

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037672.D
 Acq On : 12 Sep 2023 16:37
 Operator : JC/MD
 Sample : 04373-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1041-MW-01(23)

Quant Time: Sep 13 01:46:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

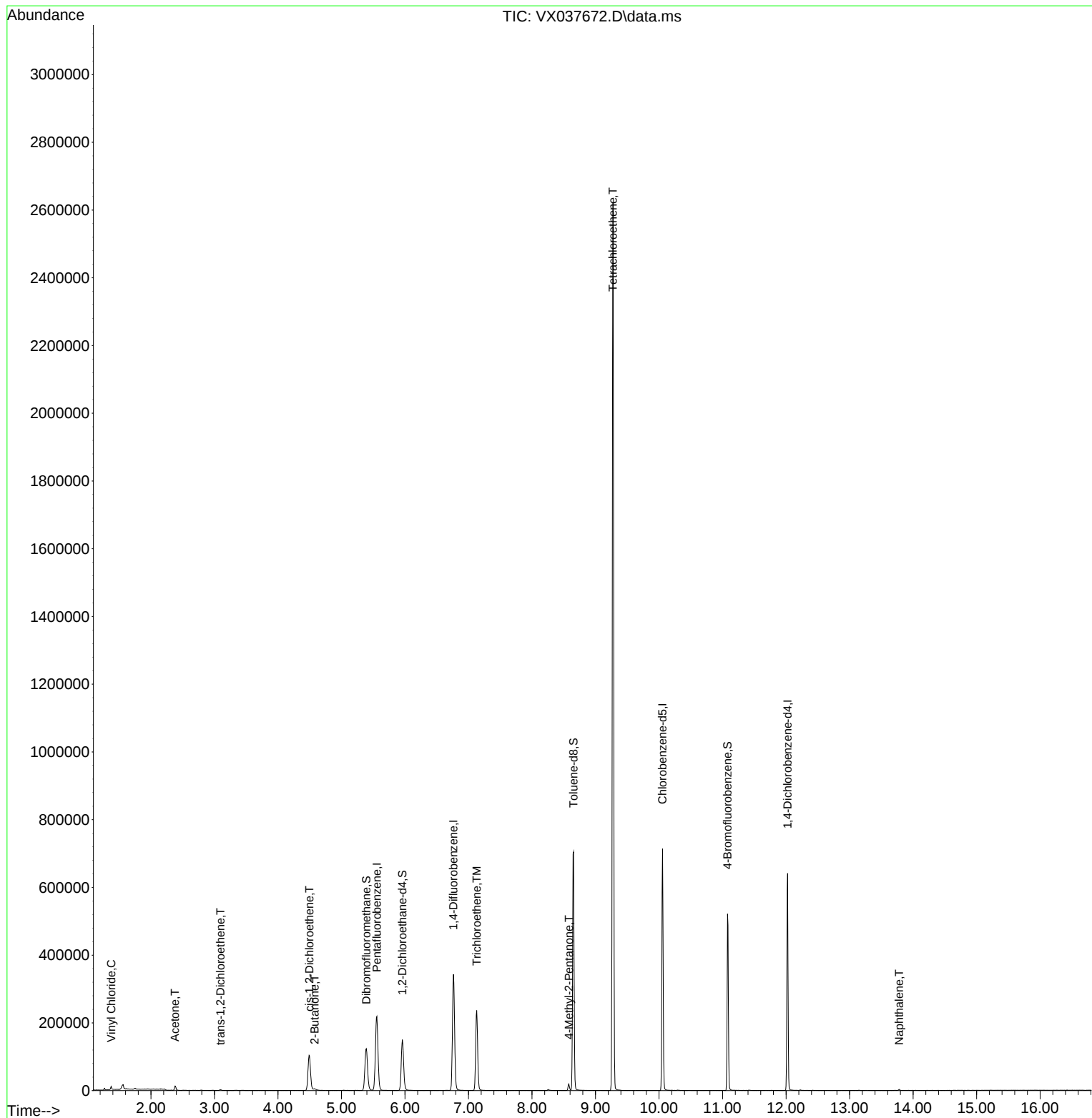
Internal Standards						
1) Pentafluorobenzene	5.556	168	202317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140671	42.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.940%
35) Dibromofluoromethane	5.391	113	110005	44.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.800%
50) Toluene-d8	8.653	98	431912	46.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	139545	41.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.780%#
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	4104	1.444	ug/l	96
16) Acetone	2.380	43	14288	10.797	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	999	0.417	ug/l #	91
25) 2-Butanone	4.574	43	8755	4.057	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	67272	23.036	ug/l	83
44) Trichloroethene	7.129	130	88273	34.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	11399	2.822	ug/l	99
64) Tetrachloroethene	9.275	164	459885	226.413	ug/l	98
95) Naphthalene	13.780	128	2424	0.253	ug/l	98

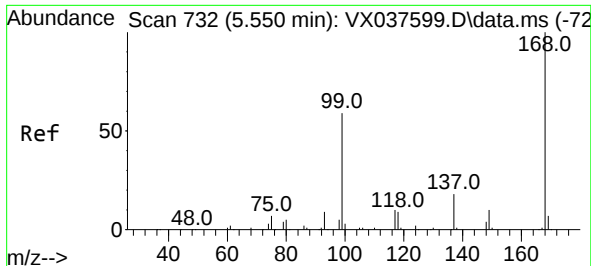
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
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: VX037672.D

