

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038122.D
 Acq On : 06 Oct 2023 11:51
 Operator : JC/MD
 Sample : 04720-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1041

Quant Time: Oct 07 04:17:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

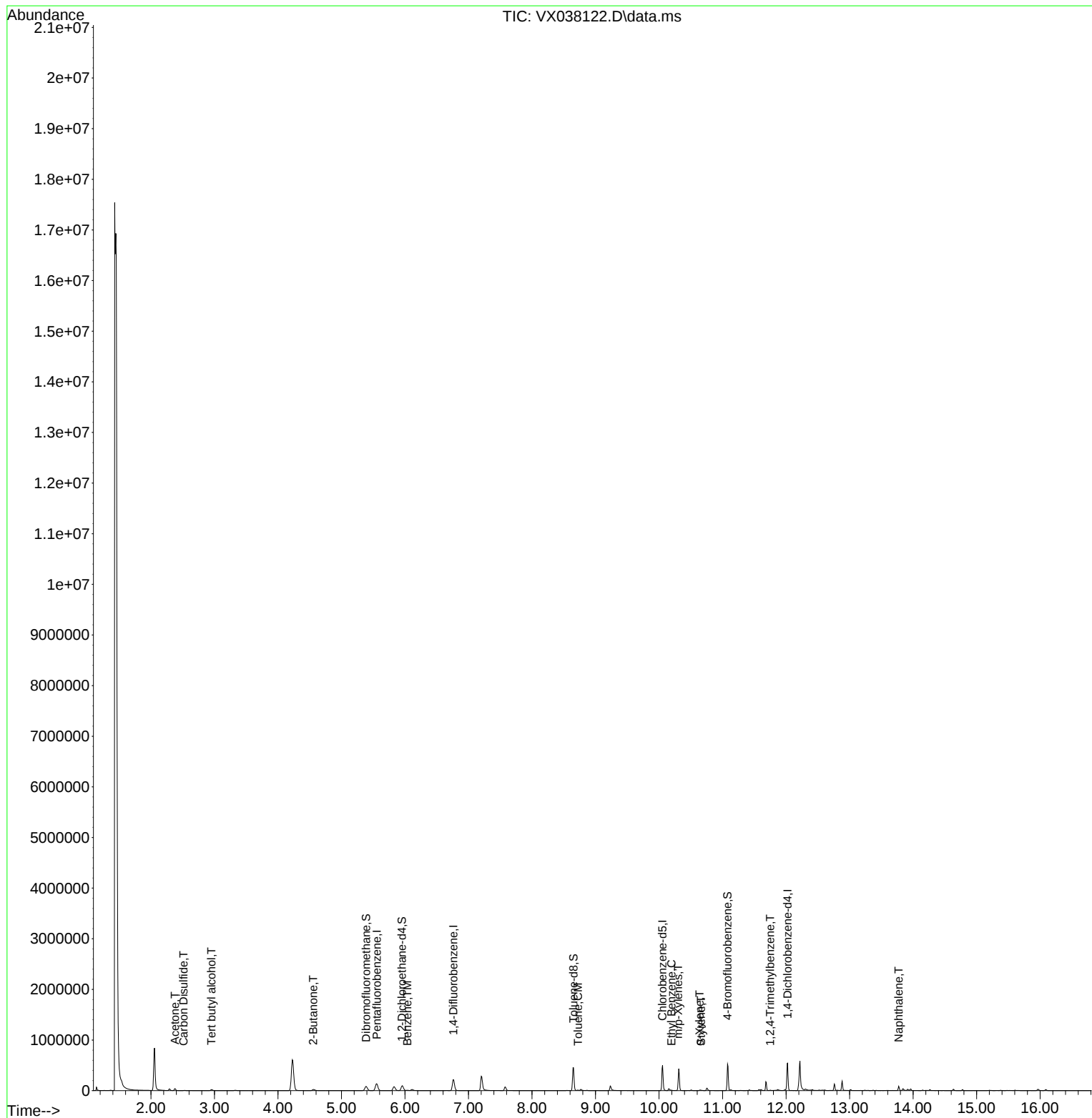
Internal Standards						
1) Pentafluorobenzene	5.556	168	128796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93051	44.917	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.840%
35) Dibromofluoromethane	5.385	113	72006	43.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	8.653	98	282809	45.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.260%#
62) 4-Bromofluorobenzene	11.079	95	108380	45.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	22426	39.711	ug/l #	92
16) Acetone	2.380	43	40147	46.435	ug/l	93
17) Carbon Disulfide	2.514	76	1535	0.452	ug/l #	91
25) 2-Butanone	4.556	43	40259	28.860	ug/l	95
40) Benzene	6.038	78	7855	1.242	ug/l	92
52) Toluene	8.726	92	3501	0.850	ug/l	94
67) Ethyl Benzene	10.195	91	2605	0.318	ug/l	94
68) m/p-Xylenes	10.299	106	3825	1.208	ug/l	93
69) o-Xylene	10.640	106	2052	0.664	ug/l	96
70) Styrene	10.659	104	2568	0.510	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	3475	0.537	ug/l	95
95) Naphthalene	13.774	128	48801	5.896	ug/l	99

