

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037926.D
 Acq On : 27 Sep 2023 16:03
 Operator : JC/MD
 Sample : 04614-02
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1055

Quant Time: Sep 28 01:23:36 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)

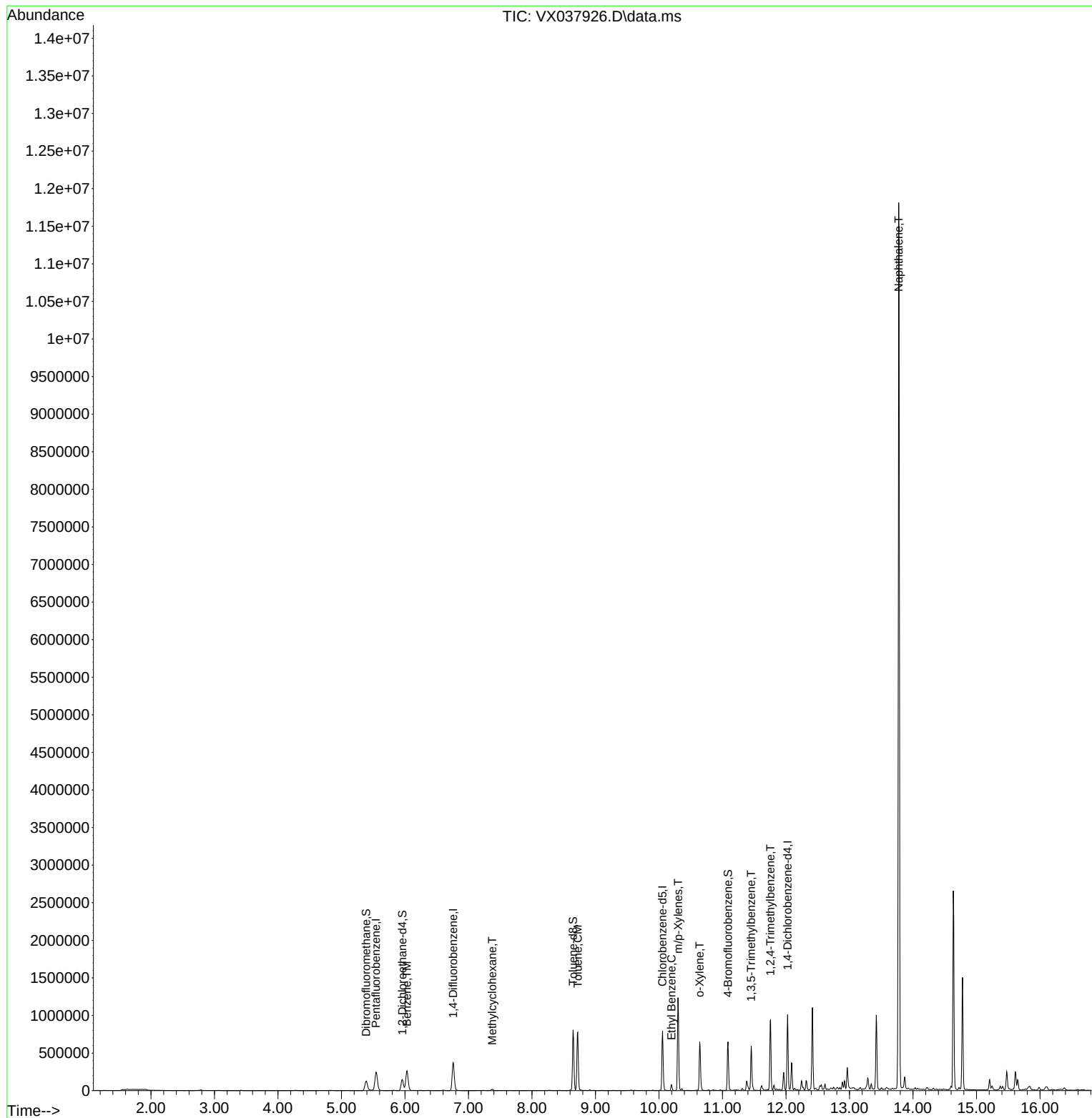
Internal Standards						
1) Pentafluorobenzene	5.544	168	242908	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	402832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143588	44.992	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.980%
35) Dibromofluoromethane	5.385	113	114516	42.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.980%
50) Toluene-d8	8.647	98	480106	47.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.085	95	178562	49.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	8660	1.838	ug/l	94
40) Benzene	6.032	78	325926	28.545	ug/l	99
52) Toluene	8.720	92	306994	41.719	ug/l	96
67) Ethyl Benzene	10.195	91	44841	3.213	ug/l	97
68) m/p-Xylenes	10.299	106	289203	53.623	ug/l	97
69) o-Xylene	10.640	106	145452	26.895	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	260777	20.015	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	436275	33.655	ug/l	97
95) Naphthalene	13.774	128	6924415	478.259	ug/l	95

