

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039609.D
 Acq On : 03 Jan 2024 17:52
 Operator : JC/MD
 Sample : P1002-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1211DL

Quant Time: Jan 04 06:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

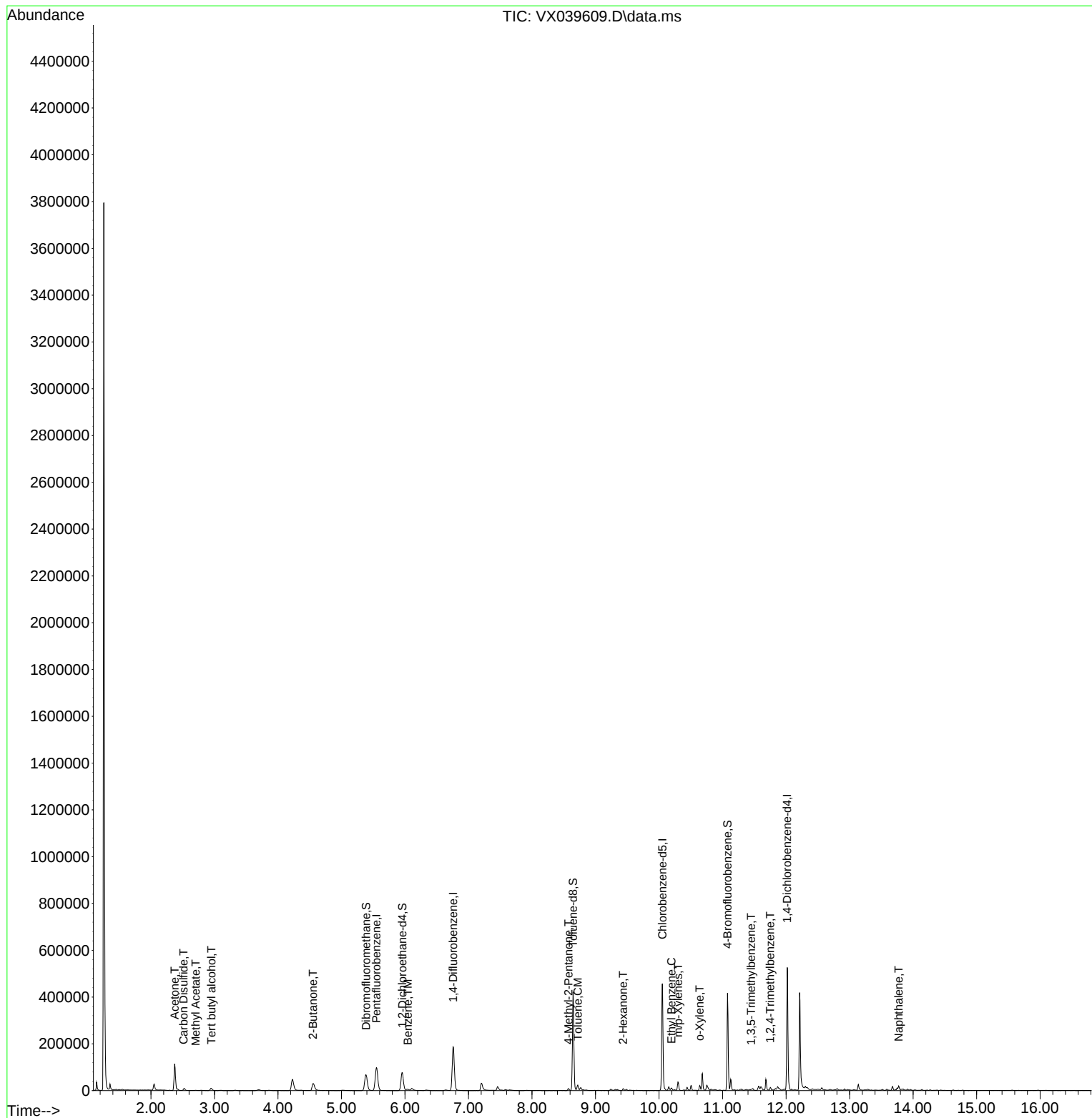
Internal Standards						
1) Pentafluorobenzene	5.550	168	86372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75810	47.912	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.820%
35) Dibromofluoromethane	5.385	113	60438	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	237575	49.853	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	110141	56.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	9952	25.047	ug/l	98
16) Acetone	2.373	43	115924	113.169	ug/l	94
17) Carbon Disulfide	2.514	76	2440	0.751	ug/l	97
18) Methyl Acetate	2.703	43	1730	0.505	ug/l #	72
25) 2-Butanone	4.550	43	51910	38.019	ug/l	94
40) Benzene	6.043	78	6561	1.145	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	5923	2.284	ug/l	96
52) Toluene	8.720	92	7596	2.196	ug/l	92
59) 2-Hexanone	9.433	43	5531	2.472	ug/l	98
67) Ethyl Benzene	10.195	91	5468	0.672	ug/l	99
68) m/p-Xylenes	10.299	106	8144	2.792	ug/l	91
69) o-Xylene	10.640	106	4540	1.610	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1560	0.241	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	4720	0.711	ug/l	92
95) Naphthalene	13.774	128	9167	1.273	ug/l	97

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

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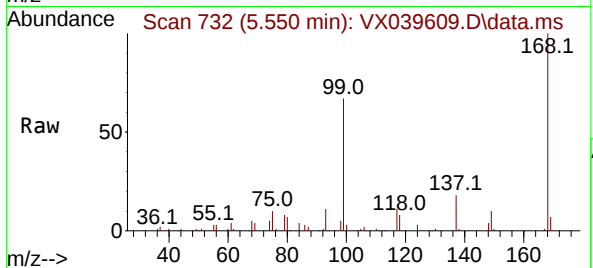
Quant Time: Jan 04 06:25:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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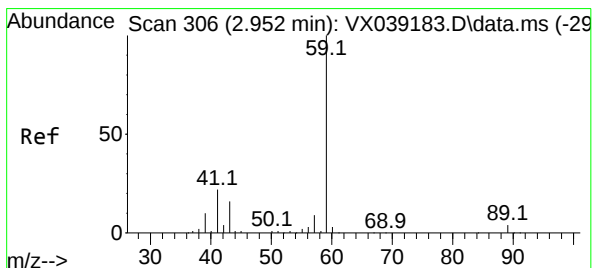
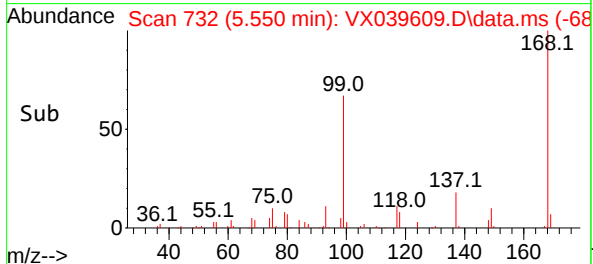
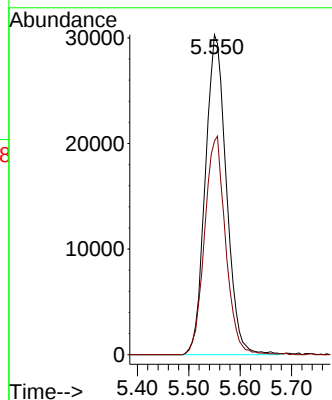


