

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037982.D
 Acq On : 29 Sep 2023 17:42
 Operator : JC/MD
 Sample : 04656-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

Quant Time: Sep 29 23:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

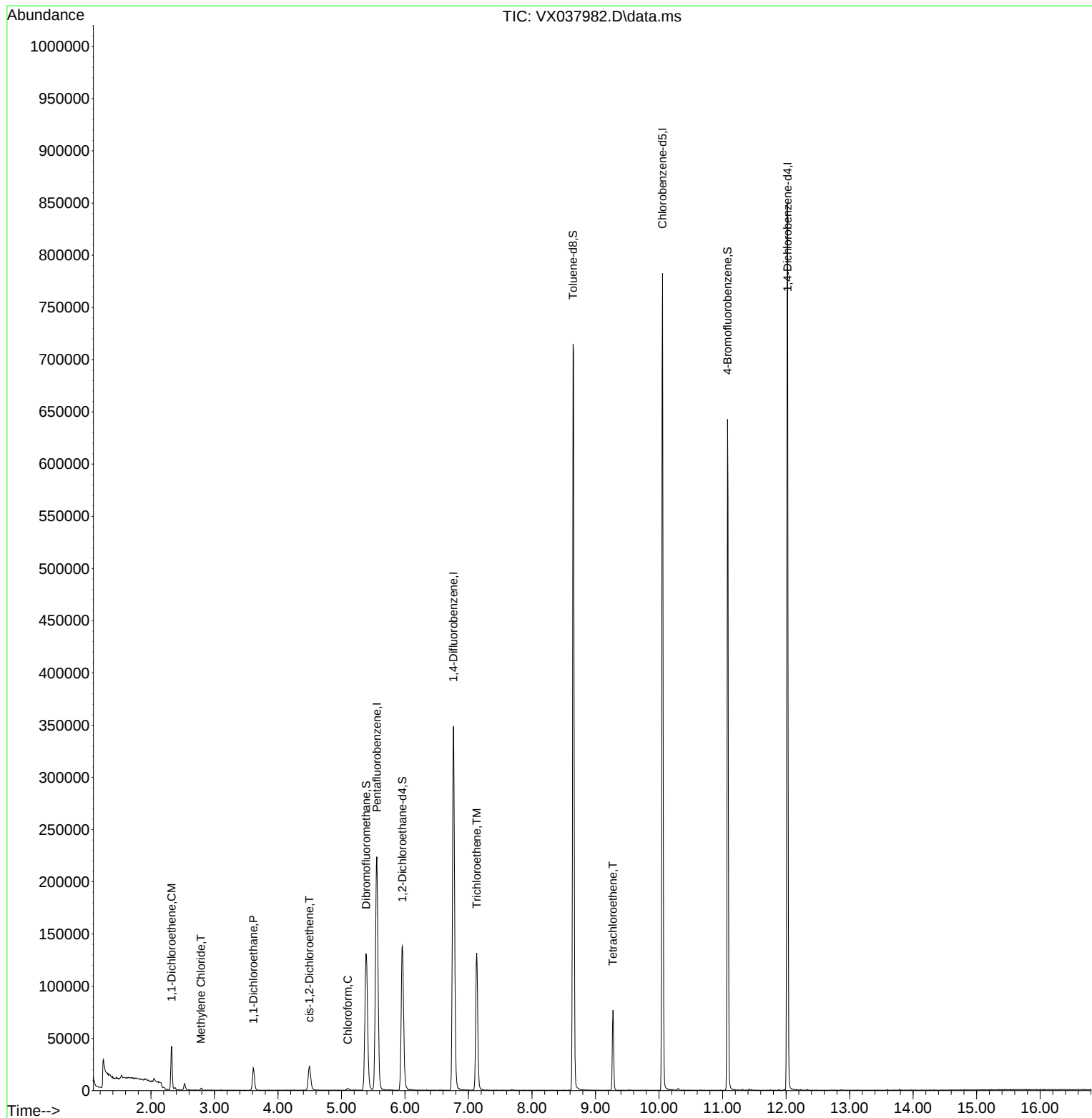
Internal Standards						
1) Pentafluorobenzene	5.556	168	212820	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	363260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135182	48.346	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.385	113	114030	46.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	445453	49.324	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.640%
62) 4-Bromofluorobenzene	11.079	95	167633	51.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	13889	6.689	ug/l	83
20) Methylene Chloride	2.788	84	889	0.332	ug/l	# 86
24) 1,1-Dichloroethane	3.611	63	22444	5.200	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	15621	5.527	ug/l	79
30) Chloroform	5.098	83	2100	0.452	ug/l	# 83
44) Trichloroethene	7.129	130	52616	18.350	ug/l	97
64) Tetrachloroethene	9.275	164	13786	5.696	ug/l	96