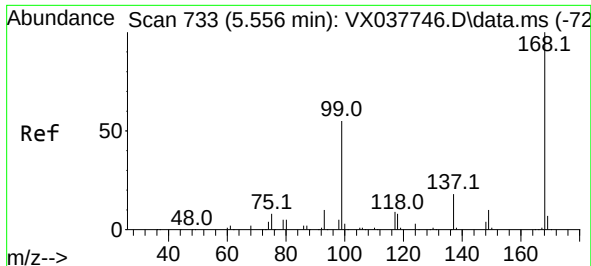
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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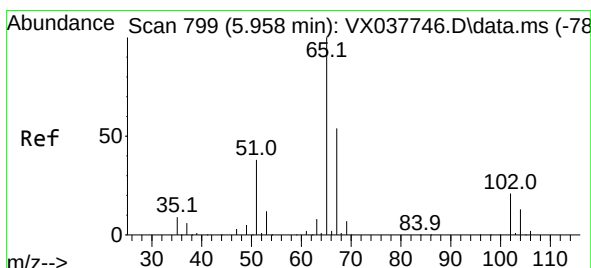
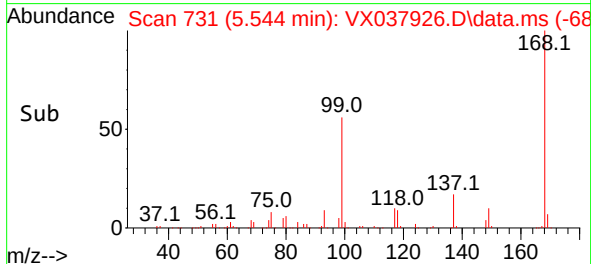
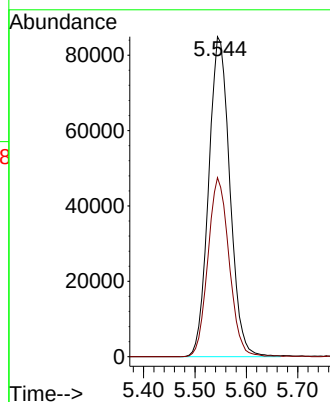
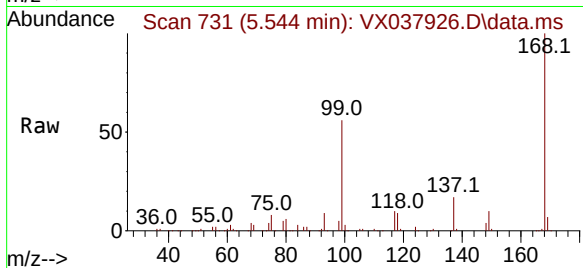




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

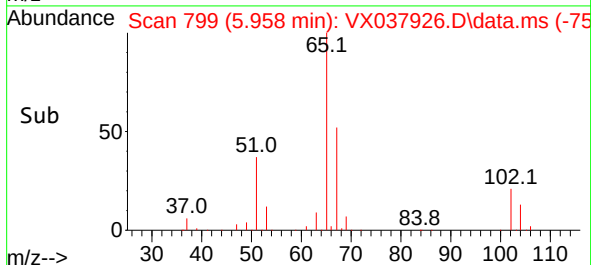
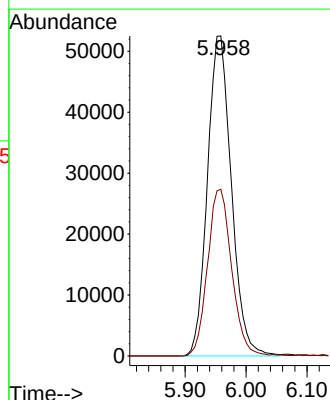
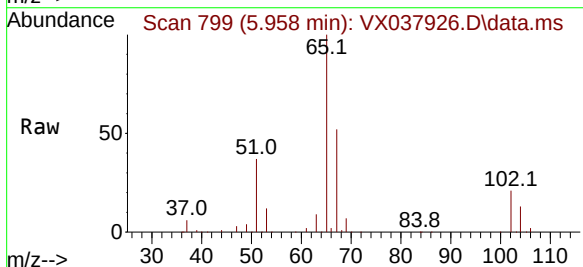
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

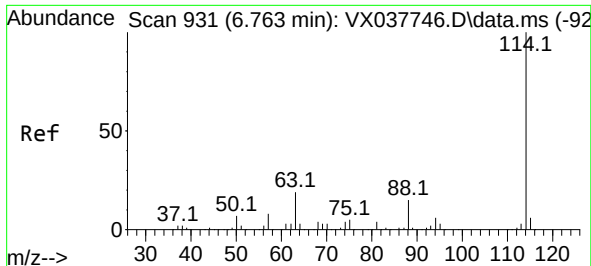
Tgt Ion:168 Resp: 242908
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.992 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