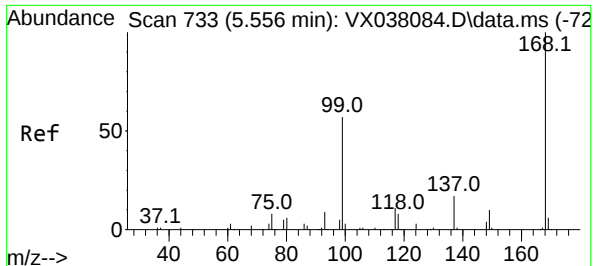
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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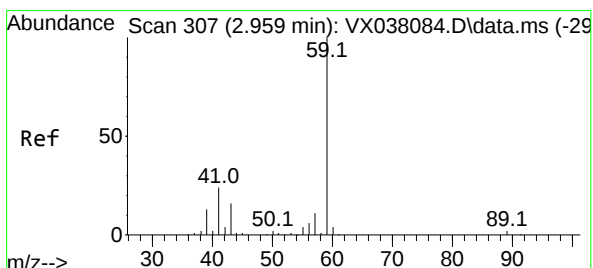
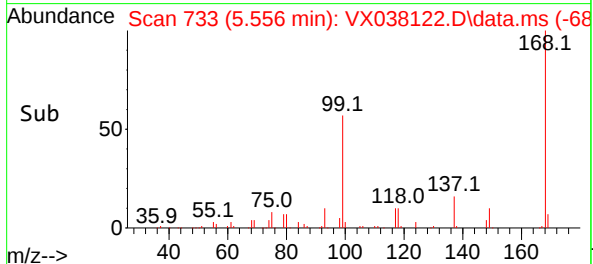
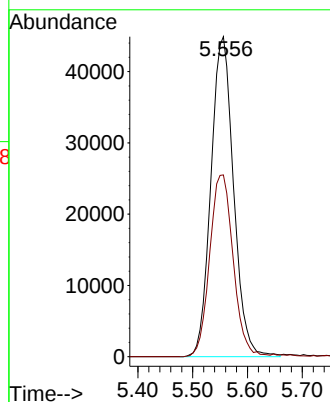
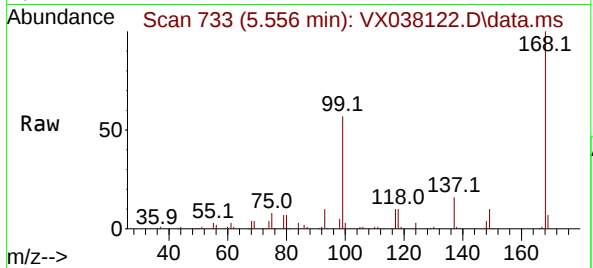




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

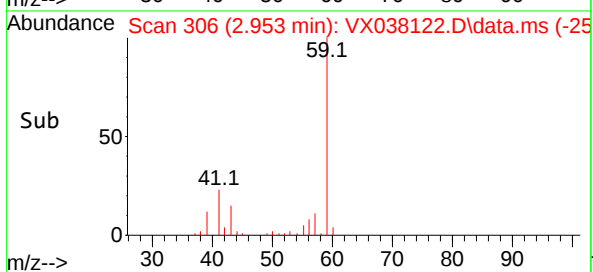
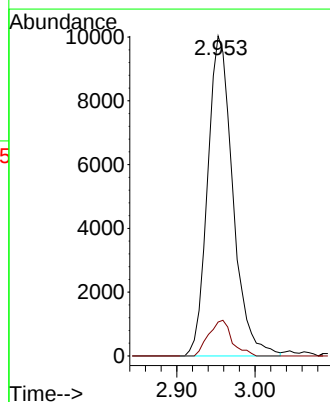
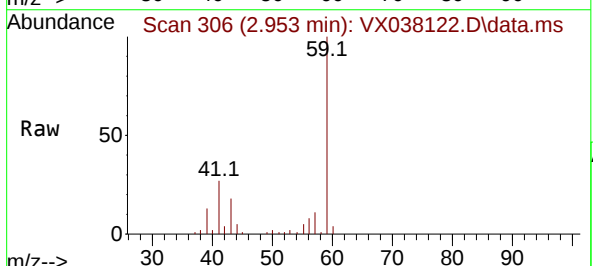
Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