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

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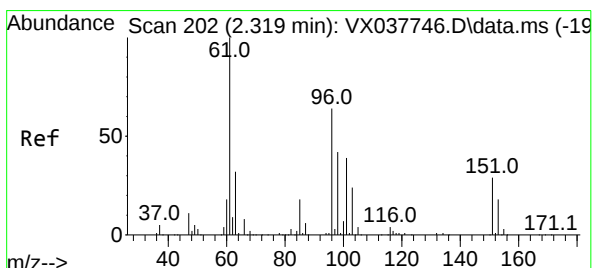
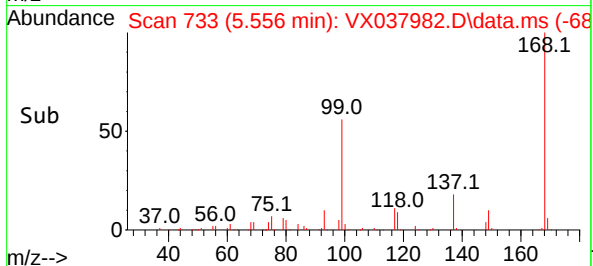
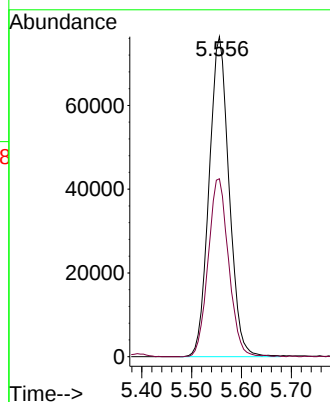
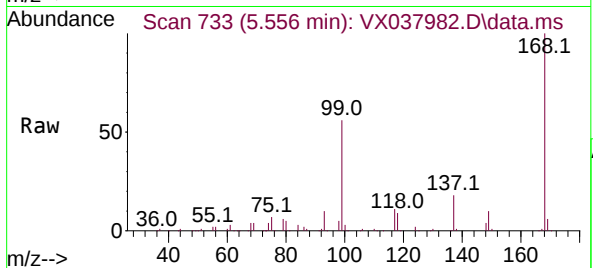




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

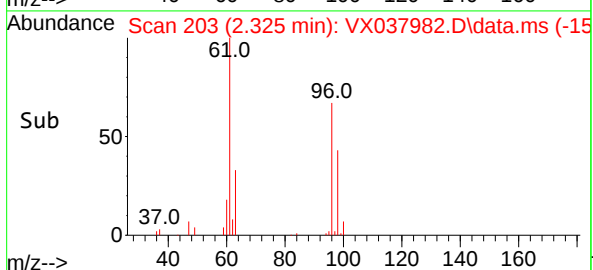
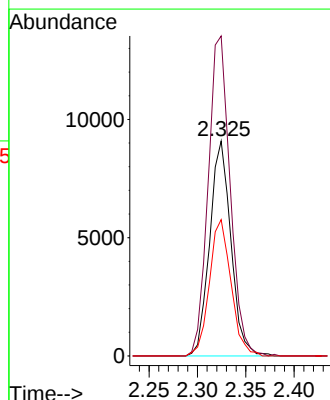
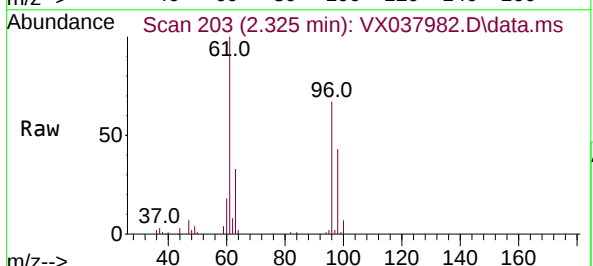
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

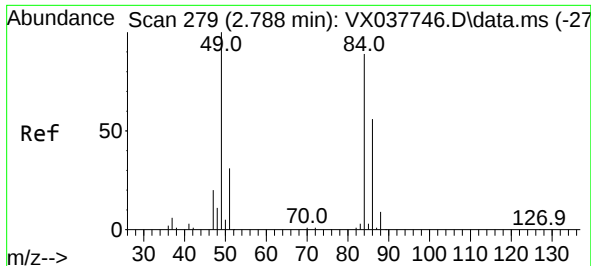
Tgt Ion:168 Resp: 212820
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 6.689 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 96 Resp: 13889
Ion Ratio Lower Upper
96 100
61 149.0 144.6 216.8
98 63.4 50.4 75.6

