

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039952.D
 Acq On : 25 Jan 2024 14:32
 Operator : JC/MD
 Sample : P1235-05
 Misc : 1.25g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1104

Quant Time: Jan 26 01:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

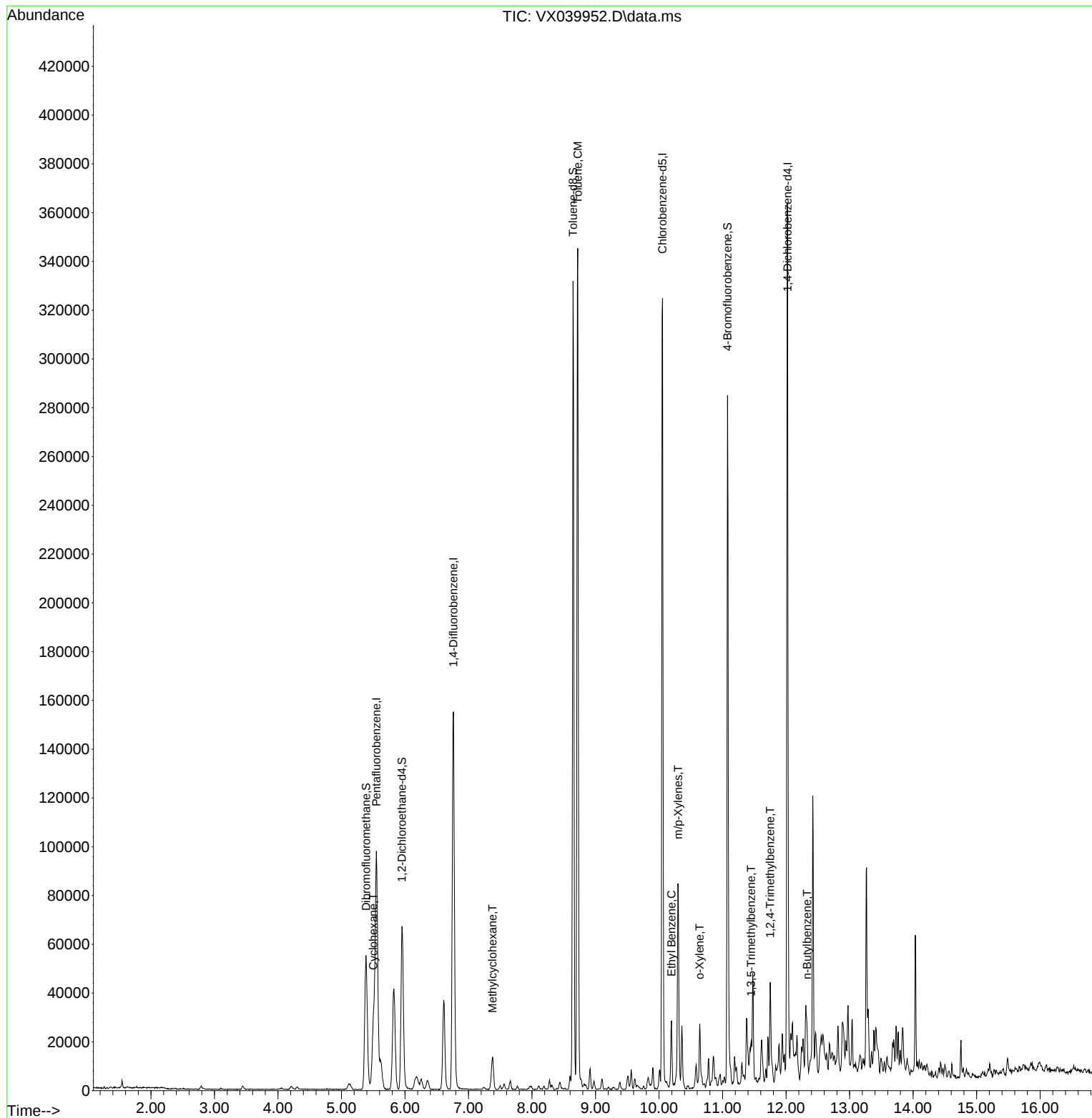
Internal Standards						
1) Pentafluorobenzene	5.550	168	81228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65435	48.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.385	113	46654	45.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	186287	48.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	72419	47.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.960%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.501	56	7721	4.300	ug/l #	49
39) Methylcyclohexane	7.379	83	5518	2.885	ug/l	93
52) Toluene	8.720	92	126782	47.056	ug/l	94
67) Ethyl Benzene	10.195	91	14369	2.626	ug/l	98
68) m/p-Xylenes	10.299	106	17999	8.944	ug/l	89
69) o-Xylene	10.640	106	5266	2.642	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	5340	1.171	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	14484	3.185	ug/l	100
89) n-Butylbenzene	12.329	91	4878	1.118	ug/l #	66

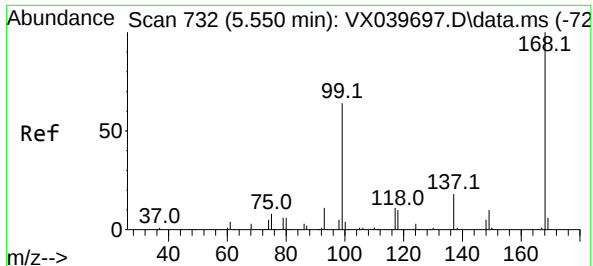
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

