

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044209.D
 Acq On : 10 Dec 2024 15:36
 Operator : JC/MD
 Sample : P5220-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAS-AUD-1610-1611-1612

Quant Time: Dec 11 01:35:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

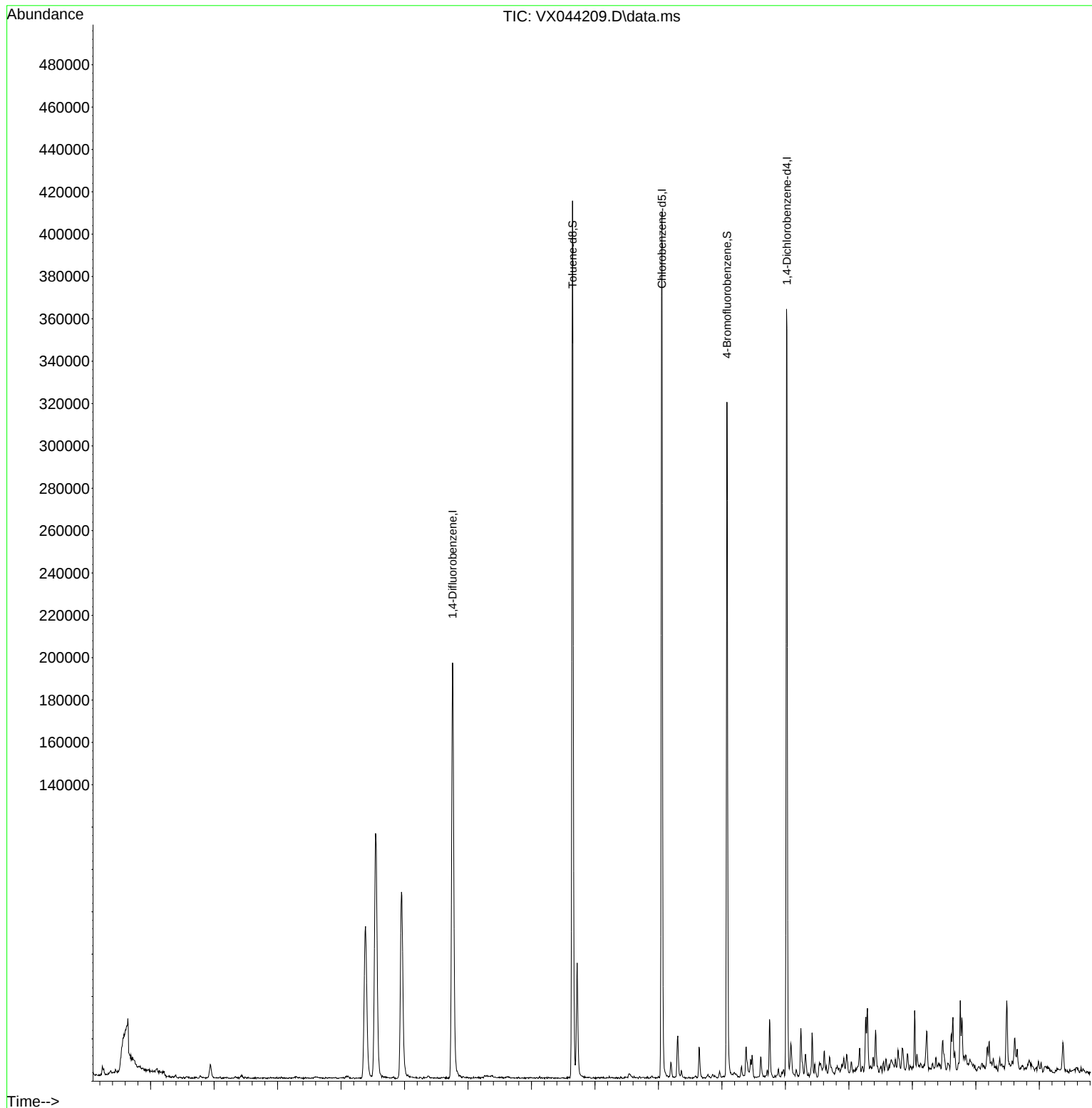
Internal Standards						
1) Pentafluorobenzene	5.556	168	101941	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	6.757	114	191900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89316	51.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.160%			
35) Dibromofluoromethane	5.385	113	62165	45.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.680%			
50) Toluene-d8	8.647	98	234620	49.637	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	11.079	95	81043	50.380	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.760%			
Target Compounds						
16) Acetone	2.392	43	1032	1.285	ug/l	95
52) Toluene	8.720	92	20119	6.315	ug/l	97
67) Ethyl Benzene	10.195	91	4577	0.724	ug/l #	85
68) m/p-Xylenes	10.305	106	5078	2.153	ug/l	97
69) o-Xylene	10.640	106	3487	1.514	ug/l	87
73) Isopropylbenzene	10.964	105	1686	0.305	ug/l	91
78) n-propylbenzene	11.311	91	3470	0.562	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3733	0.821	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	12498	2.762	ug/l	97
85) sec-Butylbenzene	11.890	105	1415	0.256	ug/l	98
89) n-Butylbenzene	12.329	91	1672	0.423	ug/l #	38

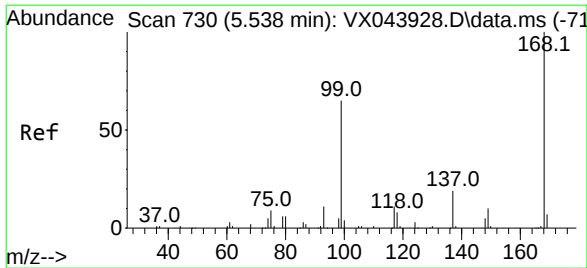
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
GAS-AUD-1610-1611-1612

