

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037922.D
 Acq On : 27 Sep 2023 14:30
 Operator : JC/MD
 Sample : 04614-02 20X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1055

Quant Time: Sep 28 01:21:45 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)

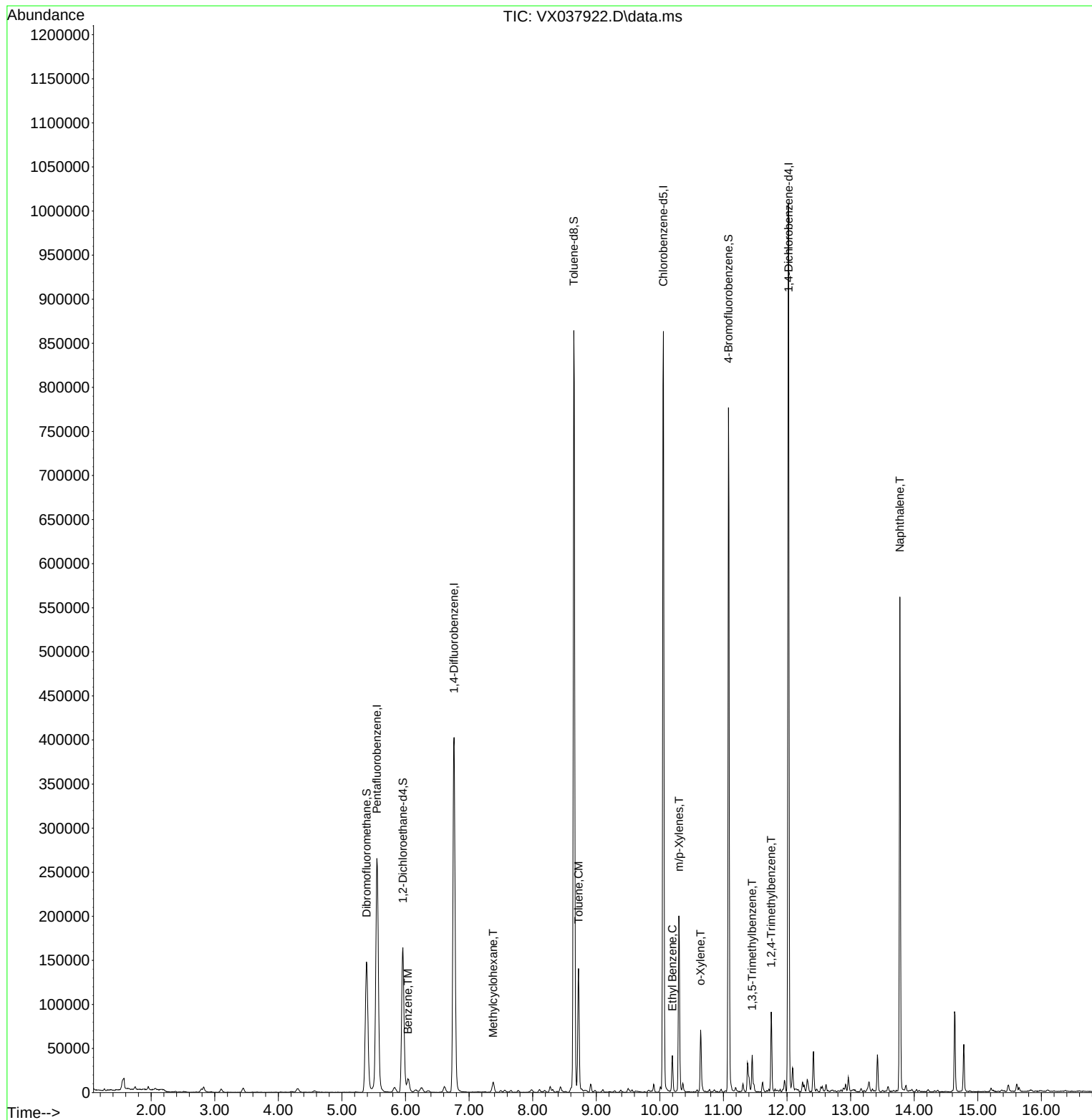
Internal Standards						
1) Pentafluorobenzene	5.550	168	262176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153243	44.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.980%
35) Dibromofluoromethane	5.385	113	131915	45.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	523751	48.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	200563	51.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.380%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.379	83	5078	1.001	ug/l	89
40) Benzene	6.038	78	18484	1.504	ug/l	98
52) Toluene	8.720	92	53893	6.803	ug/l	94
67) Ethyl Benzene	10.195	91	24012	1.542	ug/l	96
68) m/p-Xylenes	10.299	106	46226	7.684	ug/l	99
69) o-Xylene	10.640	106	15548	2.577	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	17555	1.292	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	38843	2.873	ug/l	97
95) Naphthalene	13.774	128	334597	22.156	ug/l	100