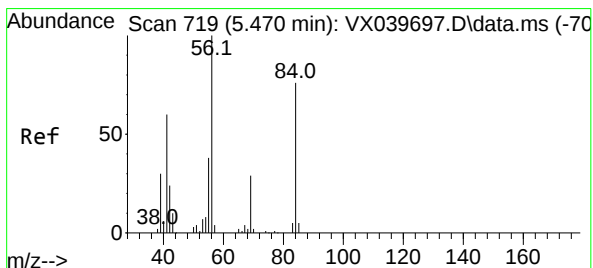
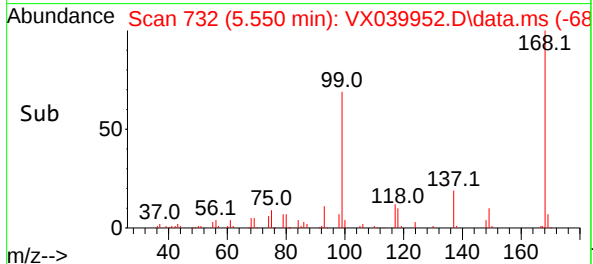
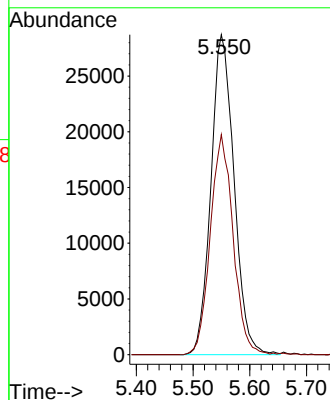
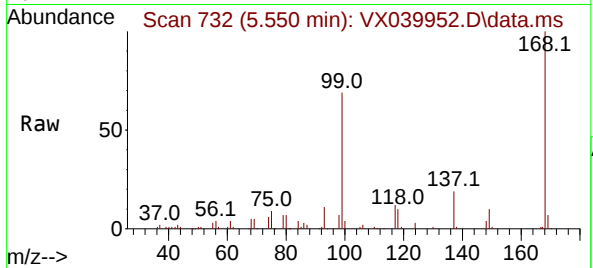




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

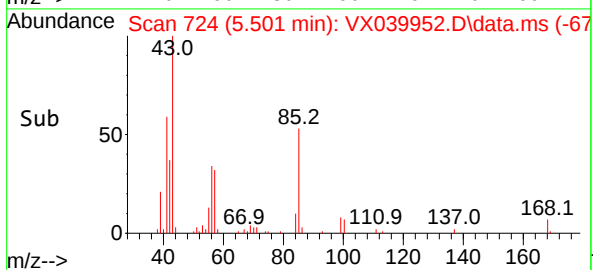
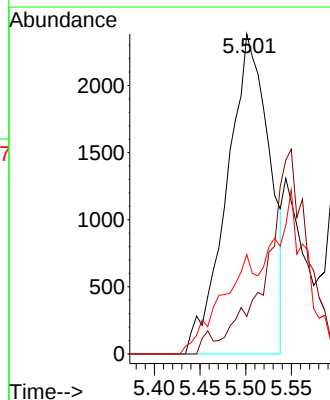
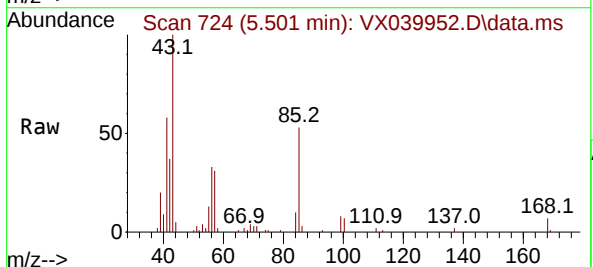
Instrument :
MSVOA_X
ClientSampleId :
1104

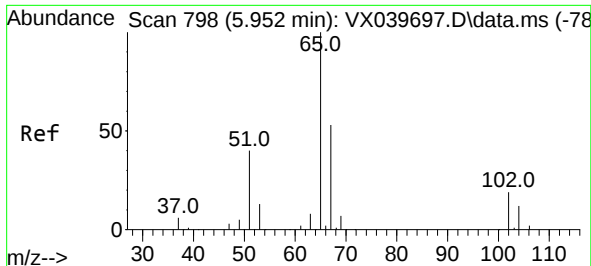
Tgt Ion:168 Resp: 81228
Ion Ratio Lower Upper
168 100
99 68.7 56.6 85.0



#31
Cyclohexane
Concen: 4.300 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.031 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

Tgt Ion: 56 Resp: 7721
Ion Ratio Lower Upper
56 100
69 11.7 23.4 35.2#
84 31.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.090 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039952.D

Acq: 25 Jan 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :

