

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037924.D
 Acq On : 27 Sep 2023 15:17
 Operator : JC/MD
 Sample : 04614-01DL 1000X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1053DL

Quant Time: Sep 28 01:22:37 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)

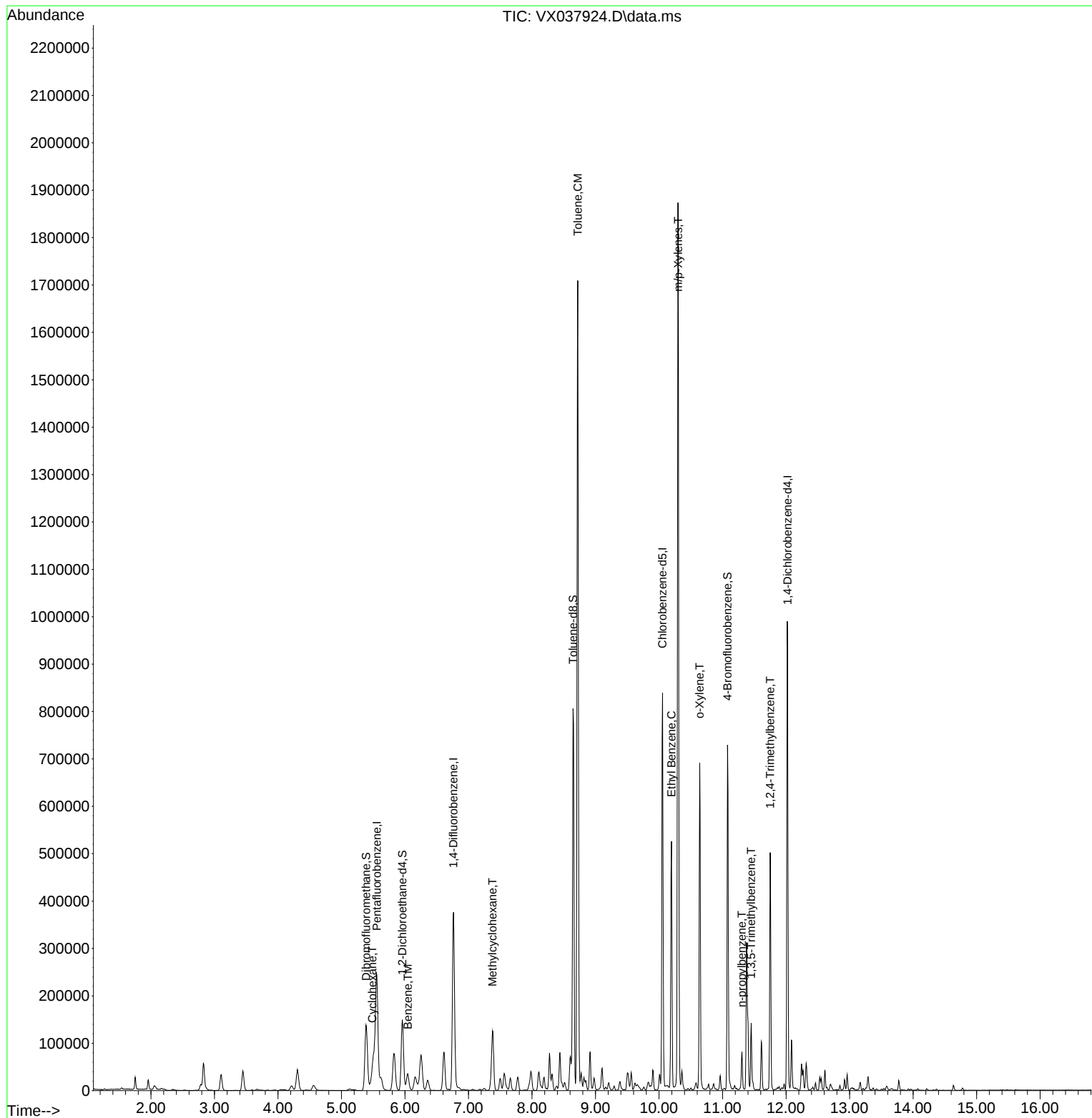
Internal Standards						
1) Pentafluorobenzene	5.556	168	235756	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	398155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142645	46.052	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.100%
35) Dibromofluoromethane	5.385	113	122103	45.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	484881	48.984	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.079	95	185445	51.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.120%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.483	56	33281	8.371	ug/l	# 84
39) Methylcyclohexane	7.379	83	56639	12.160	ug/l	99
40) Benzene	6.044	78	43894	3.889	ug/l	100
52) Toluene	8.720	92	641408	88.188	ug/l	95
67) Ethyl Benzene	10.195	91	300352	20.958	ug/l	100
68) m/p-Xylenes	10.299	106	429667	77.590	ug/l	98
69) o-Xylene	10.640	106	149095	26.849	ug/l	96
78) n-propylbenzene	11.305	91	49646	2.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	59643	4.591	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	212294	16.423	ug/l	95