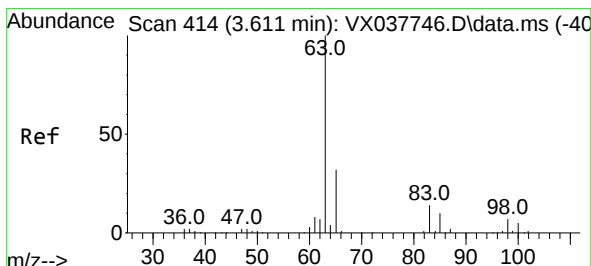
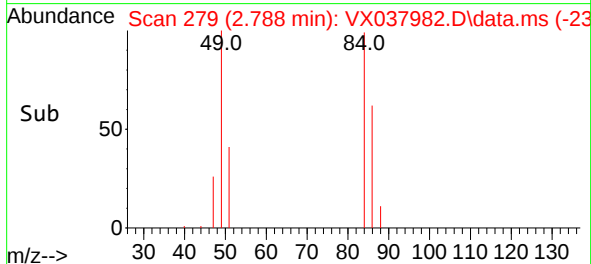
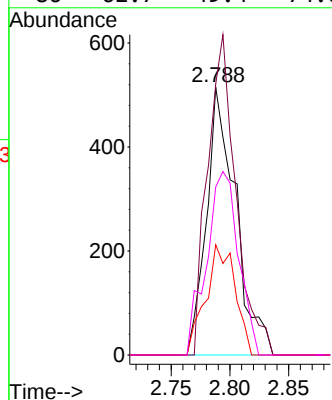
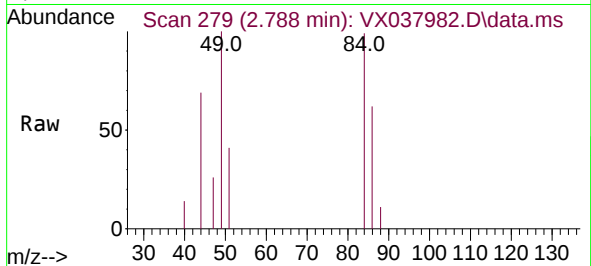




#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

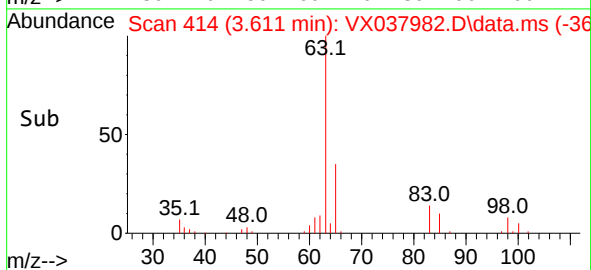
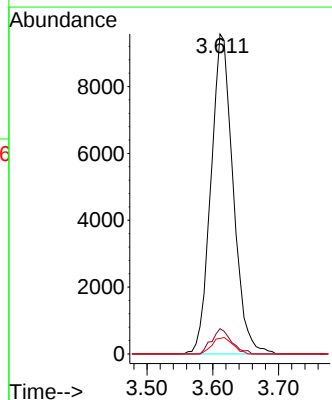
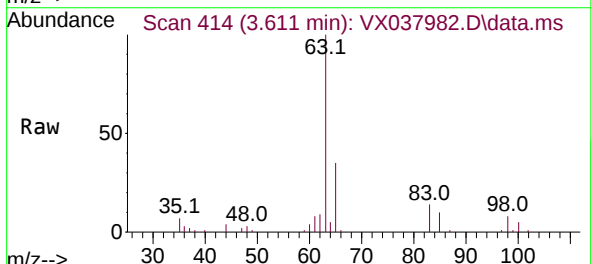
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

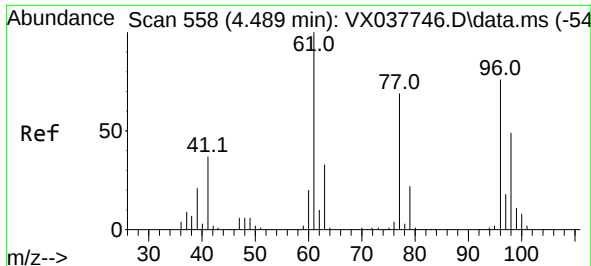
Tgt Ion:	84	Resp:	889
Ion	Ratio	Lower	Upper
84	100		
49	101.2	103.6	155.4#
51	41.2	33.8	50.6
86	62.7	49.4	74.0



#24
1,1-Dichloroethane
Concen: 5.200 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion:	63	Resp:	22444
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.3	9.8
100	4.9	2.1	6.5