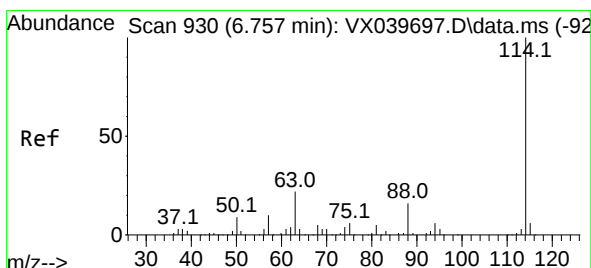
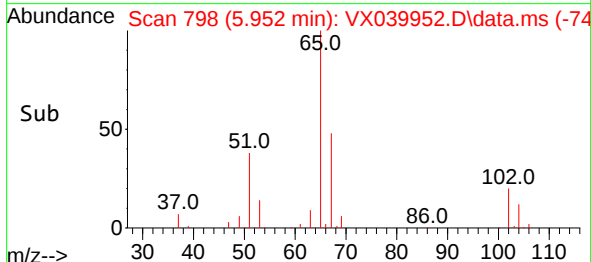
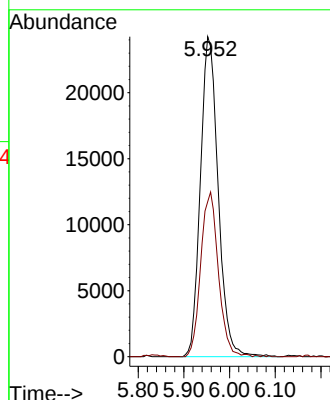
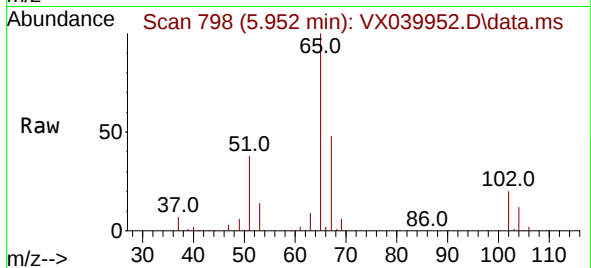
1104

Tgt Ion: 65 Resp: 65435

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039952.D

Acq: 25 Jan 2024 14:32

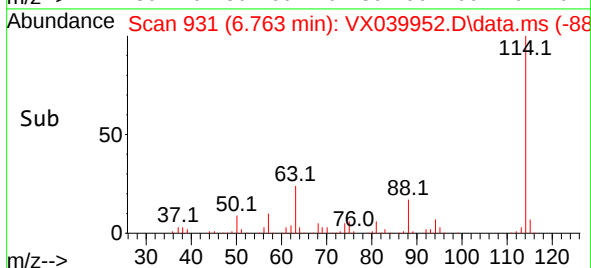
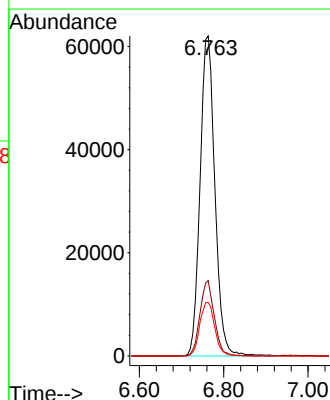
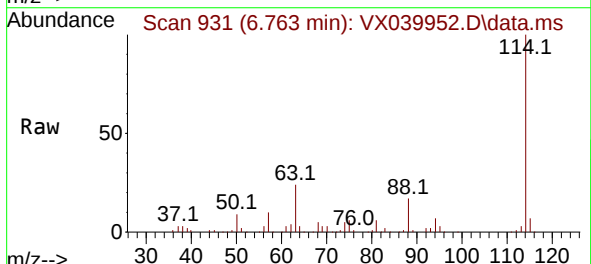
Tgt Ion: 114 Resp: 151947

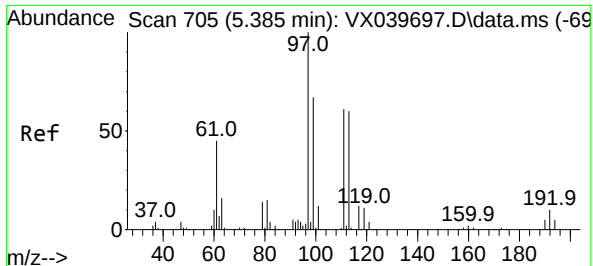
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 16.7 0.0 36.6

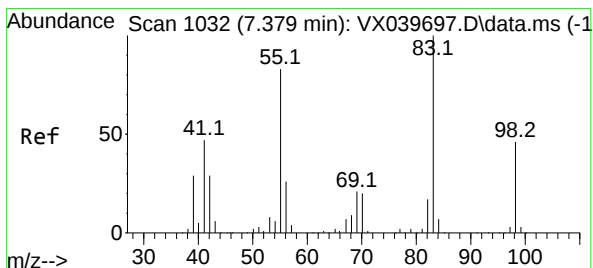
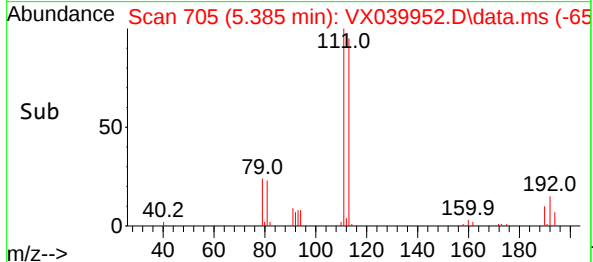
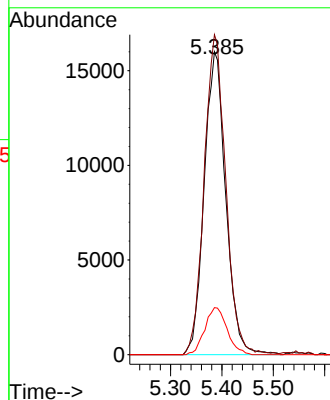
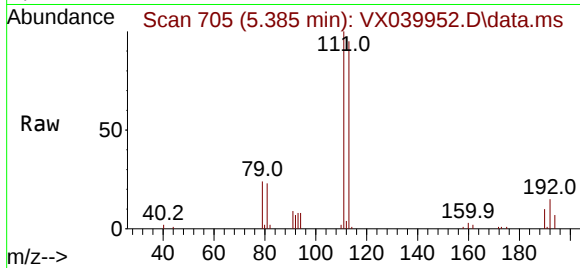