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

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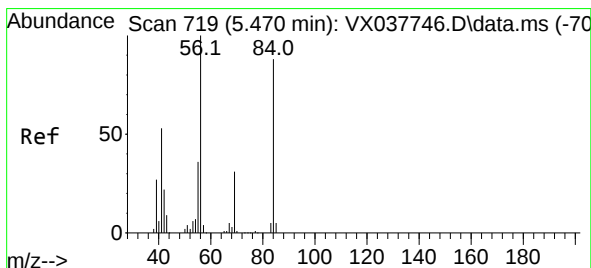
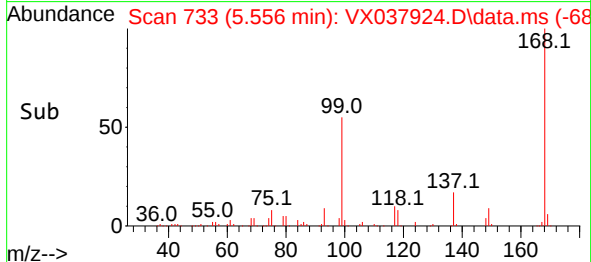
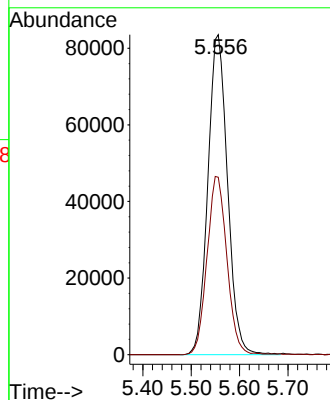
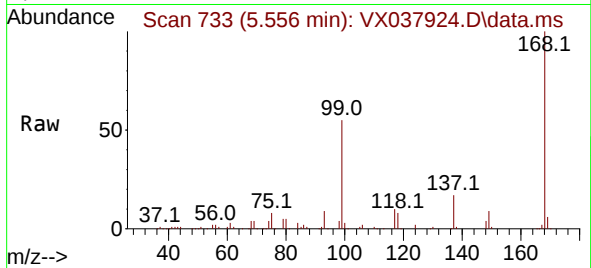




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

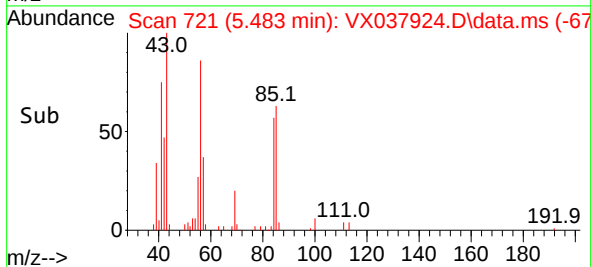
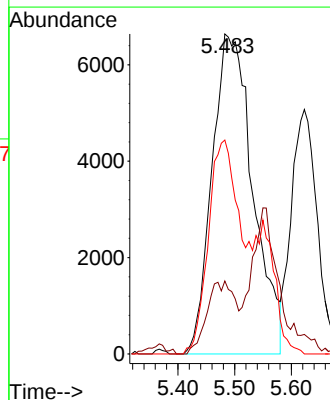
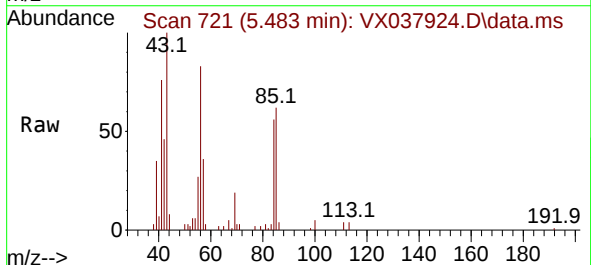
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053DL

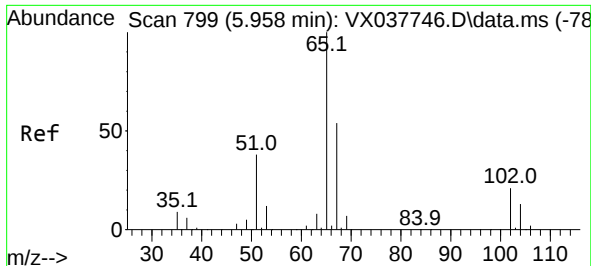
Tgt Ion:168 Resp: 235756
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#31
Cyclohexane
Concen: 8.371 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

Tgt Ion: 56 Resp: 33281
Ion Ratio Lower Upper
56 100
69 22.8 23.4 35.2#
84 66.9 65.9 98.9

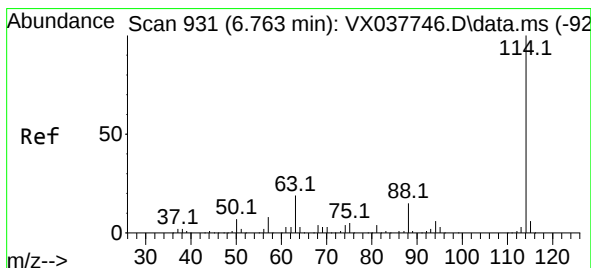
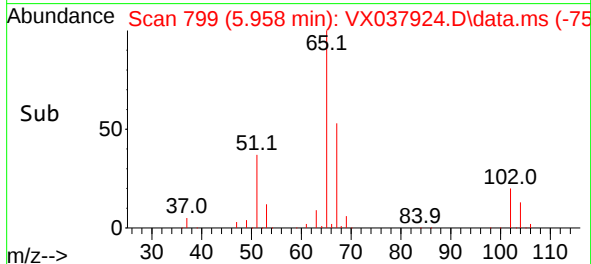
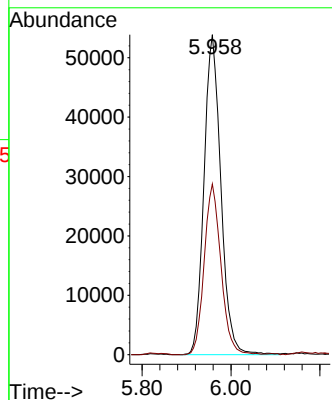
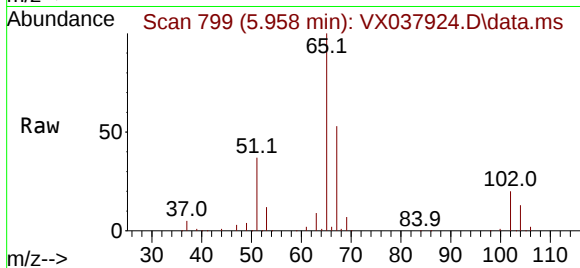




