

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037668.D
 Acq On : 12 Sep 2023 15:00
 Operator : JC/MD
 Sample : 04373-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1042-MW-02(23.8)

Quant Time: Sep 13 01:45:22 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)

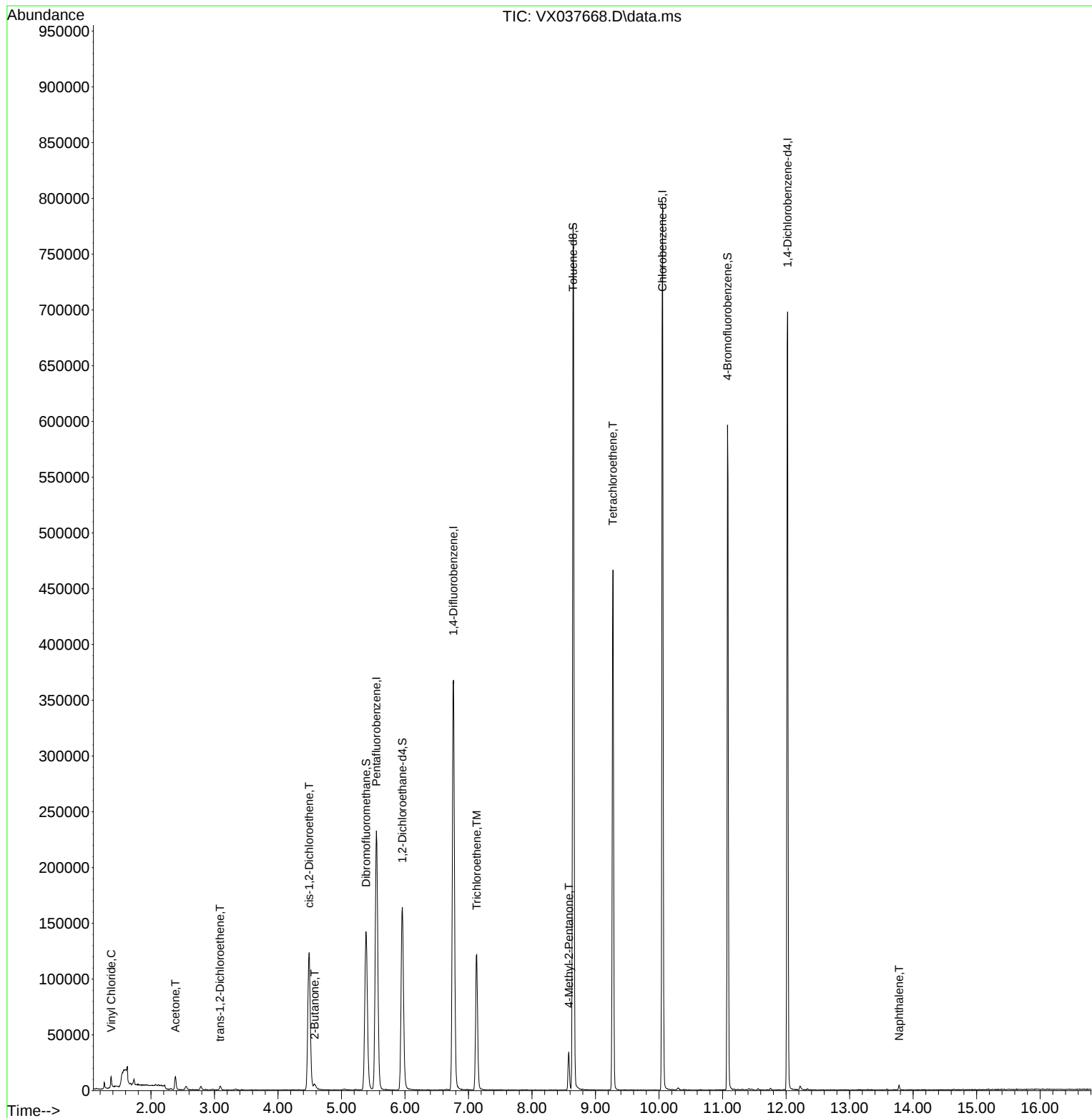
Internal Standards						
1) Pentafluorobenzene	5.550	168	214733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160768	46.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.385	113	123736	45.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	8.647	98	467256	45.875	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.760%#
62) 4-Bromofluorobenzene	11.079	95	155776	42.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.780%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	4848	1.607	ug/l	96
16) Acetone	2.386	43	12034	8.568	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	1349	0.531	ug/l	82
25) 2-Butanone	4.574	43	9030	3.943	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	77874	25.124	ug/l	84
44) Trichloroethene	7.129	130	46270	16.628	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	20295	4.609	ug/l	98
64) Tetrachloroethene	9.275	164	82911	37.012	ug/l	99
95) Naphthalene	13.780	128	2823	0.272	ug/l #	95

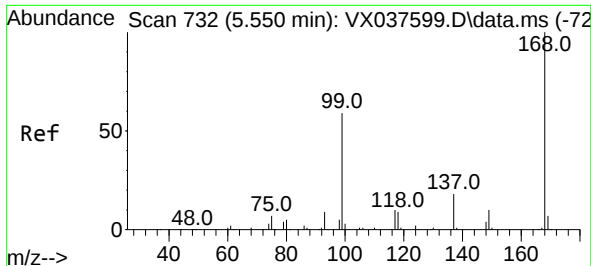
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1042-MW-02(23.8)