#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

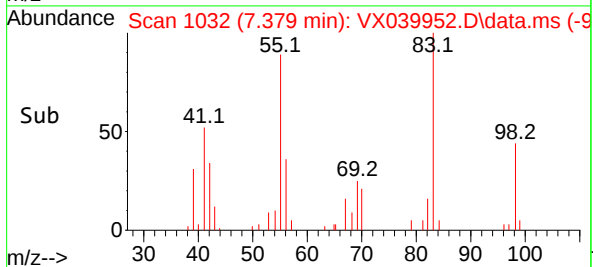
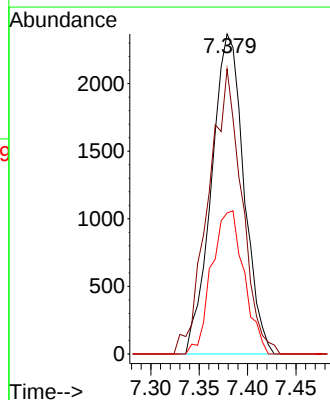
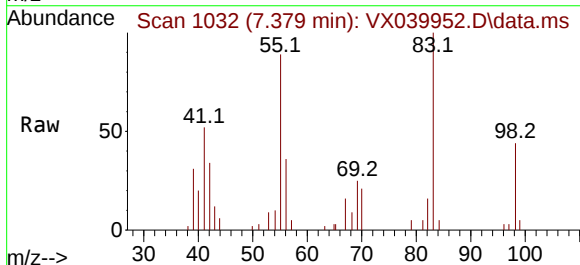
Instrument :
MSVOA_X
ClientSampleId :
1104

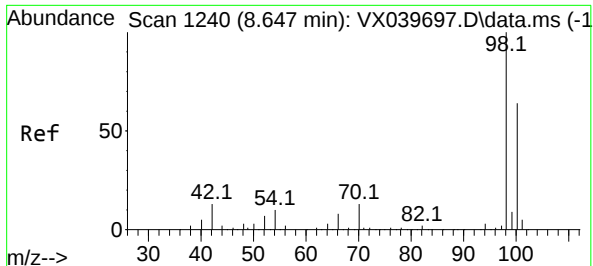
Tgt Ion:113 Resp: 46654
Ion Ratio Lower Upper
113 100
111 105.8 82.9 124.3
192 16.1 13.3 19.9



#39
Methylcyclohexane
Concen: 2.885 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

Tgt Ion: 83 Resp: 5518
Ion Ratio Lower Upper
83 100
55 89.1 64.6 97.0
98 44.1 36.7 55.1

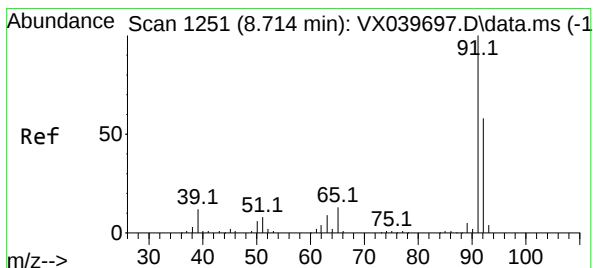
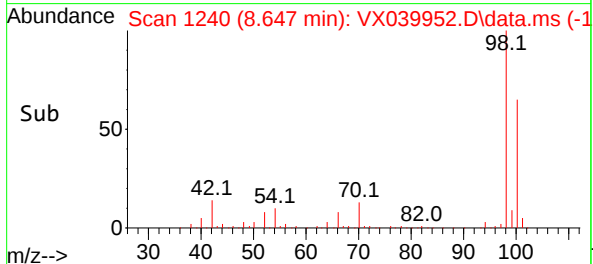
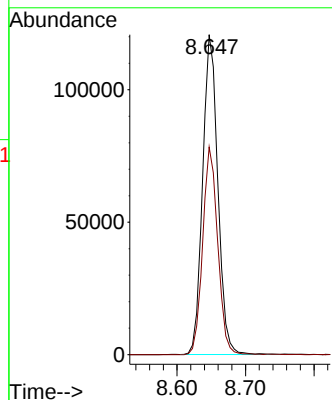
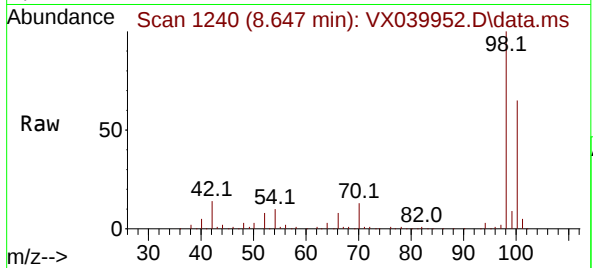