#33
 1,2-Dichloroethane-d4
 Concen: 46.052 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037924.D
 Acq: 27 Sep 2023 15:17

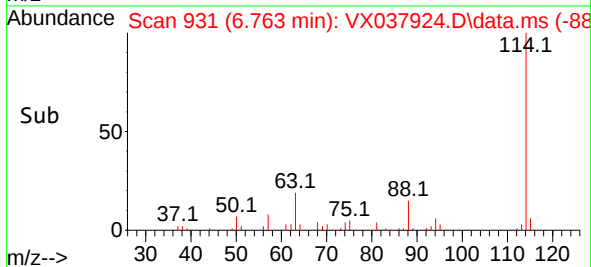
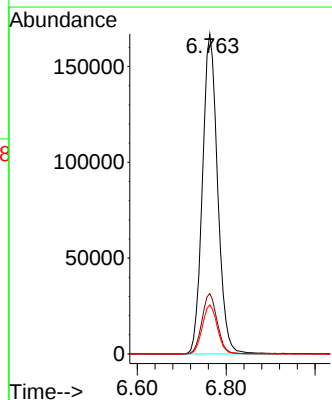
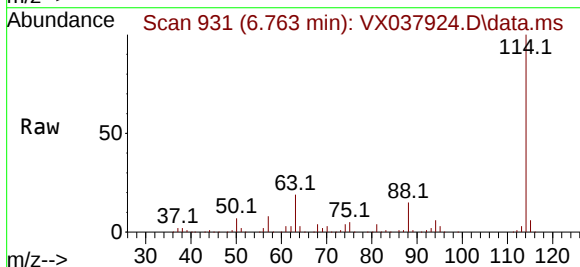
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1053DL

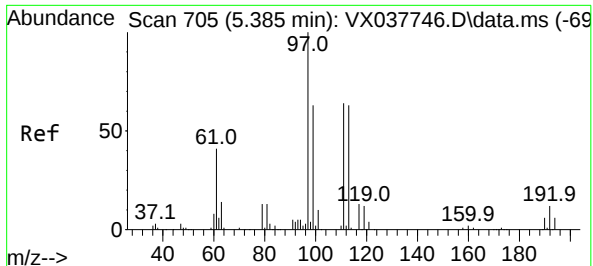
Tgt Ion: 65 Resp: 142645
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037924.D
 Acq: 27 Sep 2023 15:17

Tgt Ion: 114 Resp: 398155
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.833 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037924.D

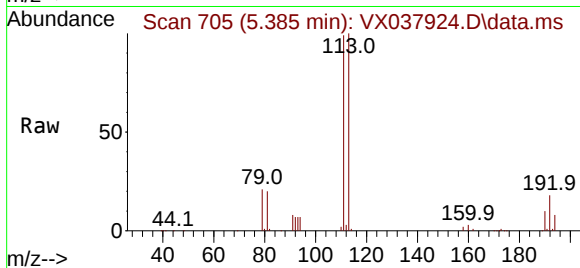
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Instrument :

MSVOA_X

ClientSampleId :

AUD-1053DL



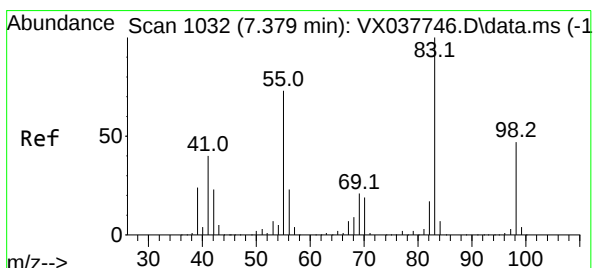
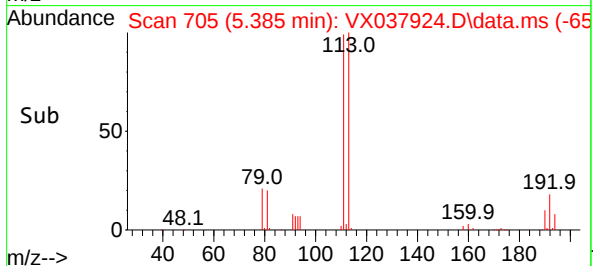
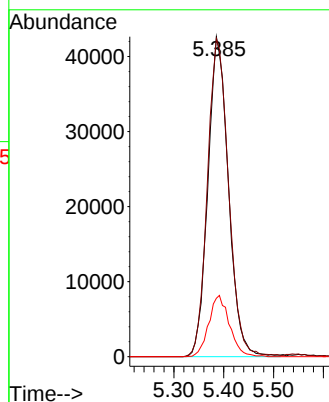
Tgt Ion:113 Resp: 122103