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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

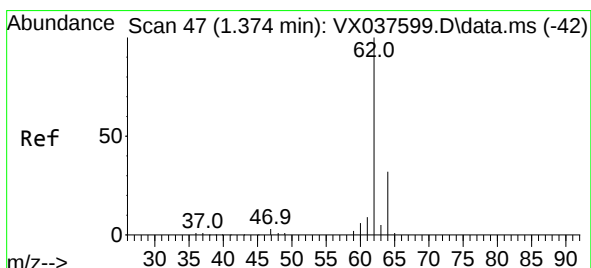
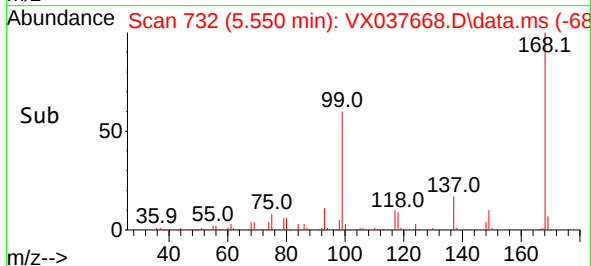
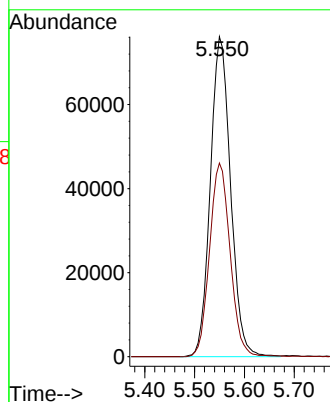
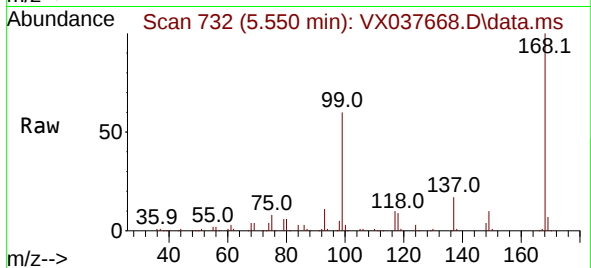




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

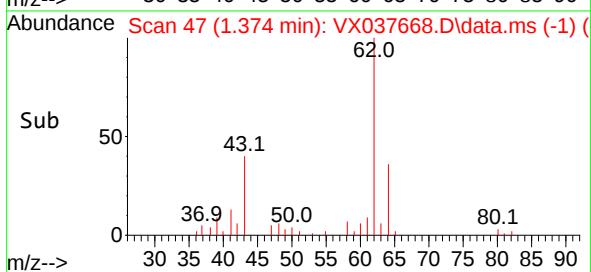
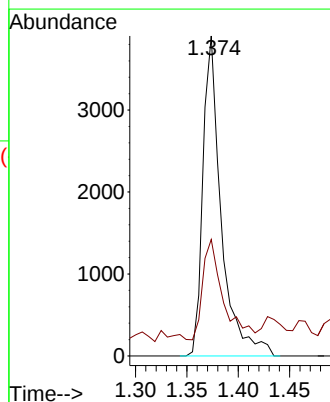
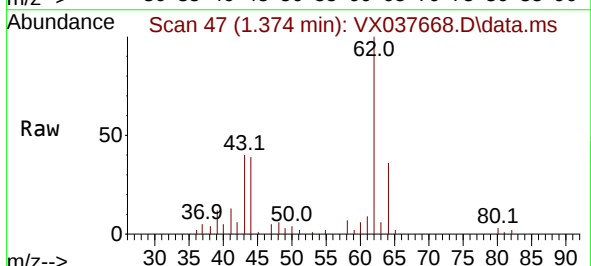
Instrument :
MSVOA_X
ClientSampleId :
1042-MW-02(23.8)

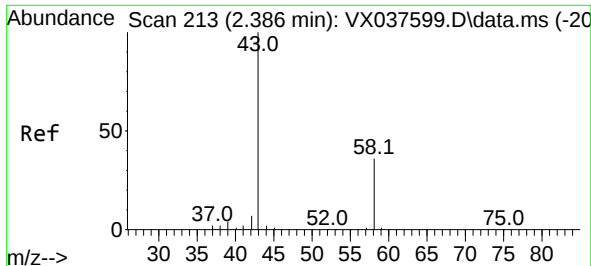
Tgt Ion:168 Resp: 214733
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#4
Vinyl Chloride
Concen: 1.607 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

