

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040339.D
 Acq On : 19 Feb 2024 18:30
 Operator : JC/MD
 Sample : P1440-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-2

Quant Time: Feb 20 01:20:20 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)

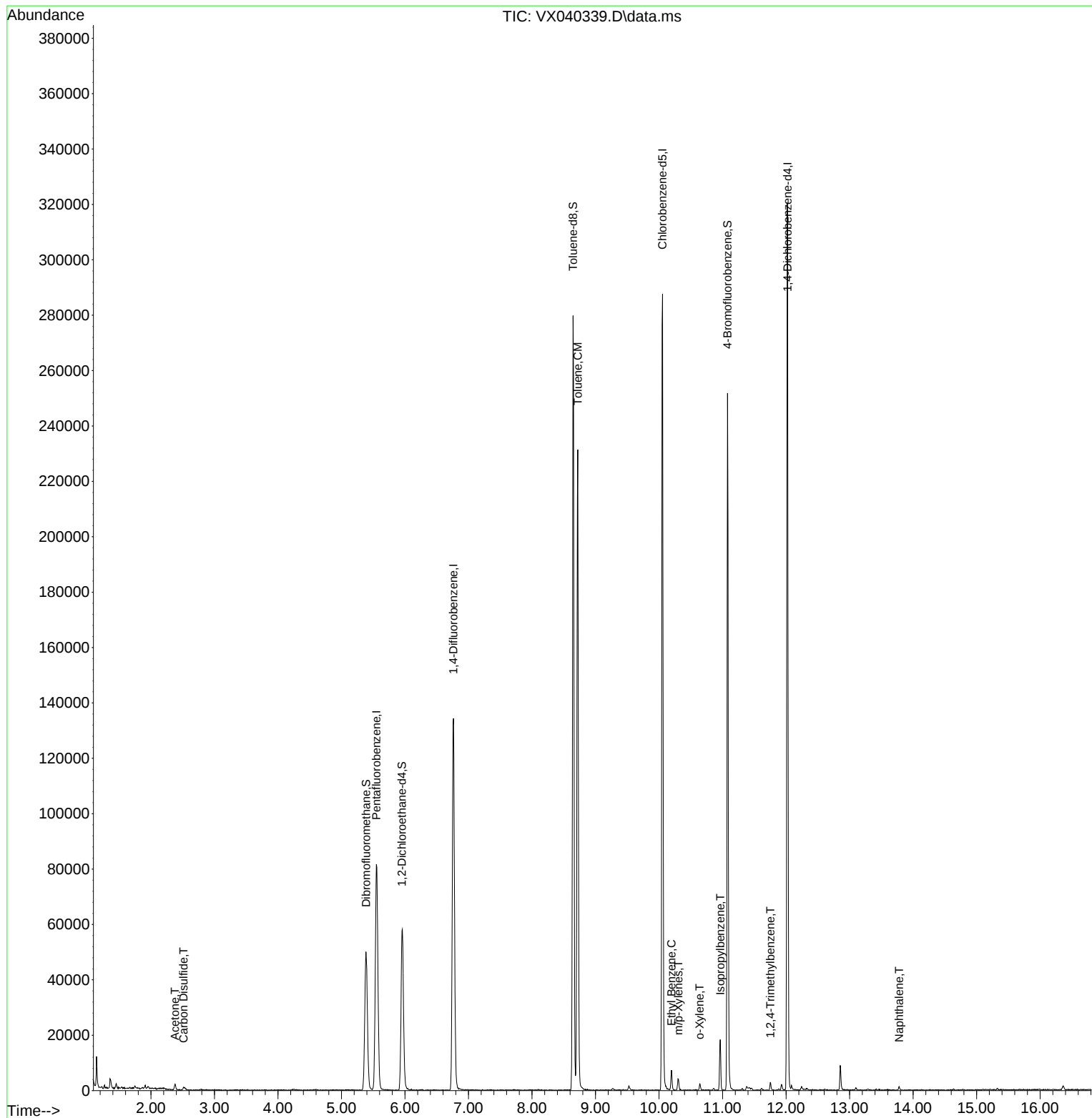
Internal Standards						
1) Pentafluorobenzene	5.550	168	74742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56792	51.075	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.140%
35) Dibromofluoromethane	5.385	113	43434	46.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	162710	46.319	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	64504	45.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%
Target Compounds						
16) Acetone	2.380	43	2165	4.741	ug/l	Qvalue 94
17) Carbon Disulfide	2.514	76	1077	0.535	ug/l #	87
52) Toluene	8.720	92	83117	34.494	ug/l	92
67) Ethyl Benzene	10.195	91	3958	0.830	ug/l	97
68) m/p-Xylenes	10.305	106	1177	0.653	ug/l	99
69) o-Xylene	10.640	106	480	0.274	ug/l	67
73) Isopropylbenzene	10.963	105	9689	2.087	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1417	0.358	ug/l	92
95) Naphthalene	13.780	128	1116	0.245	ug/l #	89

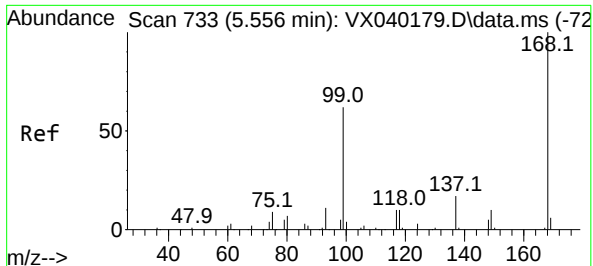
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TW-2

