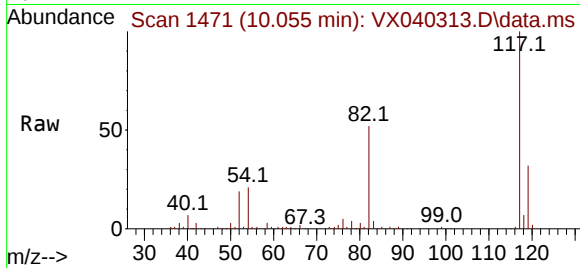




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040313.D
Acq: 17 Feb 2024 19:20

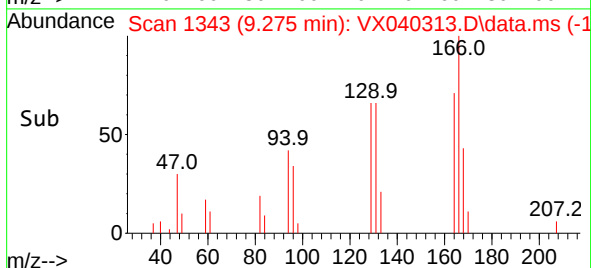
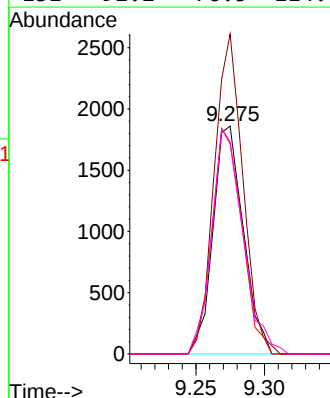
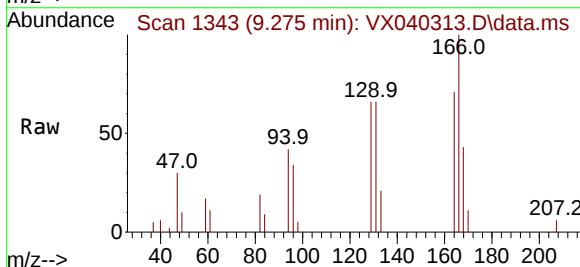
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20240215

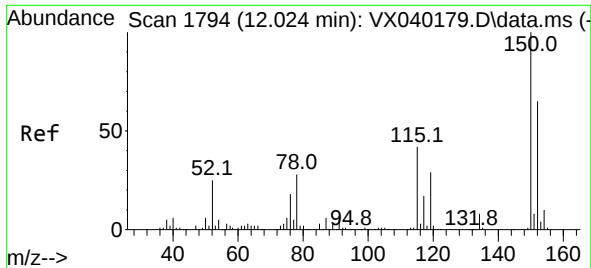
Tgt Ion:117	Resp:	116472
Ion	Ratio	Lower Upper
117	100	
82	52.5	46.2 69.4
119	31.8	25.5 38.3



#64
Tetrachloroethene
Concen: 3.503 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040313.D
Acq: 17 Feb 2024 19:20

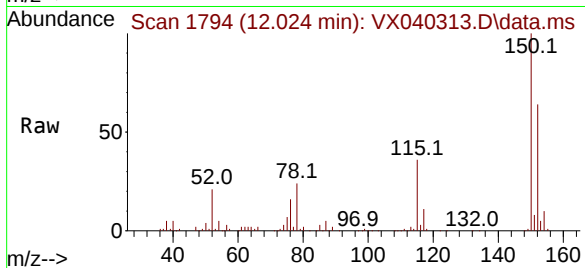
Tgt Ion:164	Resp:	2859
Ion	Ratio	Lower Upper
164	100	
166	140.4	102.7 154.1
129	93.1	80.4 120.6
131	92.2	76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040313.D
 Acq: 17 Feb 2024 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20240215



Tgt Ion:152 Resp: 59058
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.9
 150 157.7 0.0 345.0