Acq: 12 Sep 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

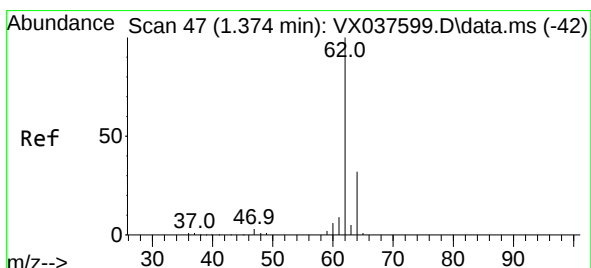
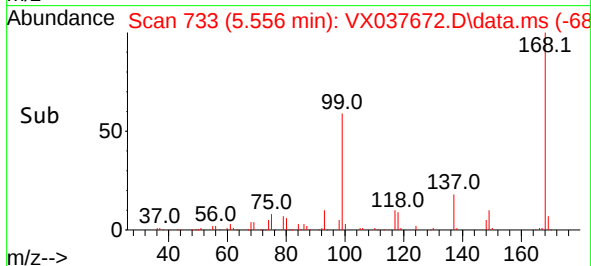
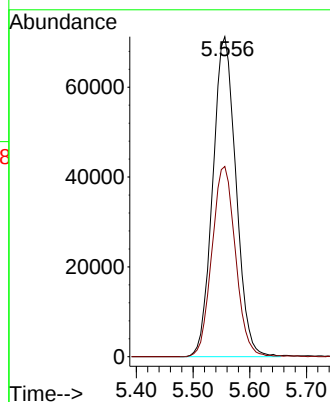
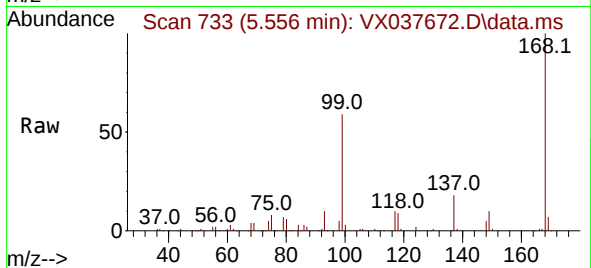
1041-MW-01(23)

Tgt Ion:168 Resp: 202317

Ion Ratio Lower Upper

168 100

99 59.5 56.6 85.0



#4

Vinyl Chloride

Concen: 1.444 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037672.D

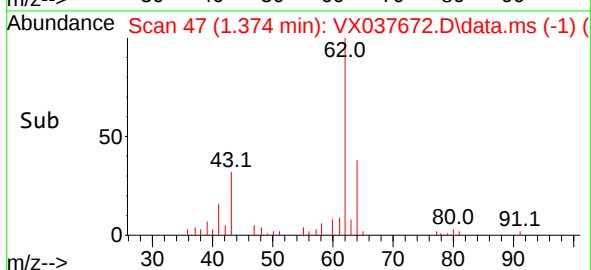
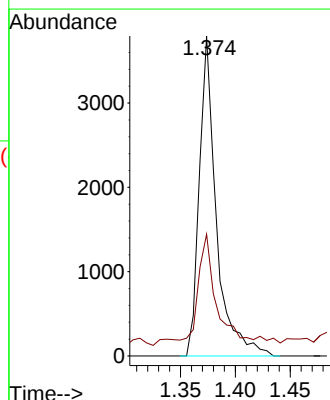
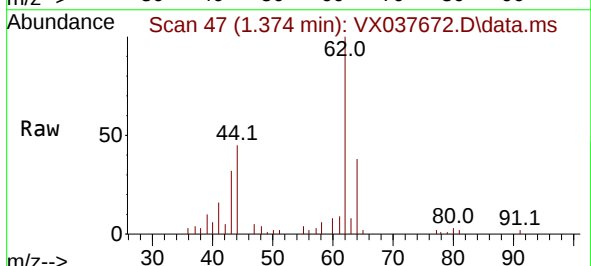
Acq: 12 Sep 2023 16:37