Quant Time: Feb 20 01:20:20 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

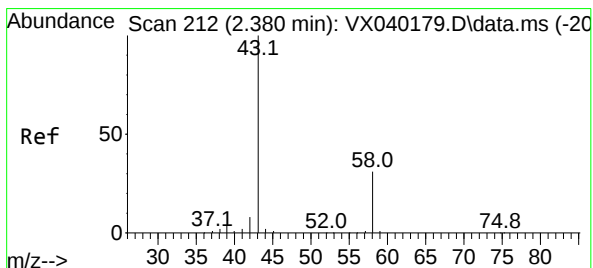
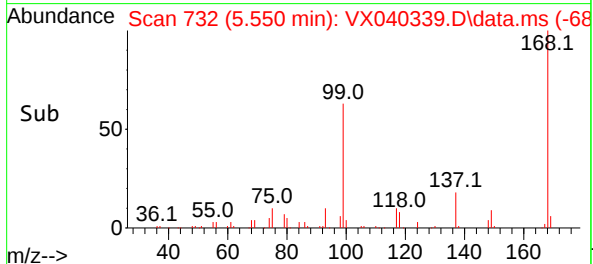
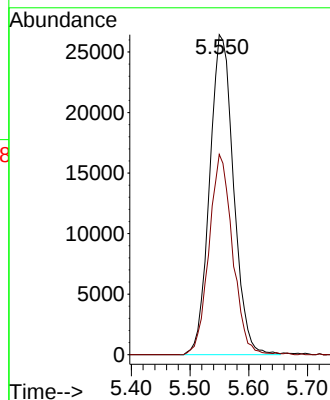
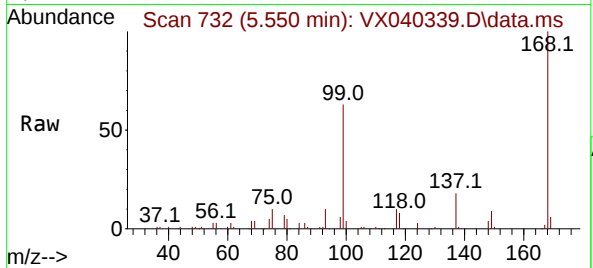




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

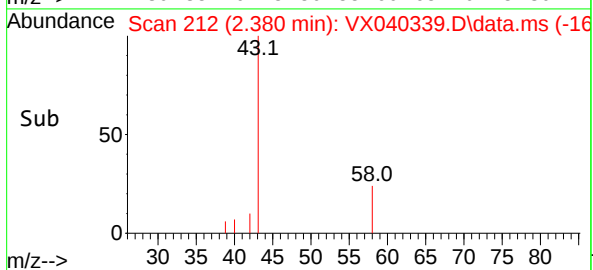
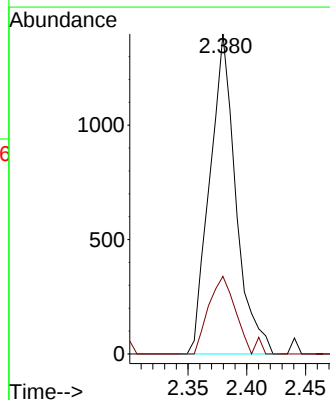
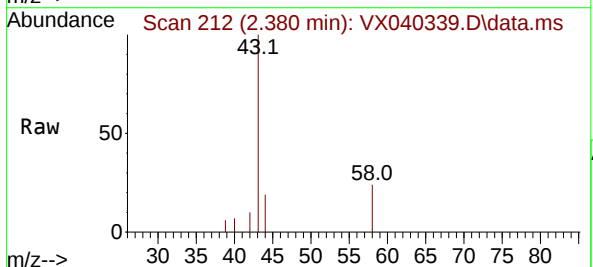
Instrument :
MSVOA_X
ClientSampleId :
TW-2

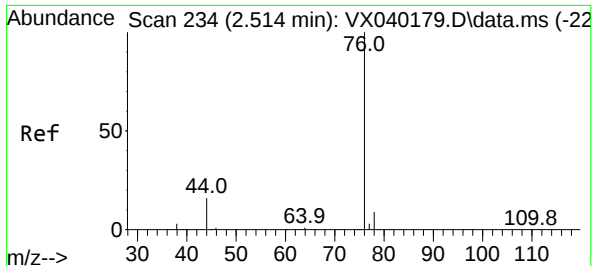
Tgt Ion:168 Resp: 74742
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#16
Acetone
Concen: 4.741 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
58 24.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.535 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040339.D