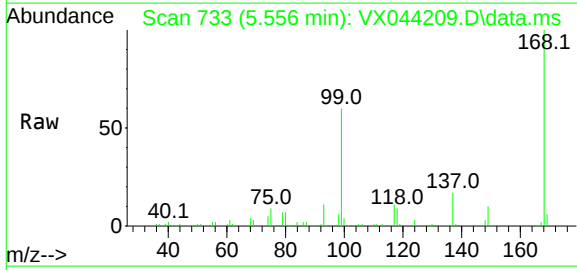
Quant Time: Dec 11 01:35:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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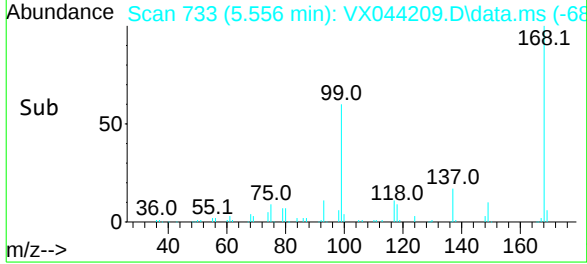
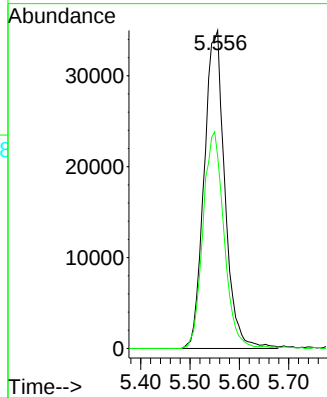


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 730
Delta R.T. 0.018 min
Lab File: VX044209.D
Acq: 10 Dec 2024 15:36

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

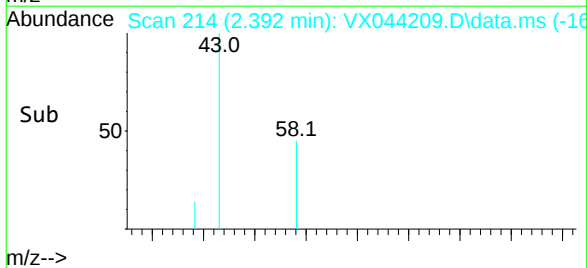
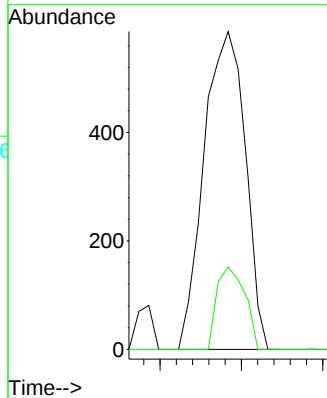
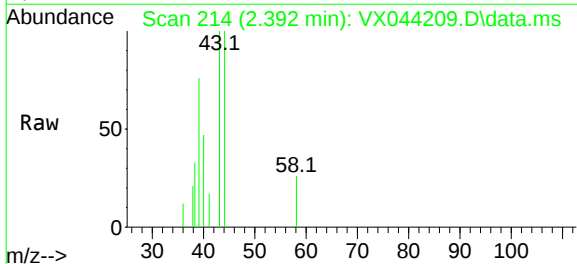


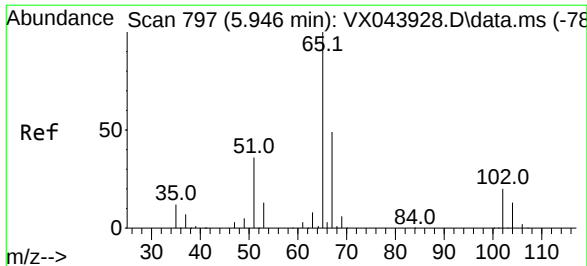
Tgt Ion: 168 Resp: 101941
Ion Ratio Lower Upper
168 100
99 60.4 51.8 77.8



#16
Acetone
Concen: 1.285 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX044209.D
Acq: 10 Dec 2024 15:36

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1

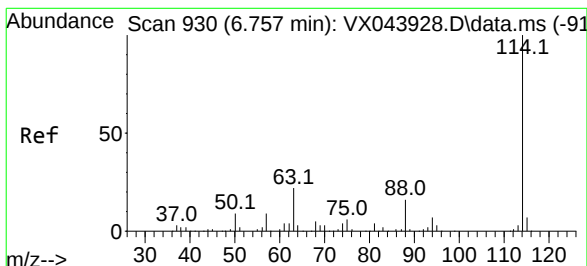
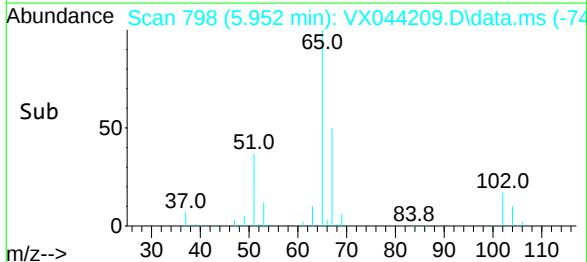
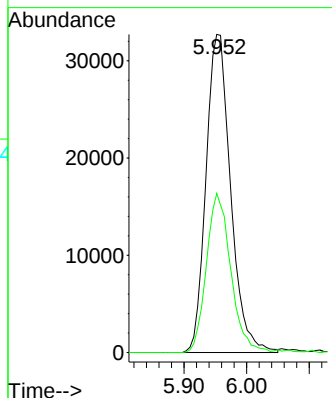
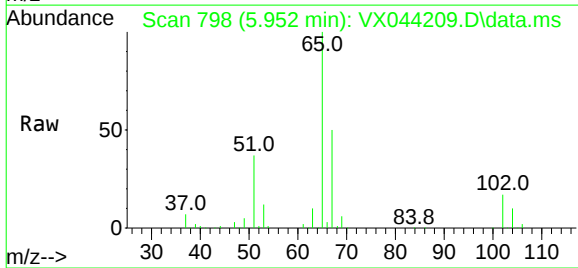