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
1211DL

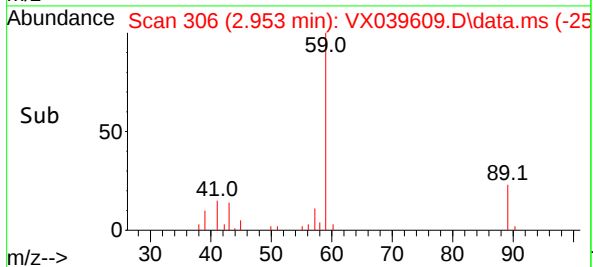
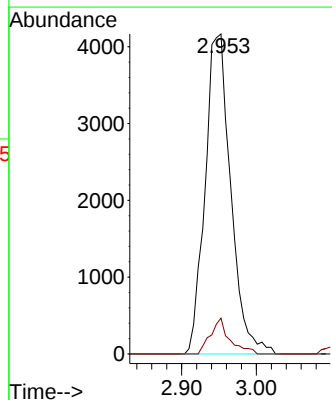
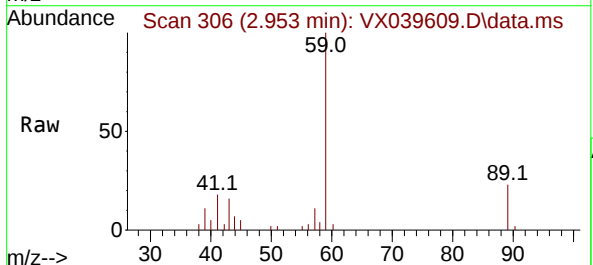


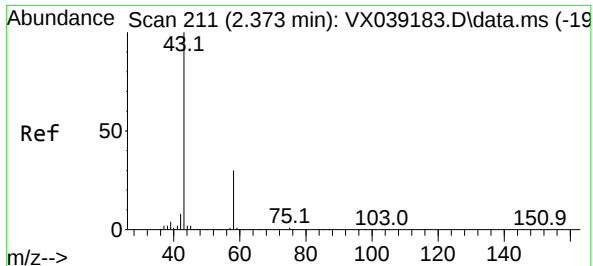
Tgt Ion:168 Resp: 86372
Ion Ratio Lower Upper
168 100
99 66.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 25.047 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Tgt Ion: 59 Resp: 9952
Ion Ratio Lower Upper
59 100
57 8.3 6.0 9.0

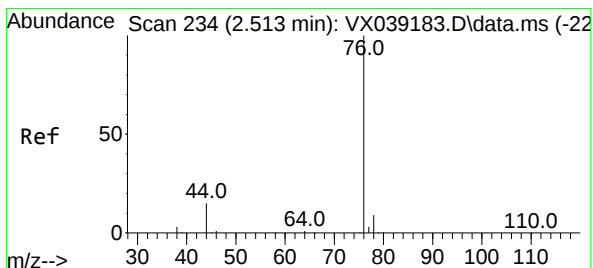
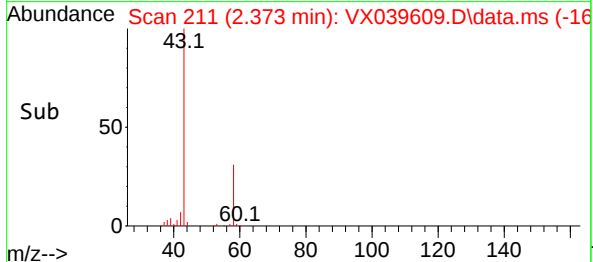
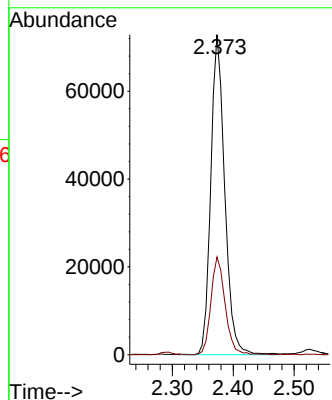
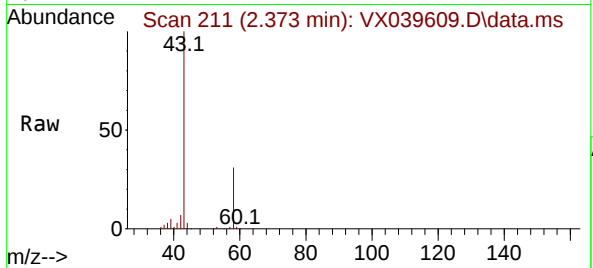




#16
Acetone
Concen: 113.169 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

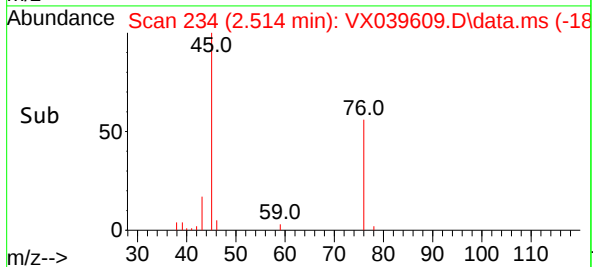
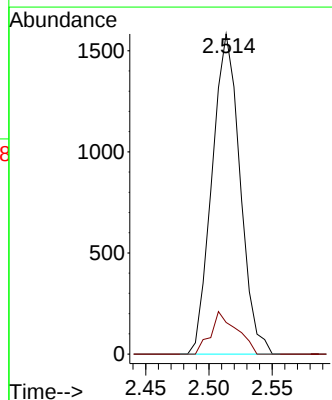
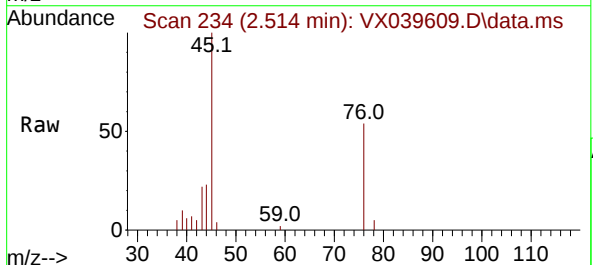
Instrument :
MSVOA_X
ClientSampleId :
1211DL

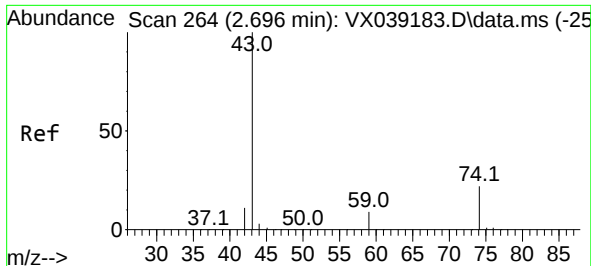
Tgt Ion: 43 Resp: 115924
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.751 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Tgt Ion: 76 Resp: 2440
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