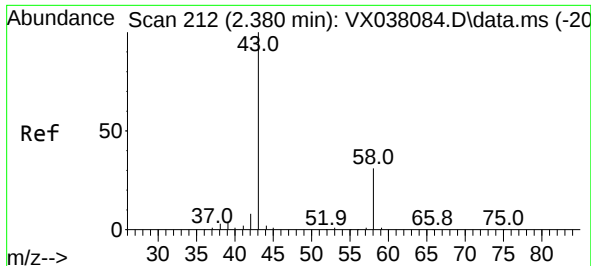
Tgt Ion:168 Resp: 128796
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 39.711 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion: 59 Resp: 22426
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#

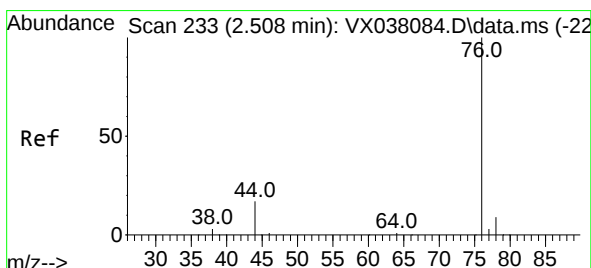
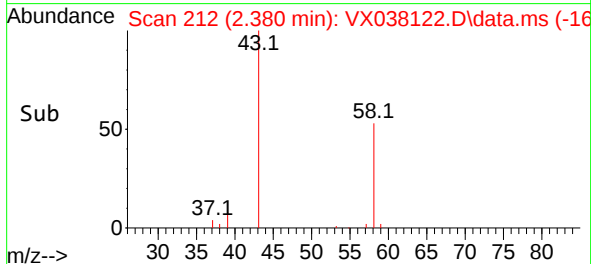
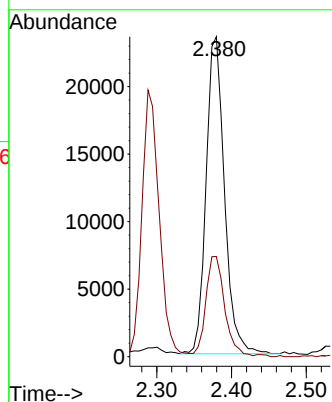
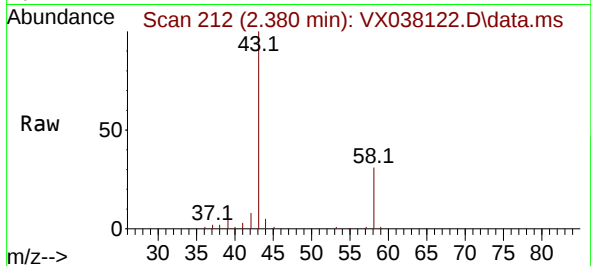




#16
Acetone
Concen: 46.435 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

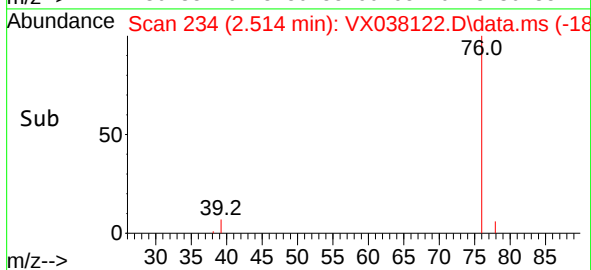
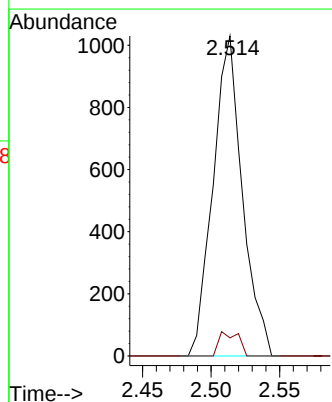
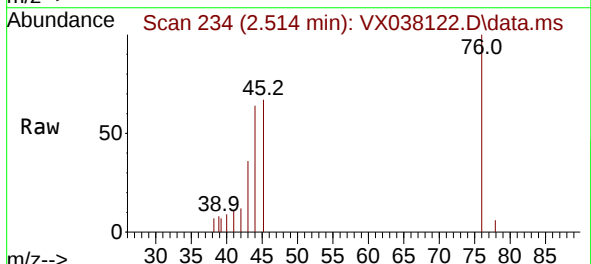
Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