#33
1,2-Dichloroethane-d4
Concen: 51.083 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044209.D
Acq: 10 Dec 2024 15:36

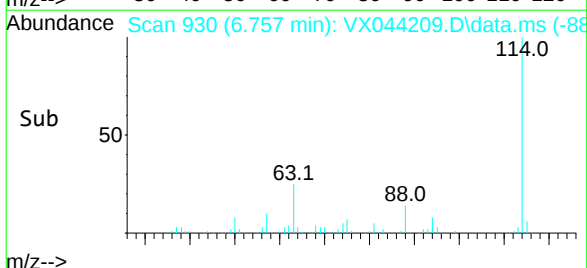
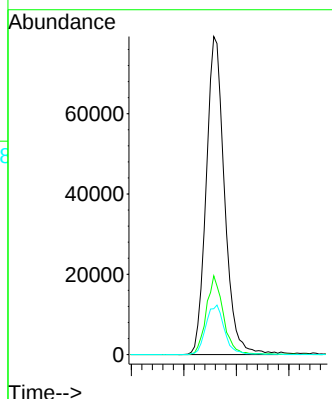
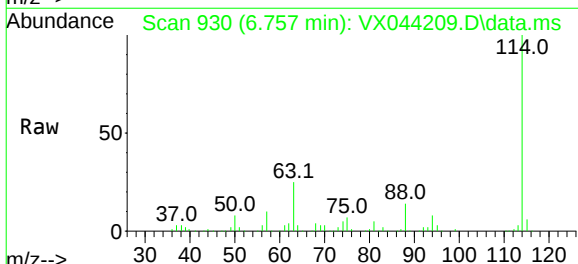
Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

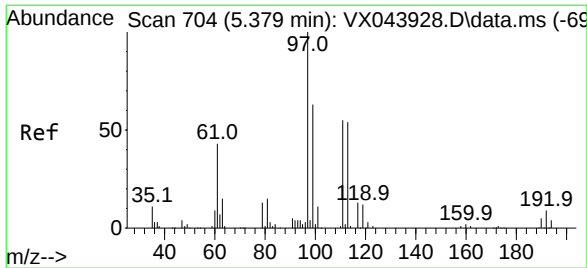
Tgt Ion: 65 Resp: 89316
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044209.D
Acq: 10 Dec 2024 15:36

Tgt Ion: 114 Resp: 191900
Ion Ratio Lower Upper
114 100
63 24.8 0.0 44.0
88 14.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.335 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX044209.D

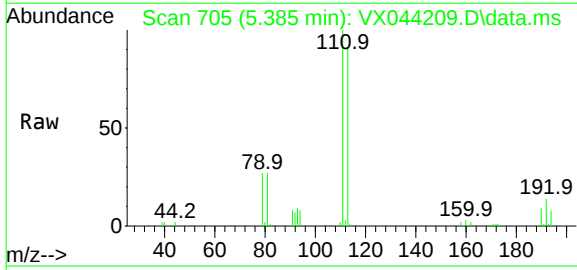
Acq: 10 Dec 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

GAS-AUD-1610-1611-1612



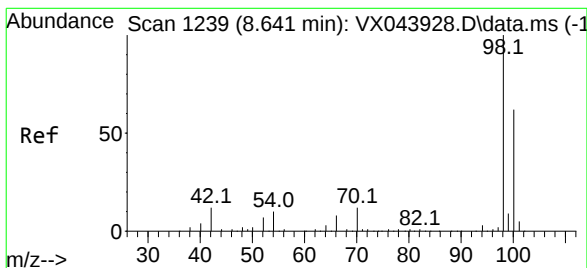
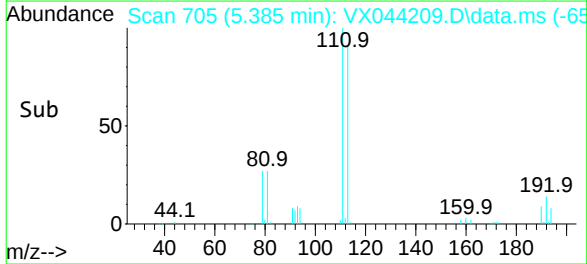
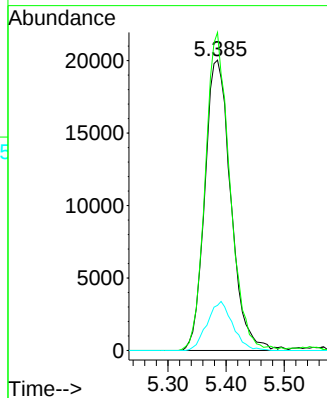
Tgt Ion:113 Resp: 62165

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.4

192 16.6 13.0 19.6



#50

Toluene-d8

Concen: 49.637 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044209.D

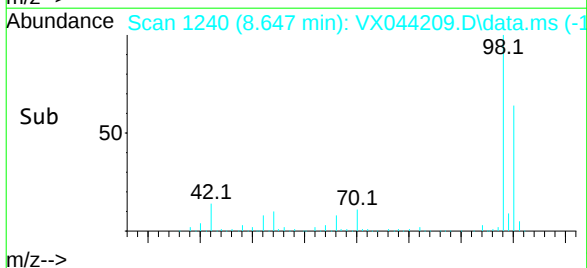
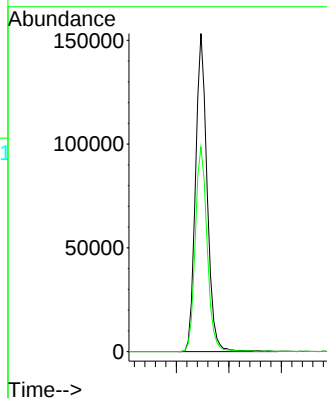
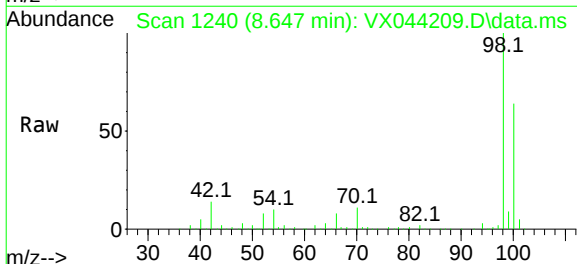
Acq: 10 Dec 2024 15:36