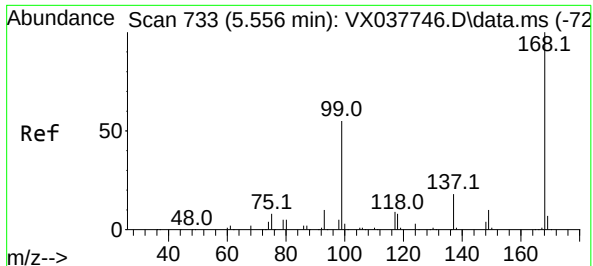
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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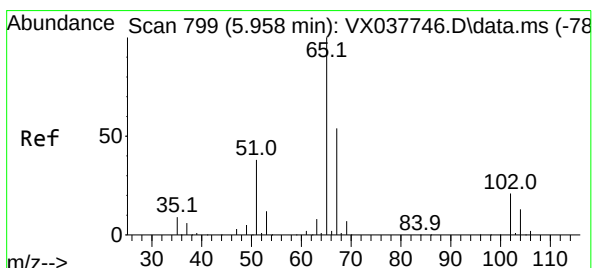
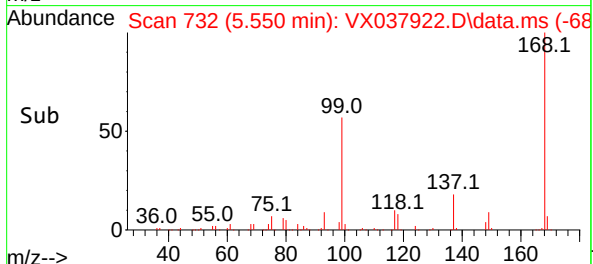
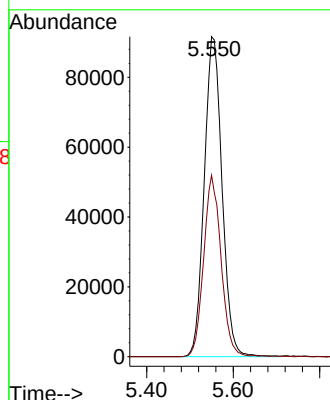
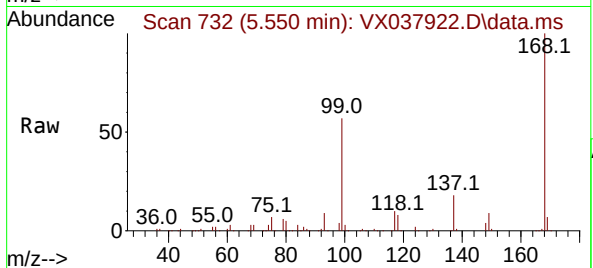




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

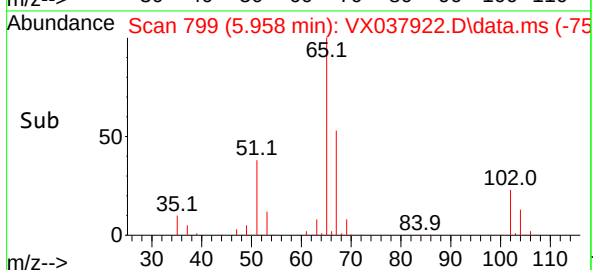
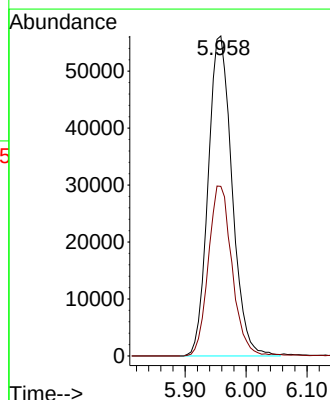
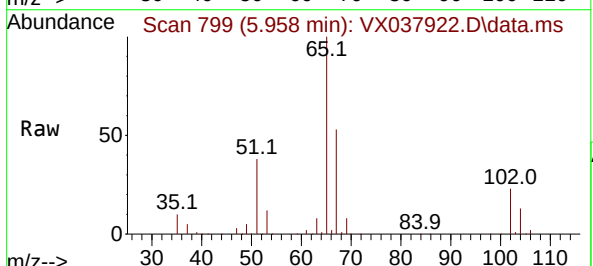
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

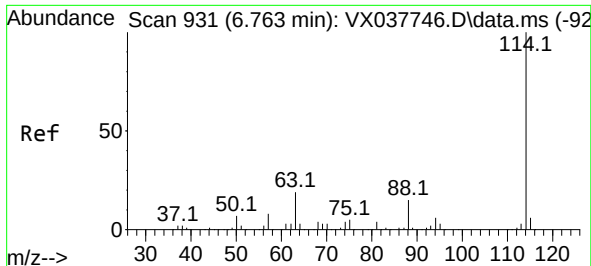
Tgt Ion:168 Resp: 262176
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.488 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