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 19.3 13.3 19.9



#39

Methylcyclohexane

Concen: 12.160 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037924.D

Acq: 27 Sep 2023 15:17

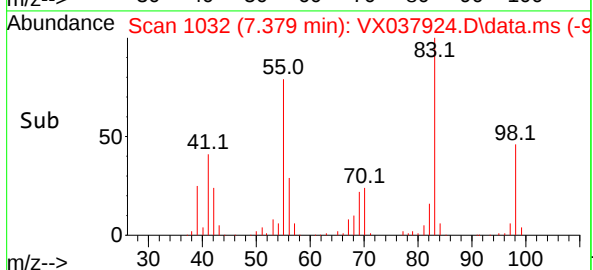
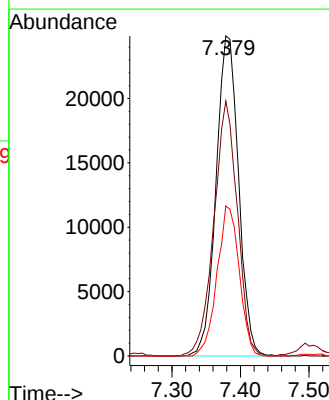
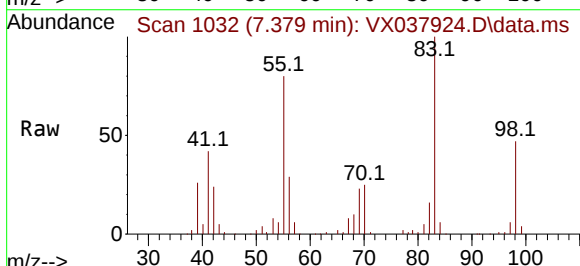
Tgt Ion: 83 Resp: 56639

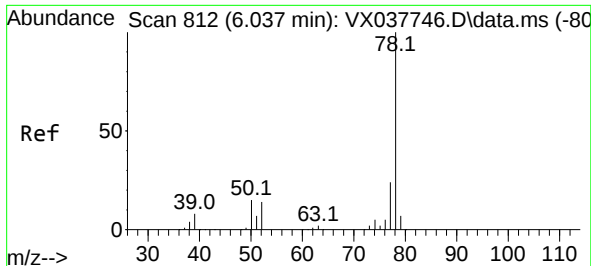
Ion Ratio Lower Upper

83 100

55 79.6 64.6 97.0

98 46.8 36.7 55.1

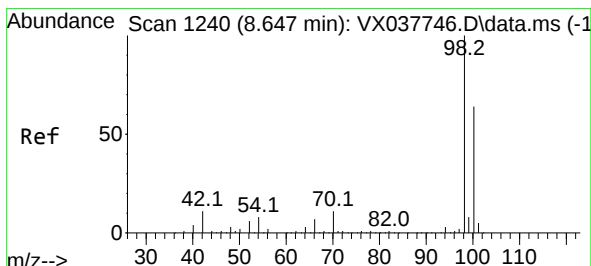
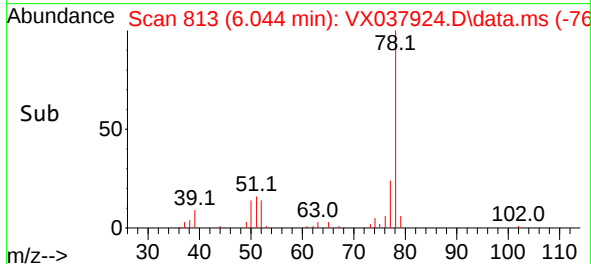
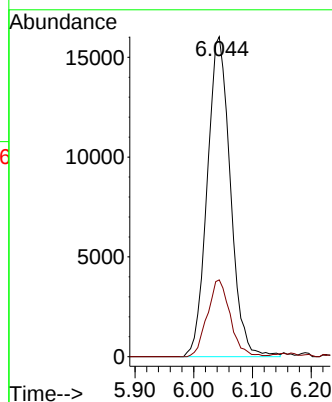
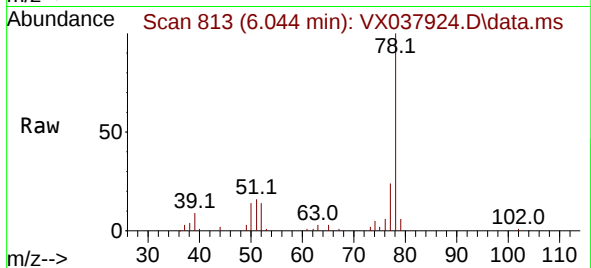




#40
Benzene
Concen: 3.889 ug/l
RT: 6.044 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

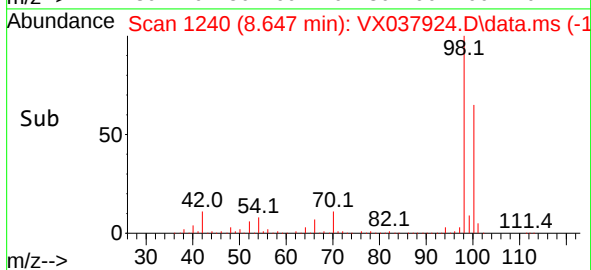
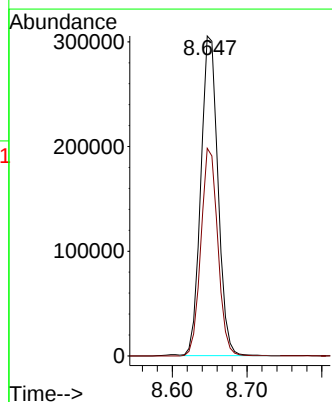
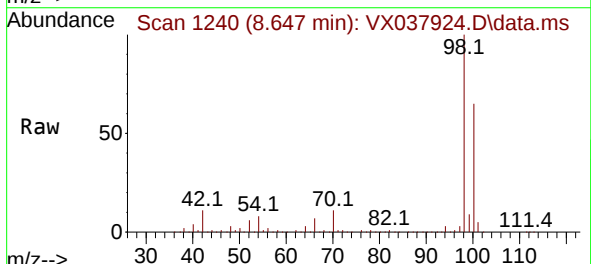
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053DL