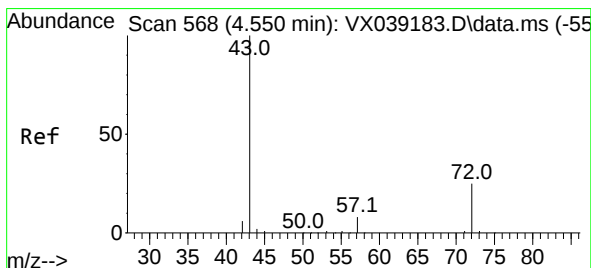
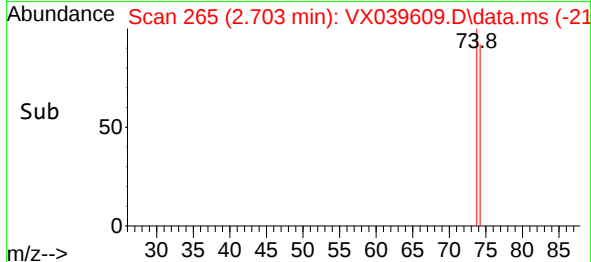
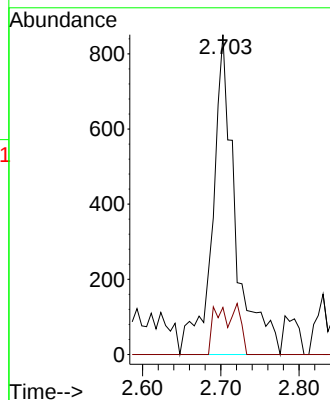
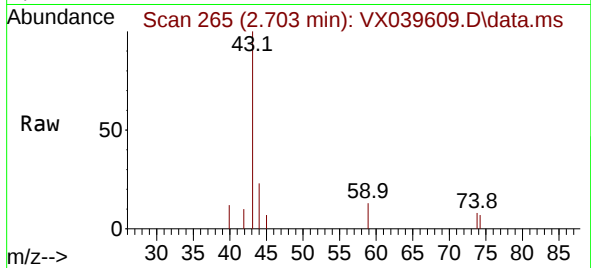




#18
Methyl Acetate
Concen: 0.505 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

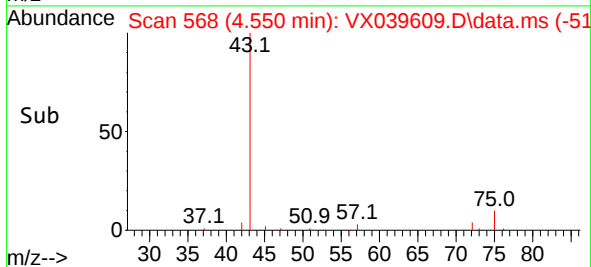
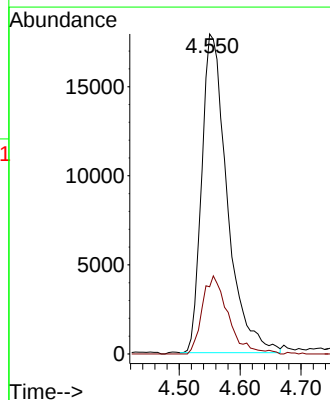
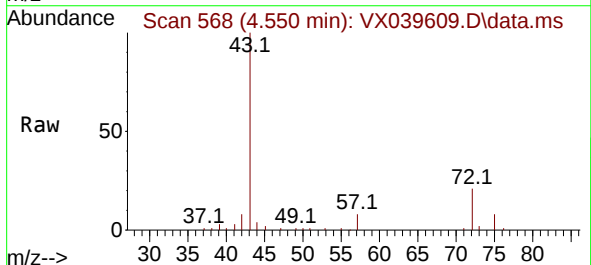
Instrument :
MSVOA_X
ClientSampleId :
1211DL

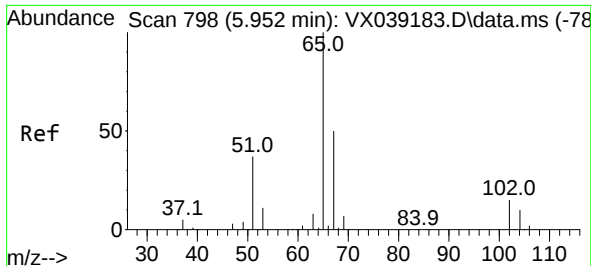
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
74 8.9 17.8 26.8#



#25
2-Butanone
Concen: 38.019 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Tgt Ion: 43 Resp: 51910
Ion Ratio Lower Upper
43 100
72 21.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 47.912 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039609.D

Acq: 03 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

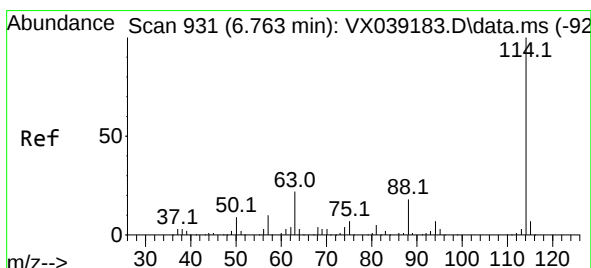
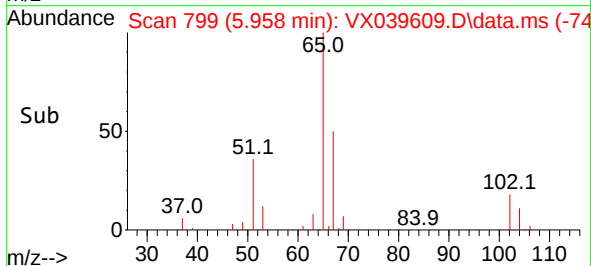
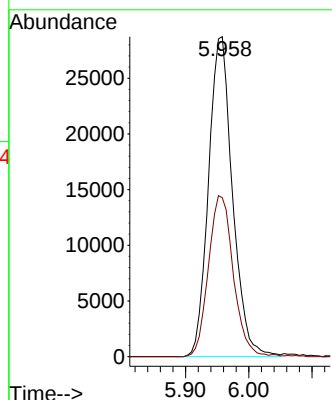
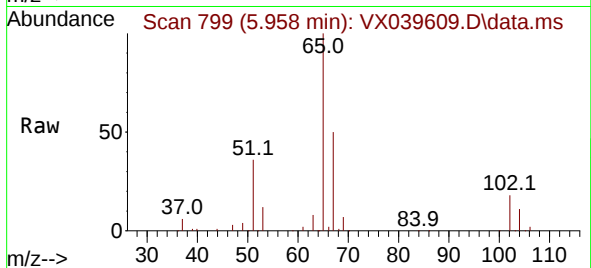
1211DL