Acq: 19 Feb 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

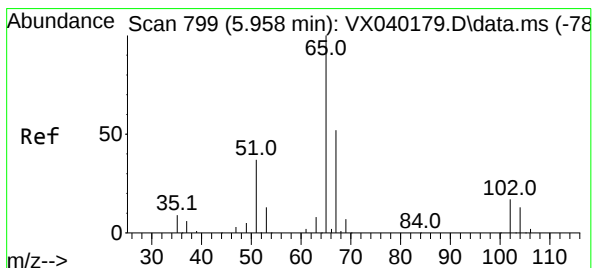
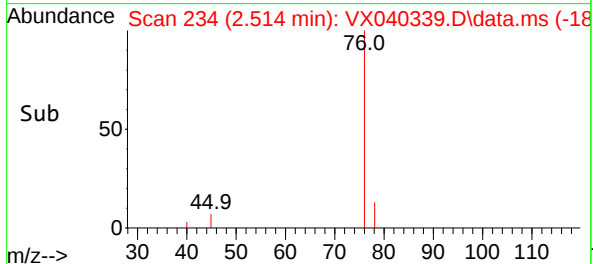
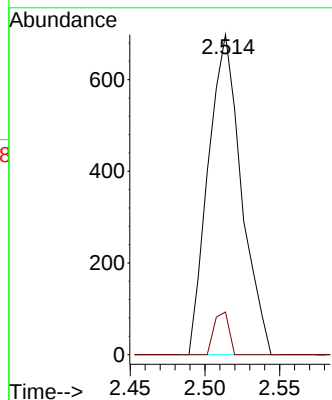
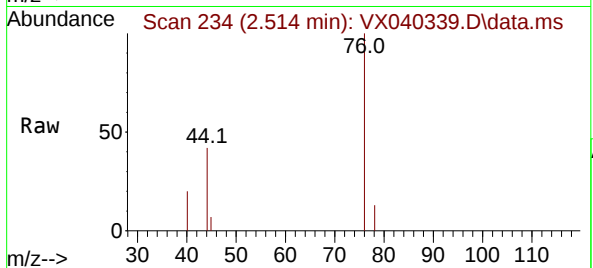
TW-2

Tgt Ion: 76 Resp: 1077

Ion Ratio Lower Upper

76 100

78 13.3 7.0 10.6#



#33

1,2-Dichloroethane-d4

Concen: 51.075 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040339.D

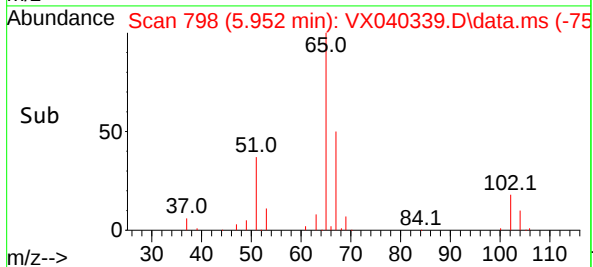
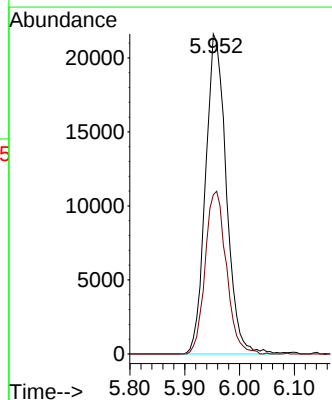
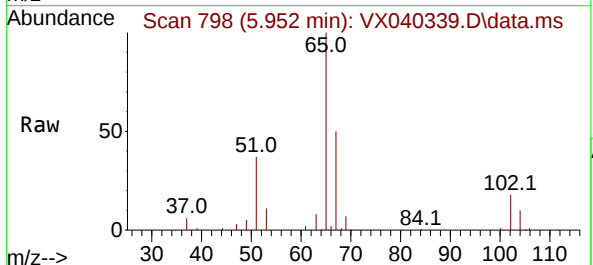
Acq: 19 Feb 2024 18:30

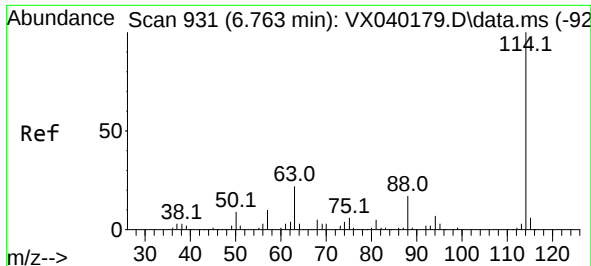
Tgt Ion: 65 Resp: 56792

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

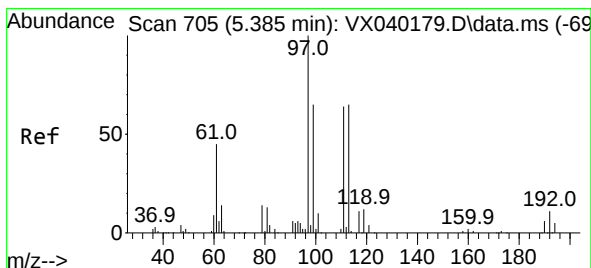
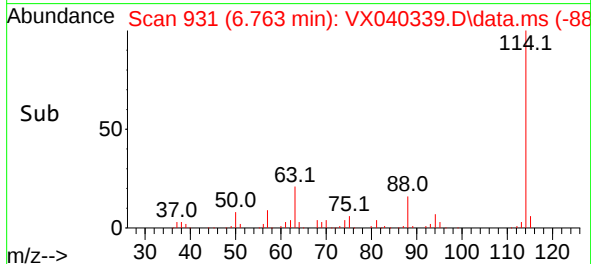
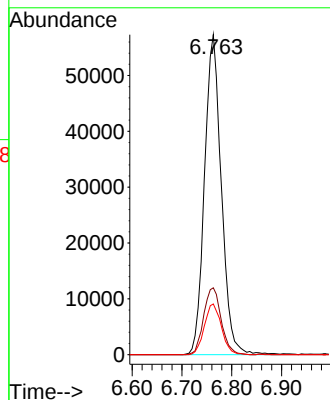
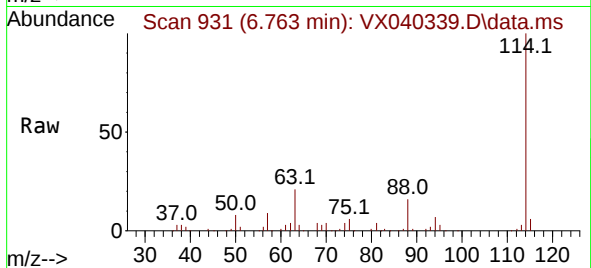