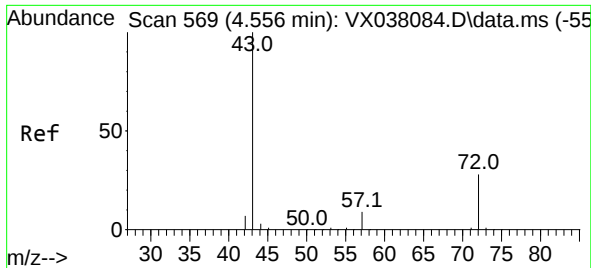
Tgt Ion: 43 Resp: 40147
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion: 76 Resp: 1535
Ion Ratio Lower Upper
76 100
78 5.6 7.0 10.6#

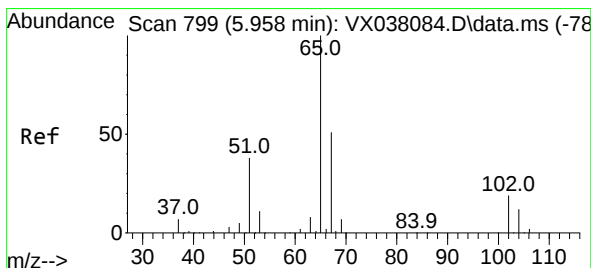
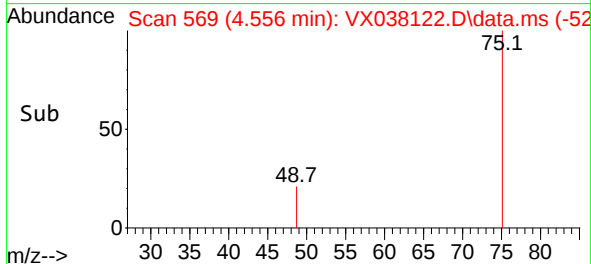
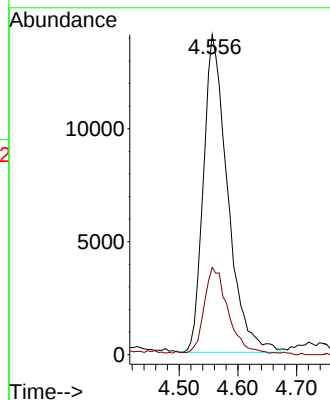
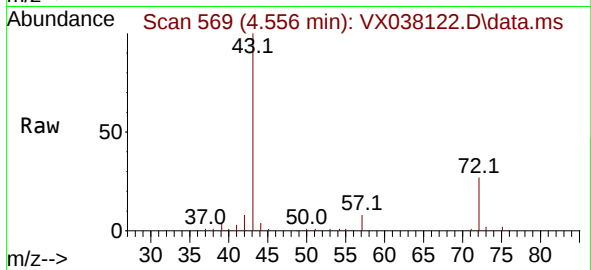




#25
2-Butanone
Concen: 28.860 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

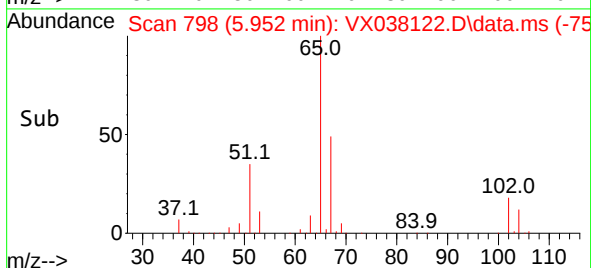
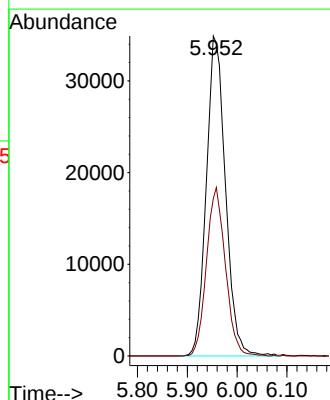
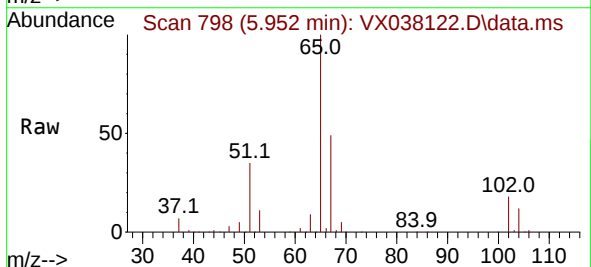
Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