Tgt Ion: 62 Resp: 4848
Ion Ratio Lower Upper
62 100
64 29.7 25.4 38.0

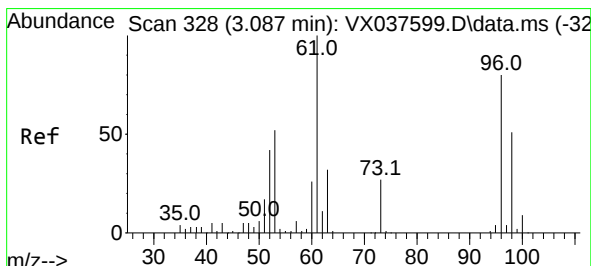
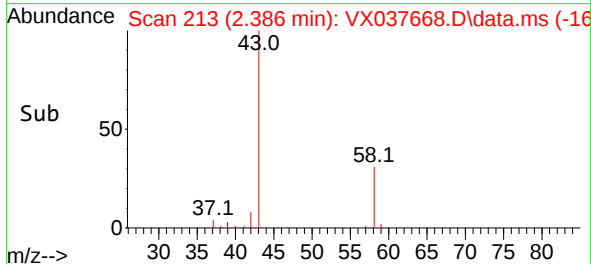
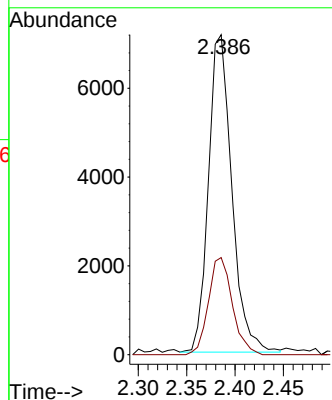
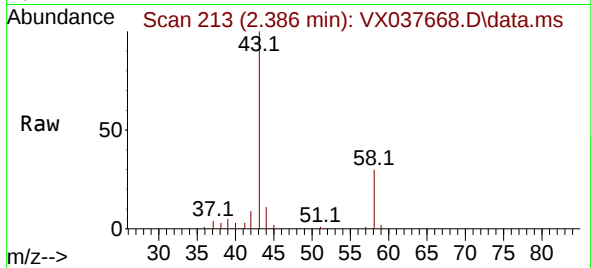




#16
Acetone
Concen: 8.568 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

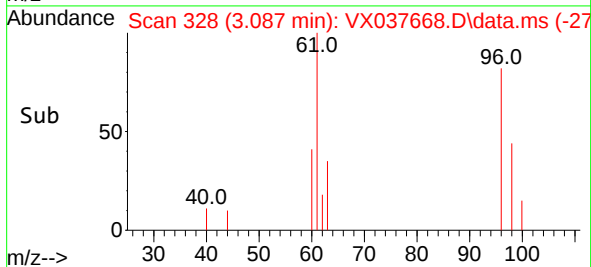
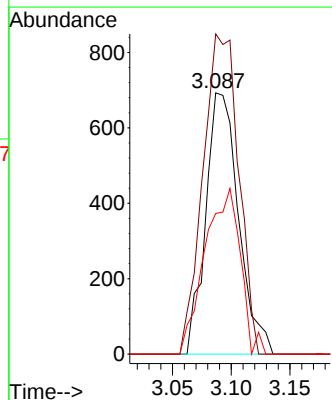
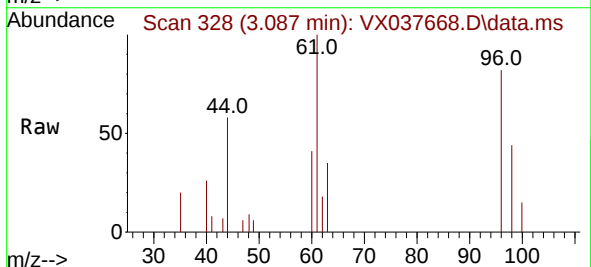
Instrument :
MSVOA_X
ClientSampleId :
1042-MW-02(23.8)

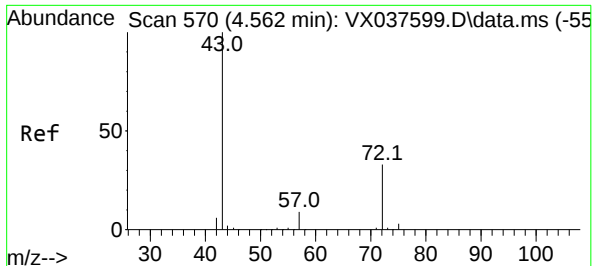
Tgt Ion: 43 Resp: 12034
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9



#21
trans-1,2-Dichloroethene
Concen: 0.531 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

Tgt Ion: 96 Resp: 1349
Ion Ratio Lower Upper
96 100
61 122.5 119.2 178.8
98 53.8 48.7 73.1





#25

2-Butanone

Concen: 3.943 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX037668.D

Acq: 12 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

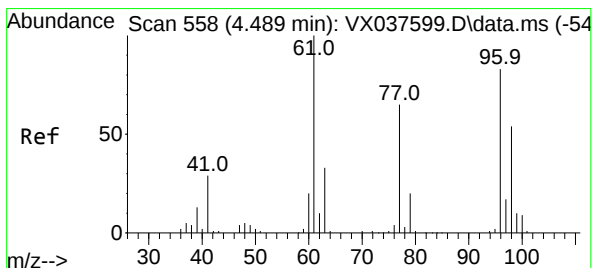
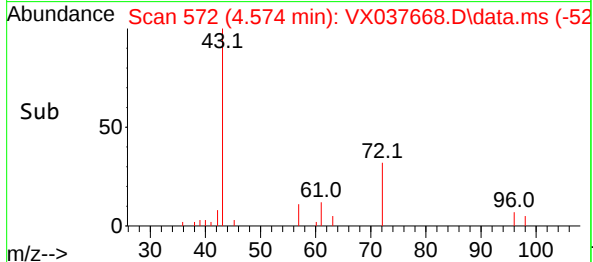
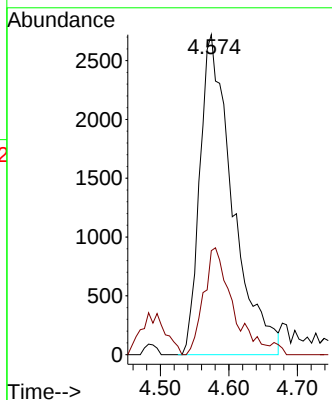
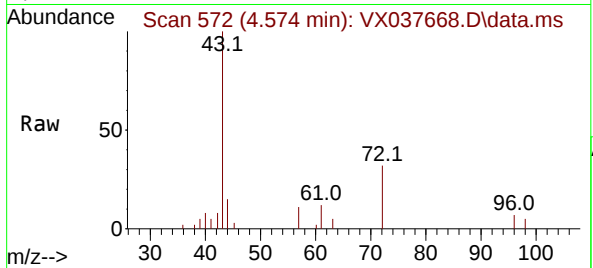
1042-MW-02(23.8)