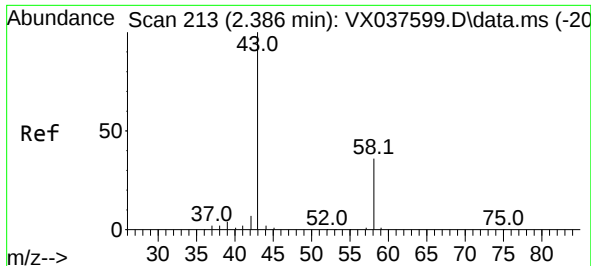
Tgt Ion: 62 Resp: 4104

Ion Ratio Lower Upper

62 100

64 34.0 25.4 38.0

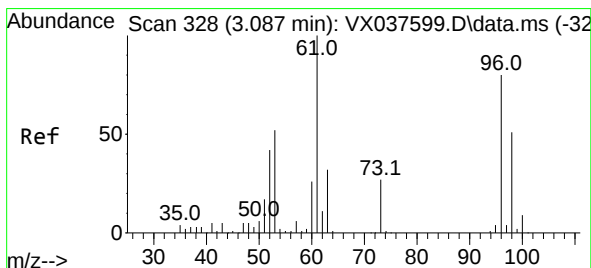
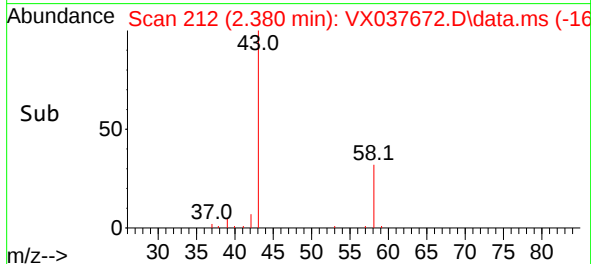
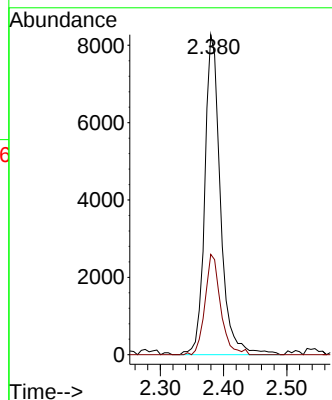
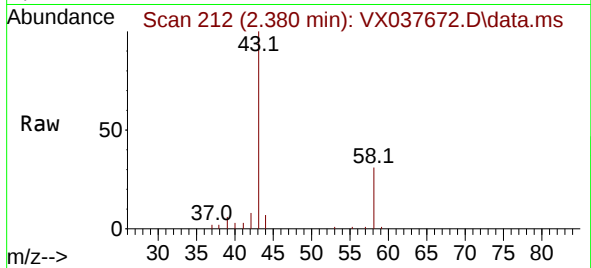




#16
Acetone
Concen: 10.797 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

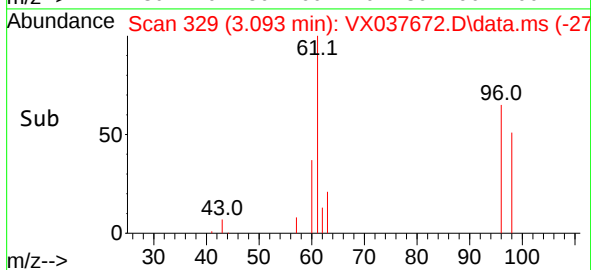
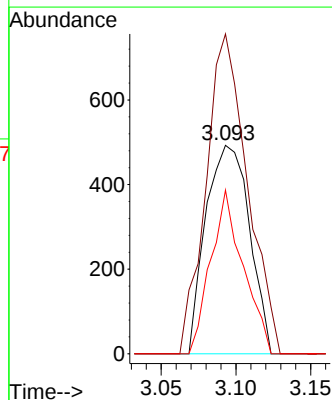
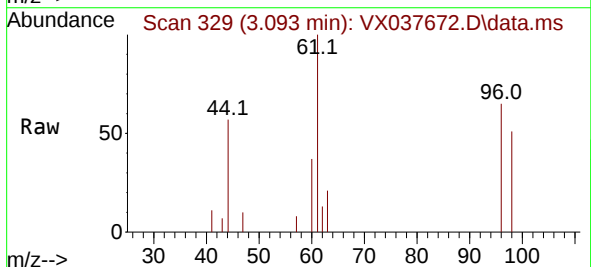
Instrument :
MSVOA_X
ClientSampleId :
1041-MW-01(23)

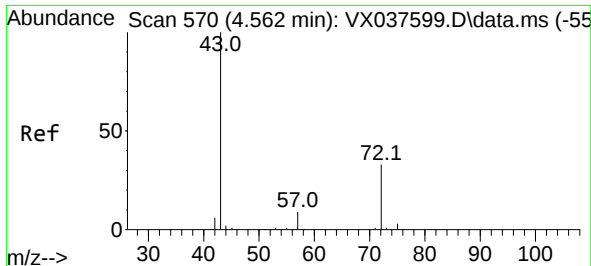
Tgt Ion: 43 Resp: 14288
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9



#21
trans-1,2-Dichloroethene
Concen: 0.417 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

Tgt Ion: 96 Resp: 999
Ion Ratio Lower Upper
96 100
61 153.3 119.2 178.8
98 78.5 48.7 73.1#

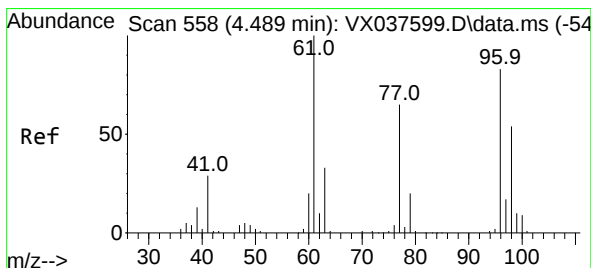
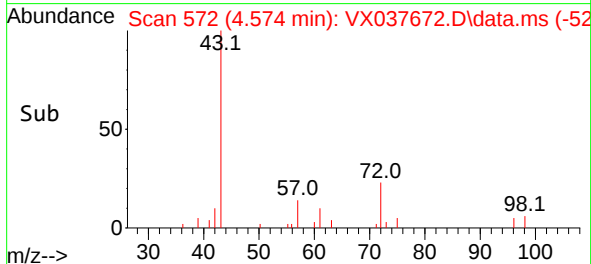
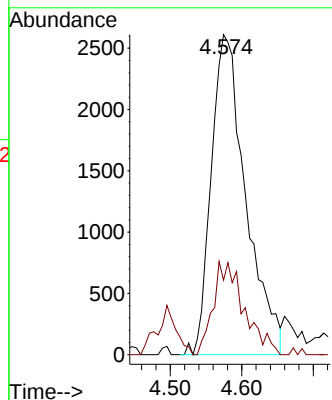
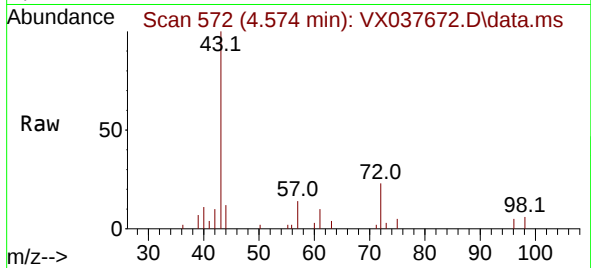