Tgt Ion: 65 Resp: 75810

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039609.D

Acq: 03 Jan 2024 17:52

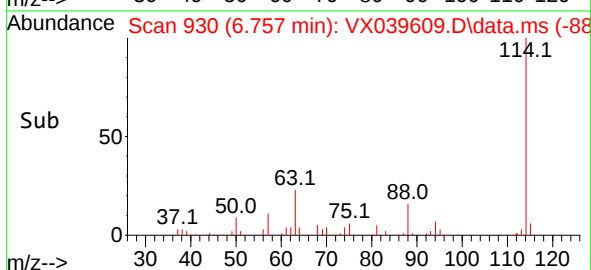
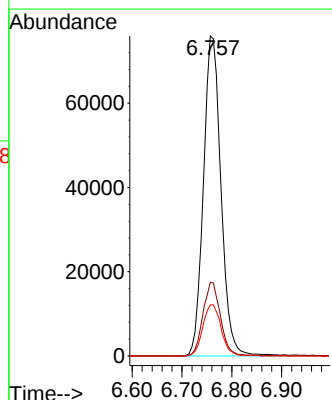
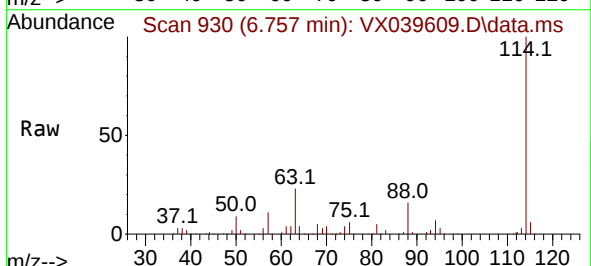
Tgt Ion: 114 Resp: 185804

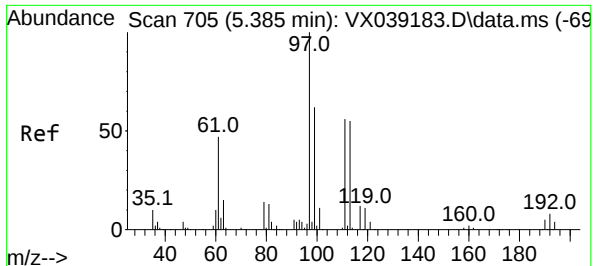
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.084 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039609.D

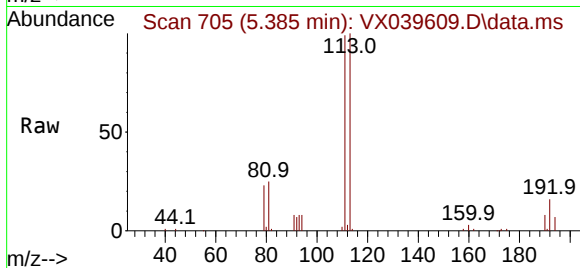
Acq: 03 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

1211DL



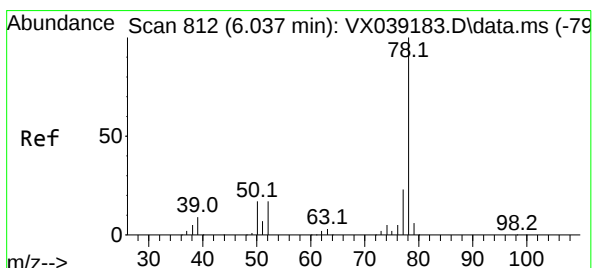
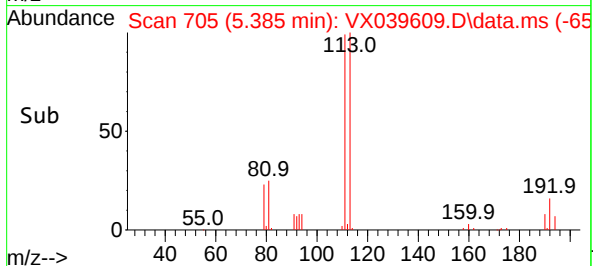
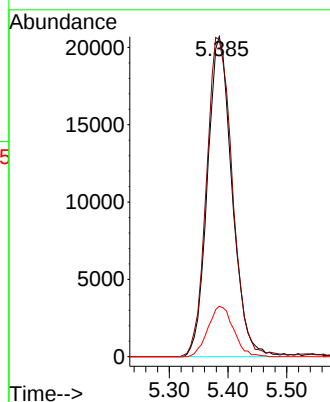
Tgt Ion:113 Resp: 60438

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

192 16.3 13.3 19.9



#40

Benzene

Concen: 1.145 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX039609.D

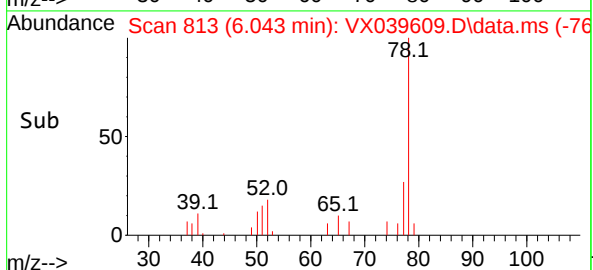
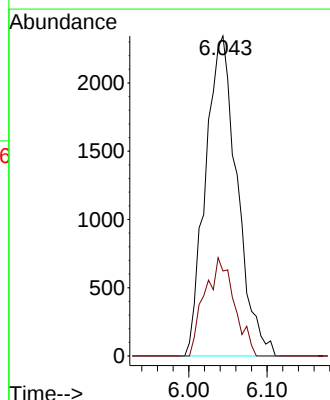
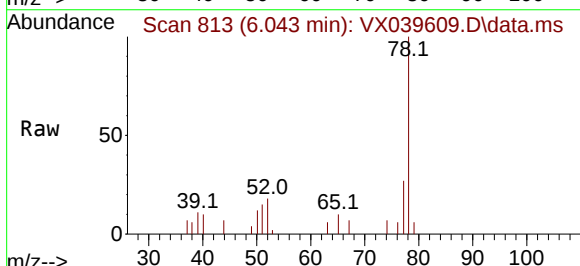
Acq: 03 Jan 2024 17:52