Tgt Ion: 65 Resp: 143588
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

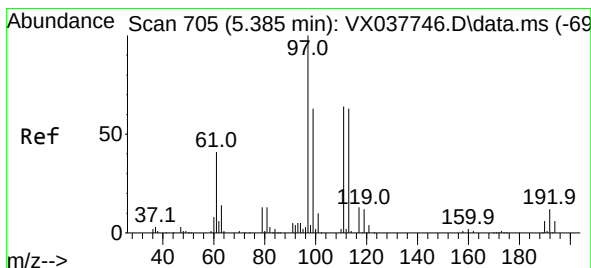
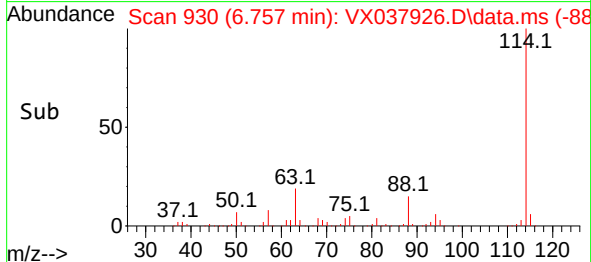
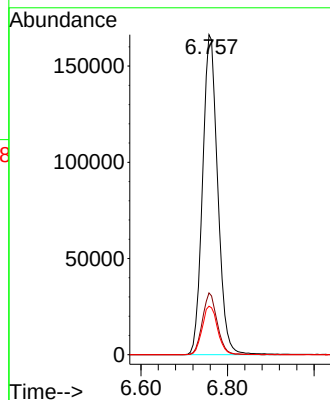
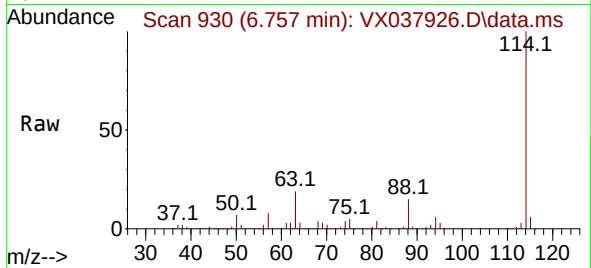




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

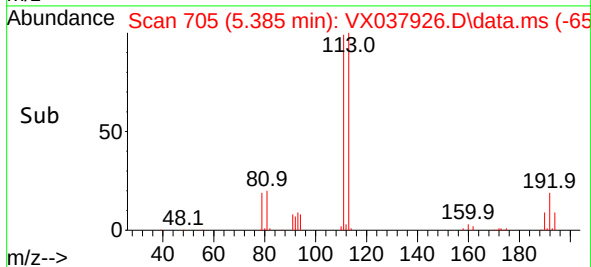
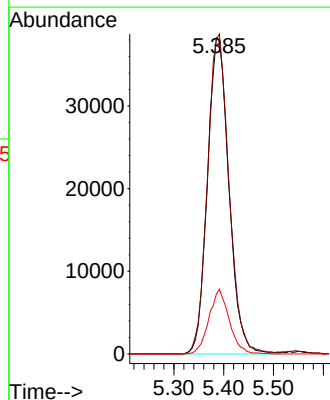
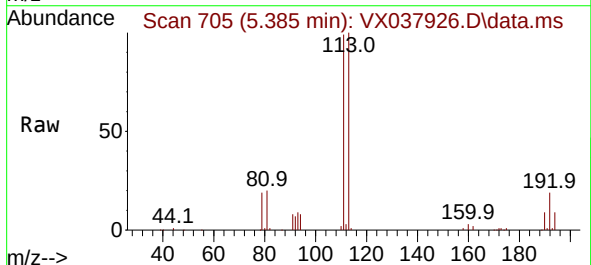
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

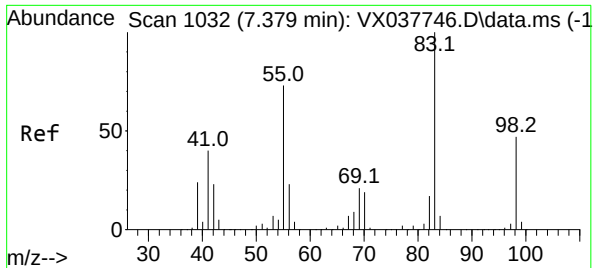
Tgt Ion:114 Resp: 402832
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

Tgt Ion:113 Resp: 114516
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.4 13.3 19.9





#39

Methylcyclohexane

Concen: 1.838 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX037926.D

Acq: 27 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

AUD-1055

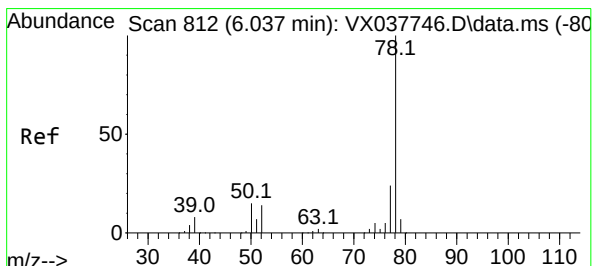
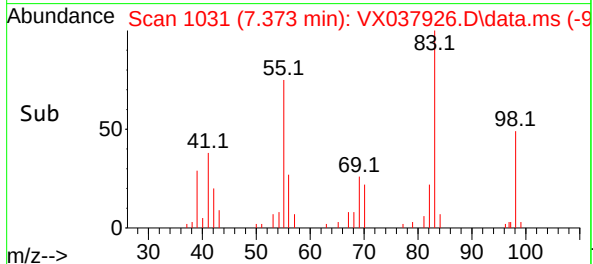
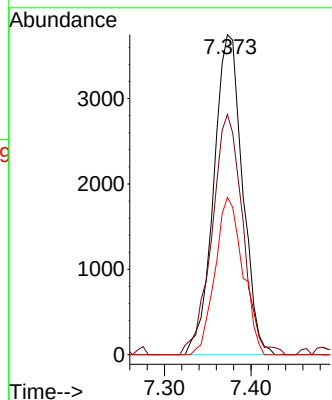
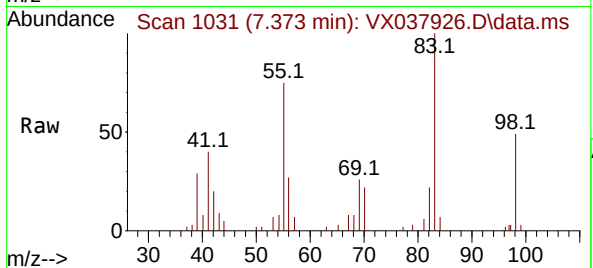
Tgt Ion: 83 Resp: 8660