Tgt Ion: 43 Resp: 9030

Ion Ratio Lower Upper

43 100

72 29.8 19.4 29.2#



#27

cis-1,2-Dichloroethene

Concen: 25.124 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037668.D

Acq: 12 Sep 2023 15:00

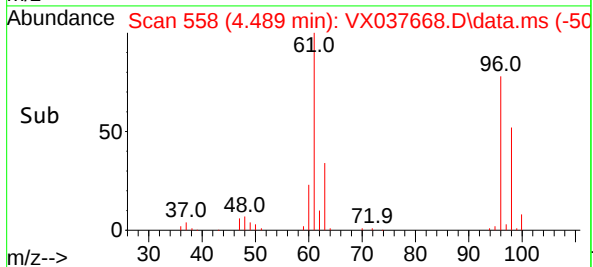
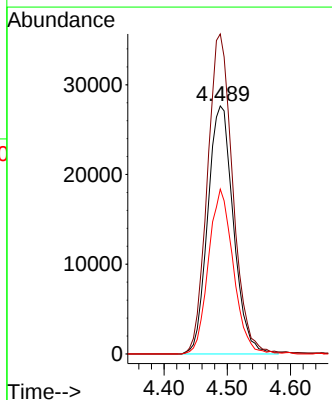
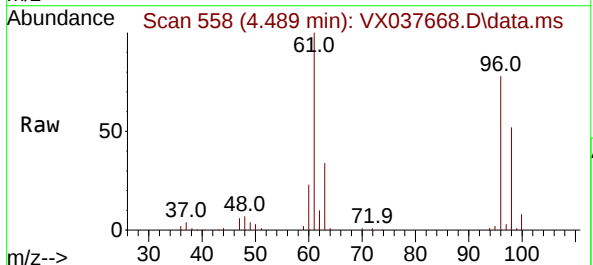
Tgt Ion: 96 Resp: 77874

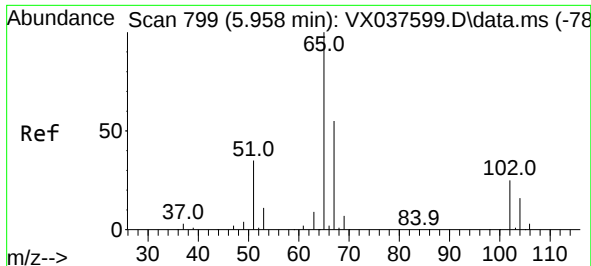
Ion Ratio Lower Upper

96 100

61 127.7 0.0 312.2

98 64.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.274 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037668.D

Acq: 12 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

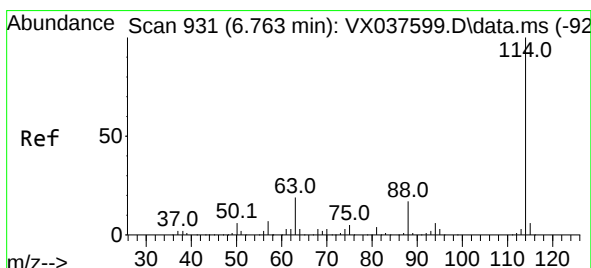
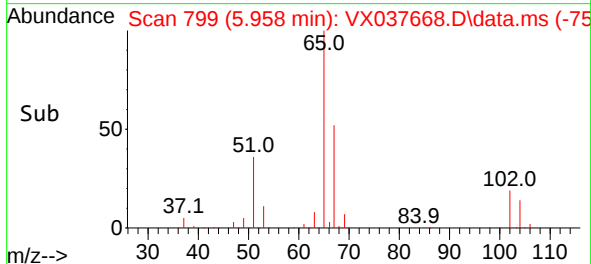
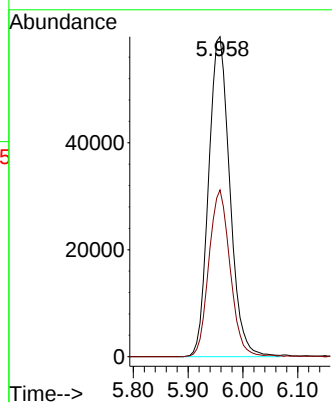
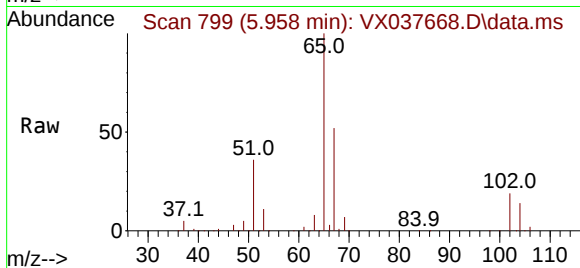
1042-MW-02(23.8)