#25
2-Butanone
Concen: 4.057 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

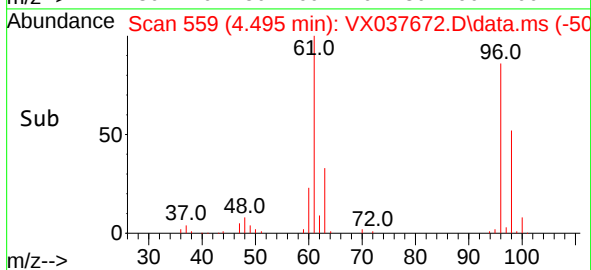
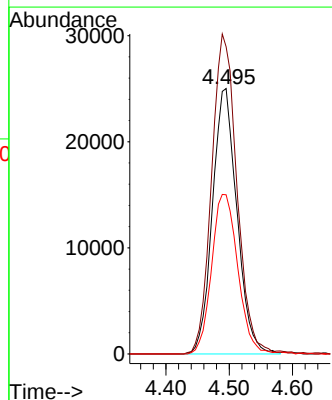
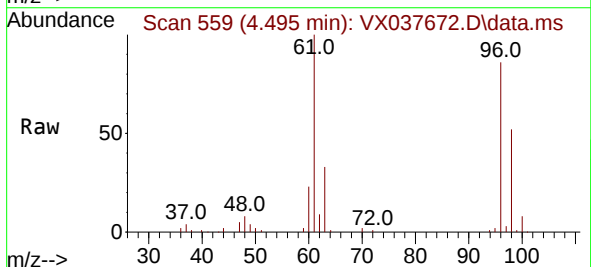
Instrument :
MSVOA_X
ClientSampleId :
1041-MW-01(23)

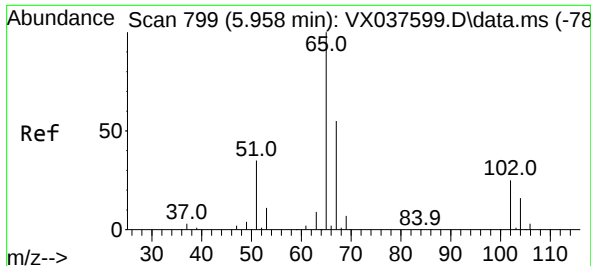
Tgt Ion: 43 Resp: 8755
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 23.036 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

Tgt Ion: 96 Resp: 67272
Ion Ratio Lower Upper
96 100
61 124.6 0.0 312.2
98 64.4 0.0 129.0

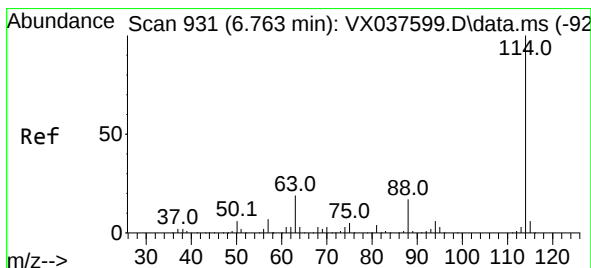
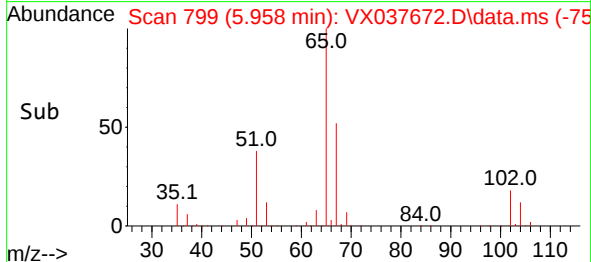
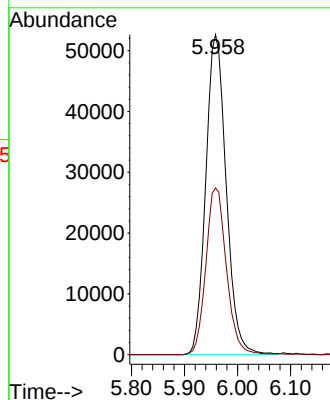
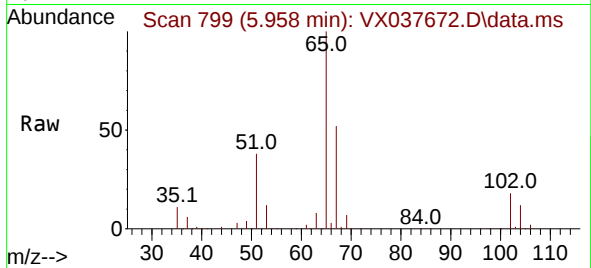