Ion Ratio Lower Upper

83 100

55 75.1 64.6 97.0

98 49.2 36.7 55.1



#40

Benzene

Concen: 28.545 ug/l

RT: 6.032 min Scan# 811

Delta R.T. -0.012 min

Lab File: VX037926.D

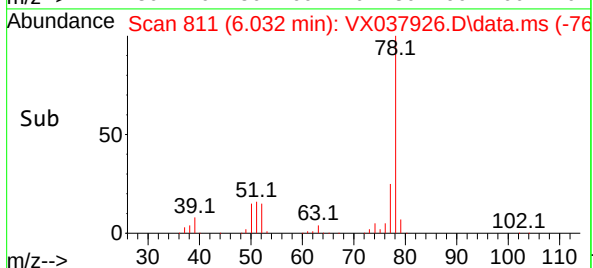
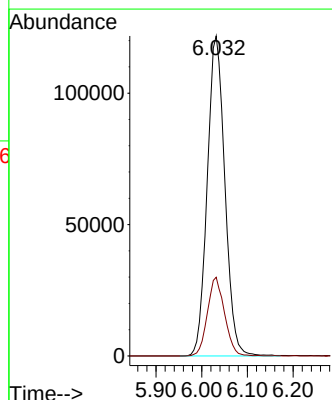
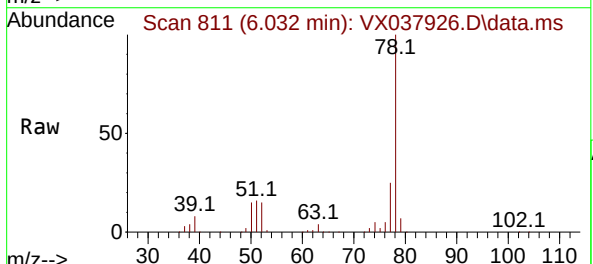
Acq: 27 Sep 2023 16:03

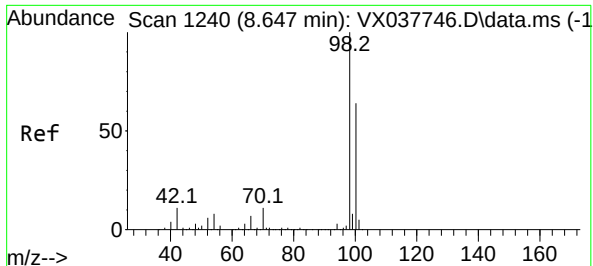
Tgt Ion: 78 Resp: 325926

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

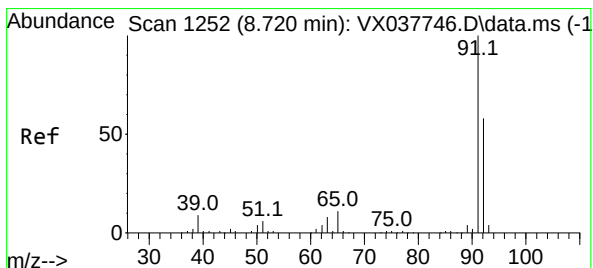
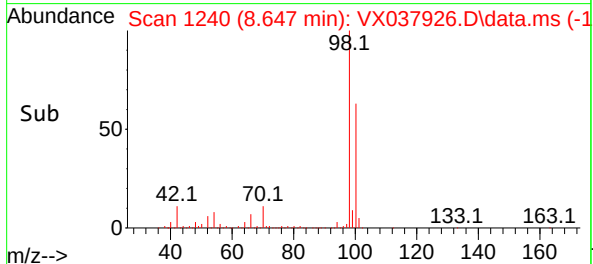
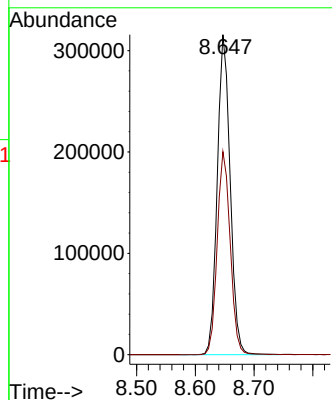
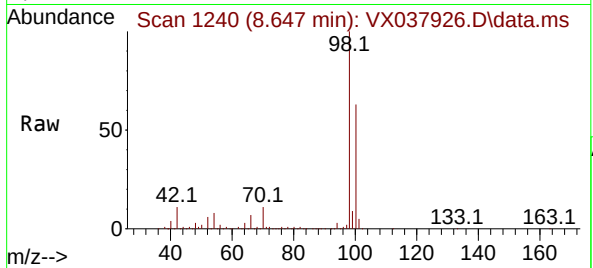




#50
Toluene-d8
Concen: 47.939 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