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

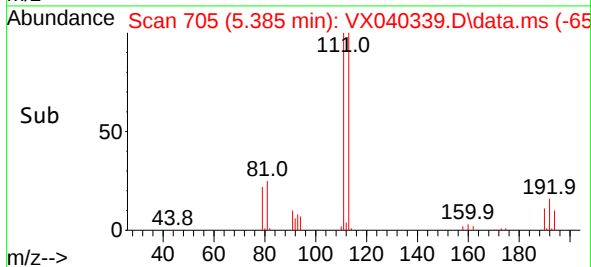
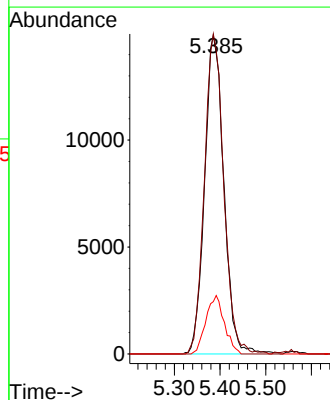
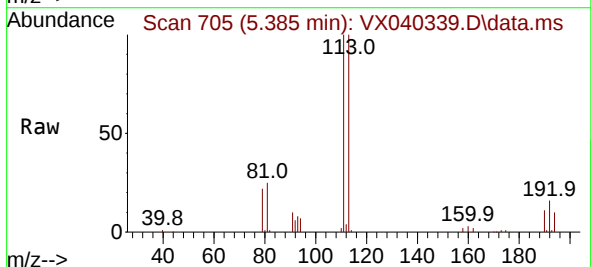
Instrument :
MSVOA_X
ClientSampleId :
TW-2

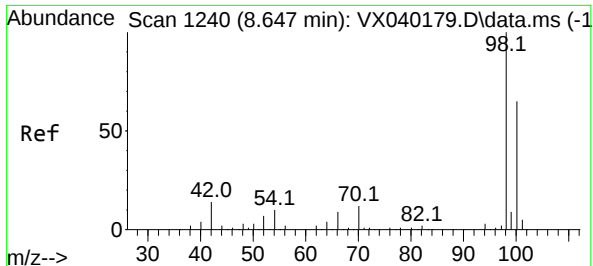
Tgt Ion:114 Resp: 134473
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

Tgt Ion:113 Resp: 43434
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 17.6 13.3 19.9





#50

Toluene-d8

Concen: 46.319 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040339.D

Acq: 19 Feb 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

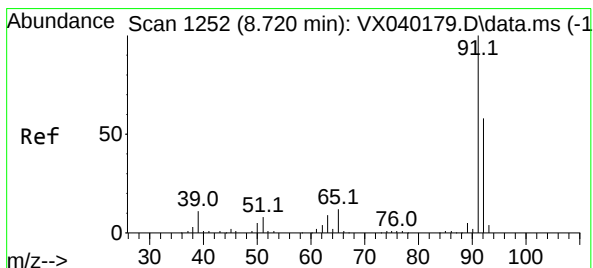
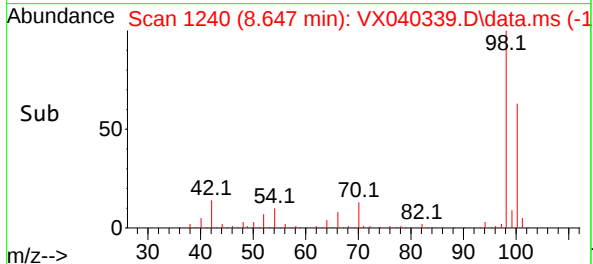
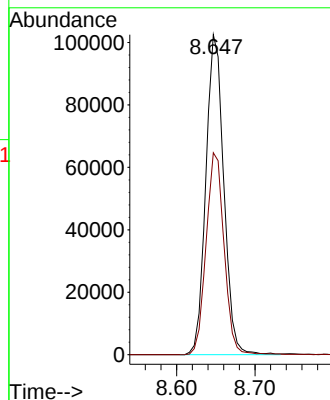
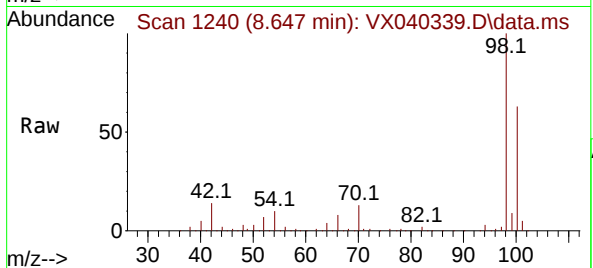
TW-2