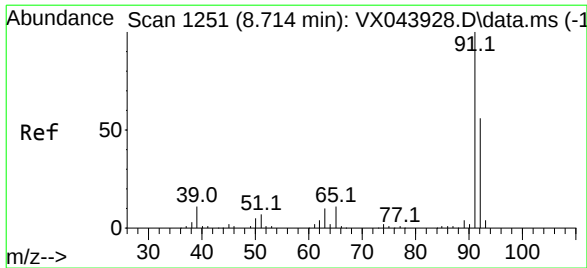
Tgt Ion: 98 Resp: 234620

Ion Ratio Lower Upper

98 100

100 66.0 52.6 79.0





#52

Toluene

Concen: 6.315 ug/l

RT: 8.720 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044209.D

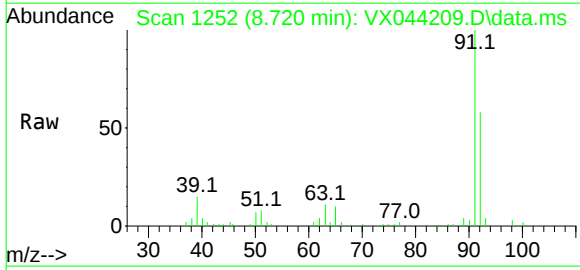
Acq: 10 Dec 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

GAS-AUD-1610-1611-1612

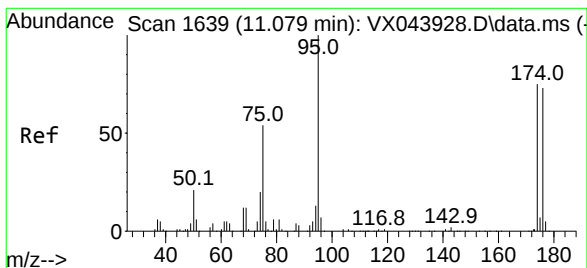
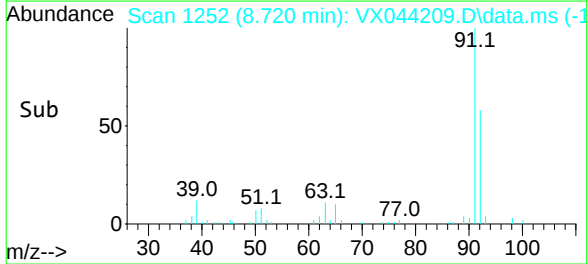
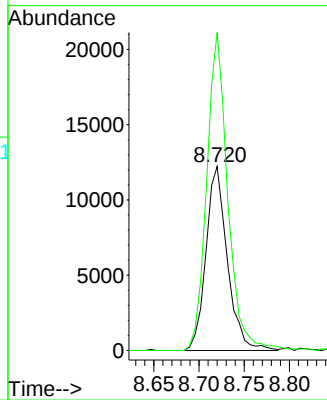


Tgt Ion: 92 Resp: 20119

Ion Ratio Lower Upper

92 100

91 170.8 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.380 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044209.D

Acq: 10 Dec 2024 15:36

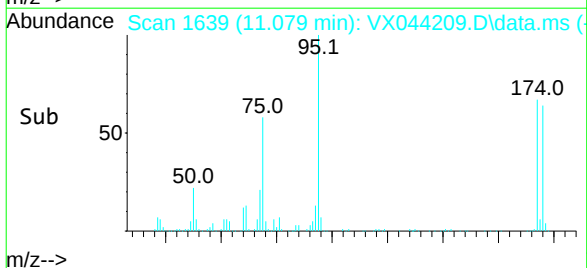
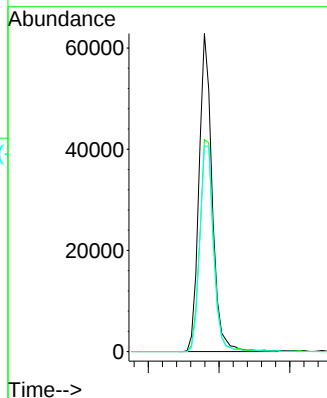
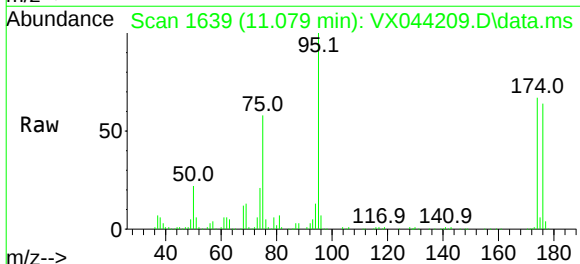
Tgt Ion: 95 Resp: 81043

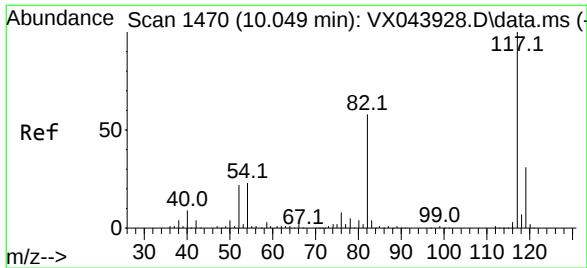
Ion Ratio Lower Upper

95 100

174 70.5 0.0 150.4

176 67.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044209.D

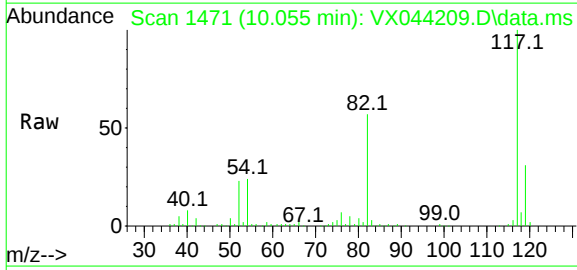
Acq: 10 Dec 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