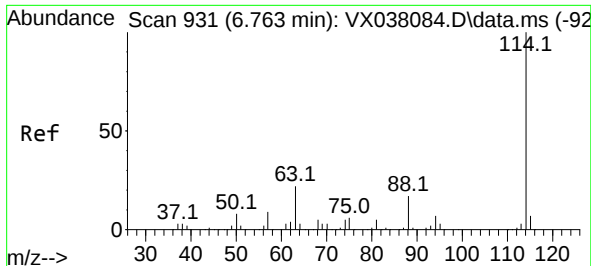
Tgt Ion: 43 Resp: 40259
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.917 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion: 65 Resp: 93051
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

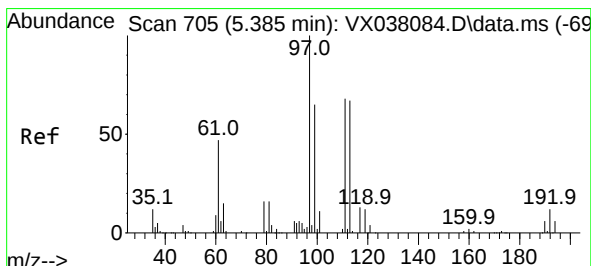
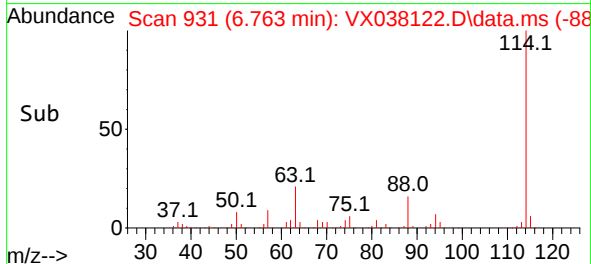
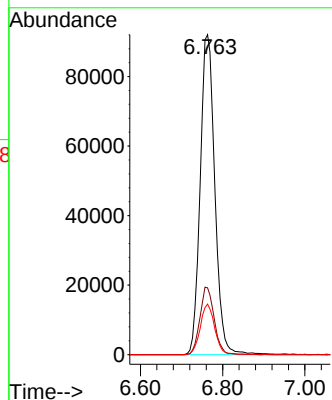
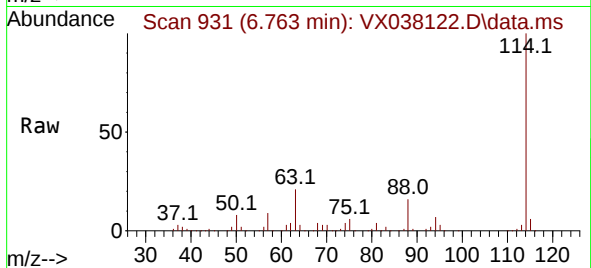




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

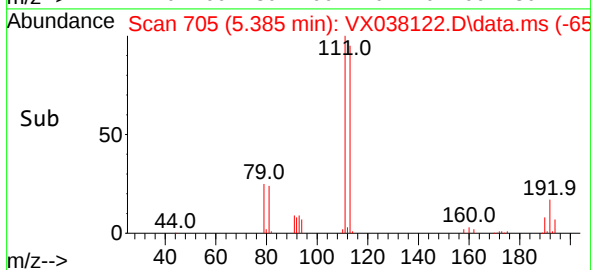
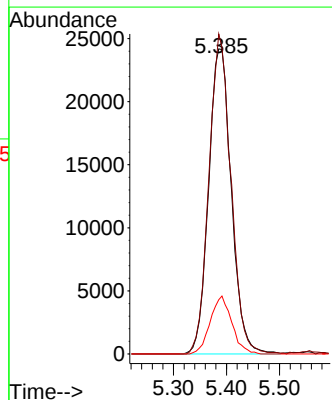
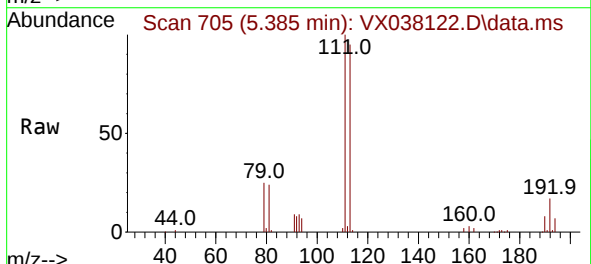
Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