Tgt Ion: 65 Resp: 153243
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

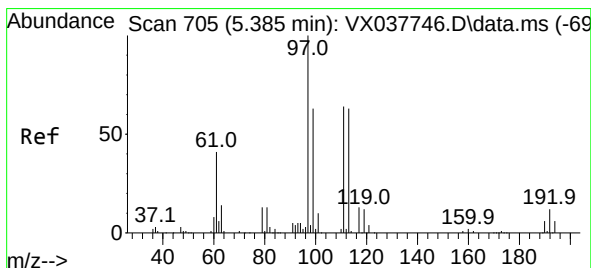
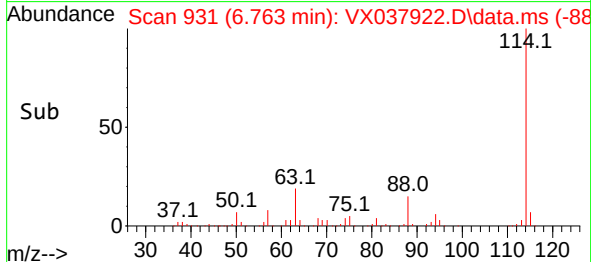
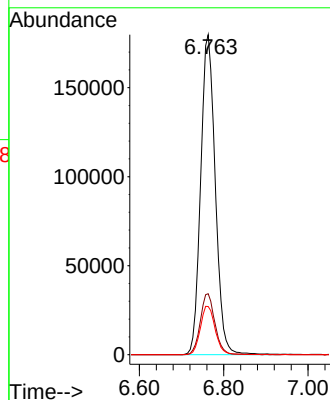
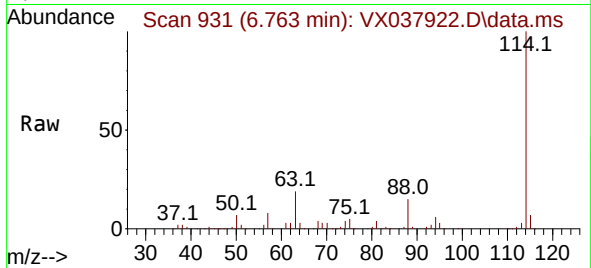




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

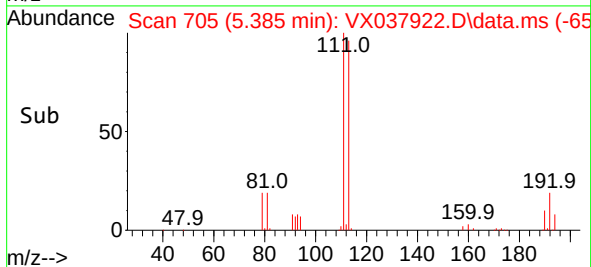
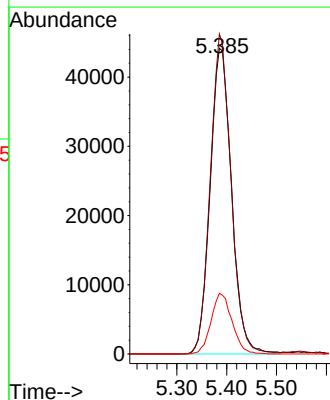
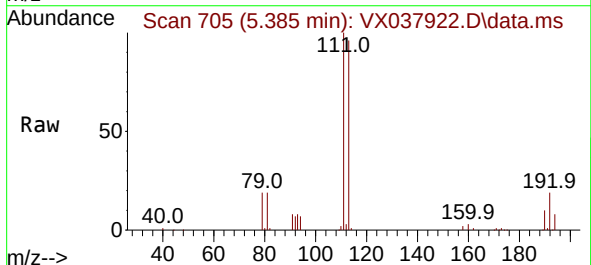
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

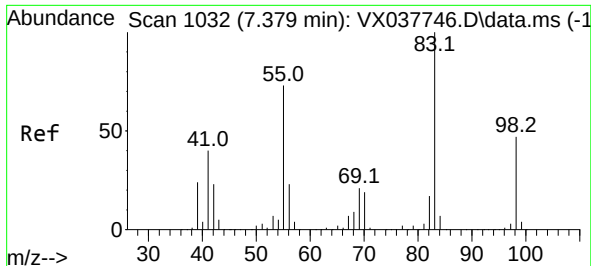
Tgt Ion:114 Resp: 433658
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.462 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

Tgt Ion:113 Resp: 131915
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 19.4 13.3 19.9





#39

Methylcyclohexane

Concen: 1.001 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037922.D

Acq: 27 Sep 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

AUD-1055

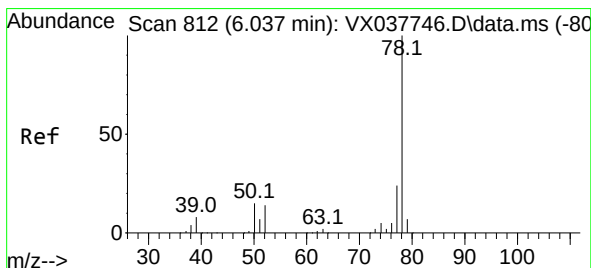
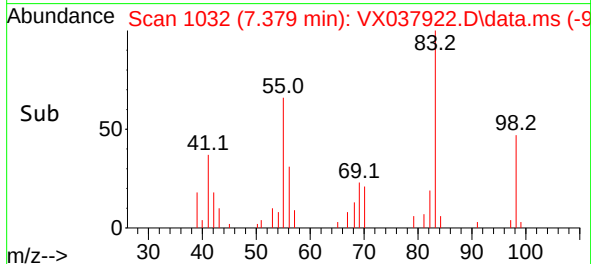
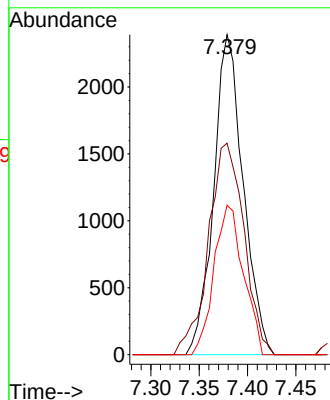
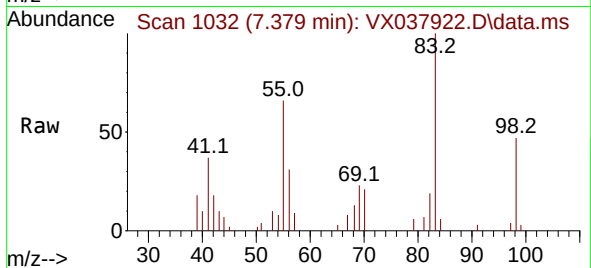
Tgt Ion: 83 Resp: 5078