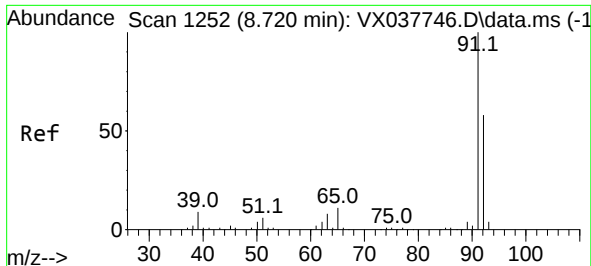
Tgt Ion: 78 Resp: 43894
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



#50
Toluene-d8
Concen: 48.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

Tgt Ion: 98 Resp: 484881
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

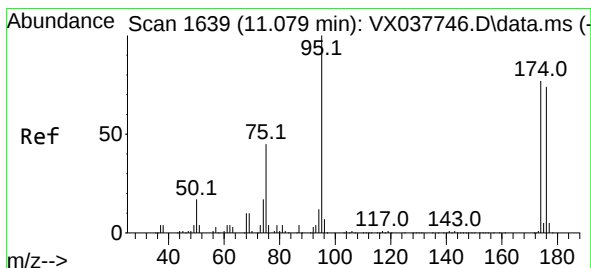
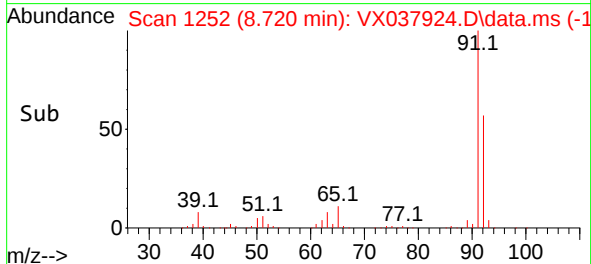
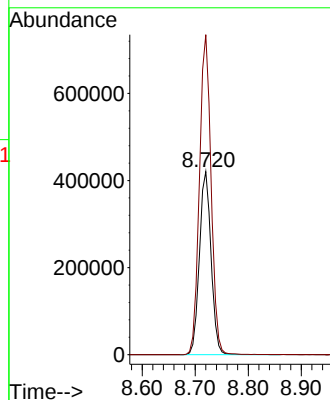
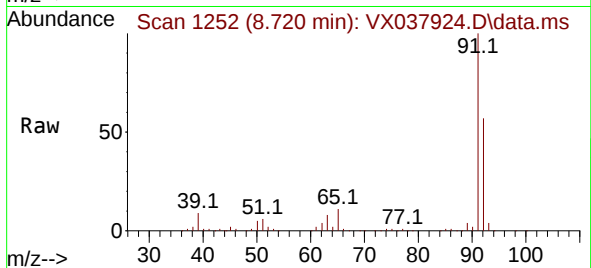




#52
Toluene
Concen: 88.188 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

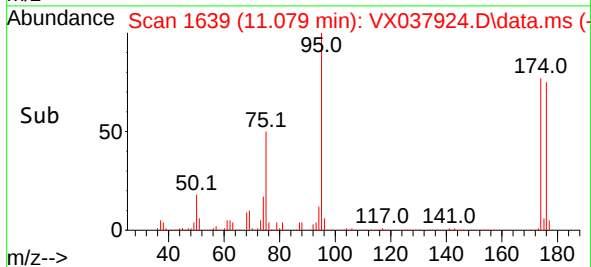
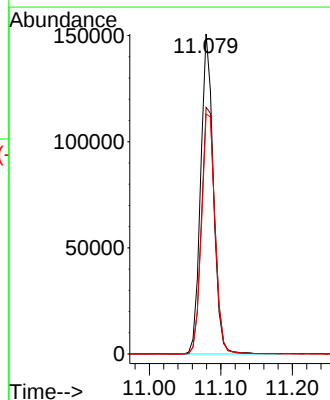
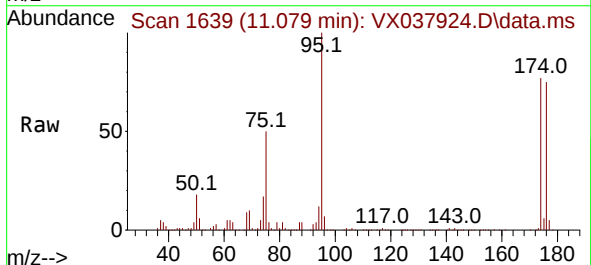
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053DL

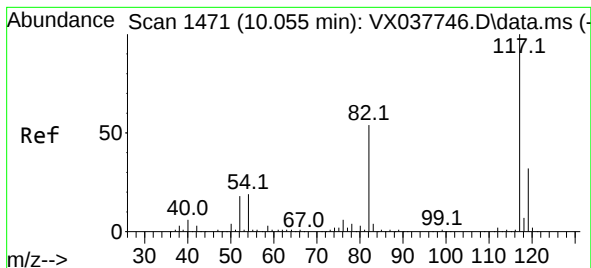
Tgt Ion: 92 Resp: 641408
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