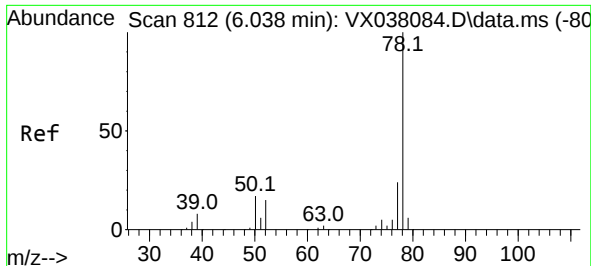
Tgt Ion:114 Resp: 227582
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.910 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion:113 Resp: 72006
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.1 13.3 19.9

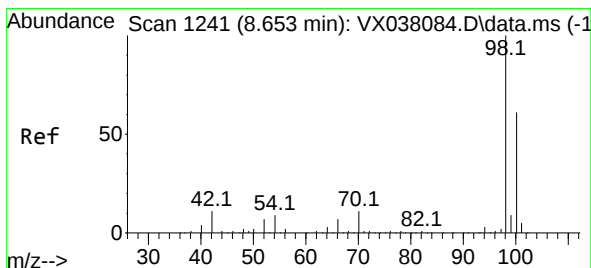
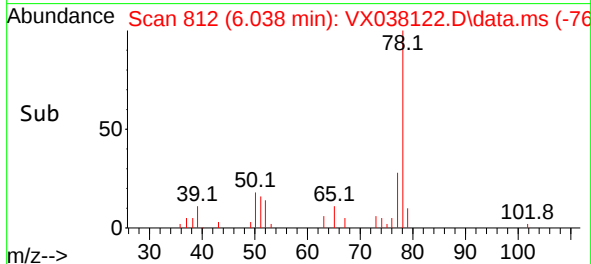
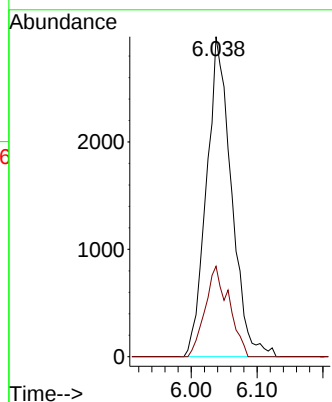
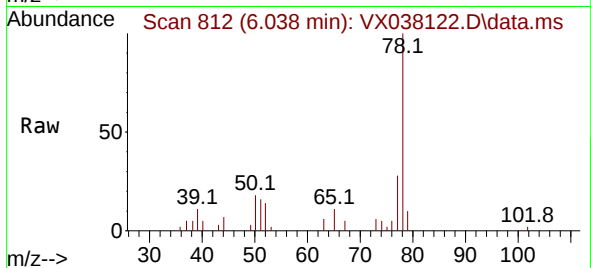




#40
Benzene
Concen: 1.242 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

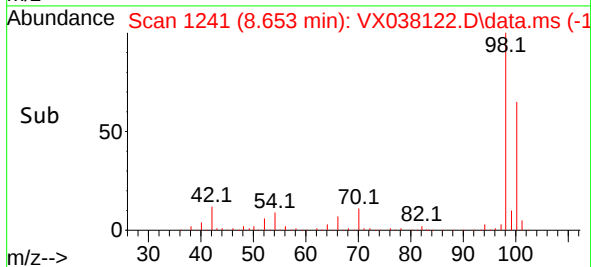
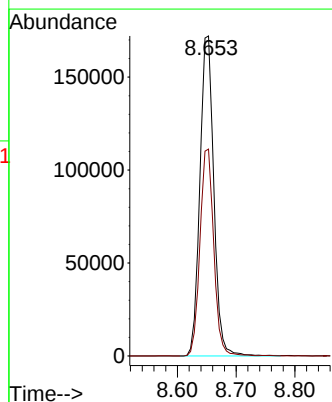
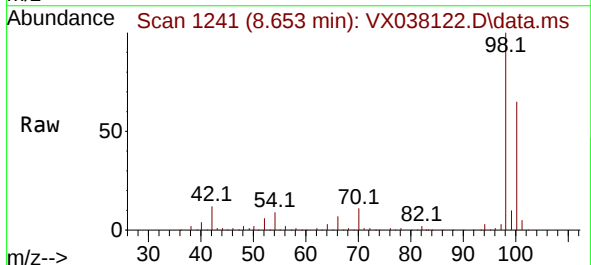
Instrument :
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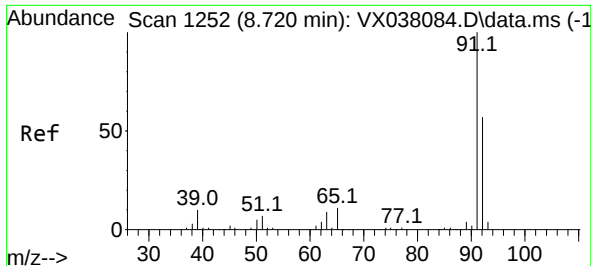
Tgt Ion: 78 Resp: 7855
Ion Ratio Lower Upper
78 100
77 28.3 19.3 28.9