#27

cis-1,2-Dichloroethene

Concen: 5.527 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX037982.D

Acq: 29 Sep 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

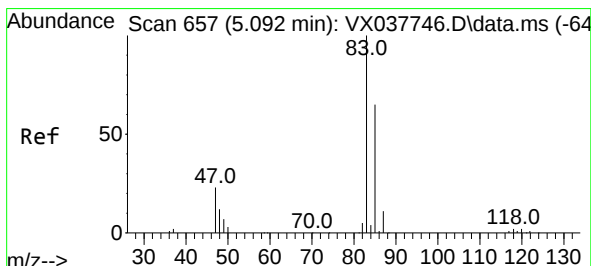
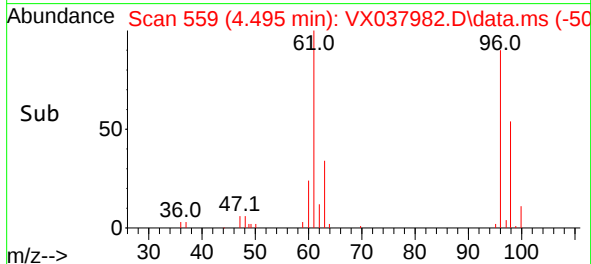
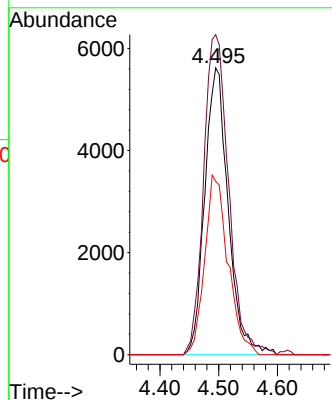
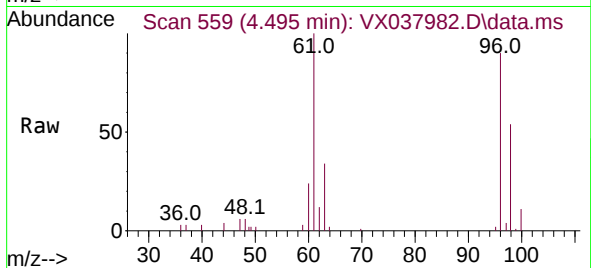
Tgt Ion: 96 Resp: 15621

Ion Ratio Lower Upper

96 100

61 118.8 0.0 312.2

98 62.2 0.0 129.0



#30

Chloroform

Concen: 0.452 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037982.D

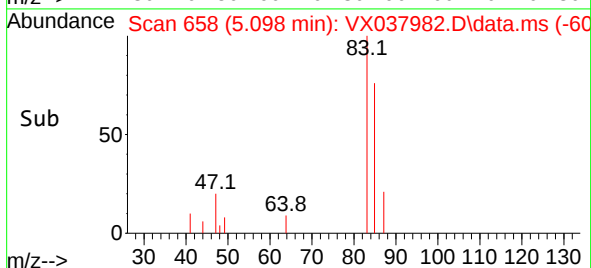
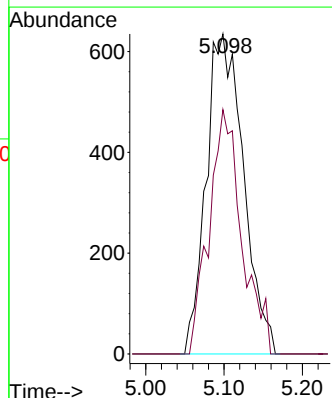
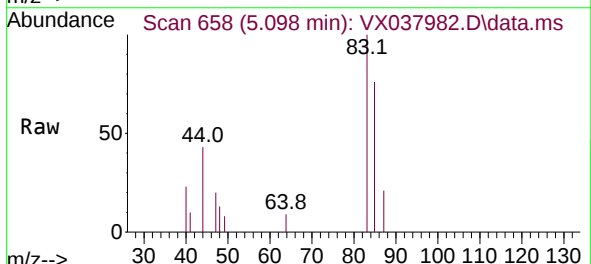
Acq: 29 Sep 2023 17:42

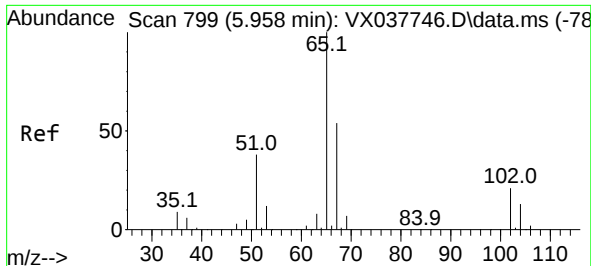
Tgt Ion: 83 Resp: 2100

Ion Ratio Lower Upper

83 100

85 76.4 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 48.346 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037982.D