#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.647 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

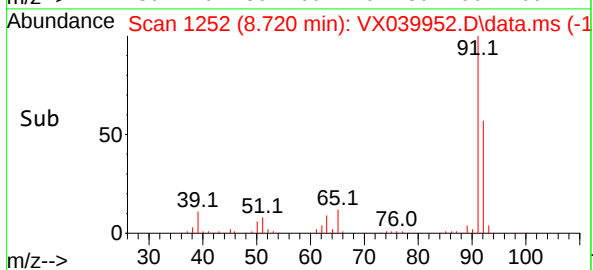
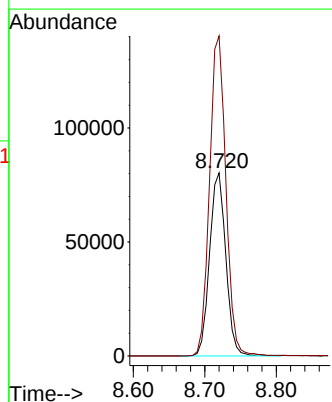
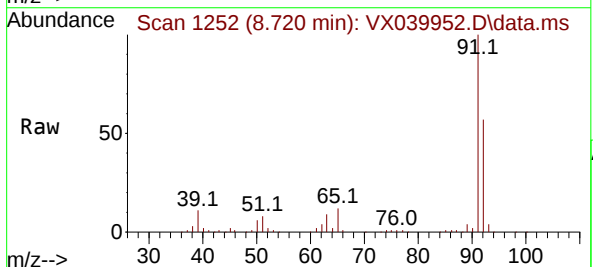
Instrument :
MSVOA_X
ClientSampleId :
1104

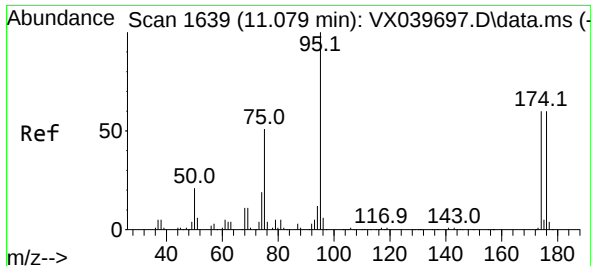
Tgt Ion: 98 Resp: 186287
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#52
Toluene
Concen: 47.056 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

Tgt Ion: 92 Resp: 126782
Ion Ratio Lower Upper
92 100
91 175.5 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 47.978 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039952.D

Acq: 25 Jan 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :

1104

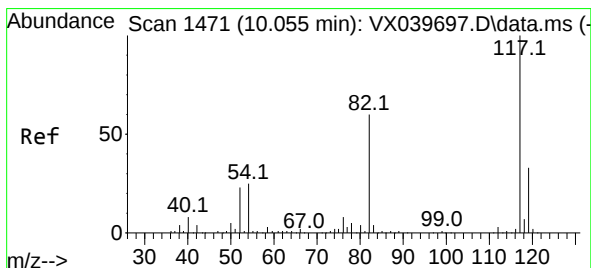
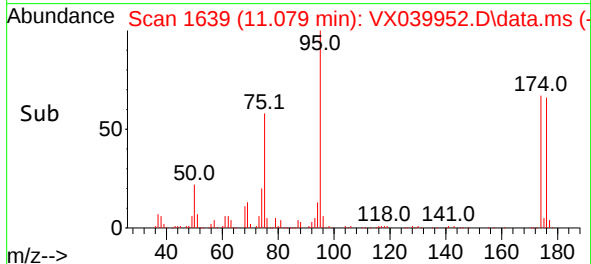
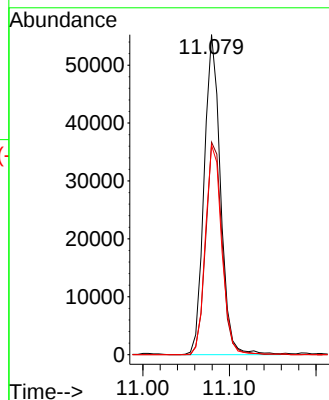
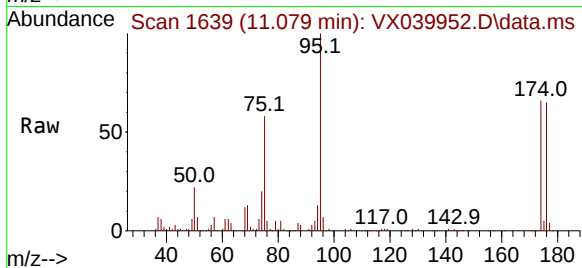
Tgt Ion: 95 Resp: 72419