GAS-AUD-1610-1611-1612



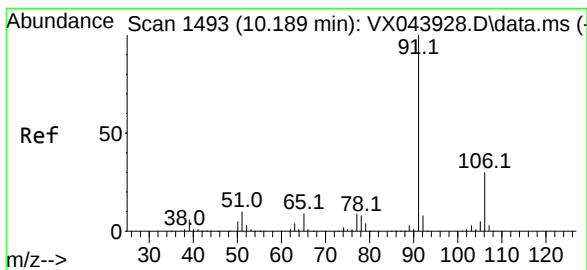
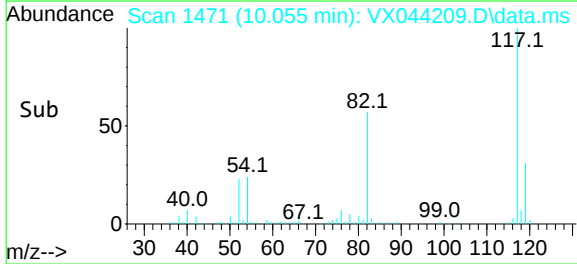
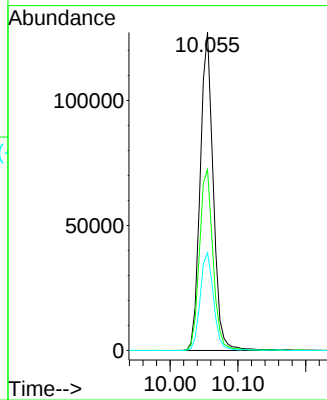
Tgt Ion:117 Resp: 169919

Ion Ratio Lower Upper

117 100

82 56.9 46.4 69.6

119 30.7 24.6 37.0



#67

Ethyl Benzene

Concen: 0.724 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044209.D

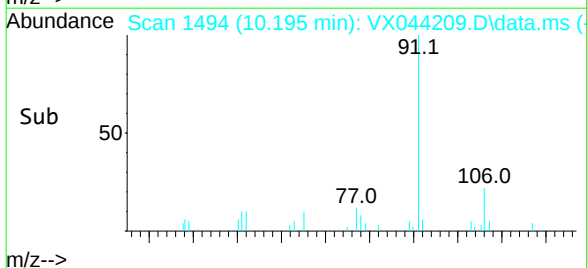
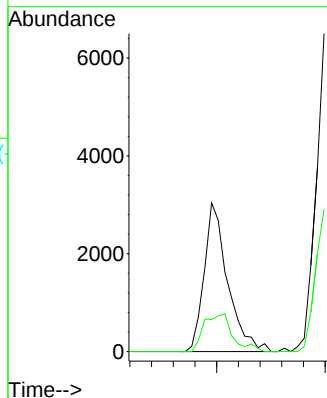
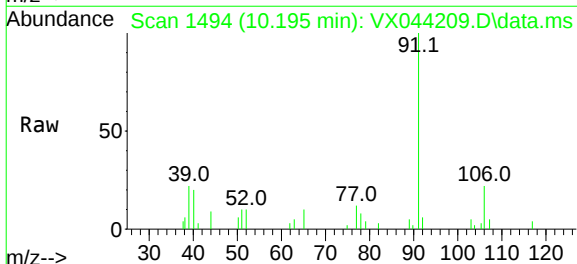
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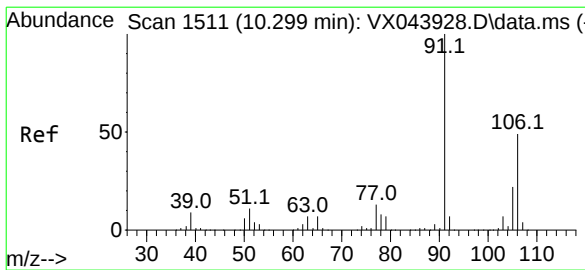
Tgt Ion: 91 Resp: 4577

Ion Ratio Lower Upper

91 100

106 21.5 23.6 35.4#





#68

m/p-Xylenes

Concen: 2.153 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX044209.D

Acq: 10 Dec 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

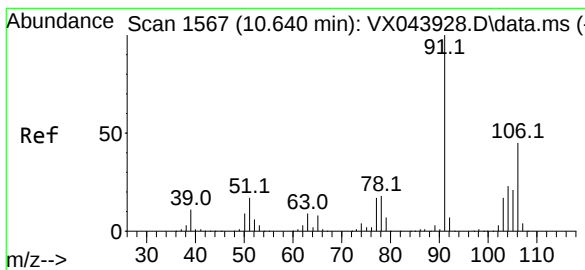
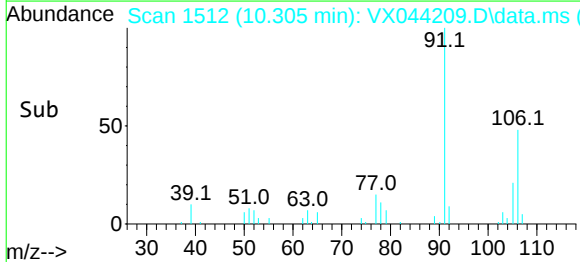
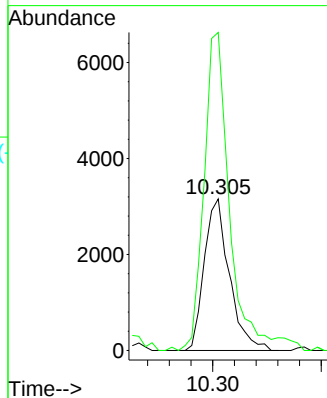
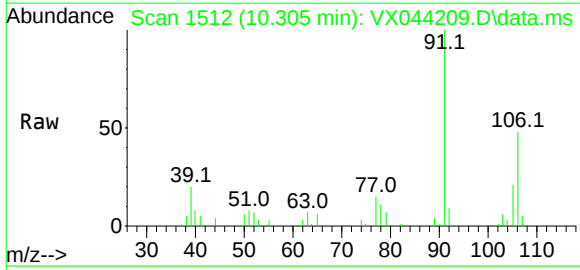
GAS-AUD-1610-1611-1612