Acq: 29 Sep 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

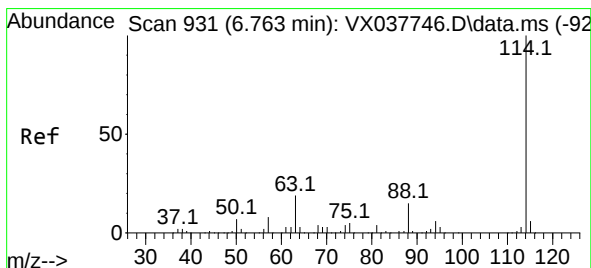
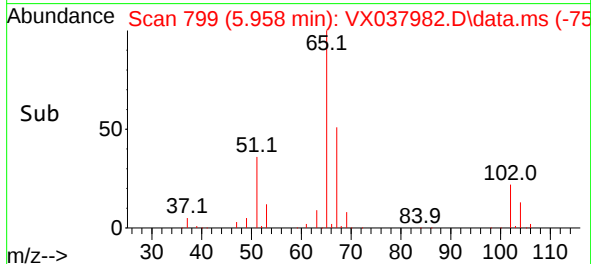
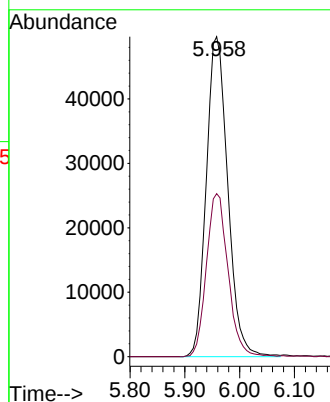
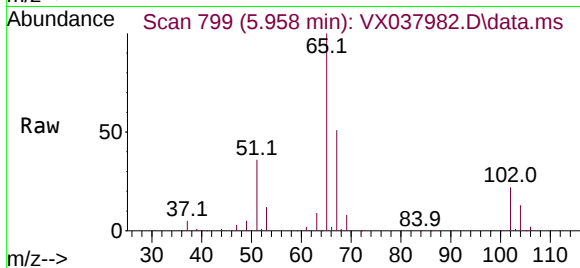
MW-102D

Tgt Ion: 65 Resp: 135182

Ion Ratio Lower Upper

65 100

67 51.1 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: VX037982.D

Acq: 29 Sep 2023 17:42

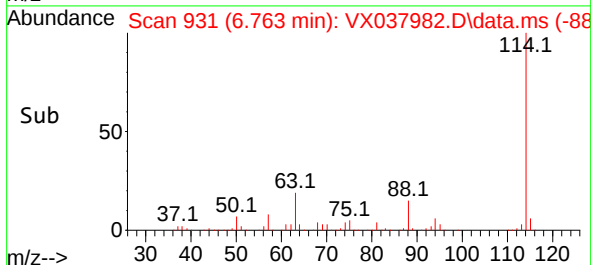
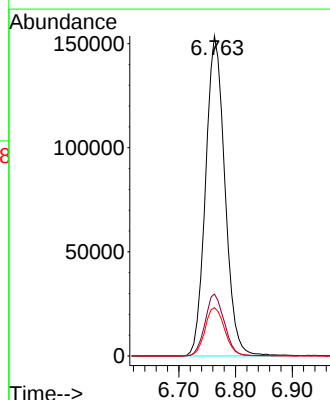
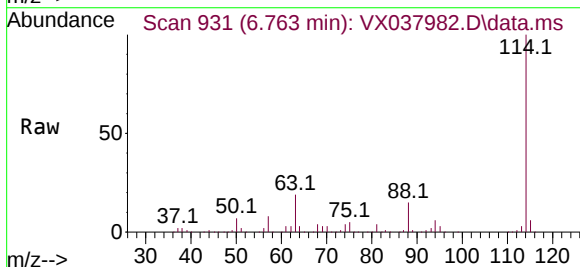
Tgt Ion: 114 Resp: 363260

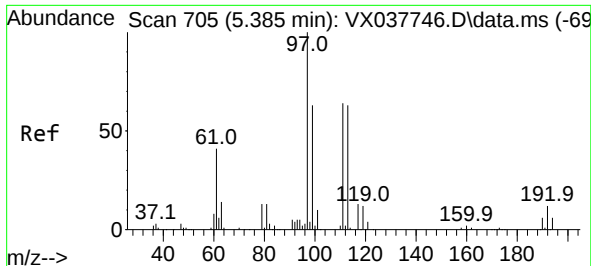
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.915 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037982.D