Tgt Ion: 95 Resp: 185445
Ion Ratio Lower Upper
95 100
174 82.2 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: VX037924.D

Acq: 27 Sep 2023 15:17

Instrument :

MSVOA_X

ClientSampleId :

AUD-1053DL

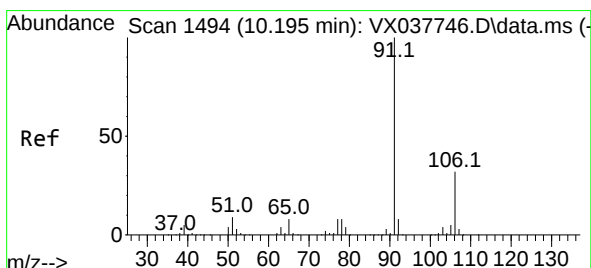
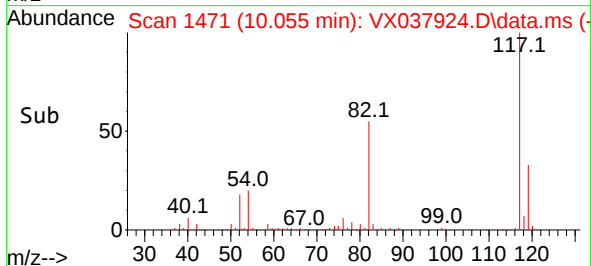
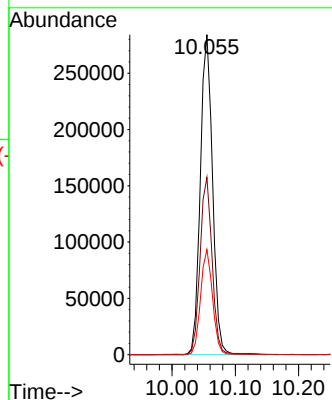
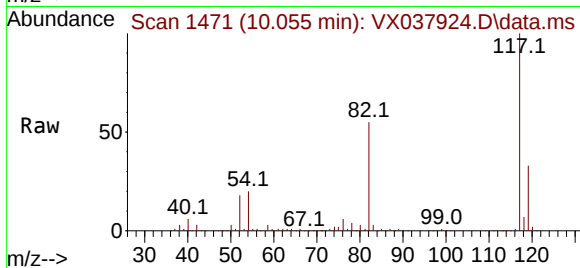
Tgt Ion:117 Resp: 383208

Ion Ratio Lower Upper

117 100

82 55.3 46.2 69.4

119 32.9 25.5 38.3



#67

Ethyl Benzene

Concen: 20.958 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037924.D

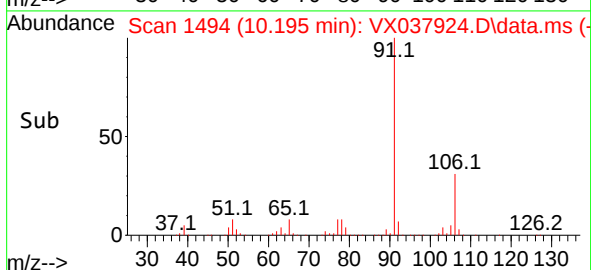
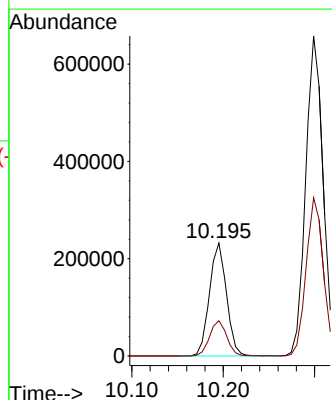
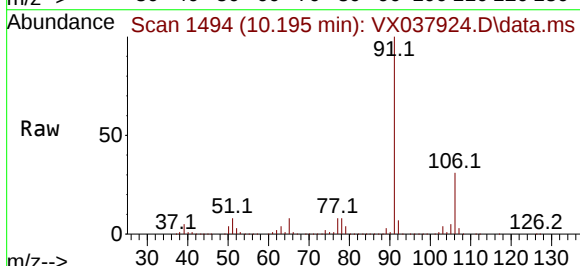
Acq: 27 Sep 2023 15:17