Tgt Ion: 98 Resp: 162710

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7



#52

Toluene

Concen: 34.494 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040339.D

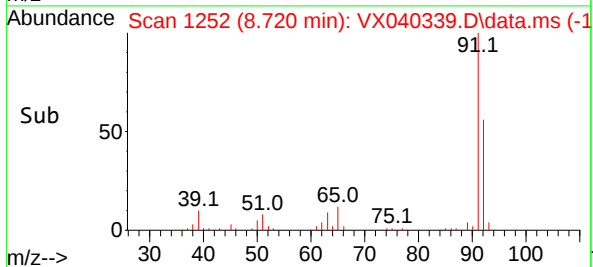
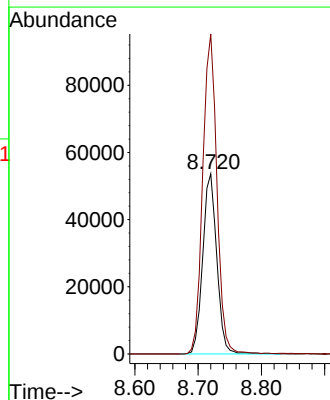
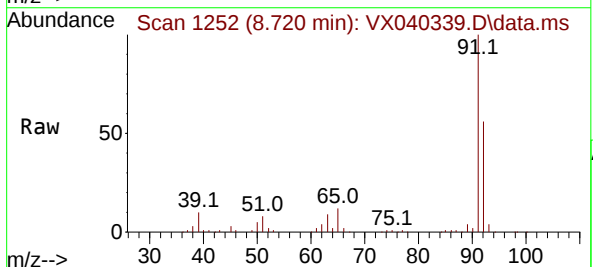
Acq: 19 Feb 2024 18:30

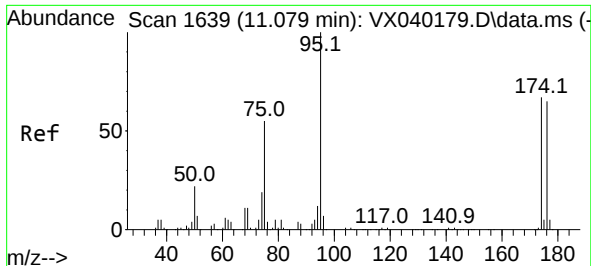
Tgt Ion: 92 Resp: 83117

Ion Ratio Lower Upper

92 100

91 178.8 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 45.023 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040339.D

Acq: 19 Feb 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

TW-2

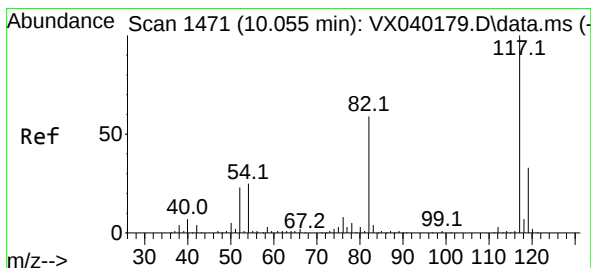
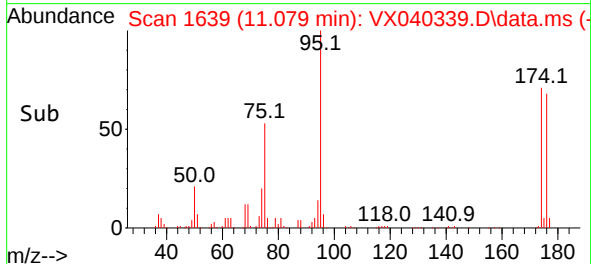
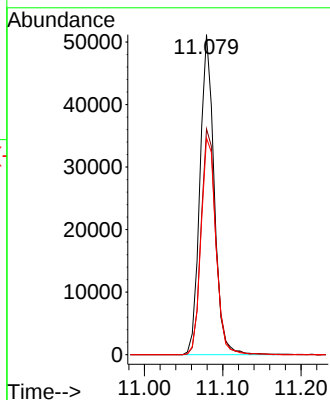
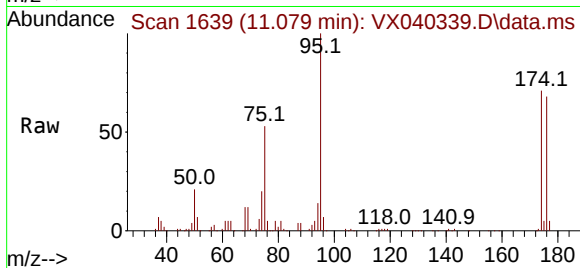
Tgt Ion: 95 Resp: 64504

Ion Ratio Lower Upper

95 100

174 73.4 0.0 135.6

176 71.1 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: VX040339.D

Acq: 19 Feb 2024 18:30

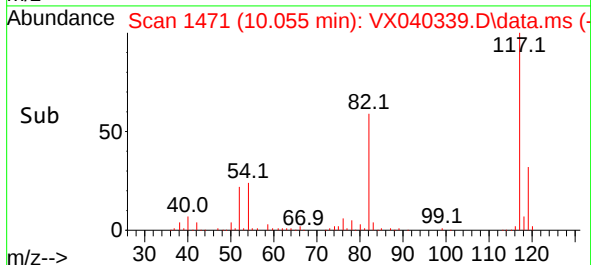
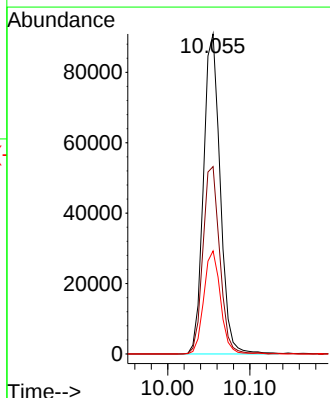
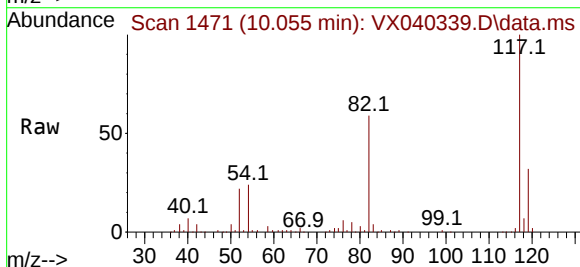
Tgt Ion: 117 Resp: 128340