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.6

176 65.7 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: VX039952.D

Acq: 25 Jan 2024 14:32

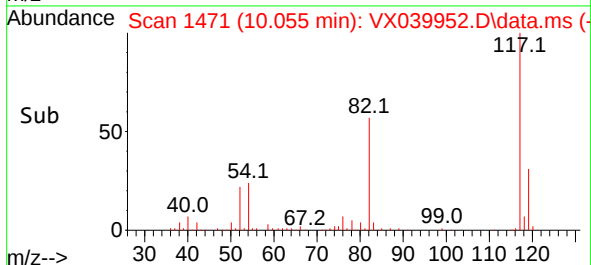
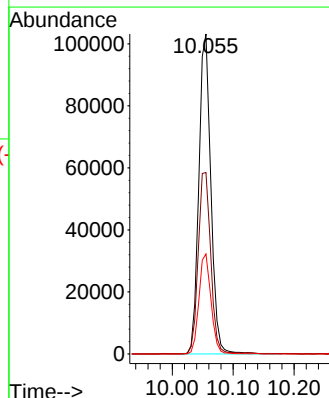
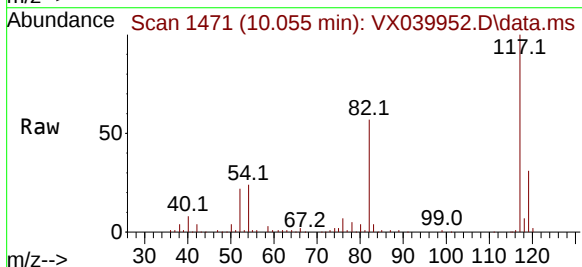
Tgt Ion: 117 Resp: 141504

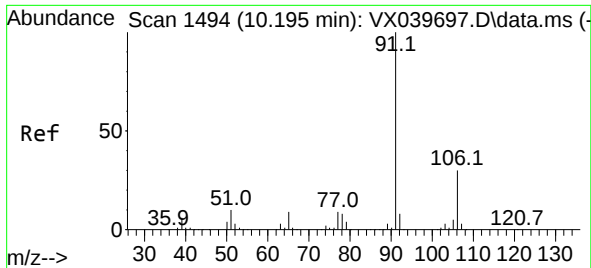
Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 31.3 25.5 38.3





#67

Ethyl Benzene

Concen: 2.626 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039952.D

Acq: 25 Jan 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :

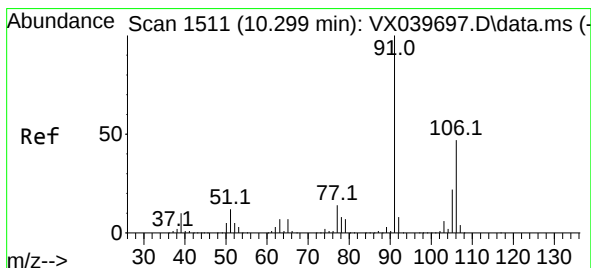
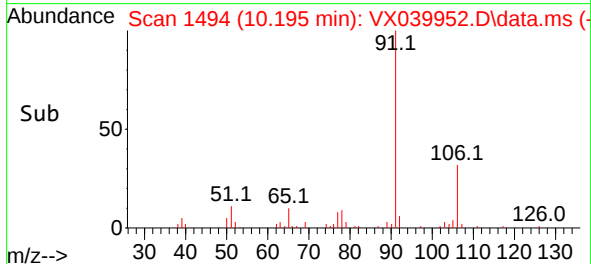
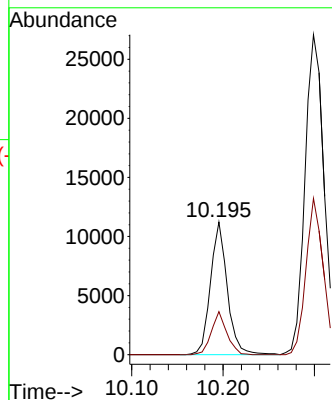
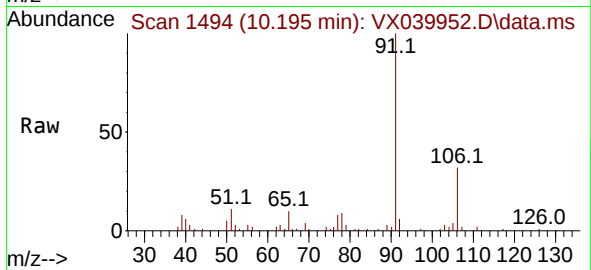
1104

Tgt Ion: 91 Resp: 14369

Ion Ratio Lower Upper

91 100

106 32.5 24.9 37.3



#68

m/p-Xylenes

Concen: 8.944 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039952.D

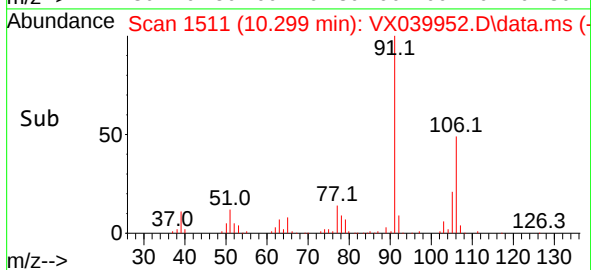
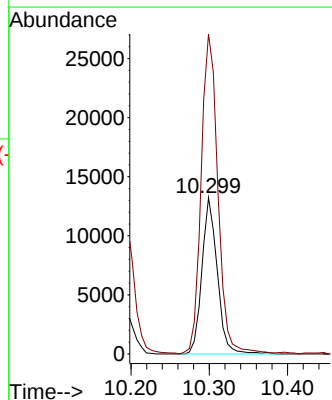
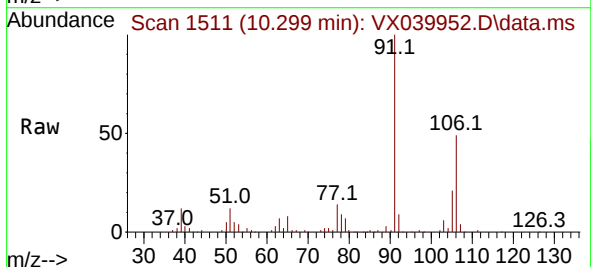
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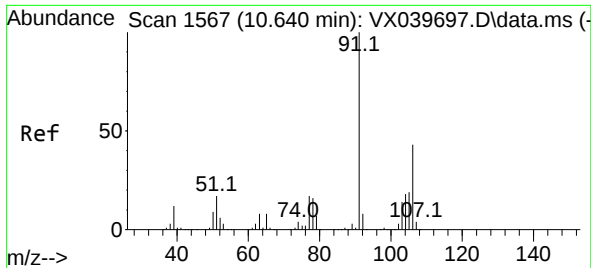
Tgt Ion: 106 Resp: 17999