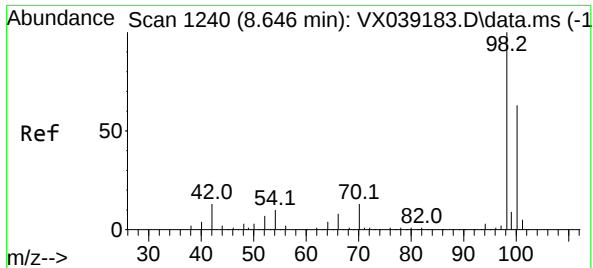
Tgt Ion: 78 Resp: 6561

Ion Ratio Lower Upper

78 100

77 26.6 19.3 28.9

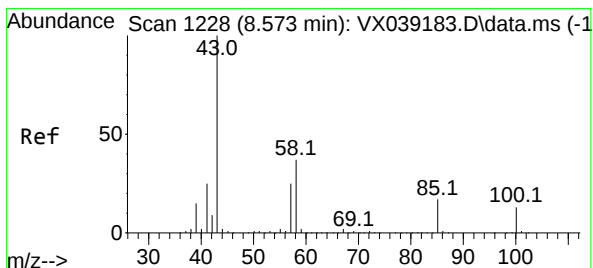
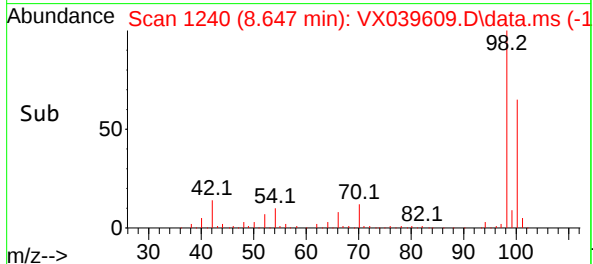
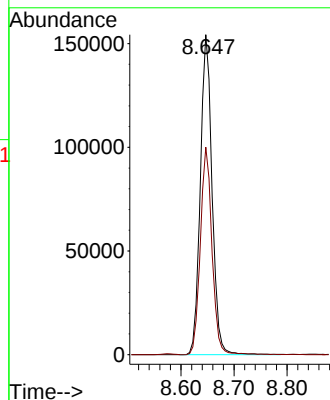
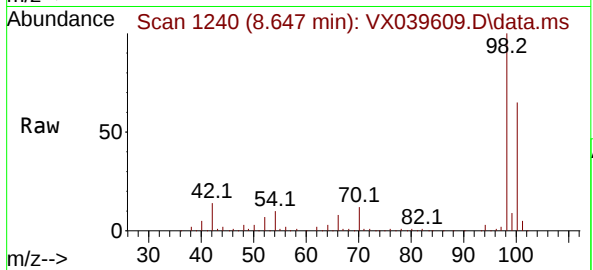




#50
Toluene-d8
Concen: 49.853 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

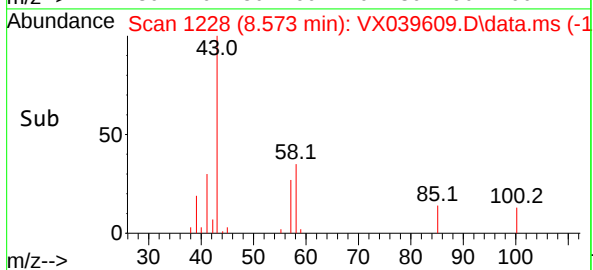
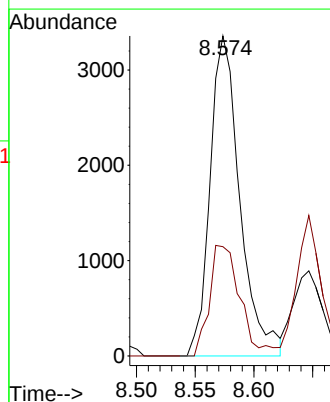
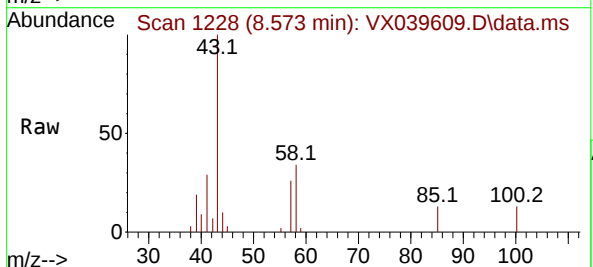
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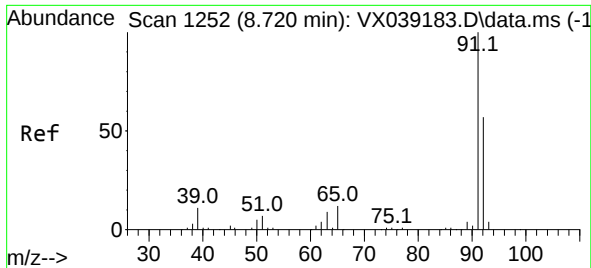
Tgt Ion: 98 Resp: 237575
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.284 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Tgt Ion: 43 Resp: 5923
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

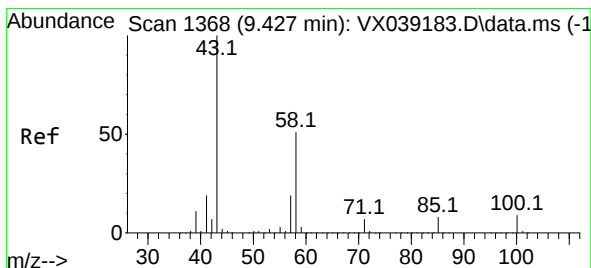
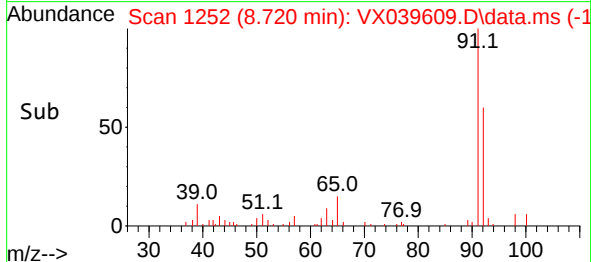
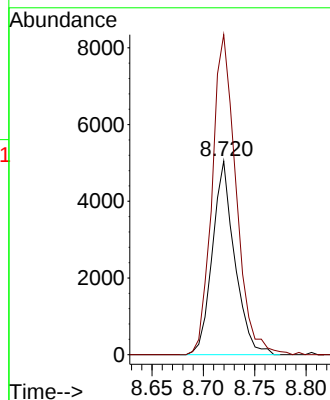
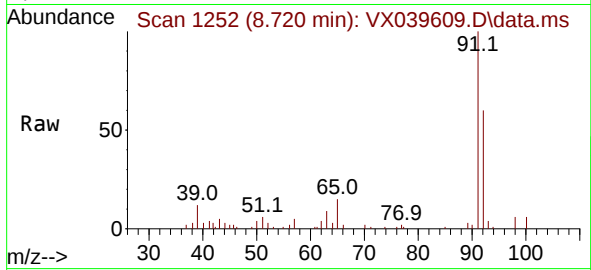