#50
Toluene-d8
Concen: 45.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion: 98 Resp: 282809
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#52

Toluene

Concen: 0.850 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038122.D

Acq: 06 Oct 2023 11:51

Instrument :

MSVOA_X

ClientSampleId :

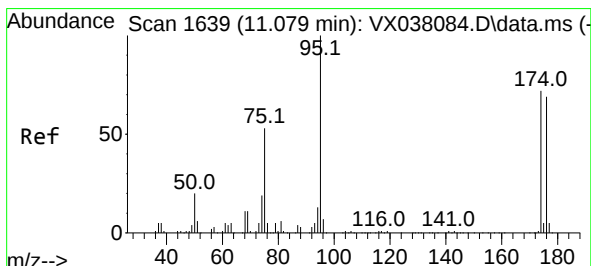
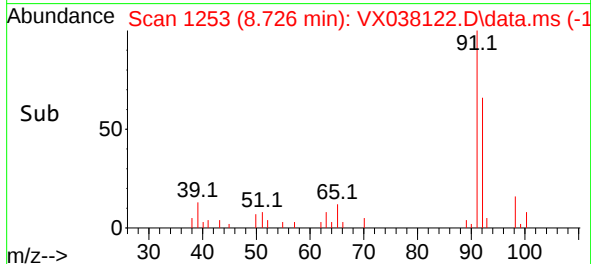
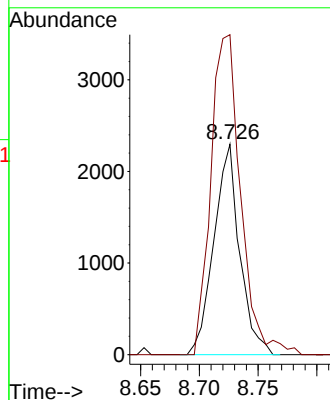
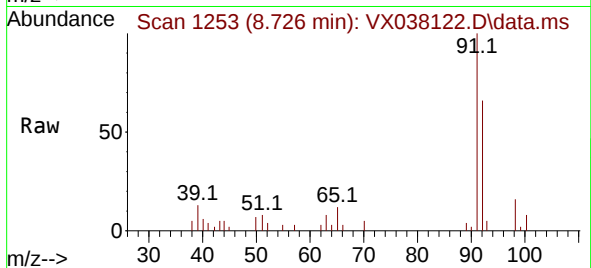
ORA-1041