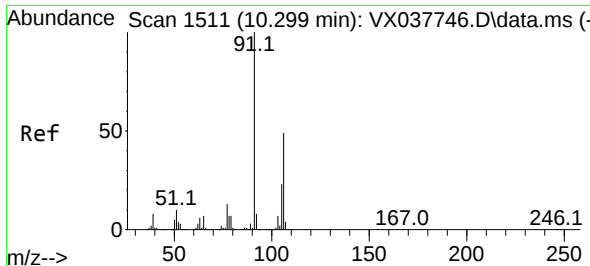
Tgt Ion: 91 Resp: 300352

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3

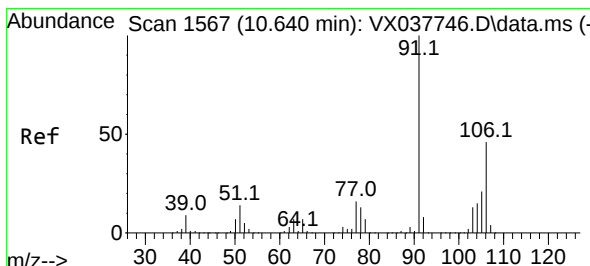
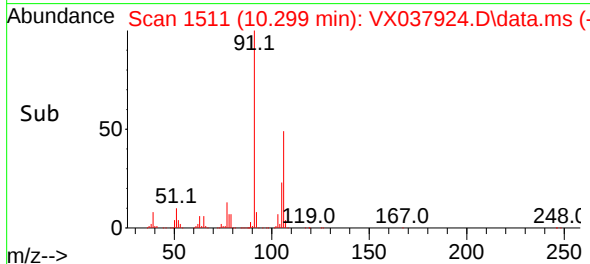
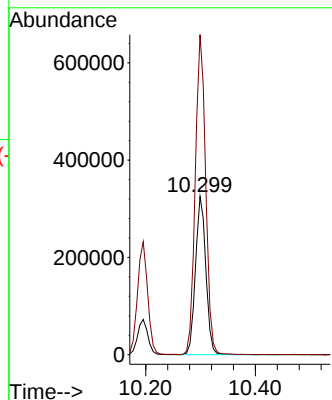
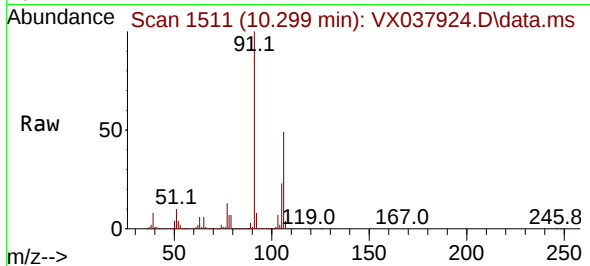




#68
m/p-Xylenes
Concen: 77.590 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

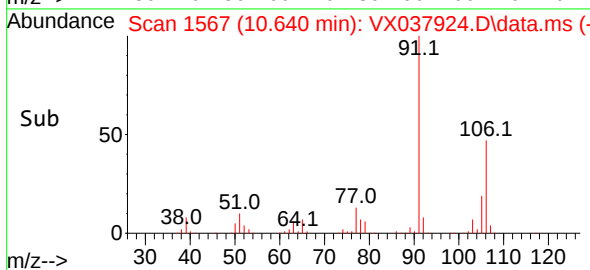
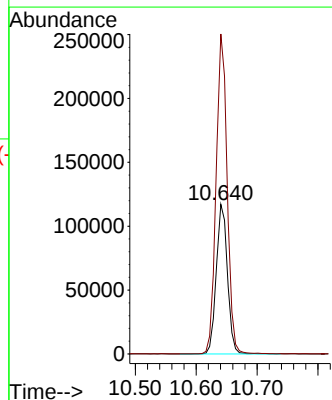
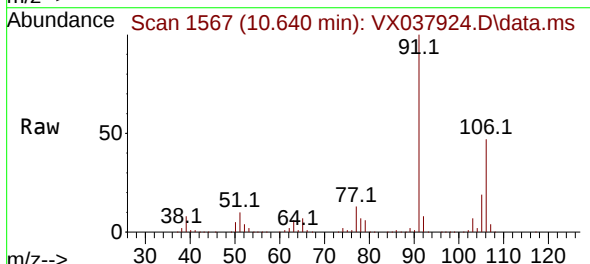
Instrument :
MSVOA_X
ClientSampleId :
AUD-1053DL

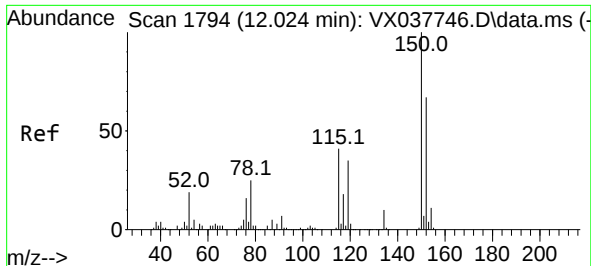
Tgt Ion:106 Resp: 429667
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3



#69
o-Xylene
Concen: 26.849 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

Tgt Ion:106 Resp: 149095
Ion Ratio Lower Upper
106 100
91 211.1 108.9 326.8

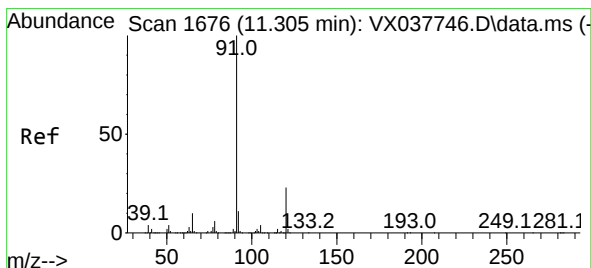
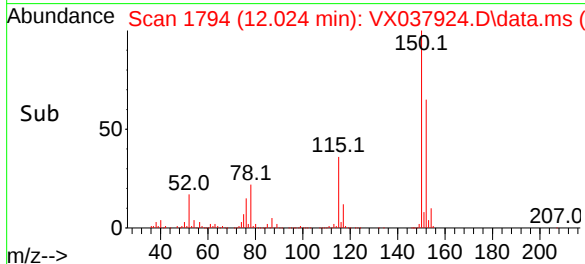
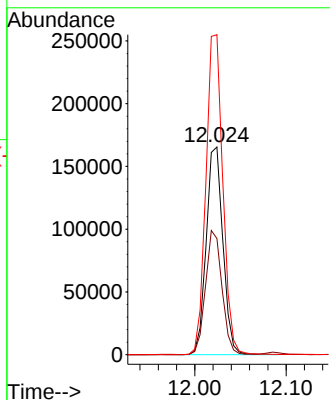
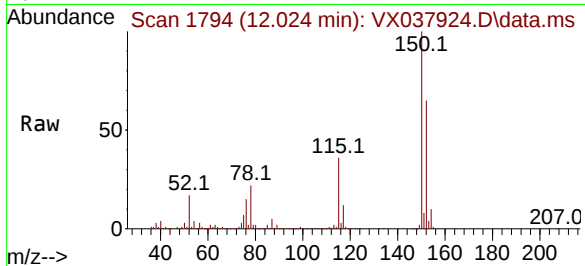