Tgt Ion:106 Resp: 5078

Ion Ratio Lower Upper

106 100

91 215.0 168.1 252.1



#69

o-Xylene

Concen: 1.514 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044209.D

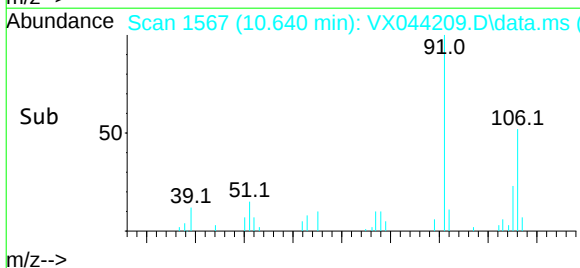
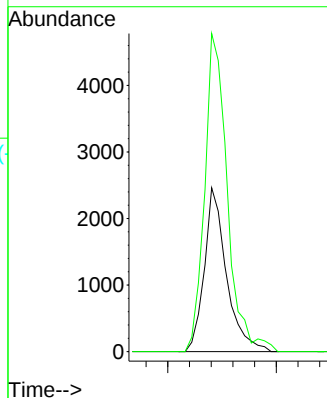
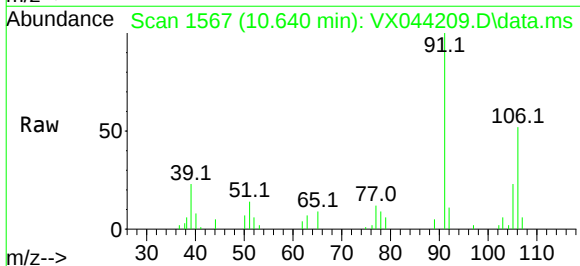
Acq: 10 Dec 2024 15:36

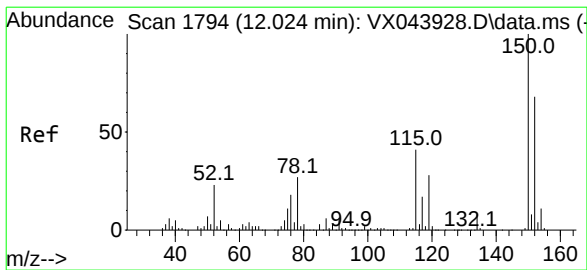
Tgt Ion:106 Resp: 3487

Ion Ratio Lower Upper

106 100

91 198.7 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044209.D

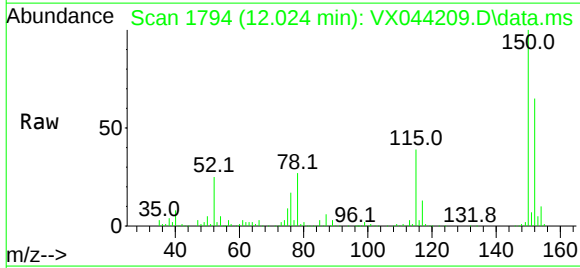
Acq: 10 Dec 2024 15:36

Instrument :

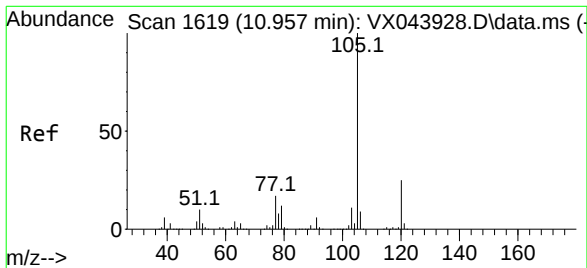
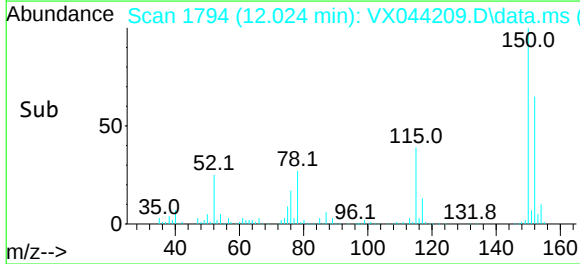
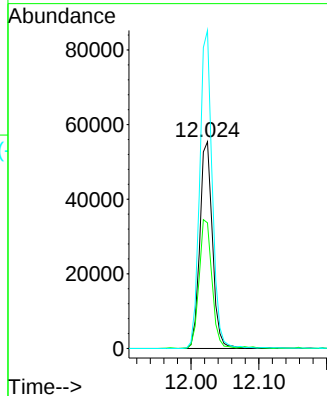
MSVOA_X

ClientSampleId :

GAS-AUD-1610-1611-1612



Tgt Ion:	152	Resp:	71856
Ion	Ratio	Lower	Upper
152	100		
115	63.4	45.4	136.2
150	152.2	0.0	353.0