#33
 1,2-Dichloroethane-d4
 Concen: 42.975 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037672.D
 Acq: 12 Sep 2023 16:37

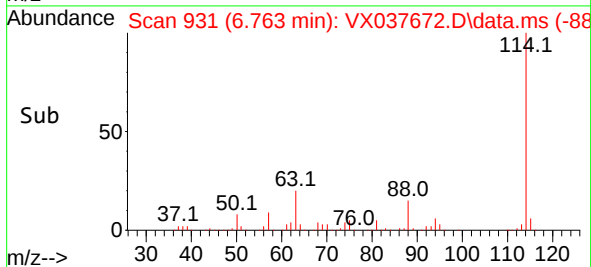
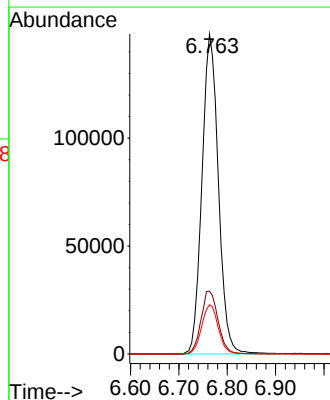
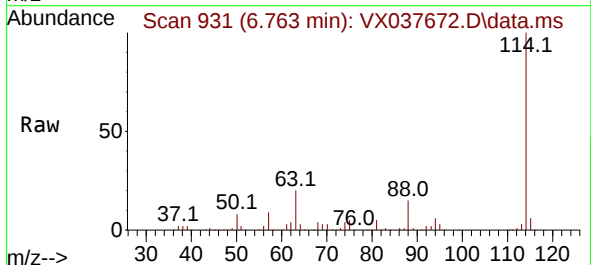
Instrument :
 MSVOA_X
 ClientSampleId :
 1041-MW-01(23)

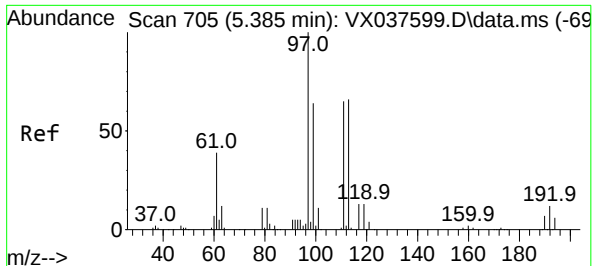
Tgt Ion: 65 Resp: 140671
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037672.D
 Acq: 12 Sep 2023 16:37

Tgt Ion: 114 Resp: 349546
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.399 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037672.D

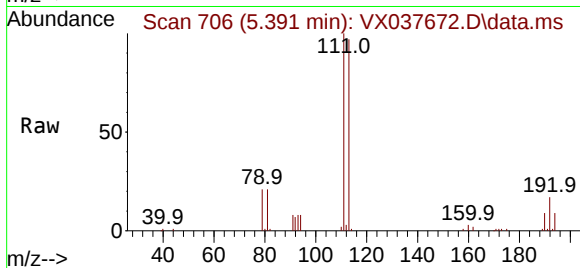
Acq: 12 Sep 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

1041-MW-01(23)



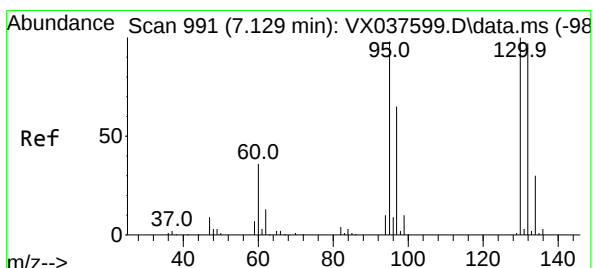
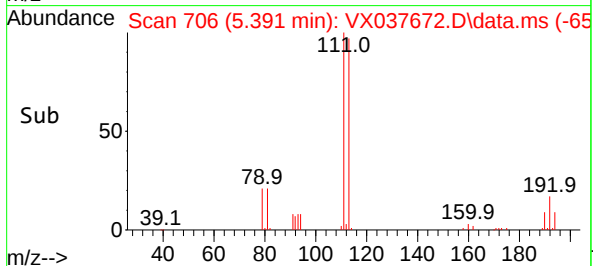
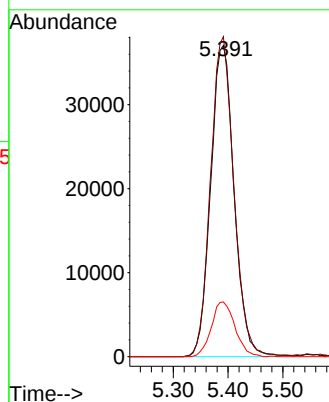
Tgt Ion:113 Resp: 110005