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

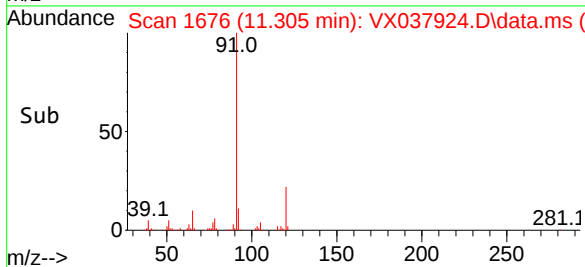
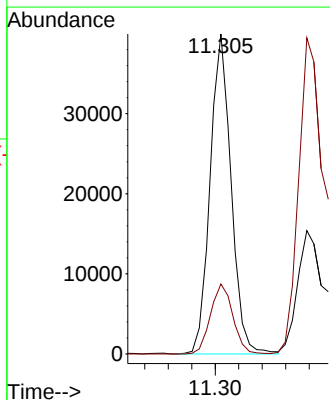
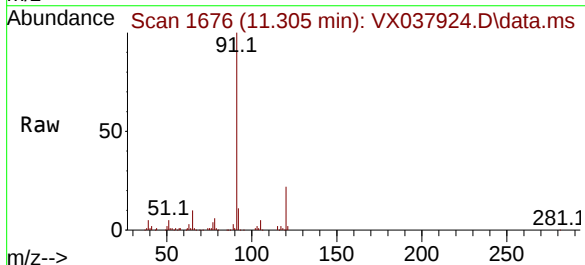
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MSVOA_X
ClientSampleId :
AUD-1053DL

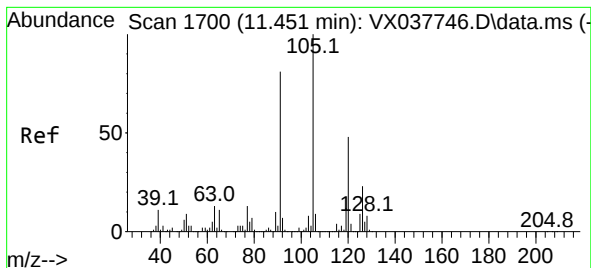
Tgt Ion:152 Resp: 209697
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.9
150 156.0 0.0 345.0



#78
n-propylbenzene
Concen: 2.857 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037924.D
Acq: 27 Sep 2023 15:17

Tgt Ion: 91 Resp: 49646
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 4.591 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037924.D

Acq: 27 Sep 2023 15:17

Instrument :

MSVOA_X

ClientSampleId :

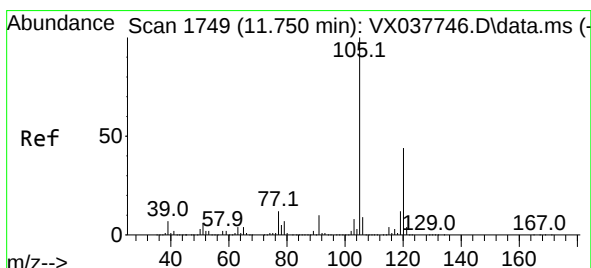
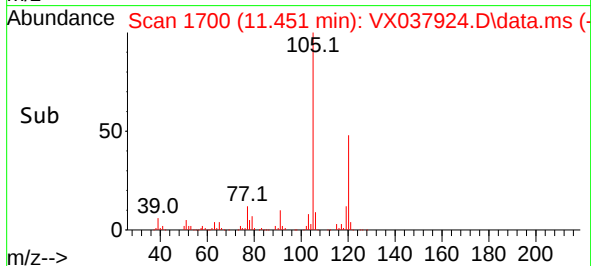
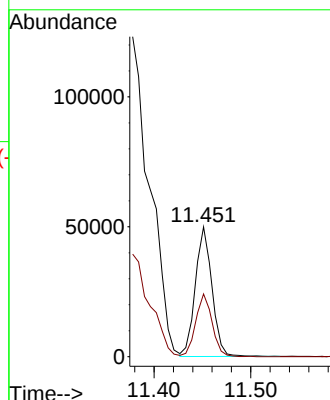
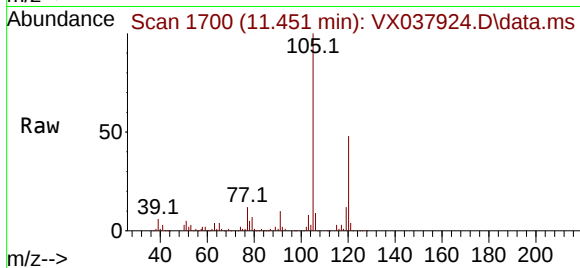
AUD-1053DL

Tgt Ion:105 Resp: 59643

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 16.423 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037924.D

Acq: 27 Sep 2023 15:17

Tgt Ion:105 Resp: 212294

Ion Ratio Lower Upper

105 100

120 45.5 21.2 63.6