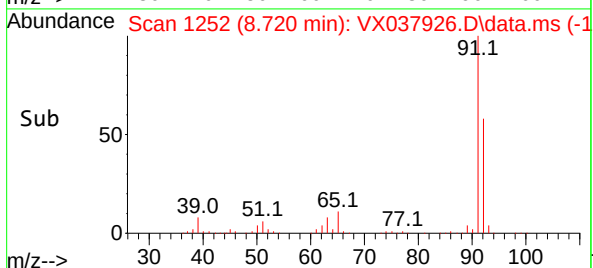
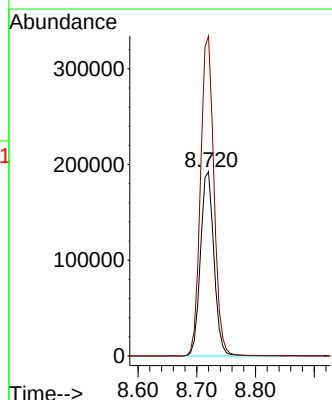
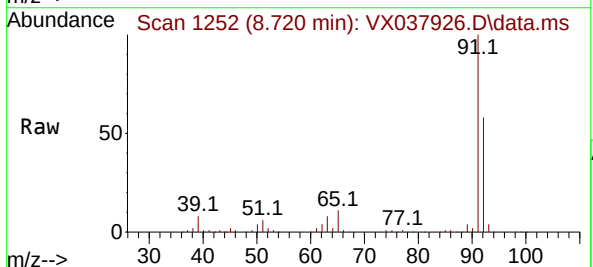
Instrument :
MSVOA_X
ClientSampleId :
AUD-1055

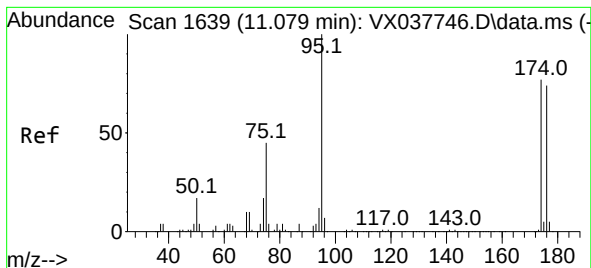
Tgt Ion: 98 Resp: 480106
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#52
Toluene
Concen: 41.719 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

Tgt Ion: 92 Resp: 306994
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 49.066 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037926.D

Acq: 27 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

AUD-1055

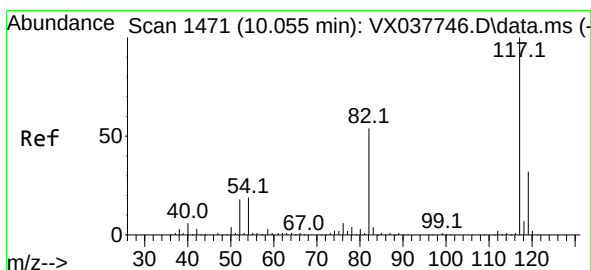
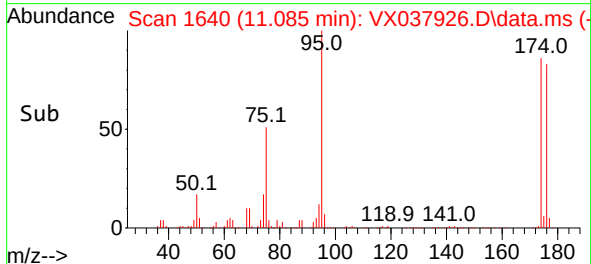
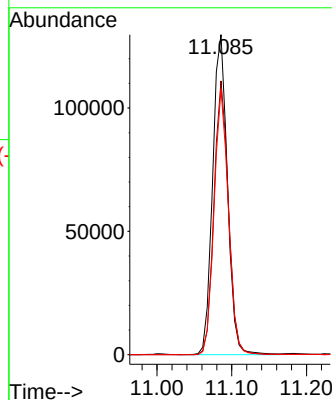
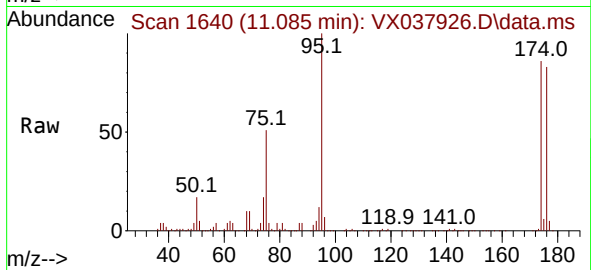
Tgt Ion: 95 Resp: 178562