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 17.8 13.3 19.9



#44

Trichloroethene

Concen: 34.578 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX037672.D

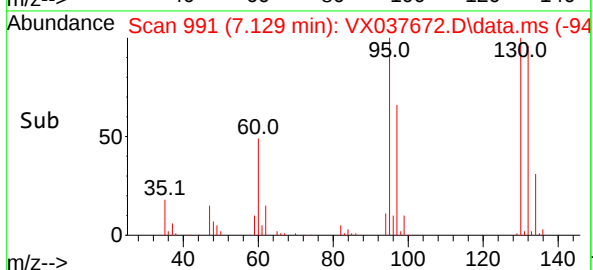
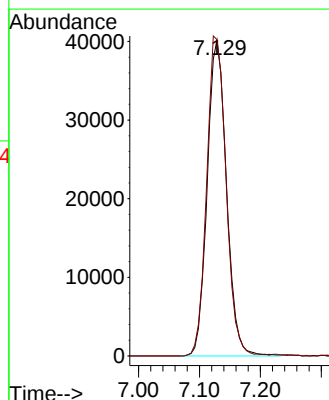
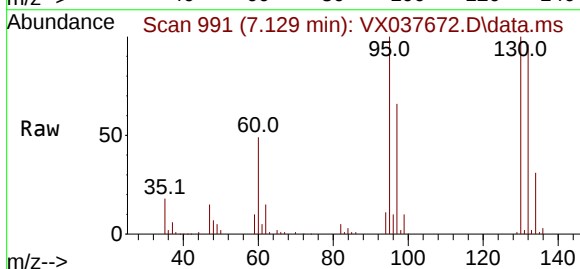
Acq: 12 Sep 2023 16:37

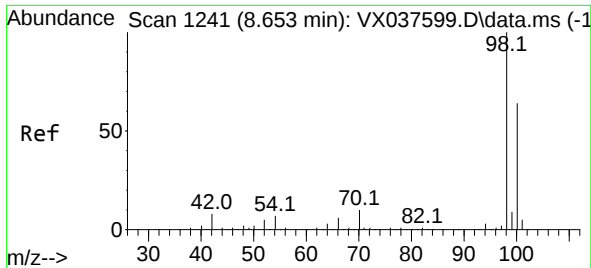
Tgt Ion:130 Resp: 88273

Ion Ratio Lower Upper

130 100

95 100.2 0.0 204.4

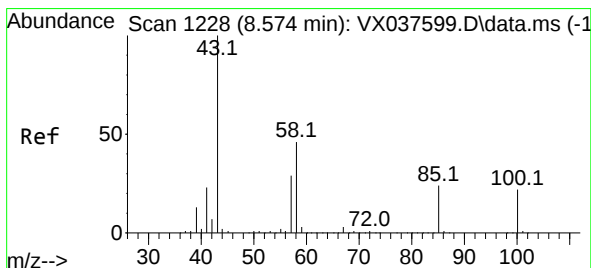
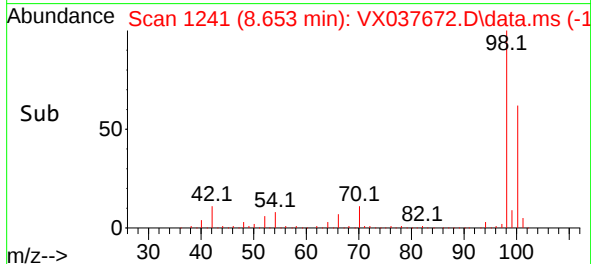
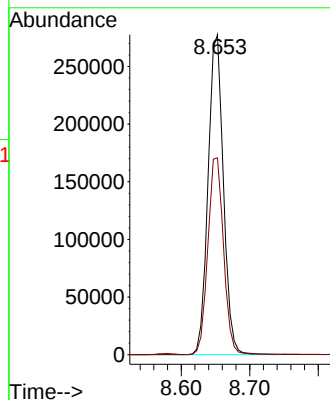
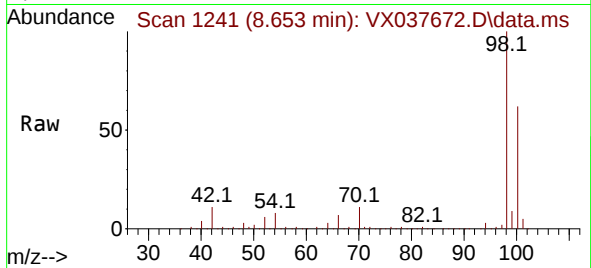




#50
Toluene-d8
Concen: 46.223 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

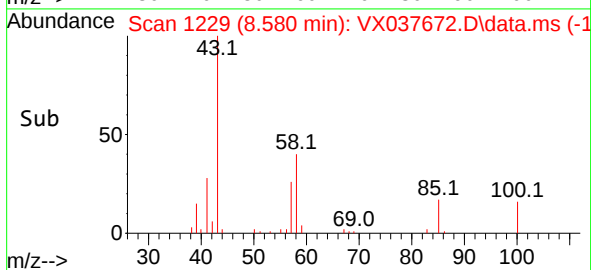
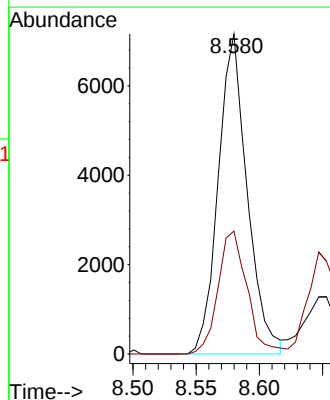
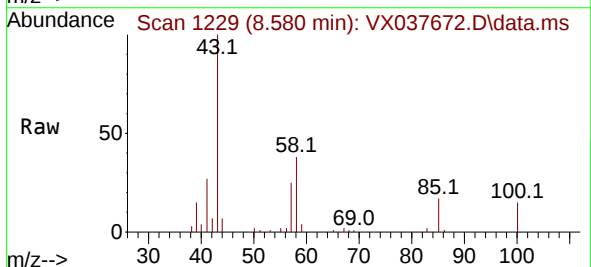
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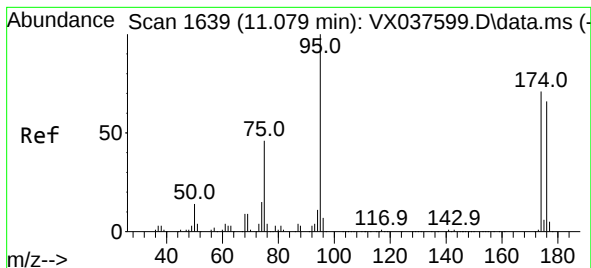
Tgt Ion: 98 Resp: 431912
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.822 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