Acq: 29 Sep 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

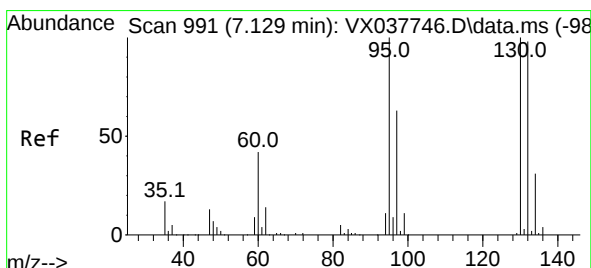
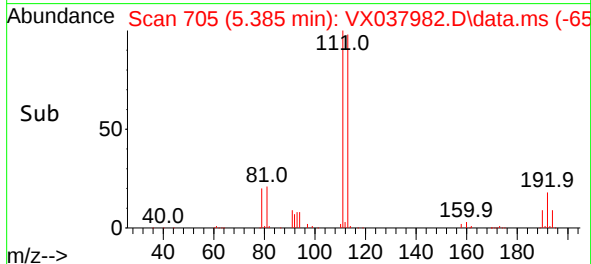
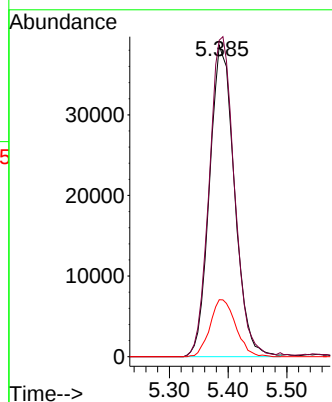
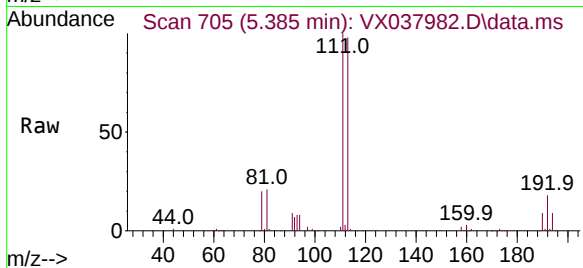
Tgt Ion:113 Resp: 114030

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 18.9 13.3 19.9



#44

Trichloroethene

Concen: 18.350 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037982.D

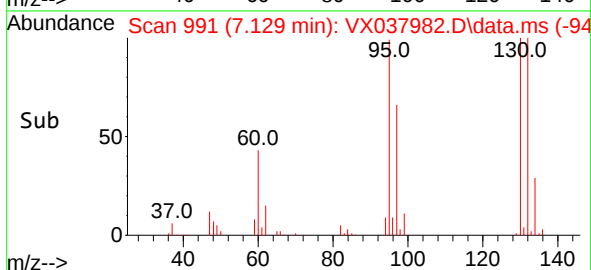
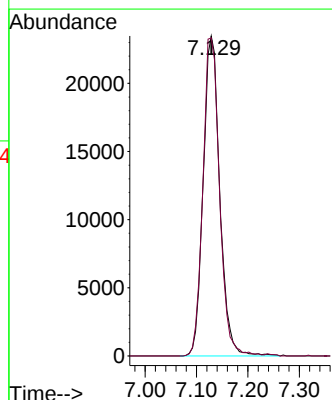
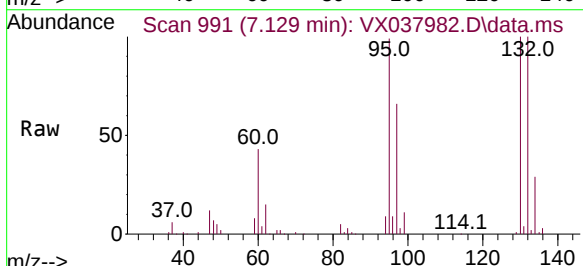
Acq: 29 Sep 2023 17:42