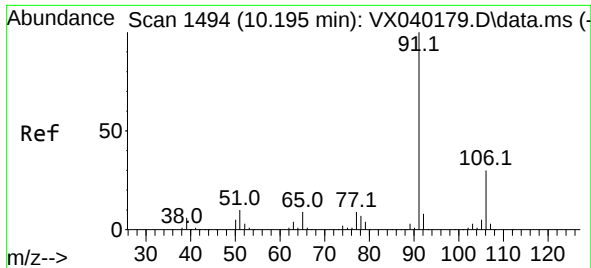
Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 32.2 25.5 38.3

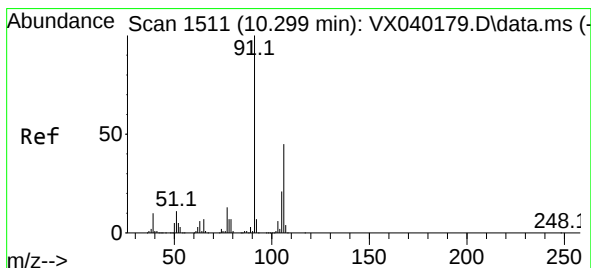
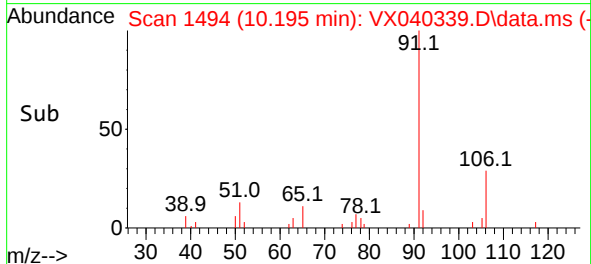
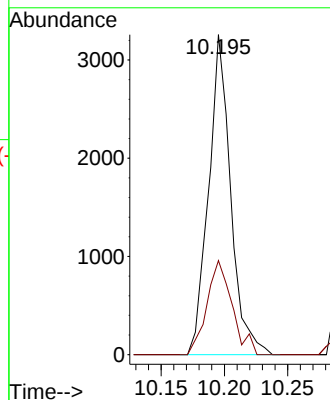
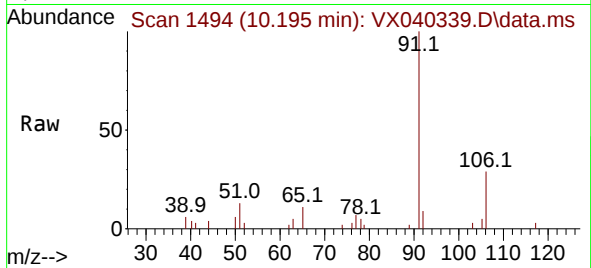




#67
Ethyl Benzene
Concen: 0.830 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

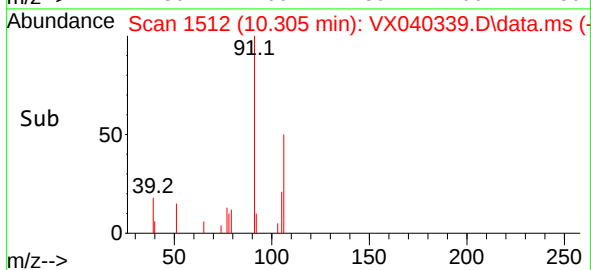
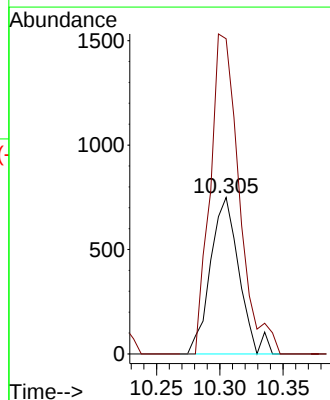
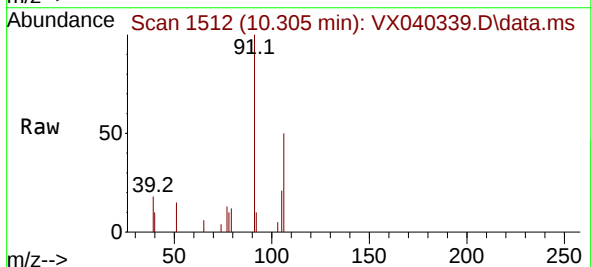
Instrument :
MSVOA_X
ClientSampleId :
TW-2