#52
Toluene
Concen: 2.196 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

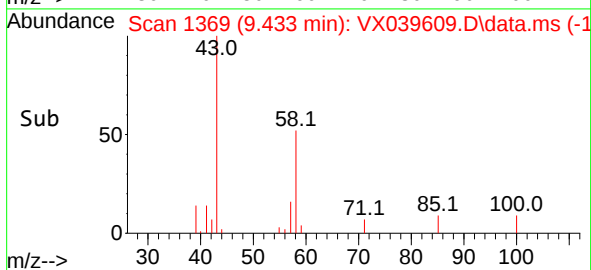
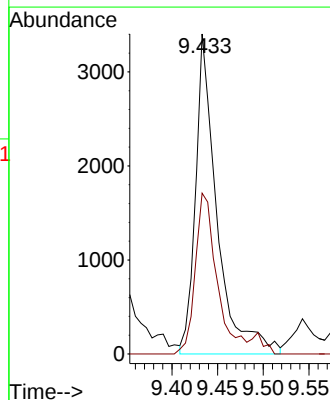
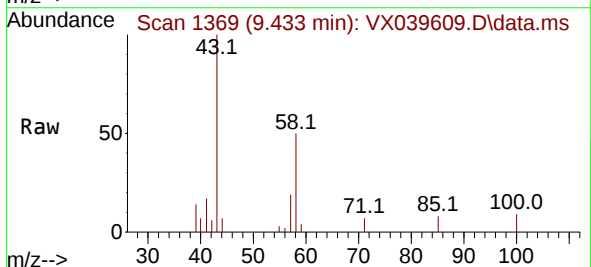
Instrument :
MSVOA_X
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1211DL

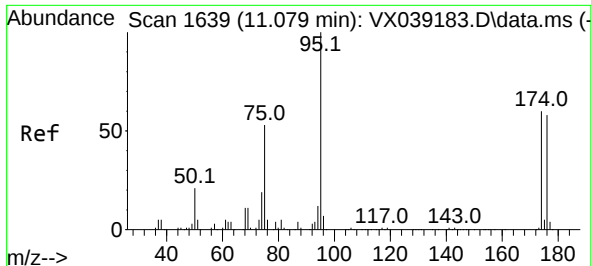
Tgt Ion: 92 Resp: 7596
Ion Ratio Lower Upper
92 100
91 178.0 134.2 201.2



#59
2-Hexanone
Concen: 2.472 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Tgt Ion: 43 Resp: 5531
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 56.017 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039609.D

Acq: 03 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

1211DL

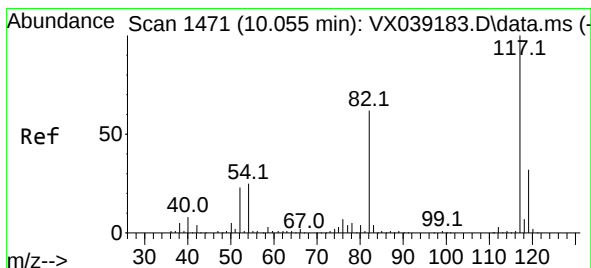
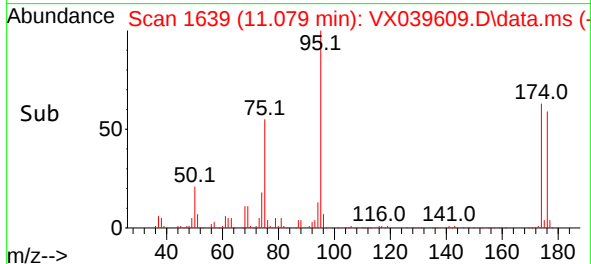
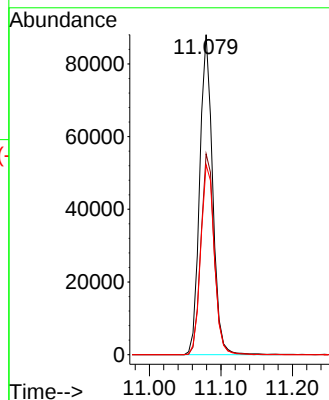
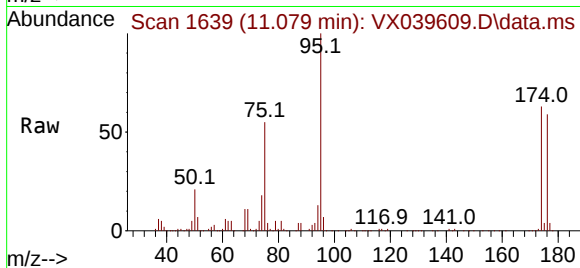
Tgt Ion: 95 Resp: 110141

Ion Ratio Lower Upper

95 100

174 64.8 0.0 135.6

176 62.4 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: VX039609.D

Acq: 03 Jan 2024 17:52

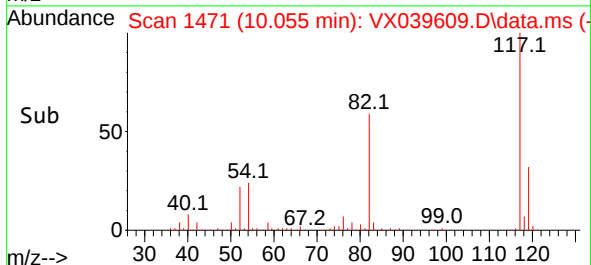
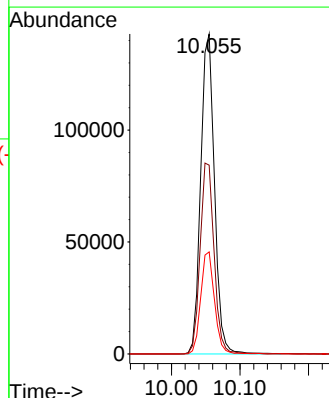
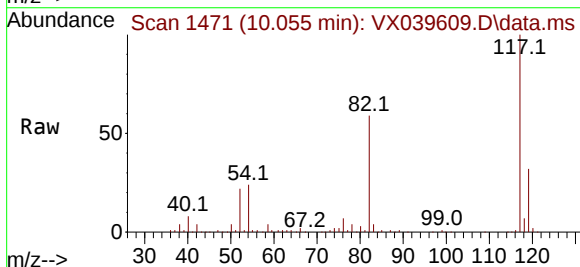
Tgt Ion: 117 Resp: 200228