Tgt Ion: 43 Resp: 11399
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

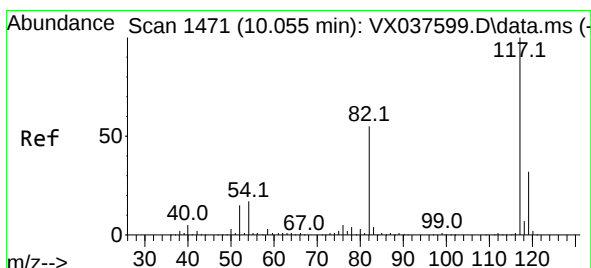
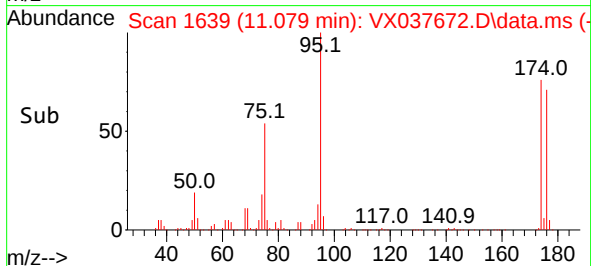
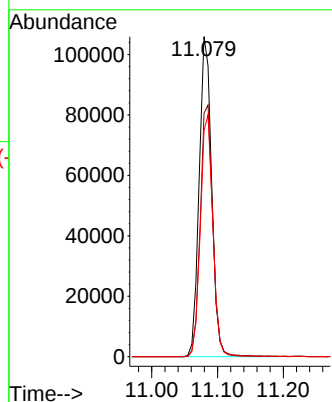
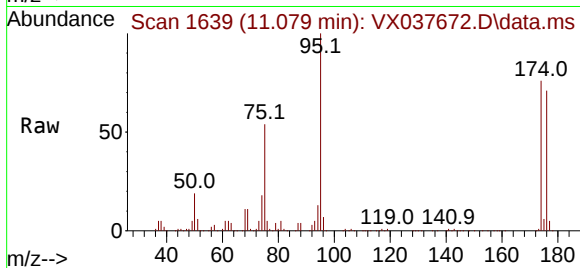




#62
4-Bromofluorobenzene
Concen: 41.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

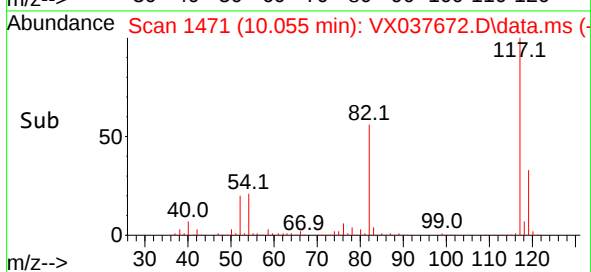
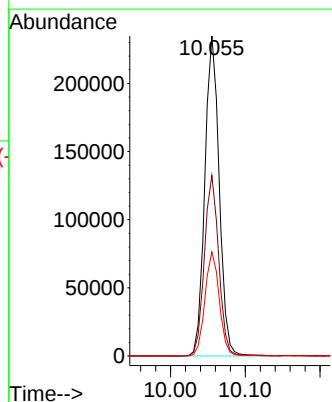
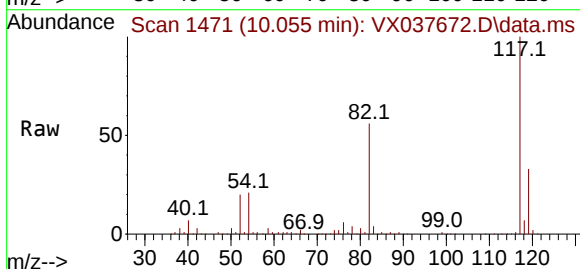
Instrument :
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1041-MW-01(23)

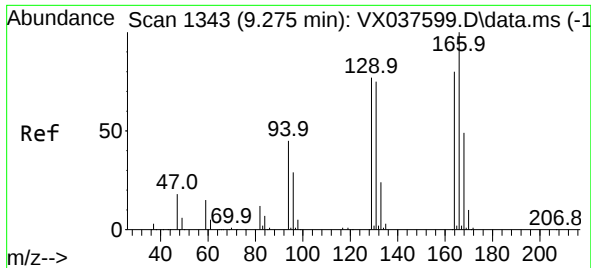
Tgt Ion: 95 Resp: 139545
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

Tgt Ion: 117 Resp: 313499
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.5 25.5 38.3