Tgt Ion: 65 Resp: 160768

Ion Ratio Lower Upper

65 100

67 52.0 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: VX037668.D

Acq: 12 Sep 2023 15:00

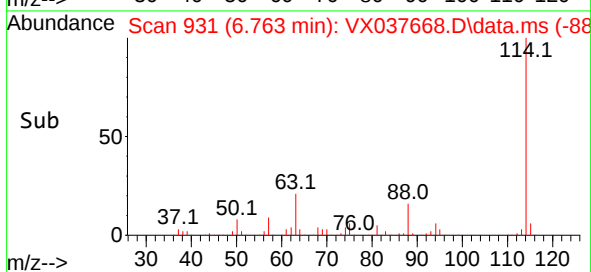
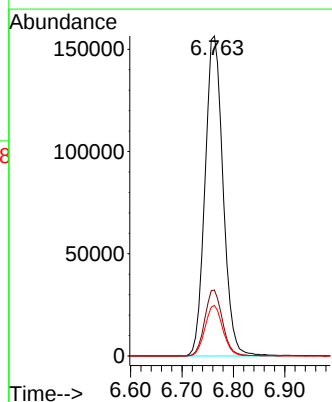
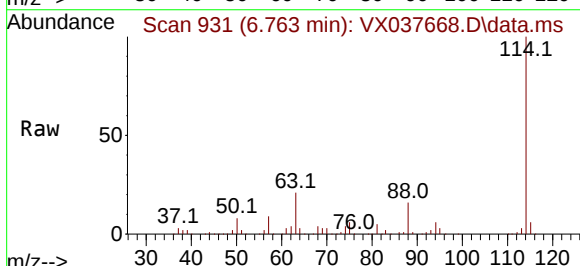
Tgt Ion: 114 Resp: 381012

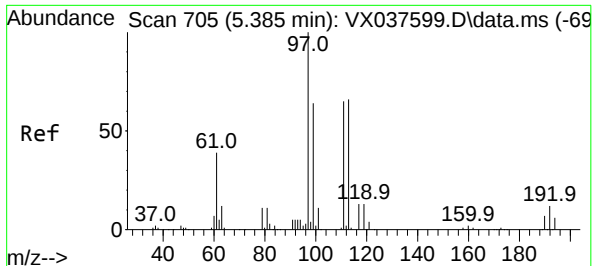
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.817 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037668.D

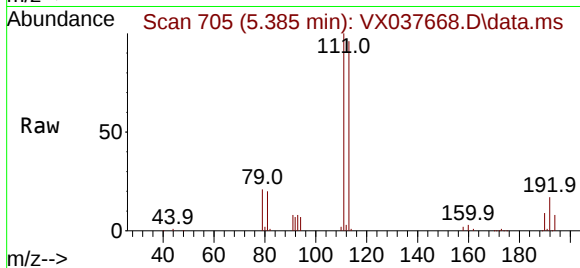
Acq: 12 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

1042-MW-02(23.8)



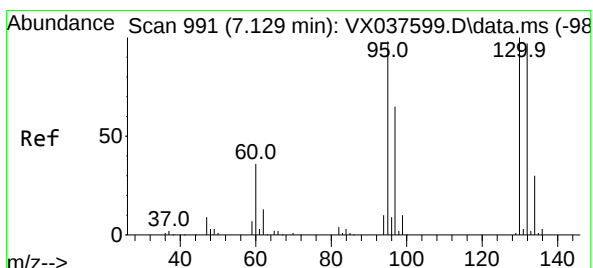
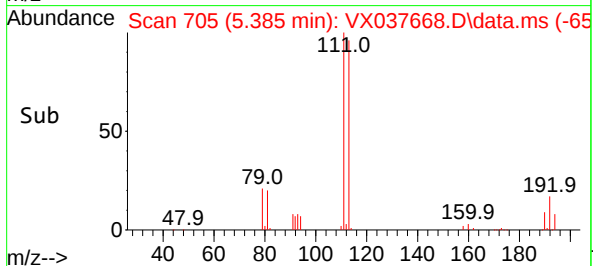
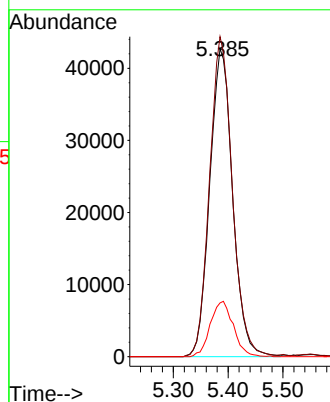
Tgt Ion:113 Resp: 123736