Ion Ratio Lower Upper

83 100

55 66.1 64.6 97.0

98 46.7 36.7 55.1



#40

Benzene

Concen: 1.504 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037922.D

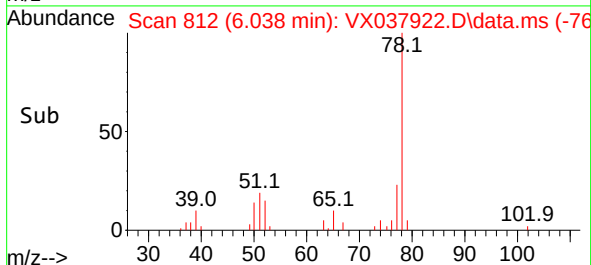
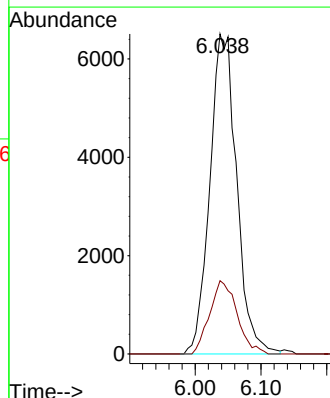
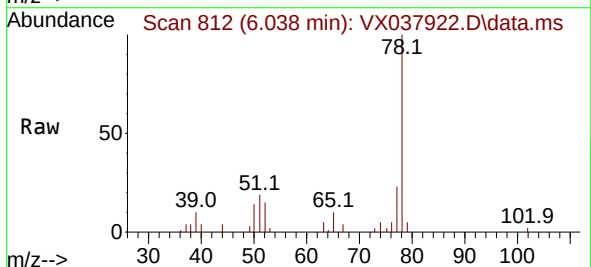
Acq: 27 Sep 2023 14:30

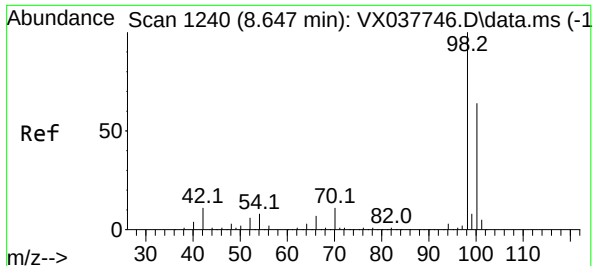
Tgt Ion: 78 Resp: 18484

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9

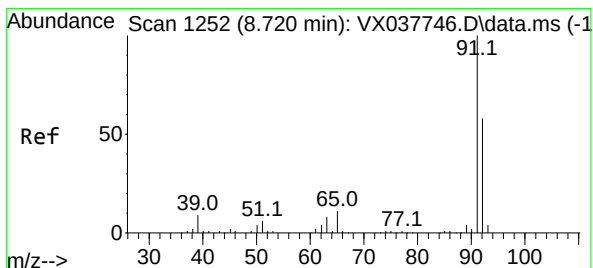
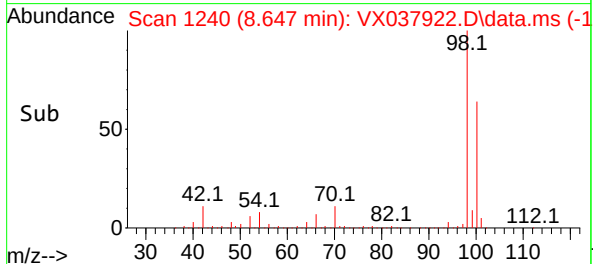
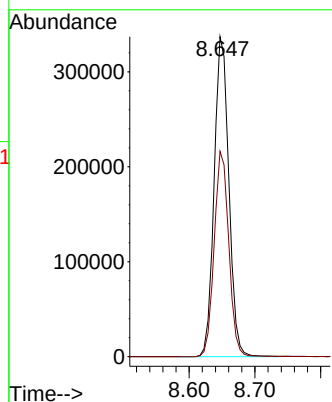
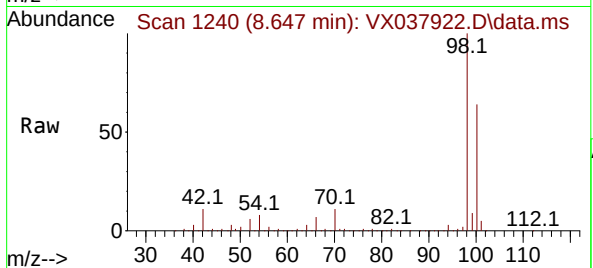