Ion Ratio Lower Upper

95 100

174 83.7 0.0 135.6

176 80.5 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: VX037926.D

Acq: 27 Sep 2023 16:03

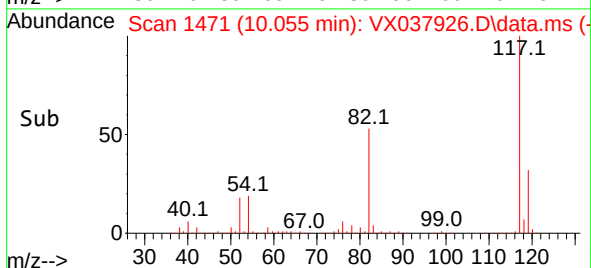
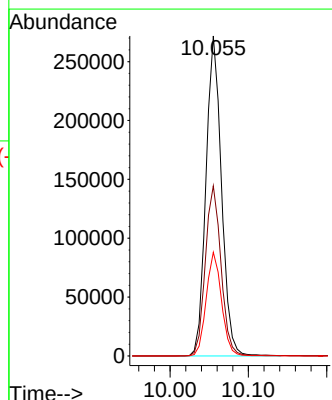
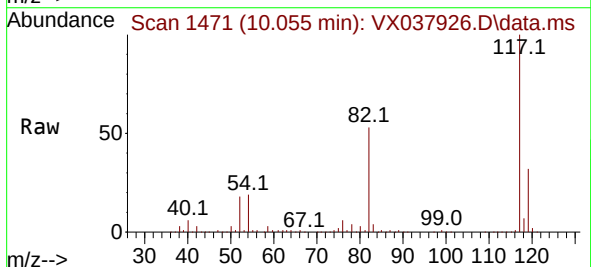
Tgt Ion: 117 Resp: 373215

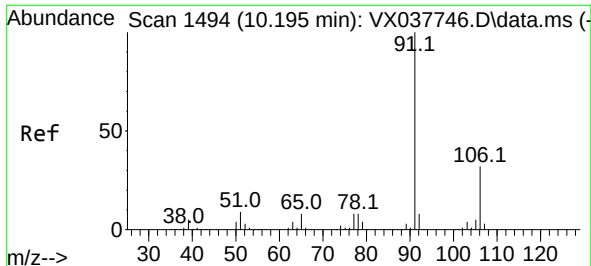
Ion Ratio Lower Upper

117 100

82 53.1 46.2 69.4

119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 3.213 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037926.D

Acq: 27 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

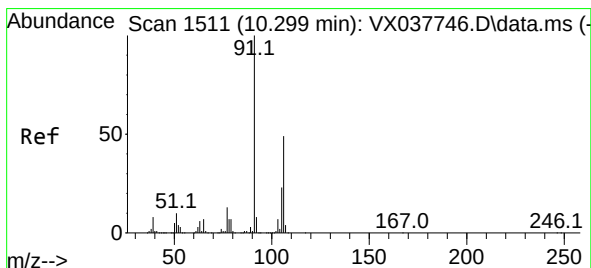
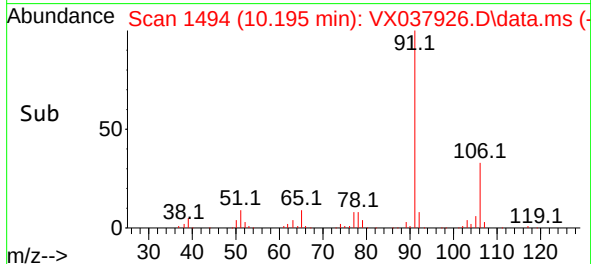
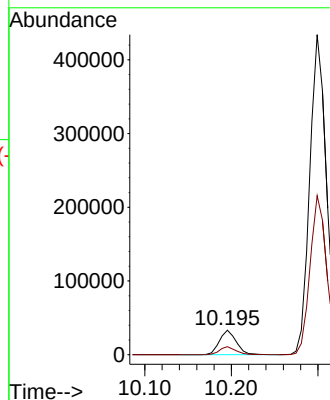
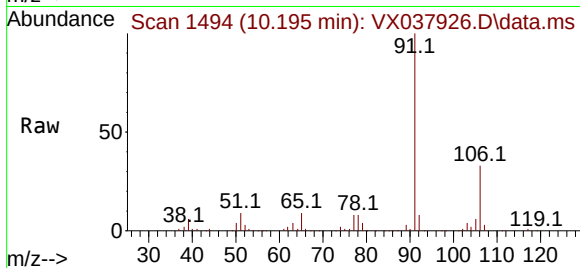
AUD-1055

Tgt Ion: 91 Resp: 44841

Ion Ratio Lower Upper

91 100

106 32.5 24.9 37.3



#68

m/p-Xylenes

Concen: 53.623 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037926.D

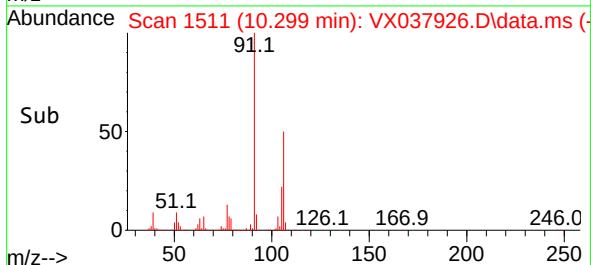
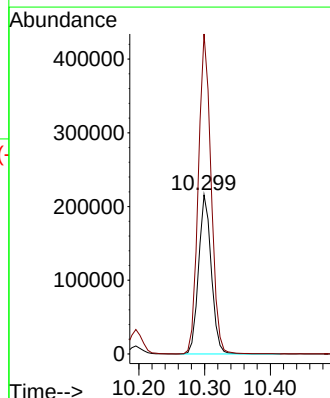
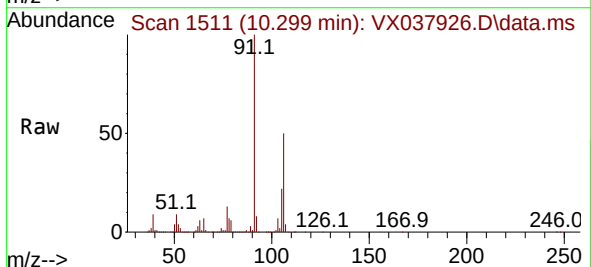
Acq: 27 Sep 2023 16:03