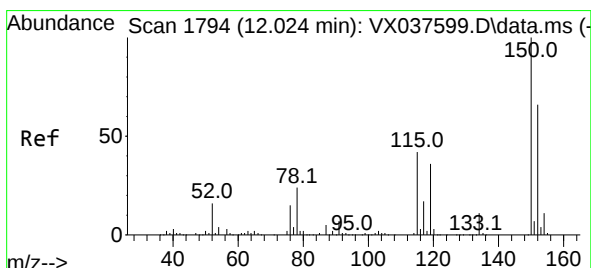
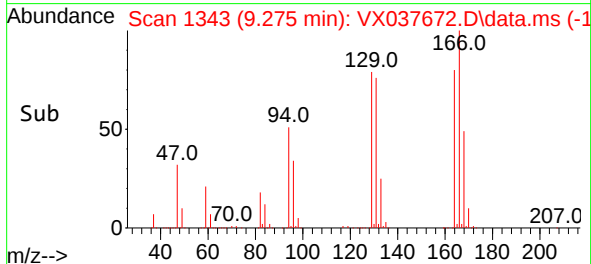
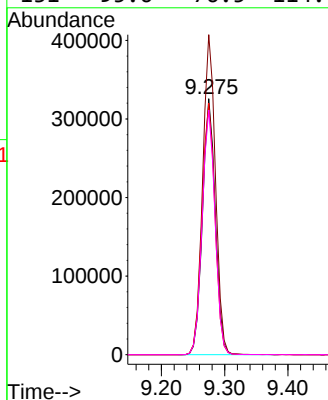
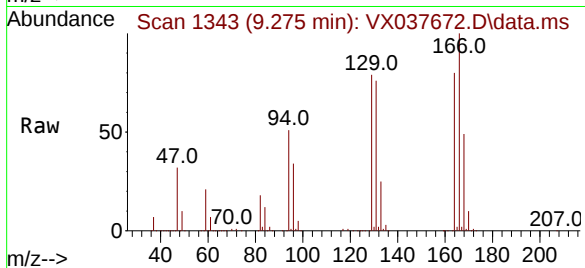




#64
Tetrachloroethene
Concen: 226.413 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

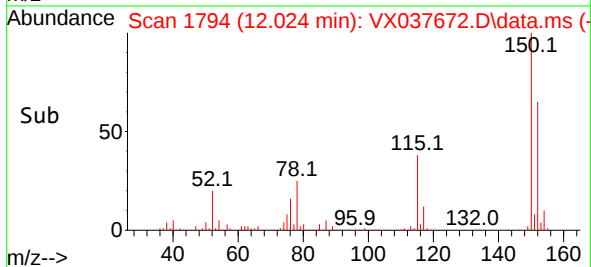
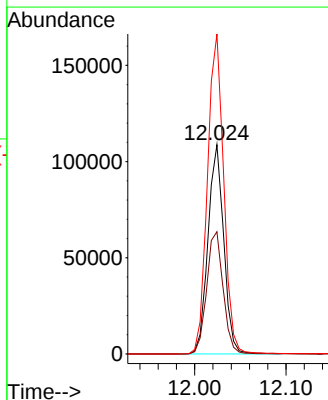
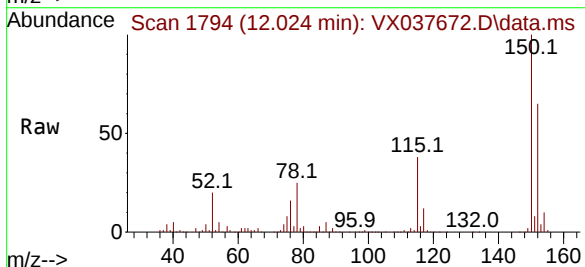
Instrument :
MSVOA_X
ClientSampleId :
1041-MW-01(23)

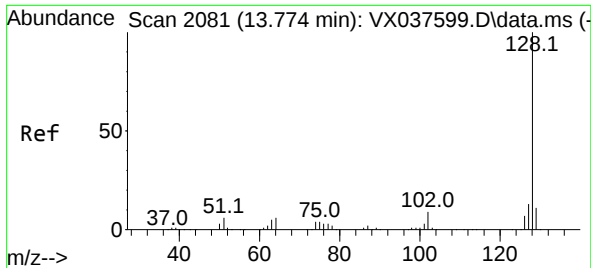
Tgt Ion:164 Resp: 459885
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 98.3 80.4 120.6
131 95.6 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037672.D
Acq: 12 Sep 2023 16:37

Tgt Ion:152 Resp: 130163
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 157.1 0.0 345.0





#95

Naphthalene

Concen: 0.253 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX037672.D

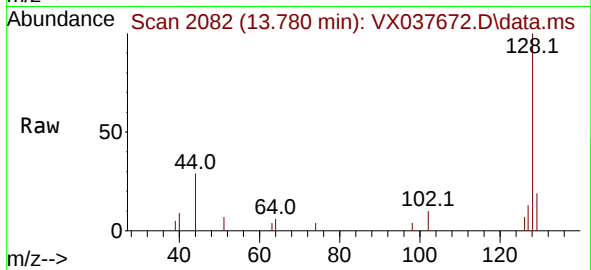
Acq: 12 Sep 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

1041-MW-01(23)



Tgt Ion:128 Resp: 2424

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 12.8 8.8 13.2