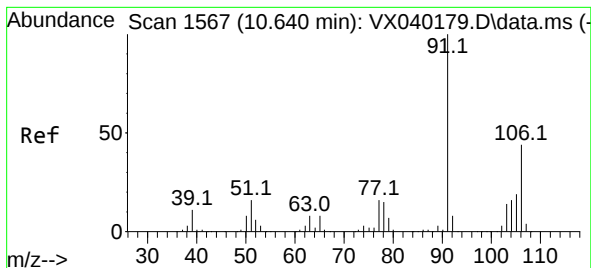
Tgt Ion: 91 Resp: 3958
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.653 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

Tgt Ion: 106 Resp: 1177
Ion Ratio Lower Upper
106 100
91 207.7 165.5 248.3





#69

o-Xylene

Concen: 0.274 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040339.D

Acq: 19 Feb 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

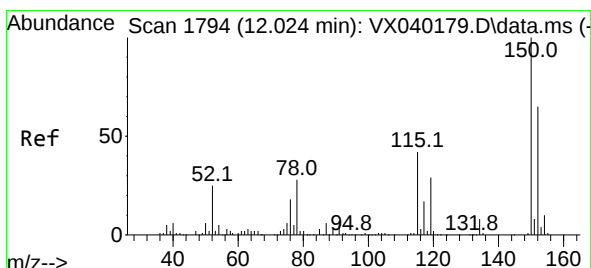
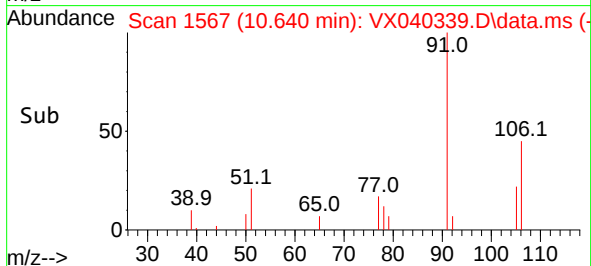
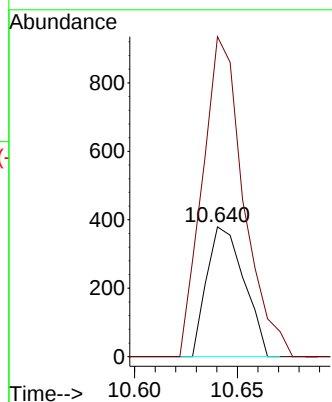
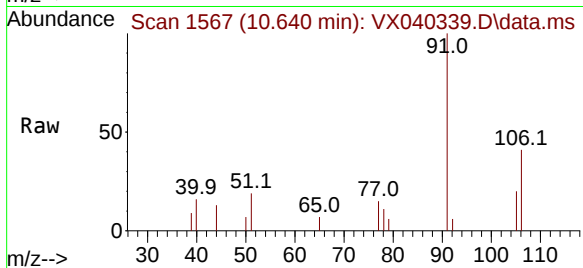
TW-2

Tgt Ion:106 Resp: 480

Ion Ratio Lower Upper

106 100

91 271.0 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040339.D

Acq: 19 Feb 2024 18:30

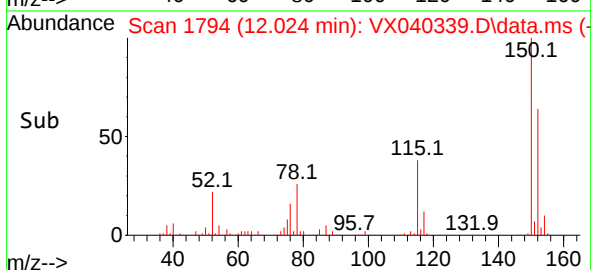
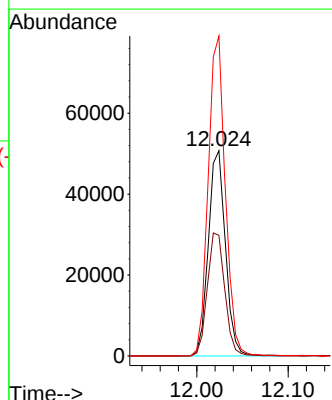
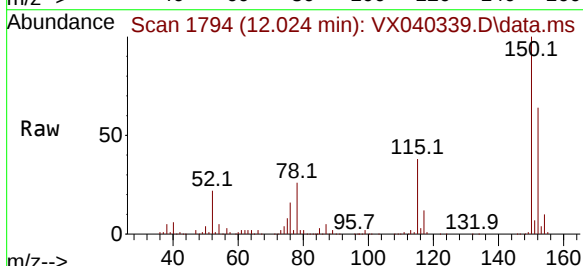
Tgt Ion:152 Resp: 65899