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.2 13.3 19.9



#44

Trichloroethene

Concen: 16.628 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX037668.D

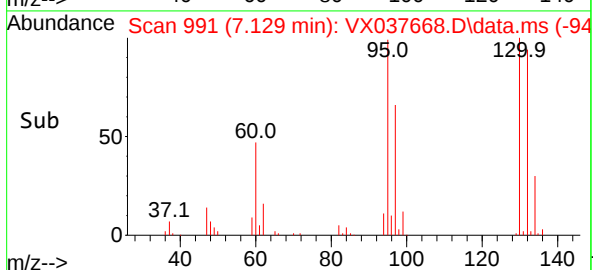
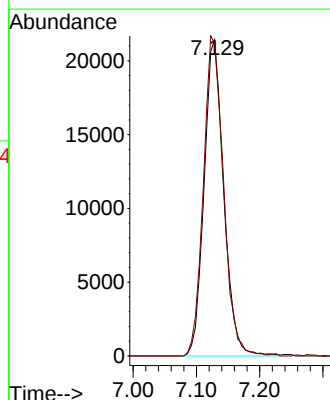
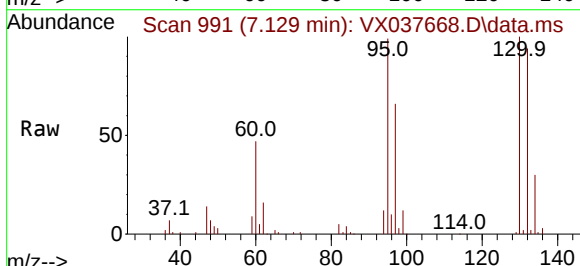
Acq: 12 Sep 2023 15:00

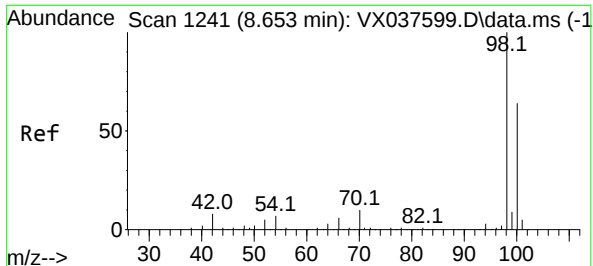
Tgt Ion:130 Resp: 46270

Ion Ratio Lower Upper

130 100

95 98.9 0.0 204.4





#50

Toluene-d8

Concen: 45.875 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX037668.D

Acq: 12 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

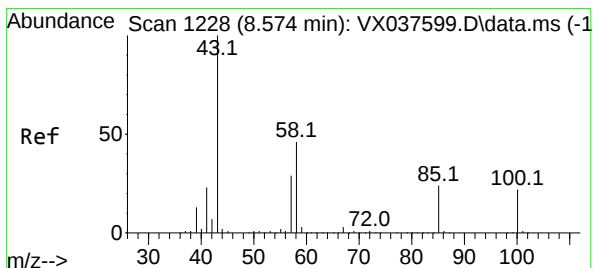
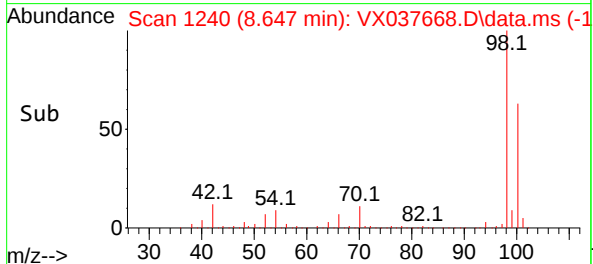
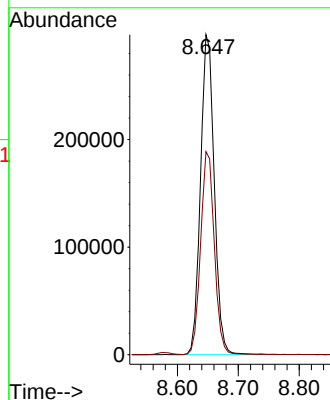
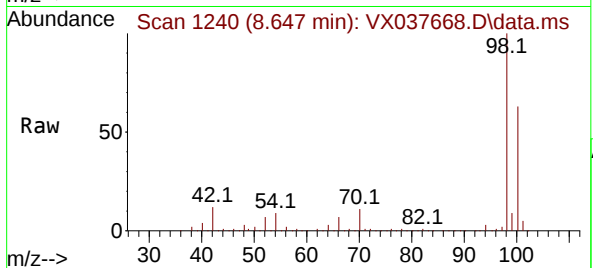
1042-MW-02(23.8)

Tgt Ion: 98 Resp: 467256

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 4.609 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX037668.D

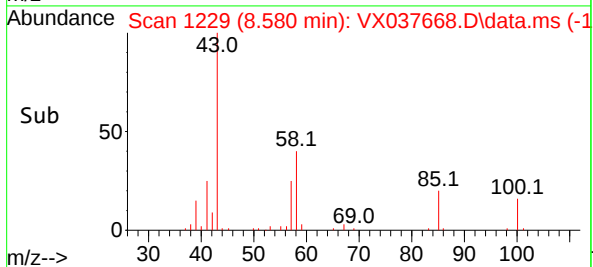
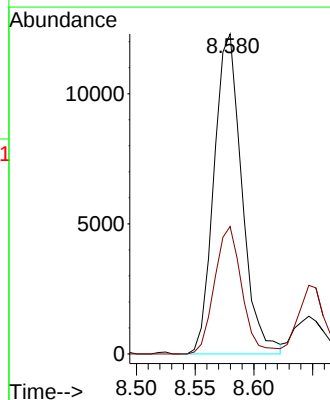
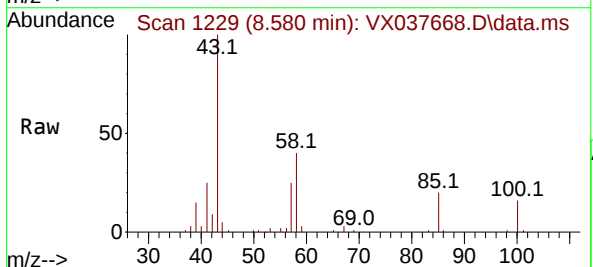
Acq: 12 Sep 2023 15:00