#50
Toluene-d8
Concen: 48.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

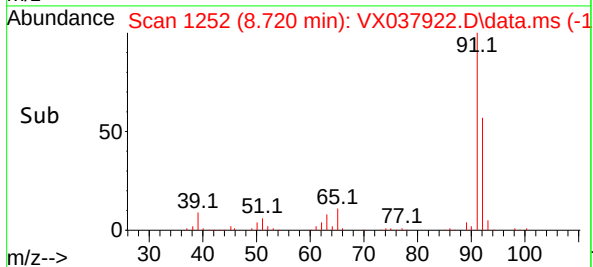
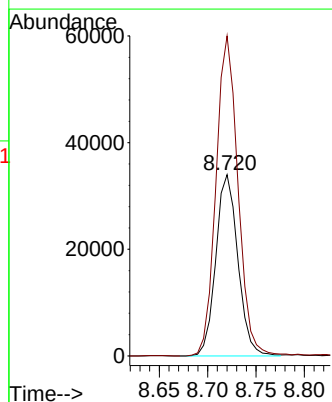
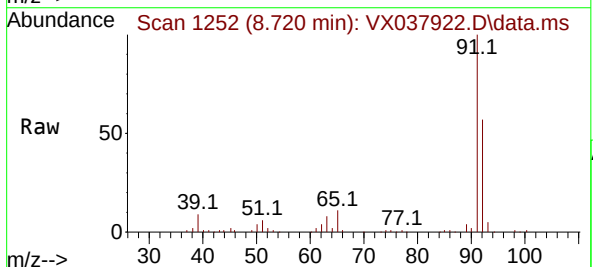
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

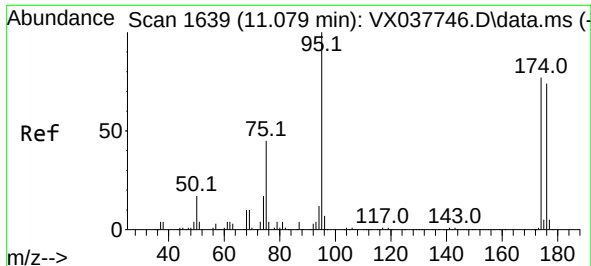
Tgt Ion: 98 Resp: 523751
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#52
Toluene
Concen: 6.803 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

Tgt Ion: 92 Resp: 53893
Ion Ratio Lower Upper
92 100
91 176.4 134.2 201.2

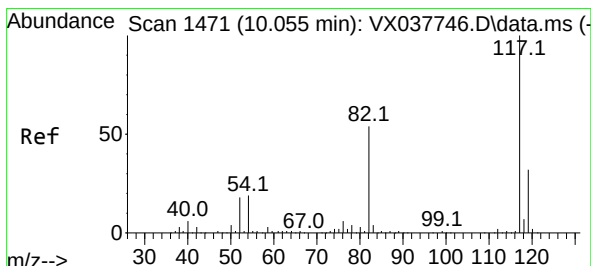
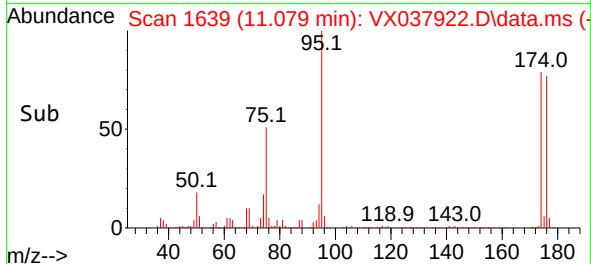
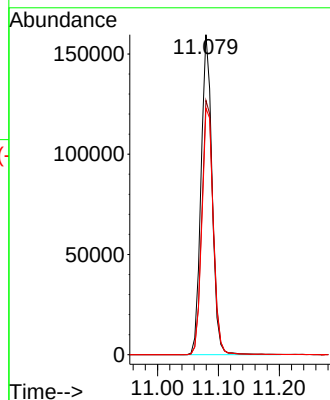
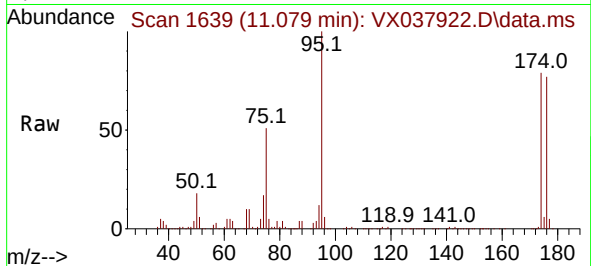




#62
4-Bromofluorobenzene
Concen: 51.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