Ion Ratio Lower Upper

106 100

91 223.4 165.5 248.3

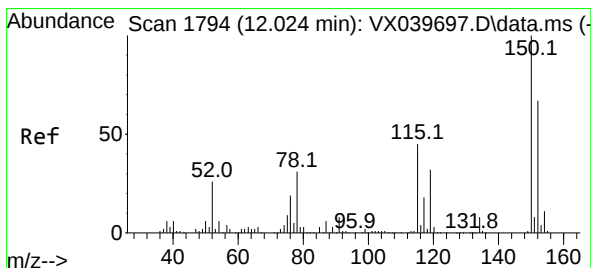
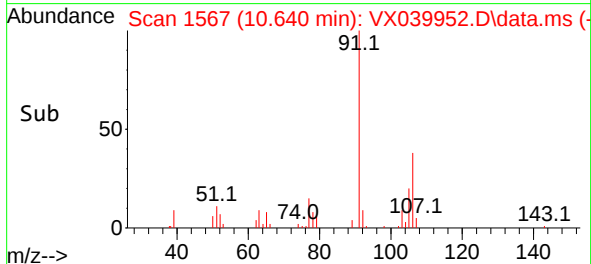
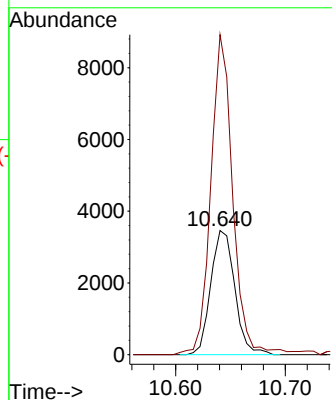
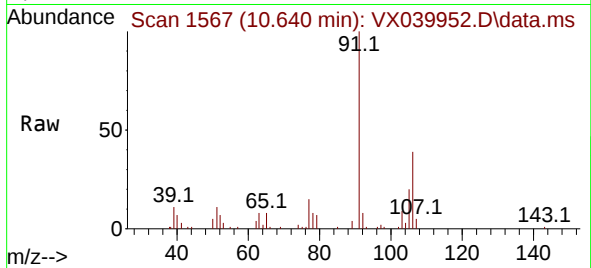




#69
o-Xylene
Concen: 2.642 ug/l
RT: 10.640 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

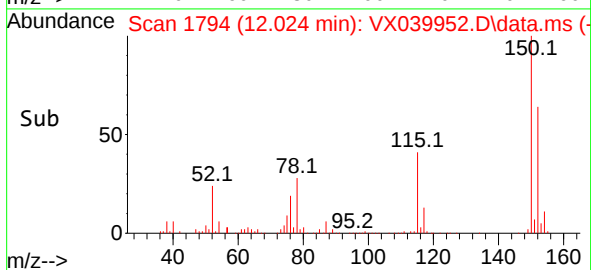
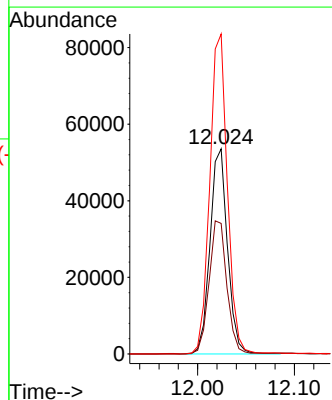
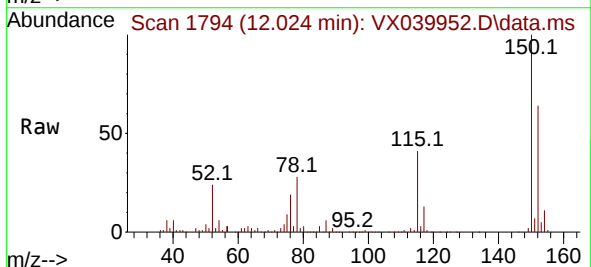
Instrument :
MSVOA_X
ClientSampleId :
1104

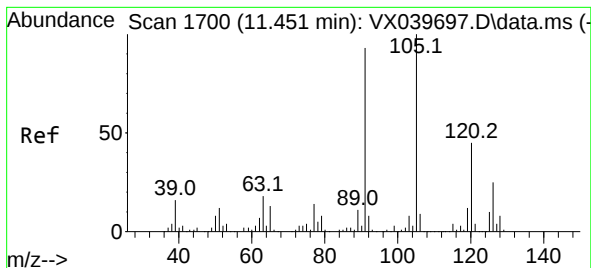
Tgt Ion:106 Resp: 5266
Ion Ratio Lower Upper
106 100
91 235.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039952.D
Acq: 25 Jan 2024 14:32