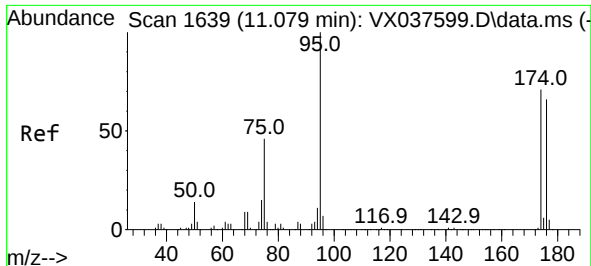
Tgt Ion: 43 Resp: 20295

Ion Ratio Lower Upper

43 100

58 39.2 30.4 45.6

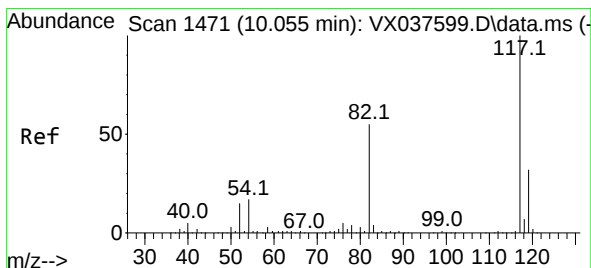
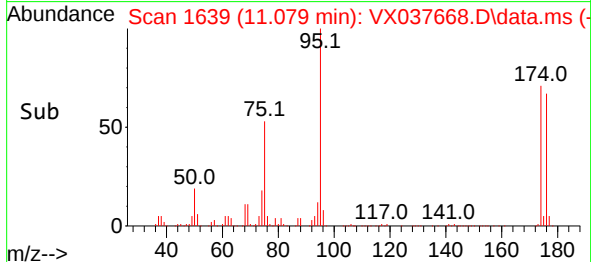
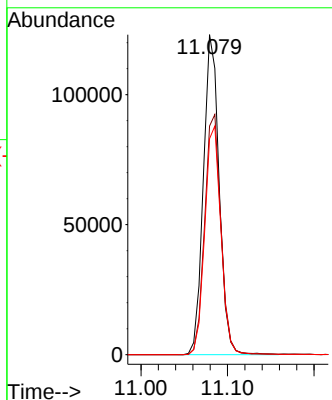
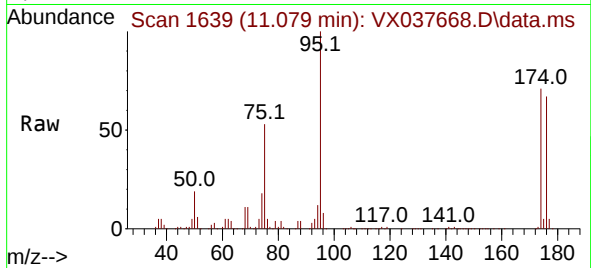




#62
4-Bromofluorobenzene
Concen: 42.393 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

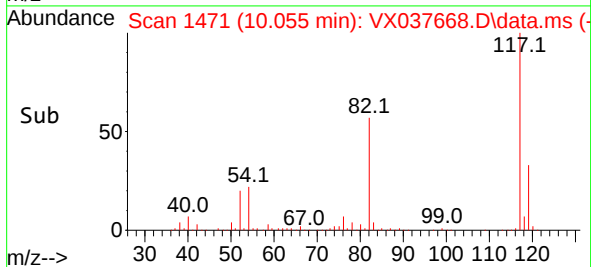
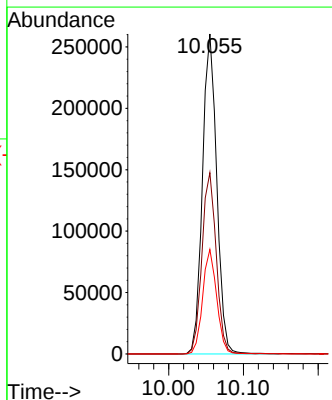
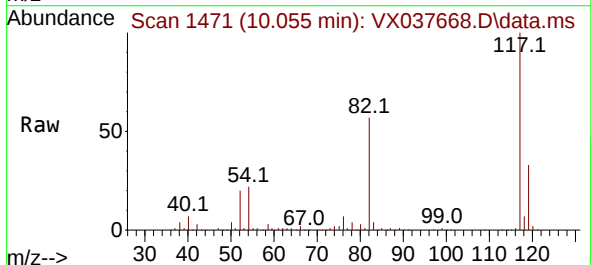
Instrument :
MSVOA_X
ClientSampleId :
1042-MW-02(23.8)

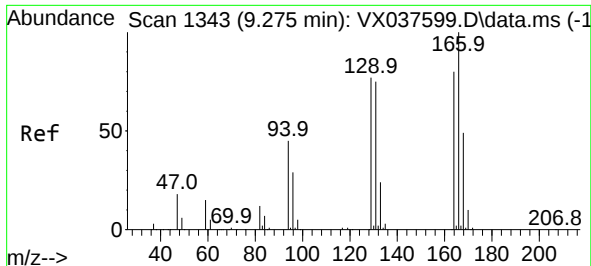
Tgt Ion: 95 Resp: 155776
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

Tgt Ion: 117 Resp: 345749
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.6 25.5 38.3