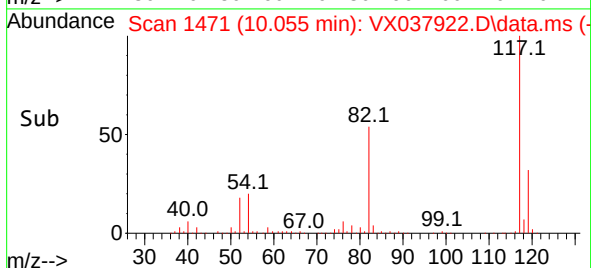
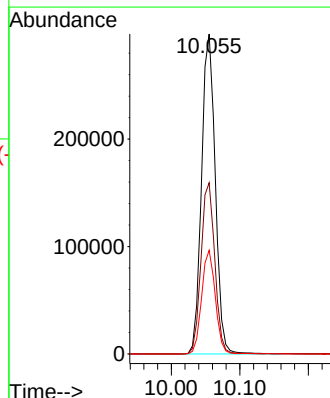
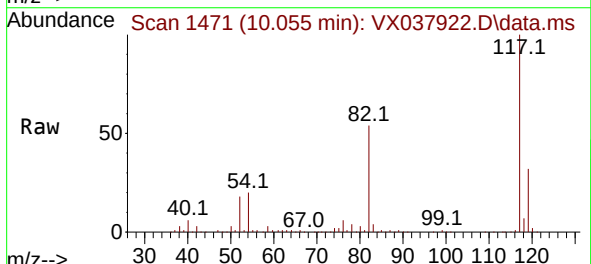
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

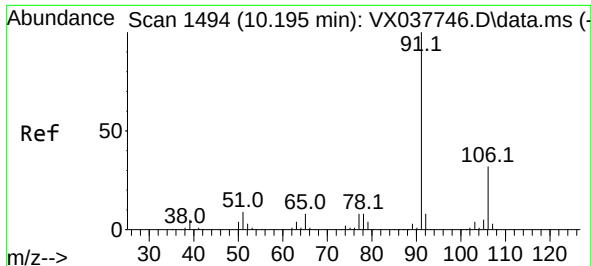
Tgt Ion: 95 Resp: 200563
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037922.D
Acq: 27 Sep 2023 14:30

Tgt Ion: 117 Resp: 416315
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 1.542 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037922.D

Acq: 27 Sep 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

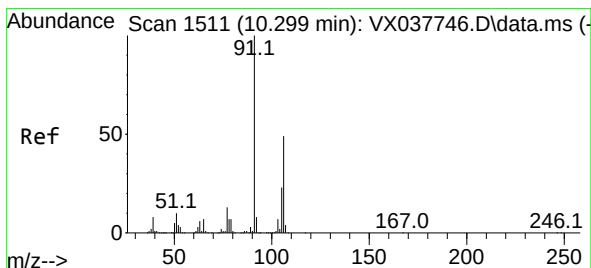
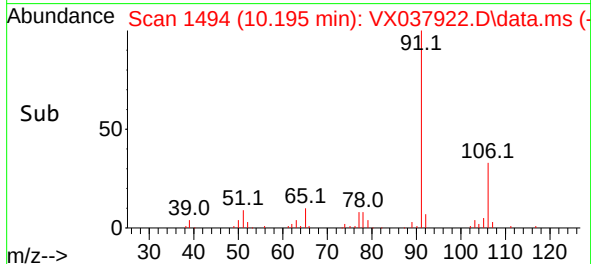
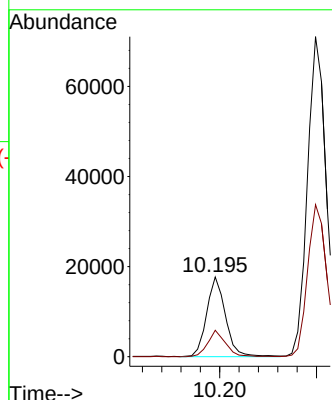
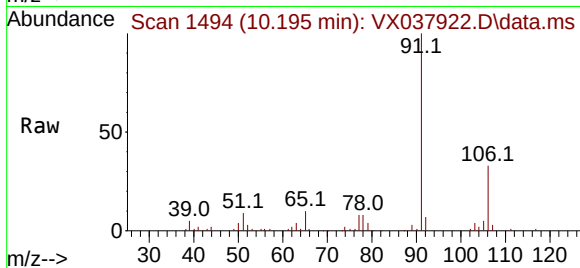
AUD-1055

Tgt Ion: 91 Resp: 24012

Ion Ratio Lower Upper

91 100

106 33.1 24.9 37.3



#68

m/p-Xylenes

Concen: 7.684 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037922.D

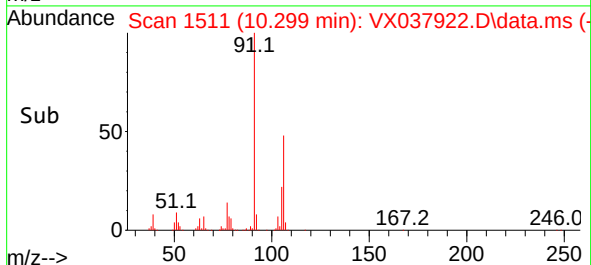
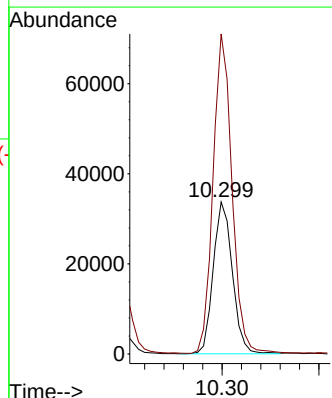
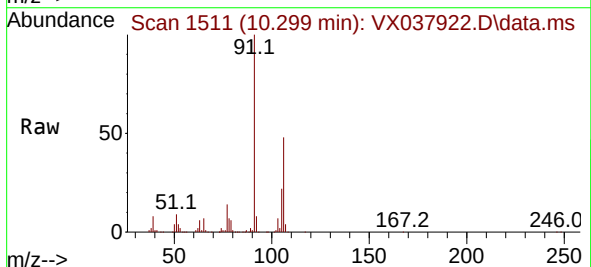
Acq: 27 Sep 2023 14:30