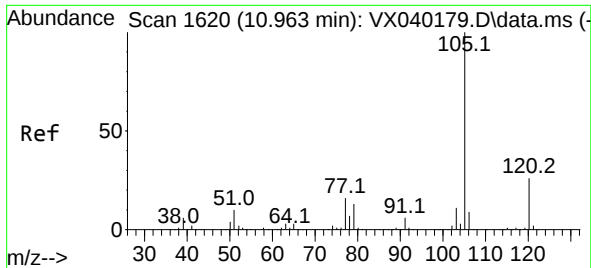
Ion Ratio Lower Upper

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115 61.0 43.3 129.9

150 155.5 0.0 345.0

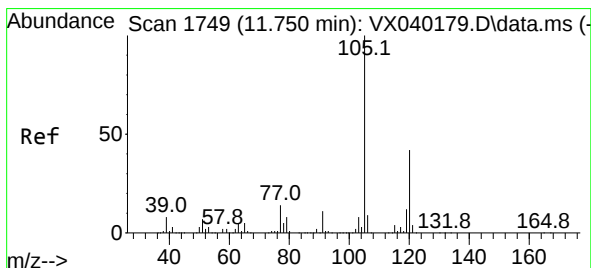
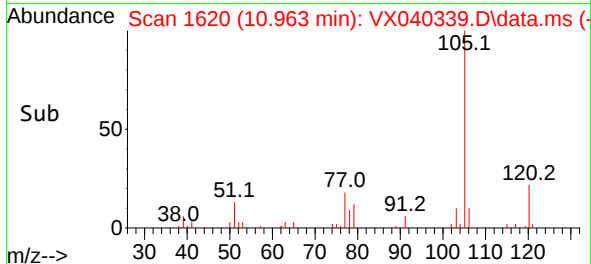
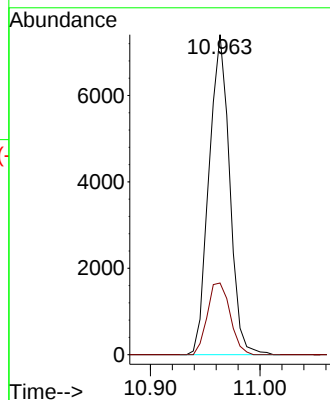
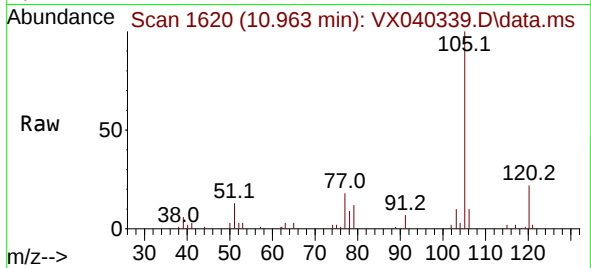




#73
Isopropylbenzene
Concen: 2.087 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

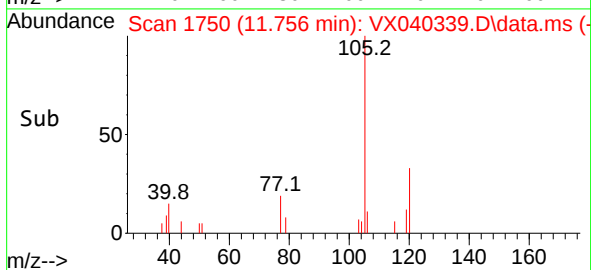
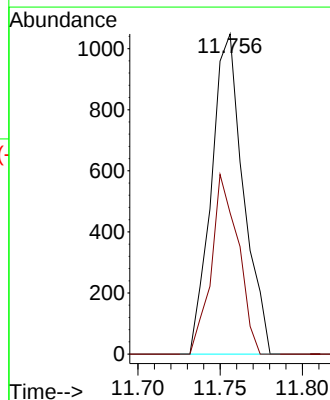
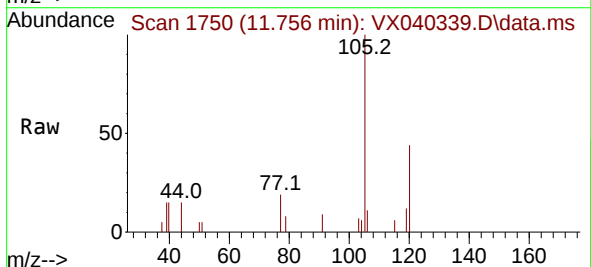
Instrument :
MSVOA_X
ClientSampleId :
TW-2

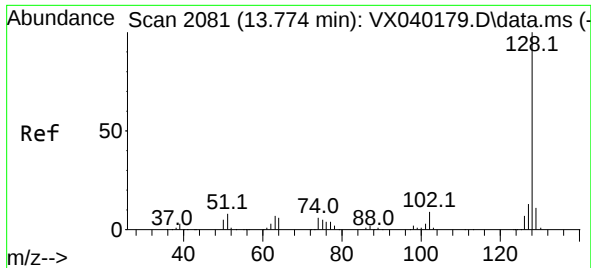
Tgt Ion:105 Resp: 9689
Ion Ratio Lower Upper
105 100
120 24.7 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 0.358 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040339.D
Acq: 19 Feb 2024 18:30

Tgt Ion:105 Resp: 1417
Ion Ratio Lower Upper
105 100
120 47.3 21.2 63.6





#95

Naphthalene

Concen: 0.245 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040339.D

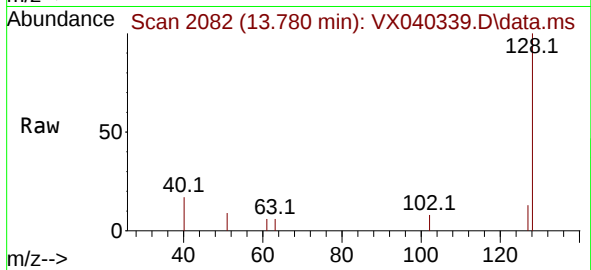
Acq: 19 Feb 2024 18:30

Instrument :

MSVOA_X

ClientSampleId :

TW-2



Tgt Ion:128 Resp: 1116

Ion Ratio Lower Upper

128 100

127 9.1 10.3 15.5#

129 5.9 8.8 13.2#