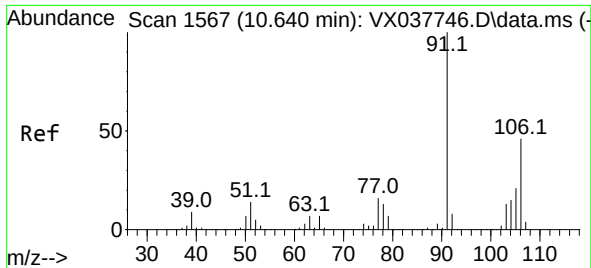
Tgt Ion: 106 Resp: 289203

Ion Ratio Lower Upper

106 100

91 202.0 165.5 248.3

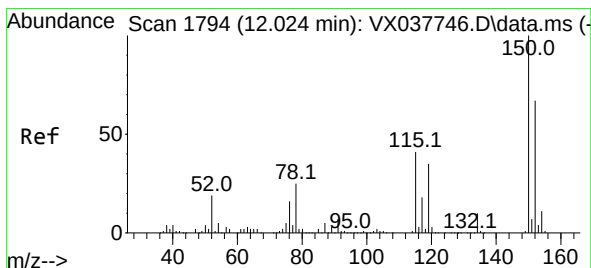
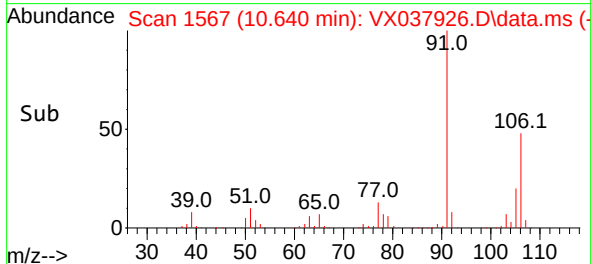
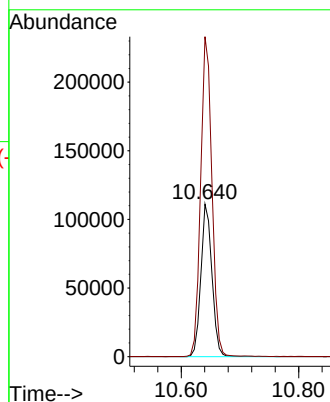
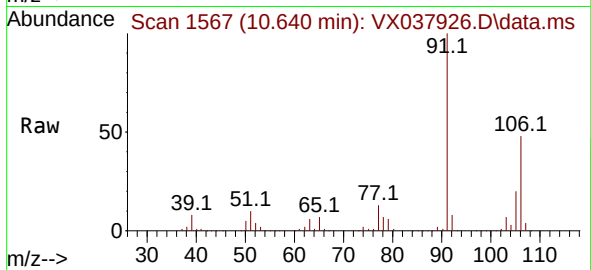




#69
o-Xylene
Concen: 26.895 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

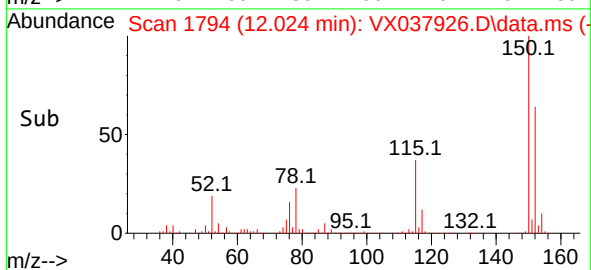
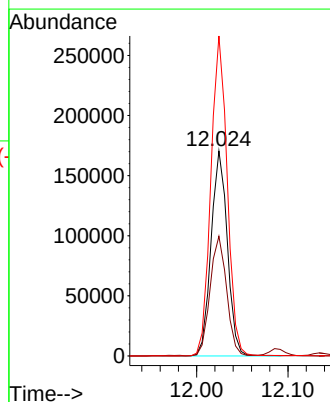
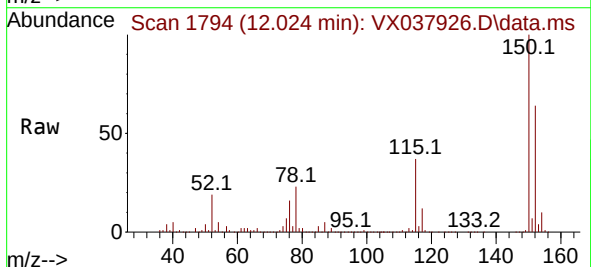
Instrument :
MSVOA_X
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AUD-1055

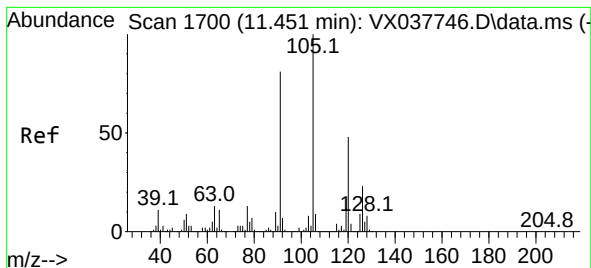
Tgt Ion:106 Resp: 145452
Ion Ratio Lower Upper
106 100
91 213.4 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037926.D
Acq: 27 Sep 2023 16:03