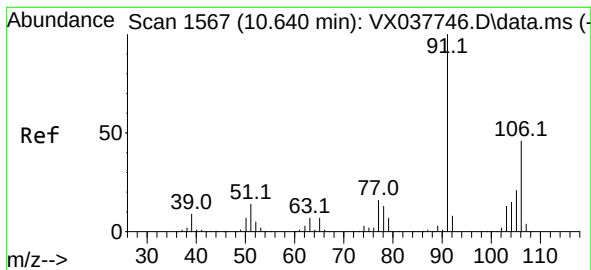
Tgt Ion: 106 Resp: 46226

Ion Ratio Lower Upper

106 100

91 208.7 165.5 248.3





#69

o-Xylene

Concen: 2.577 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037922.D

Acq: 27 Sep 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

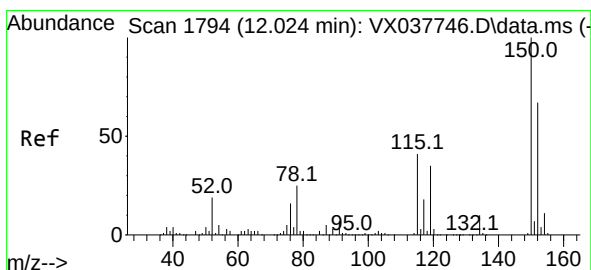
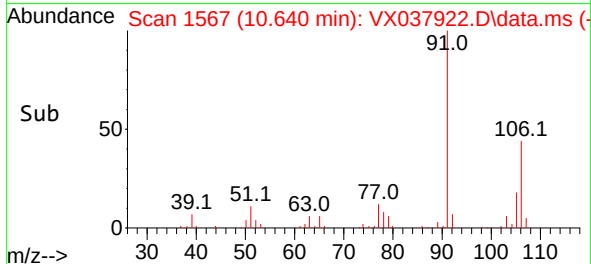
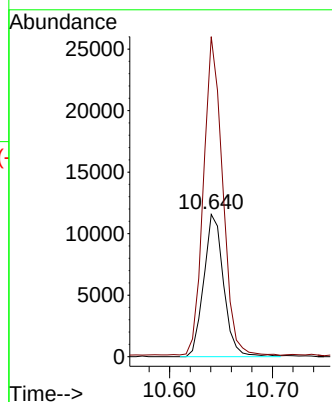
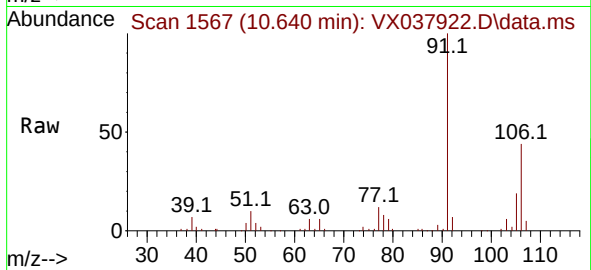
AUD-1055

Tgt Ion:106 Resp: 15548

Ion Ratio Lower Upper

106 100

91 214.8 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037922.D

Acq: 27 Sep 2023 14:30

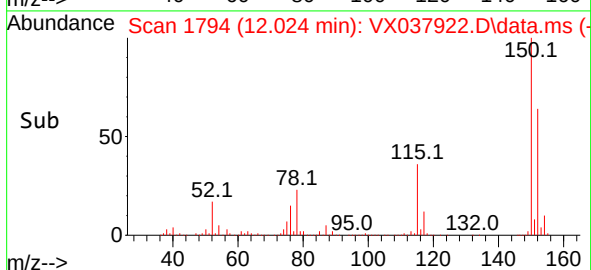
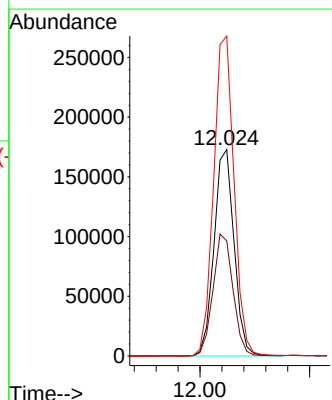
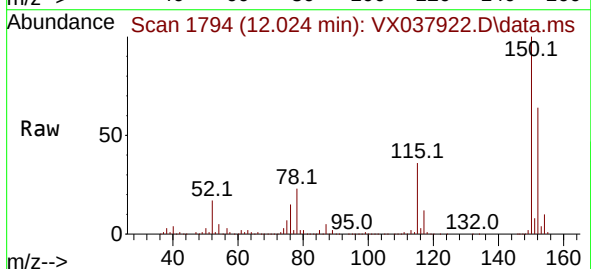
Tgt Ion:152 Resp: 219351