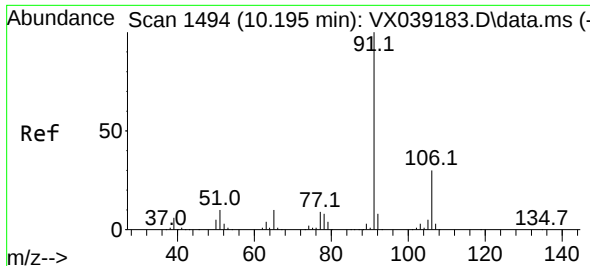
Ion Ratio Lower Upper

117 100

82 59.0 46.2 69.4

119 31.9 25.5 38.3





#67

Ethyl Benzene

Concen: 0.672 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039609.D

Acq: 03 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

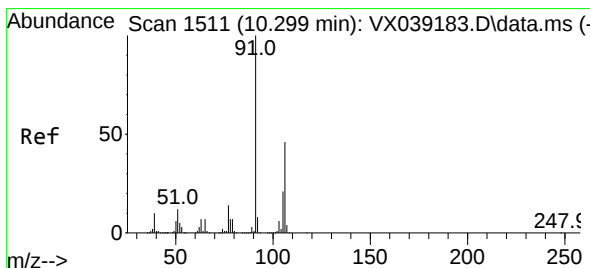
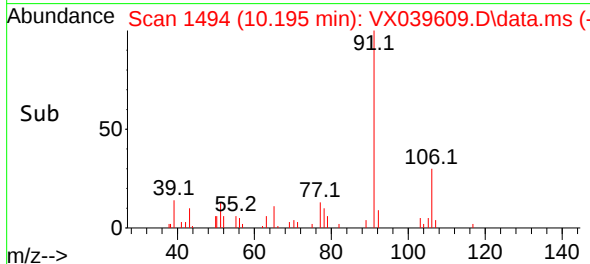
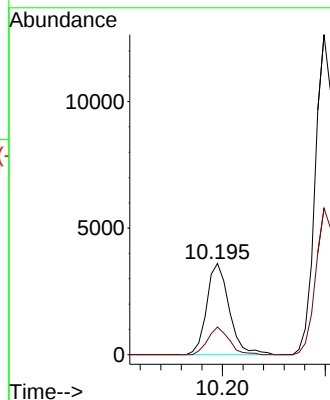
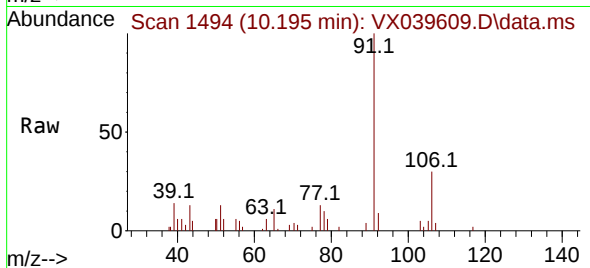
1211DL

Tgt Ion: 91 Resp: 5468

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 2.792 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039609.D

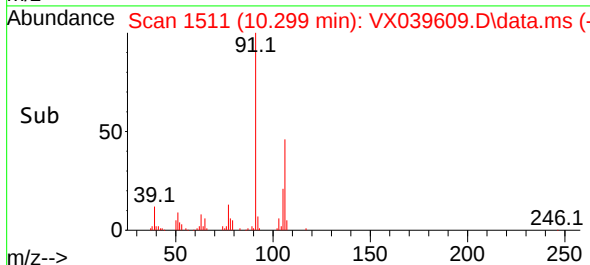
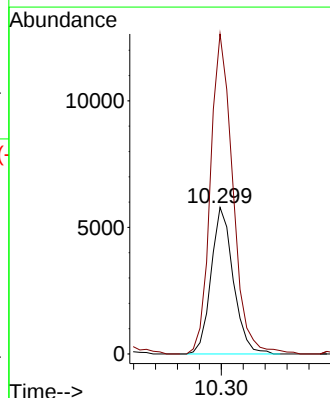
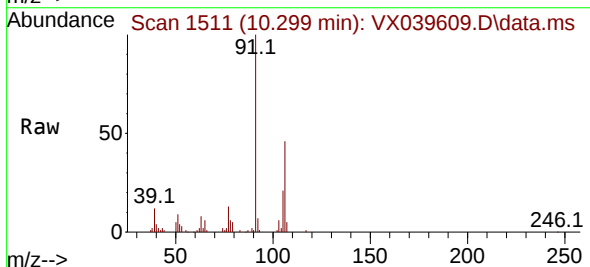
Acq: 03 Jan 2024 17:52

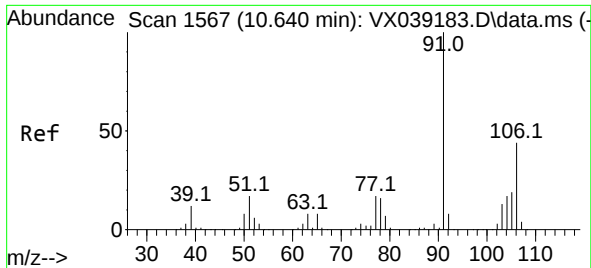
Tgt Ion:106 Resp: 8144

Ion Ratio Lower Upper

106 100

91 220.6 165.5 248.3

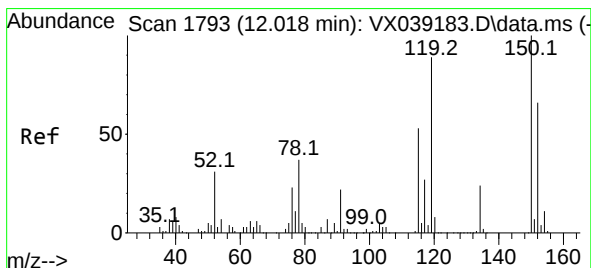
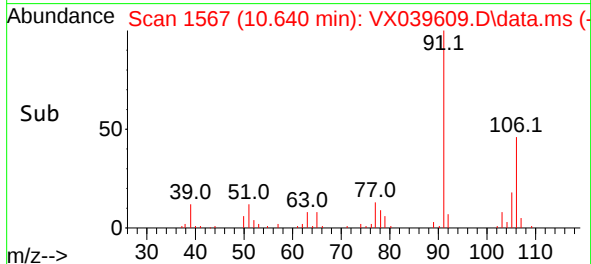
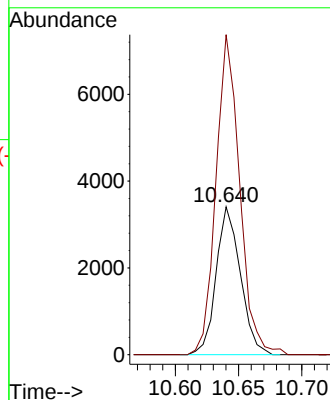
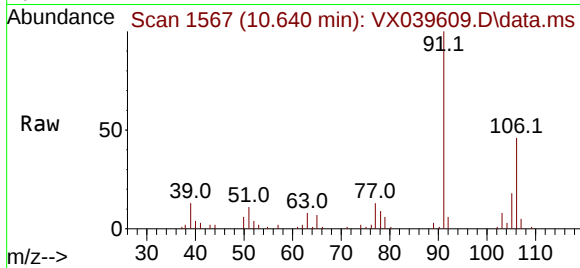




#69
o-Xylene
Concen: 1.610 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

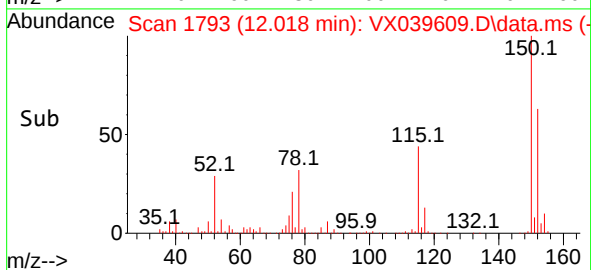
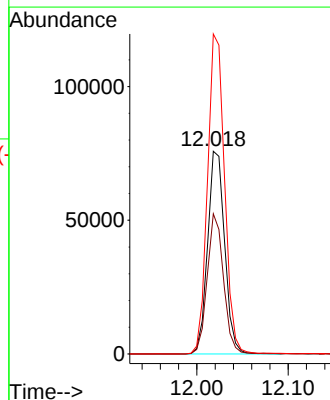
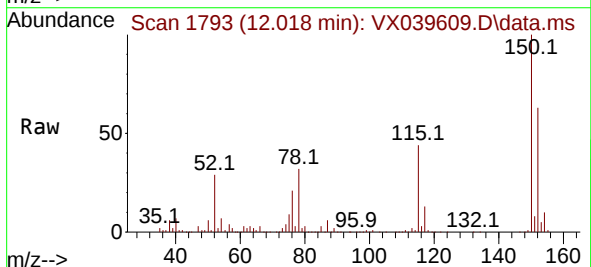
Instrument :
MSVOA_X
ClientSampleId :
1211DL