Tgt Ion:152 Resp: 210293
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 157.2 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 20.015 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037926.D

Acq: 27 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

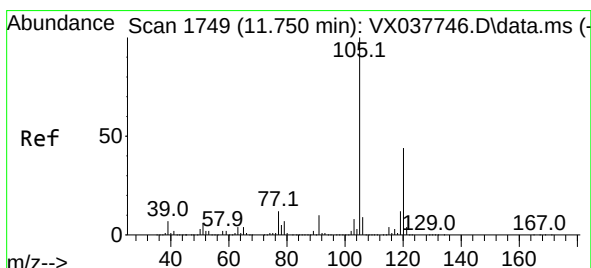
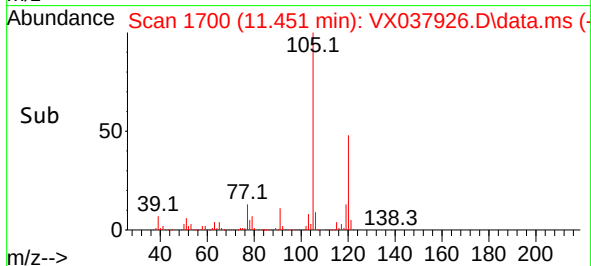
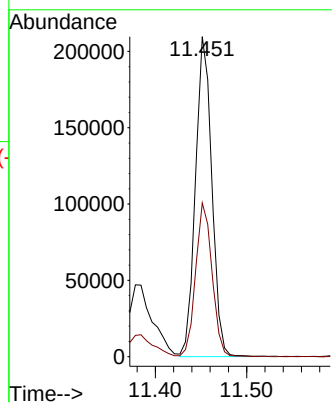
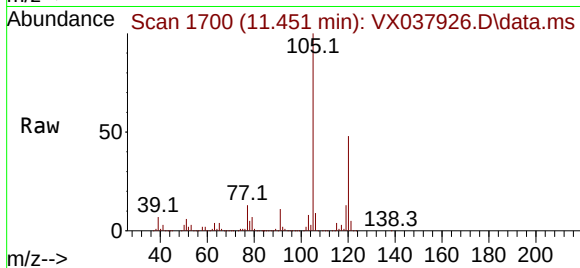
AUD-1055

Tgt Ion:105 Resp: 260777

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 33.655 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX037926.D

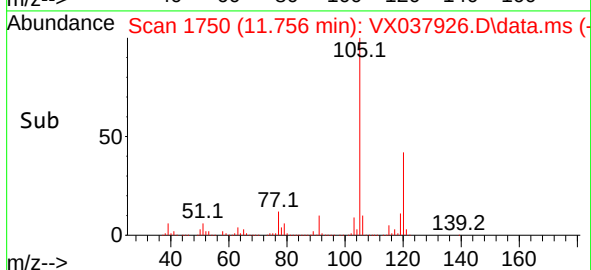
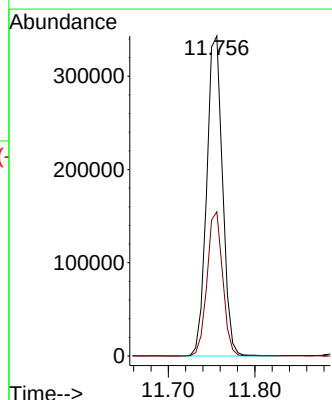
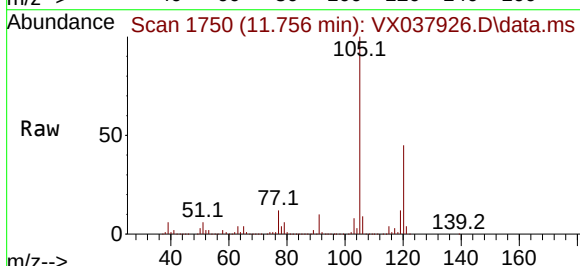
Acq: 27 Sep 2023 16:03

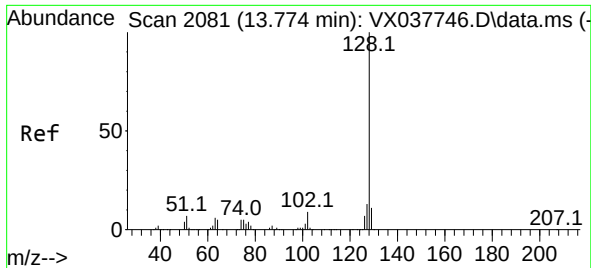
Tgt Ion:105 Resp: 436275

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6





#95

Naphthalene

Concen: 478.259 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX037926.D

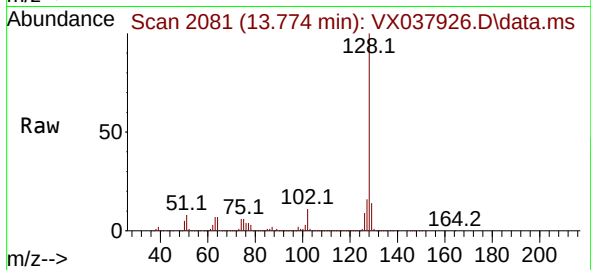
Acq: 27 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

AUD-1055



Tgt Ion:128 Resp: 6924415

Ion Ratio Lower Upper

128 100

127 14.9 10.3 15.5

129 12.8 8.8 13.2