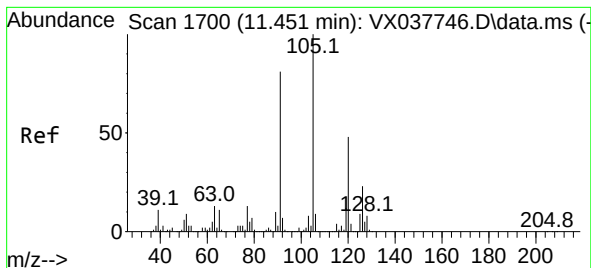
Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 158.2 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 1.292 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037922.D

Acq: 27 Sep 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

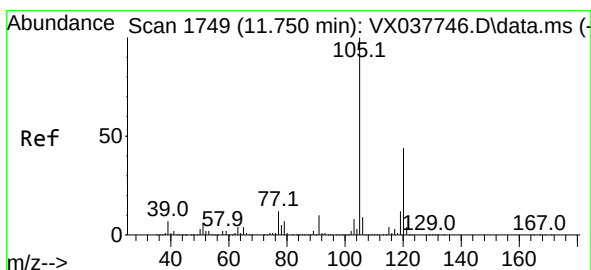
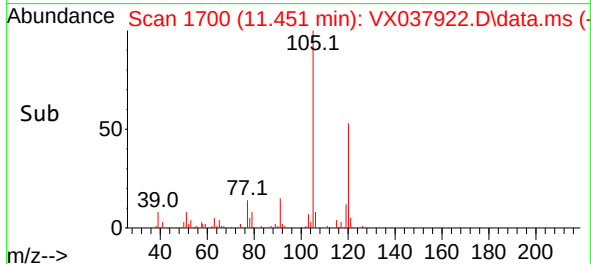
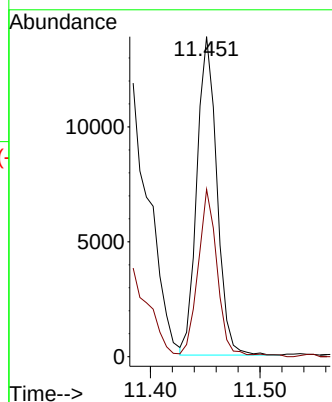
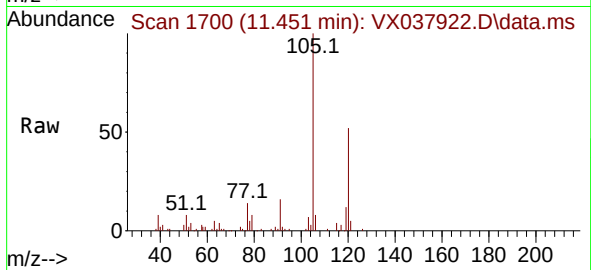
AUD-1055

Tgt Ion:105 Resp: 17555

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.873 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037922.D

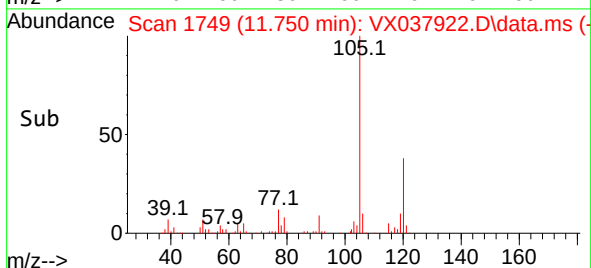
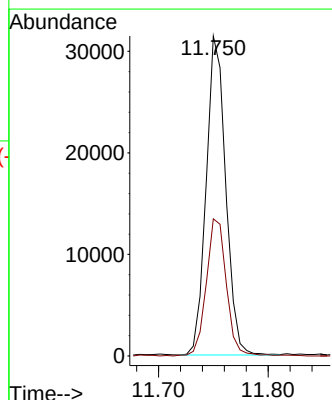
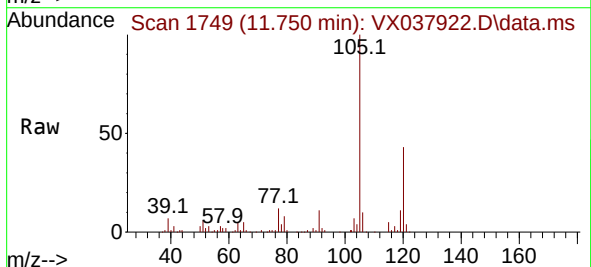
Acq: 27 Sep 2023 14:30

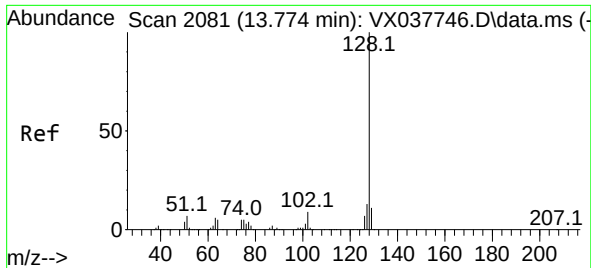
Tgt Ion:105 Resp: 38843

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6





#95
 Naphthalene
 Concen: 22.156 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VX037922.D
 Acq: 27 Sep 2023 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1055

Tgt Ion:128 Resp: 334597
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 10.9 8.8 13.2