Tgt Ion:152 Resp: 67419
Ion Ratio Lower Upper
152 100
115 66.3 43.3 129.9
150 157.0 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 1.171 ug/l

RT: 11.451 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039952.D

Acq: 25 Jan 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :

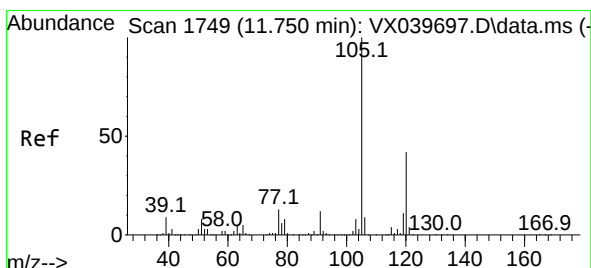
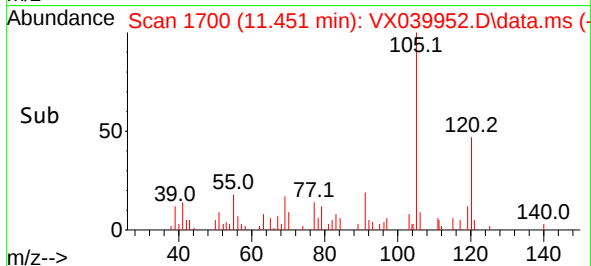
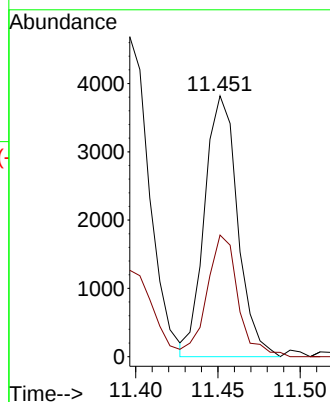
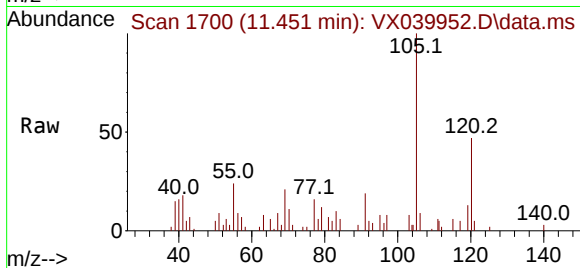
1104

Tgt Ion:105 Resp: 5340

Ion Ratio Lower Upper

105 100

120 43.8 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 3.185 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039952.D

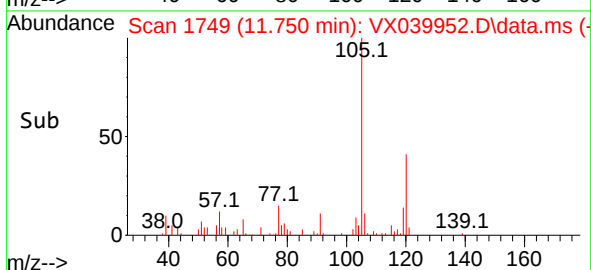
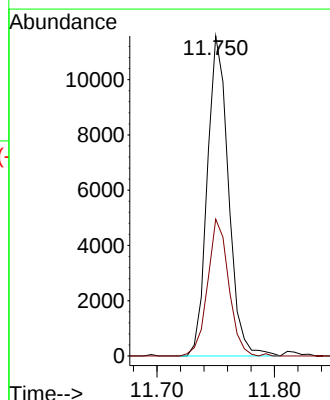
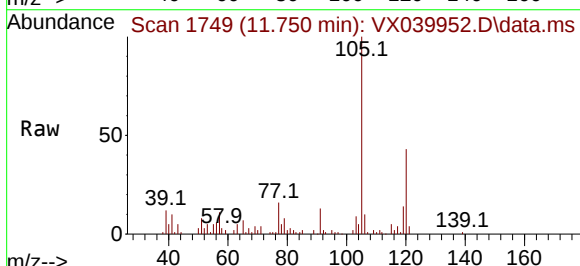
Acq: 25 Jan 2024 14:32

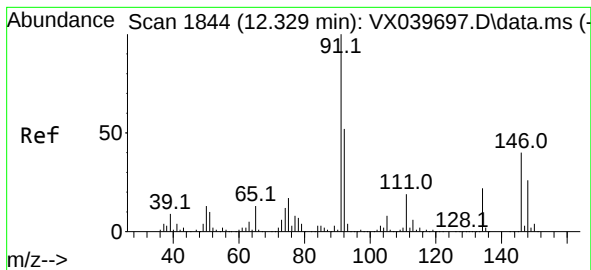
Tgt Ion:105 Resp: 14484

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6





#89

n-Butylbenzene

Concen: 1.118 ug/l

RT: 12.329 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039952.D

Acq: 25 Jan 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :

1104

Tgt Ion: 91 Resp: 4878

Ion Ratio Lower Upper

91 100

92 38.2 27.4 82.0

134 54.1 12.6 37.8#