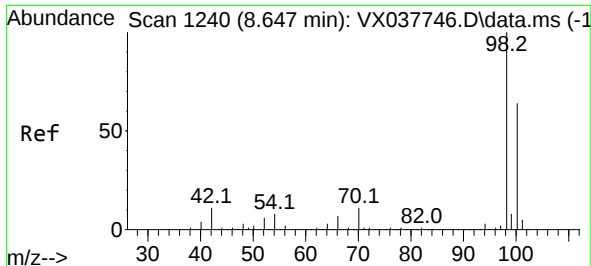
Tgt Ion:130 Resp: 52616

Ion Ratio Lower Upper

130 100

95 99.4 0.0 204.4

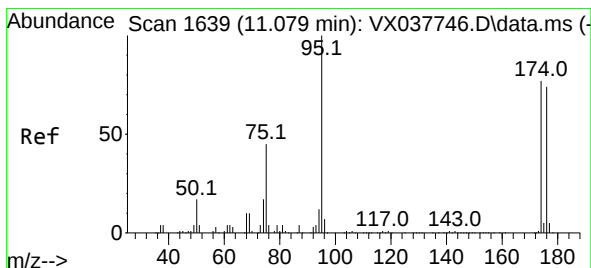
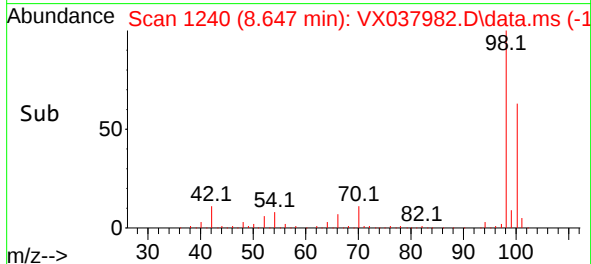
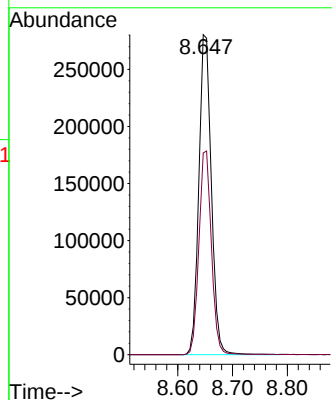
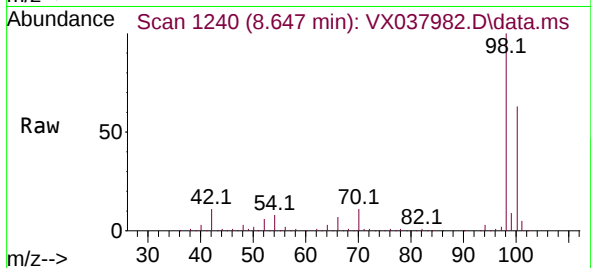




#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

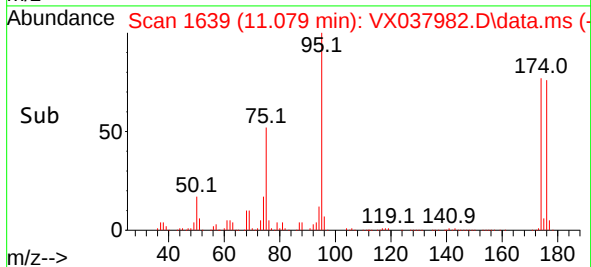
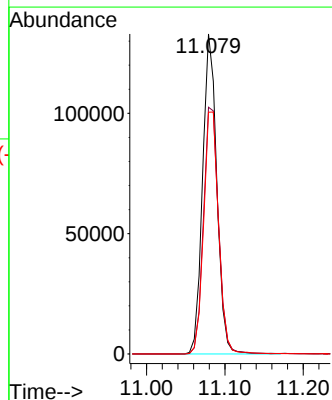
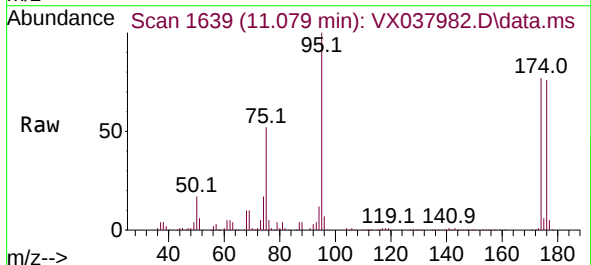
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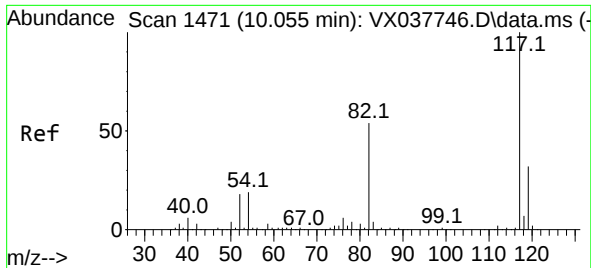
Tgt Ion: 98 Resp: 445453
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 95 Resp: 167633
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 79.8 0.0 131.0