#73

Isopropylbenzene

Concen: 0.305 ug/l

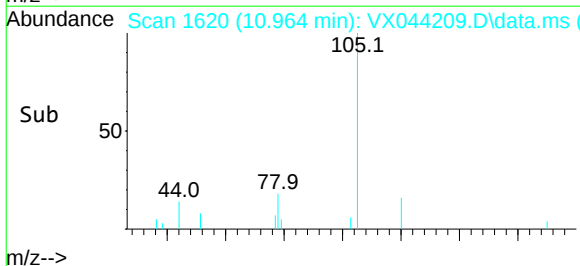
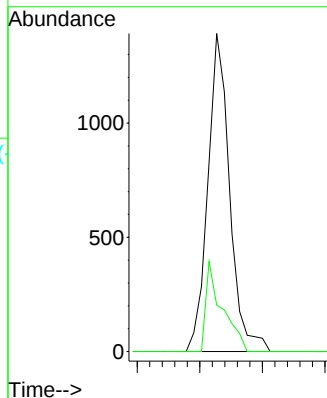
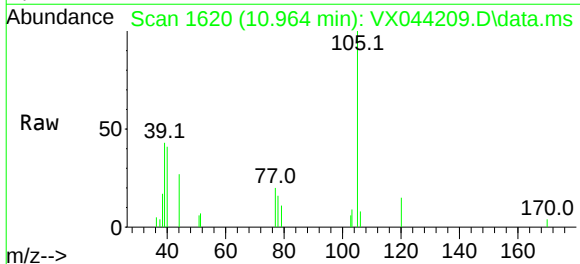
RT: 10.964 min Scan# 1620

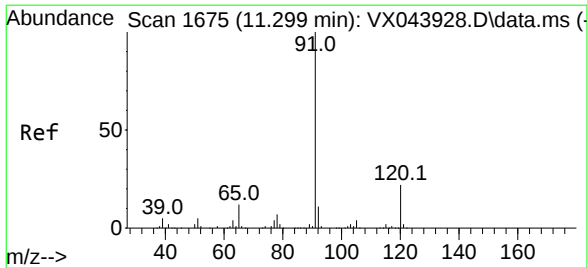
Delta R.T. 0.006 min

Lab File: VX044209.D

Acq: 10 Dec 2024 15:36

Tgt Ion:	105	Resp:	1686
Ion	Ratio	Lower	Upper
105	100		
120	21.2	13.0	38.9





#78

n-propylbenzene

Concen: 0.562 ug/l

RT: 11.311 min Scan# 1675

Delta R.T. 0.012 min

Lab File: VX044209.D

Acq: 10 Dec 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

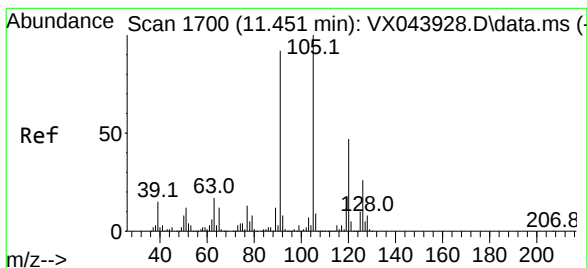
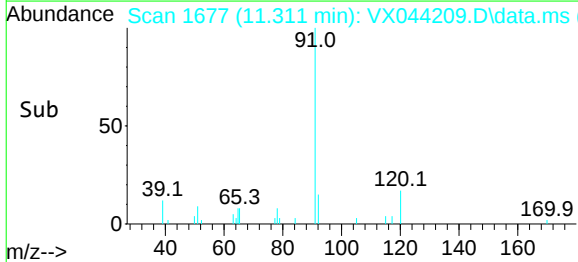
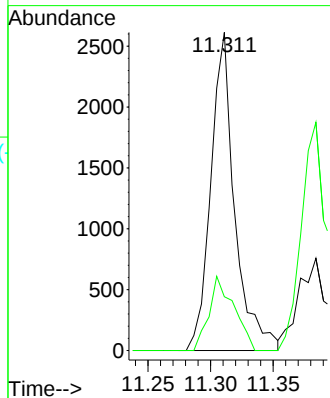
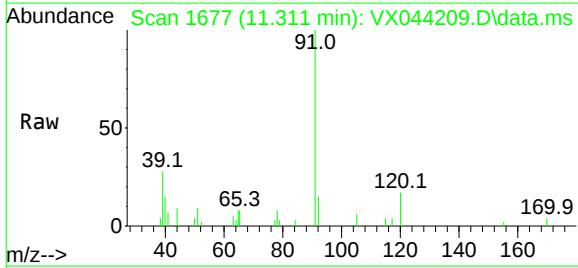
GAS-AUD-1610-1611-1612

Tgt Ion: 91 Resp: 3470

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.821 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044209.D

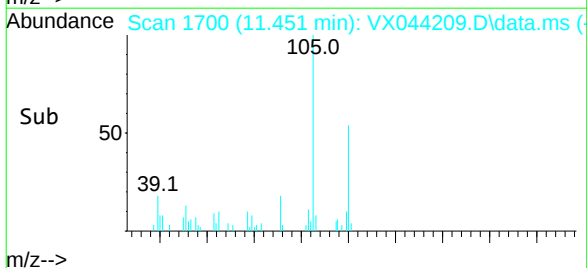
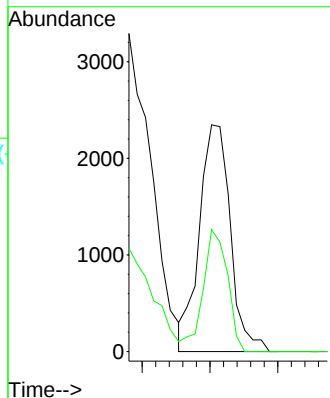
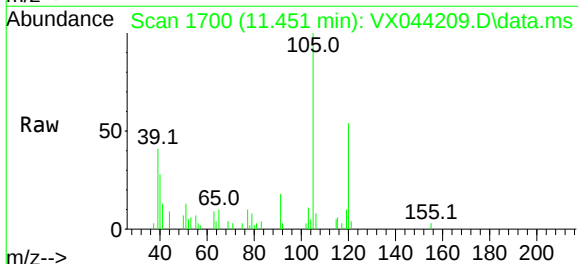
Acq: 10 Dec 2024 15:36