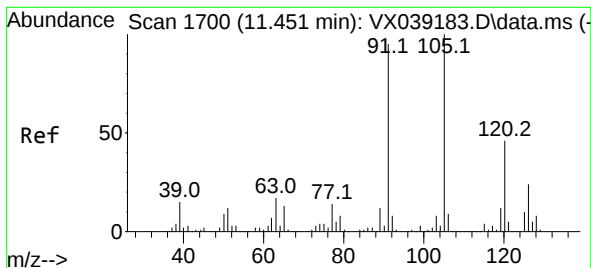
Tgt Ion:106 Resp: 4540
Ion Ratio Lower Upper
106 100
91 211.5 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039609.D
Acq: 03 Jan 2024 17:52

Tgt Ion:152 Resp: 98429
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 157.8 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.241 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039609.D

Acq: 03 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

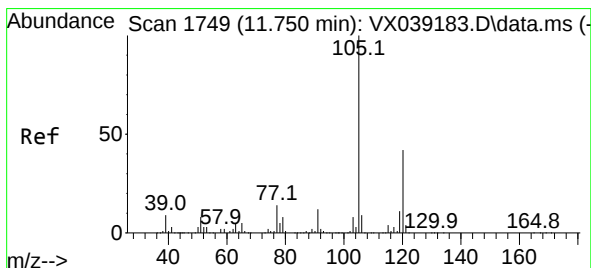
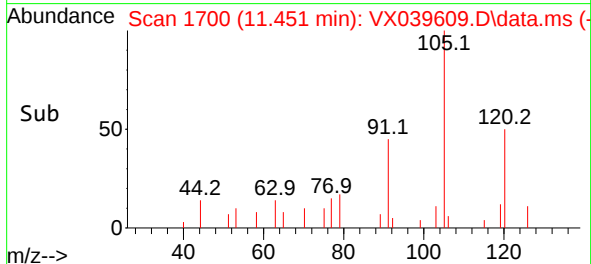
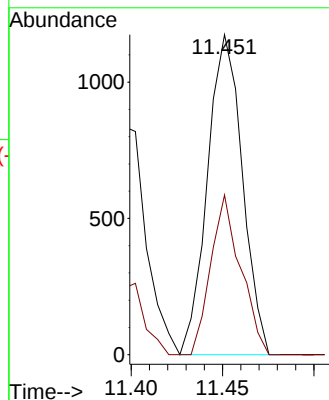
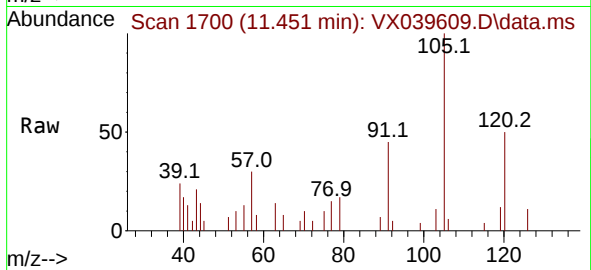
1211DL

Tgt Ion:105 Resp: 1560

Ion Ratio Lower Upper

105 100

120 42.9 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 0.711 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039609.D

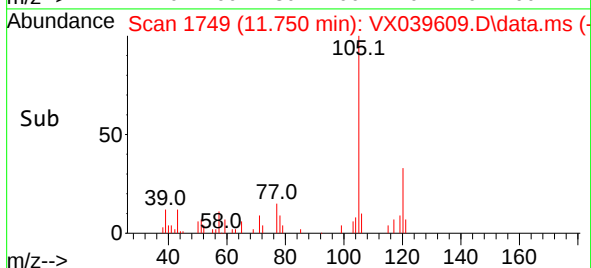
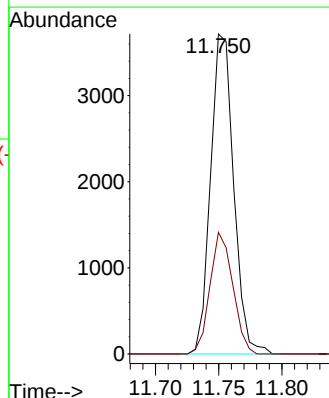
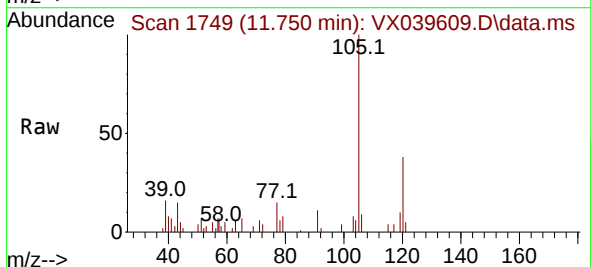
Acq: 03 Jan 2024 17:52

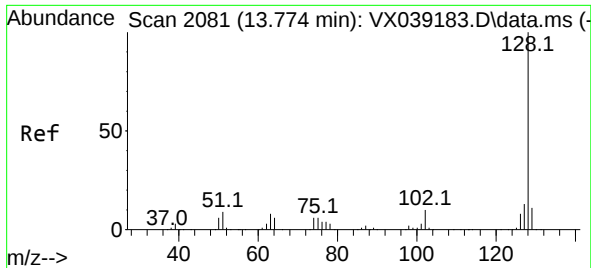
Tgt Ion:105 Resp: 4720

Ion Ratio Lower Upper

105 100

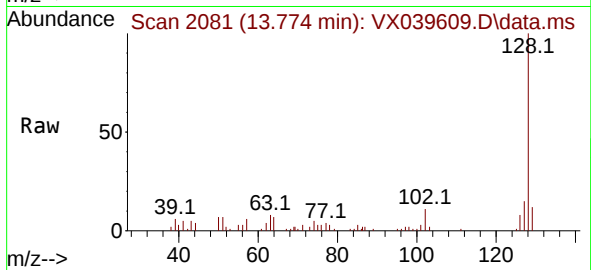
120 37.6 21.2 63.6





#95
 Naphthalene
 Concen: 1.273 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX039609.D
 Acq: 03 Jan 2024 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 1211DL



Tgt Ion:	128	Resp:	9167
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	11.6	8.8	13.2