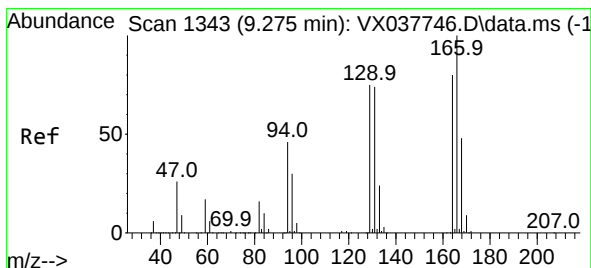
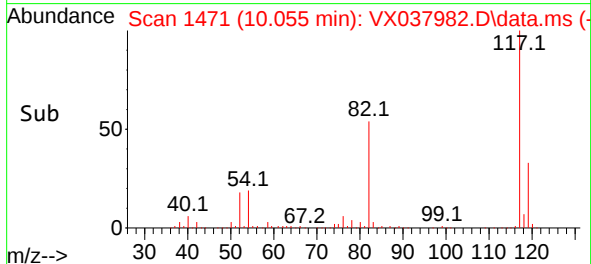
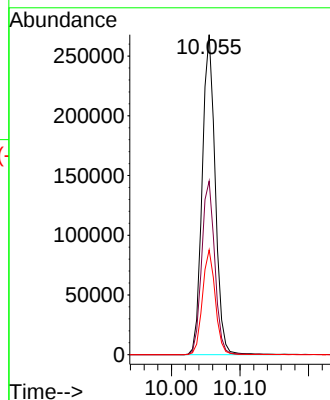
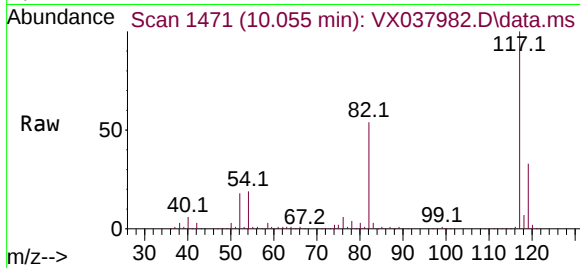




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

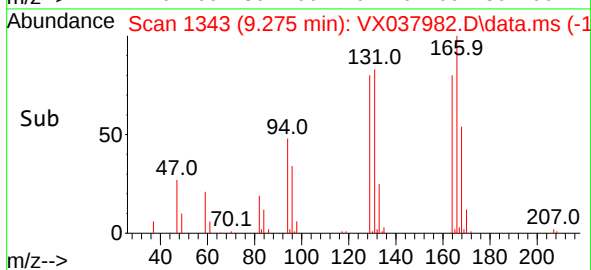
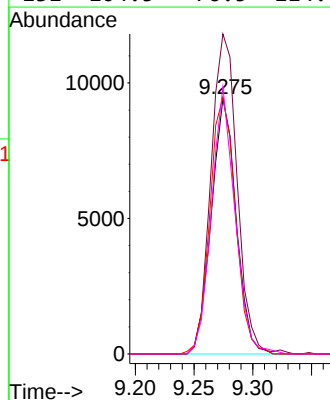
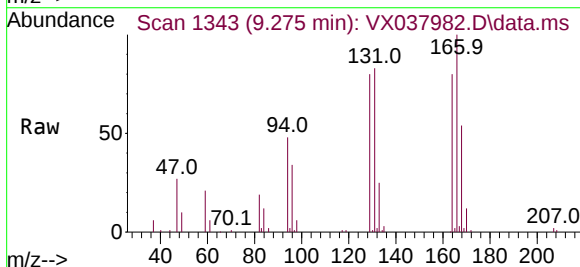
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

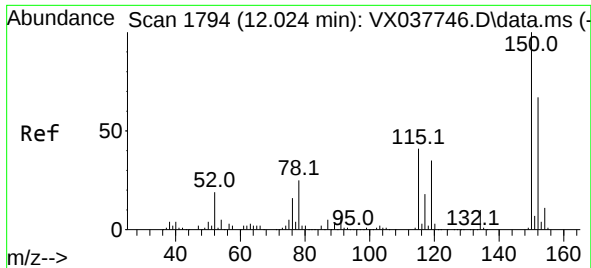
Tgt Ion:117 Resp: 354878
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 5.696 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

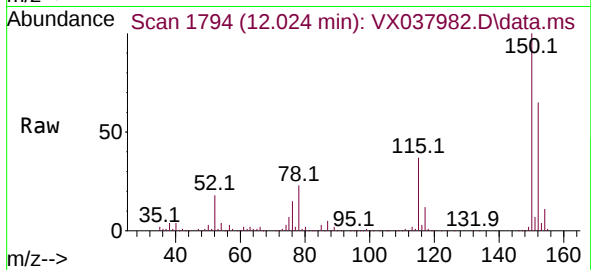
Tgt Ion:164 Resp: 13786
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 100.4 80.4 120.6
131 104.5 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037982.D
 Acq: 29 Sep 2023 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D



Tgt Ion:152 Resp: 186464
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 157.0 0.0 345.0