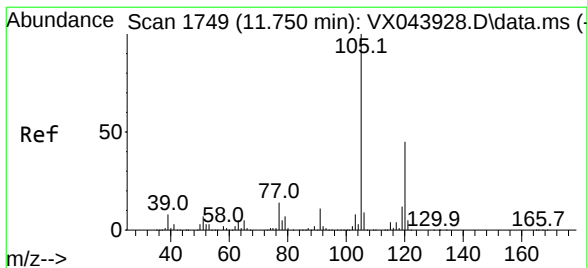
Tgt Ion: 105 Resp: 3733

Ion Ratio Lower Upper

105 100

120 42.4 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 2.762 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044209.D

Acq: 10 Dec 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

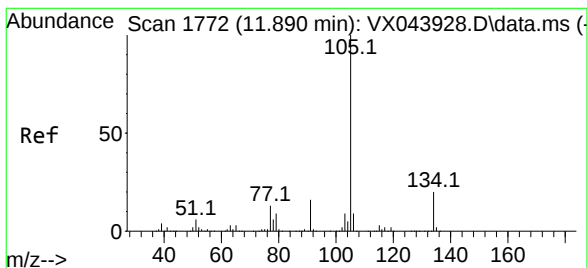
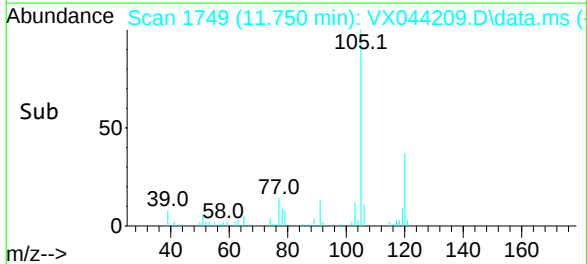
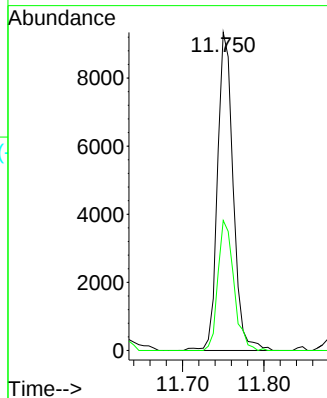
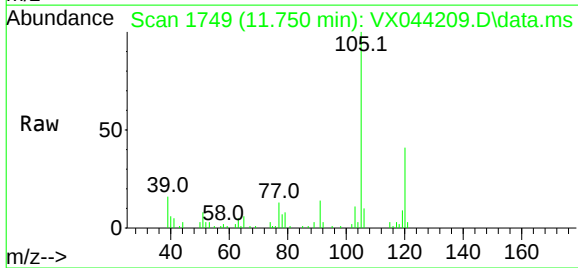
GAS-AUD-1610-1611-1612

Tgt Ion:105 Resp: 12498

Ion Ratio Lower Upper

105 100

120 41.6 21.9 65.7



#85

sec-Butylbenzene

Concen: 0.256 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044209.D

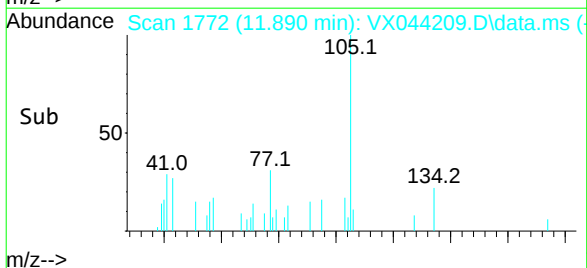
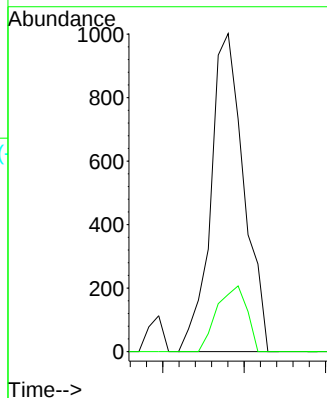
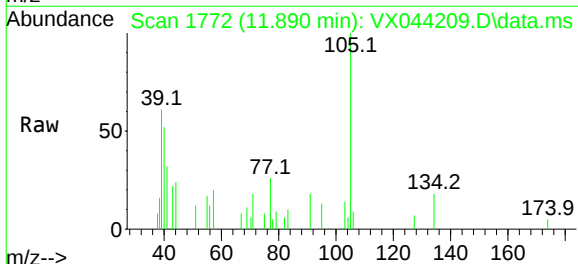
Acq: 10 Dec 2024 15:36

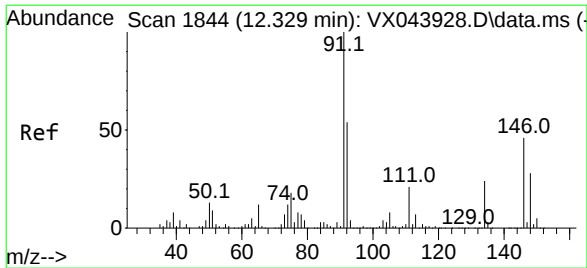
Tgt Ion:105 Resp: 1415

Ion Ratio Lower Upper

105 100

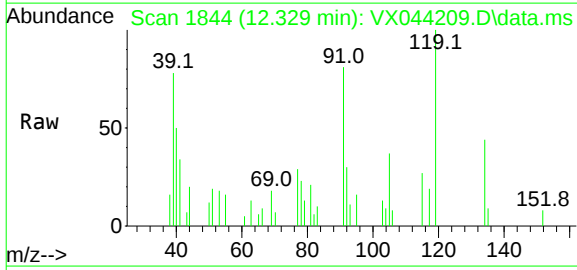
134 18.7 9.7 29.1





#89
 n-Butylbenzene
 Concen: 0.423 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX044209.D
 Acq: 10 Dec 2024 15:36

Instrument : MSVOA_X
 ClientSampleId : GAS-AUD-1610-1611-1612



Tgt Ion: 91	Resp: 1672
Ion Ratio	Lower Upper
91	100
92	26.6 26.6 79.8#
134	82.1 12.4 37.2#