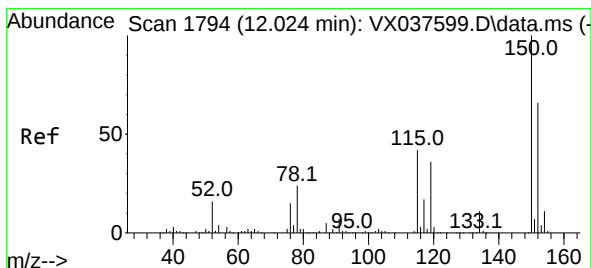
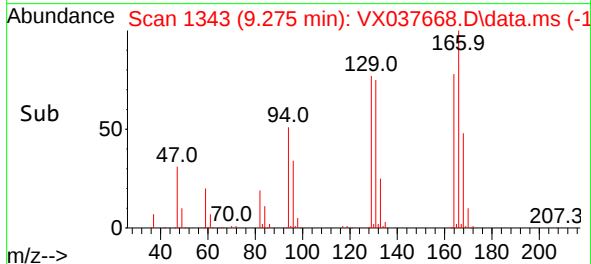
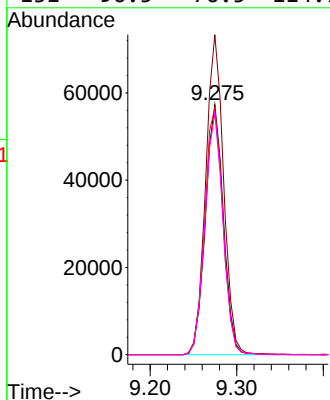
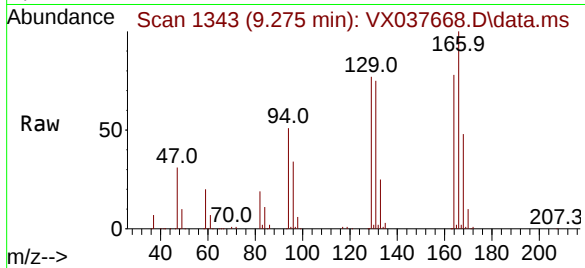




#64
Tetrachloroethene
Concen: 37.012 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

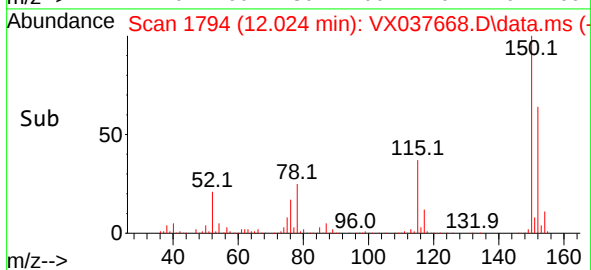
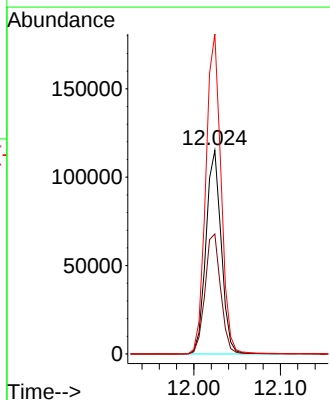
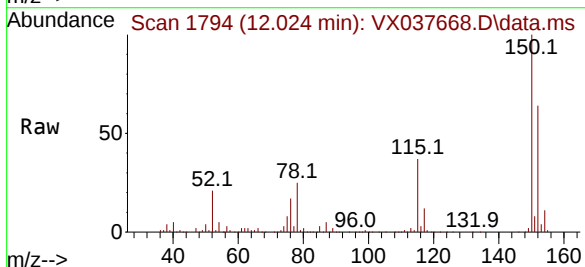
Instrument :
MSVOA_X
ClientSampleId :
1042-MW-02(23.8)

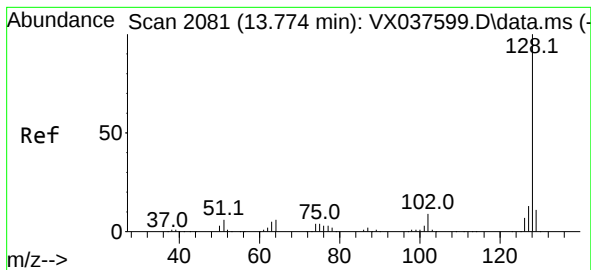
Tgt Ion:164 Resp: 82911
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 98.7 80.4 120.6
131 96.5 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037668.D
Acq: 12 Sep 2023 15:00

Tgt Ion:152 Resp: 141321
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 157.0 0.0 345.0





#95

Naphthalene

Concen: 0.272 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX037668.D

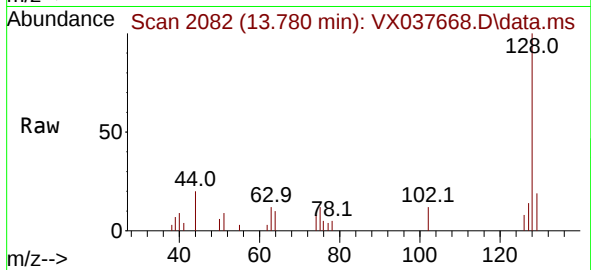
Acq: 12 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

1042-MW-02(23.8)



Tgt Ion:128 Resp: 2823

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 13.8 8.8 13.2#