Tgt Ion: 92 Resp: 3501

Ion Ratio Lower Upper

92 100

91 176.3 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038122.D

Acq: 06 Oct 2023 11:51

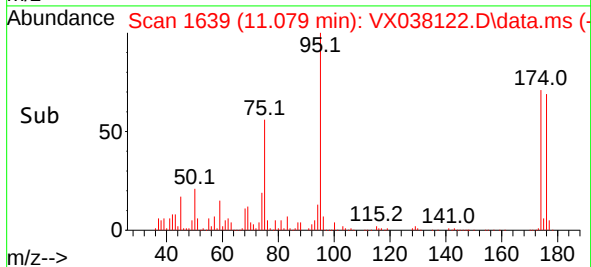
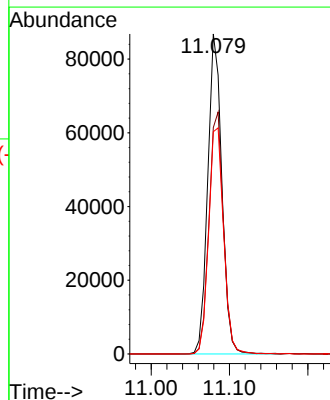
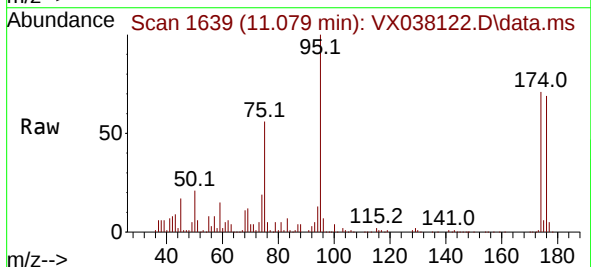
Tgt Ion: 95 Resp: 108380

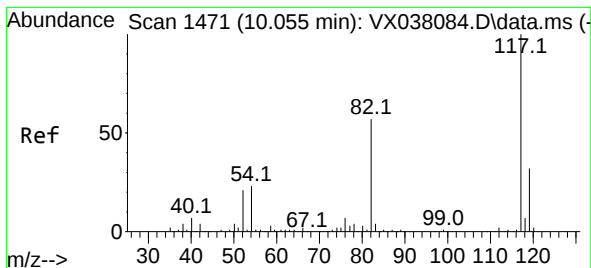
Ion Ratio Lower Upper

95 100

174 77.8 0.0 135.6

176 74.7 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: VX038122.D

Acq: 06 Oct 2023 11:51

Instrument :

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ORA-1041

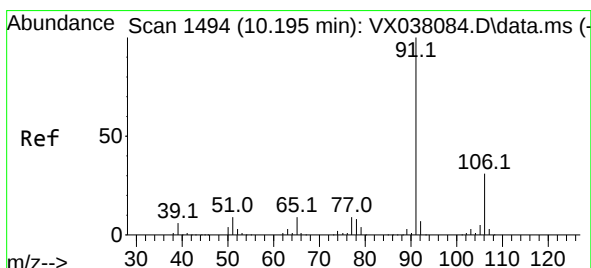
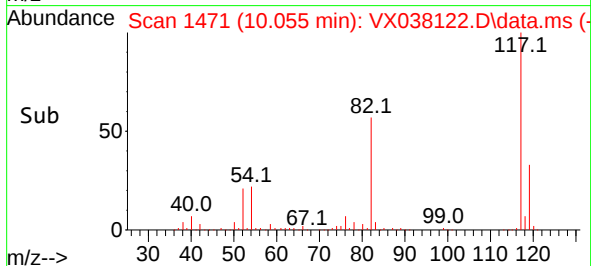
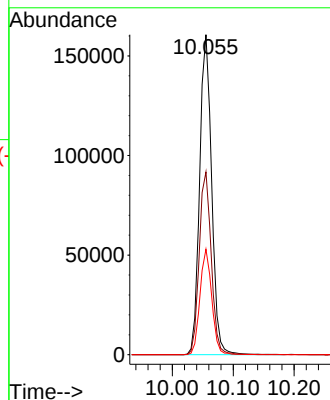
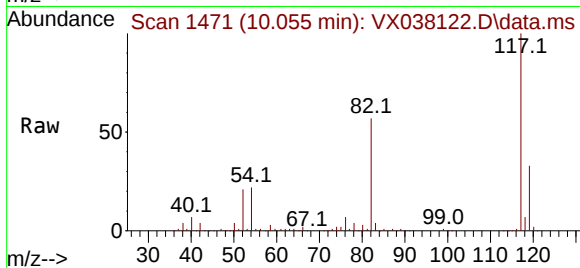
Tgt Ion:117 Resp: 219225

Ion Ratio Lower Upper

117 100

82 57.1 46.2 69.4

119 32.9 25.5 38.3



#67

Ethyl Benzene

Concen: 0.318 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038122.D

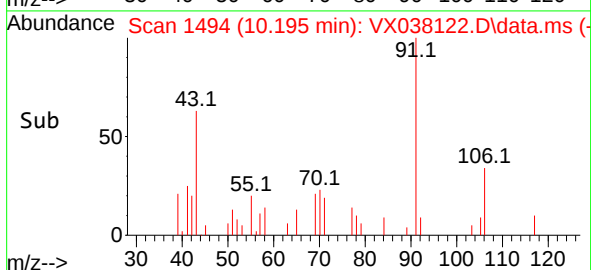
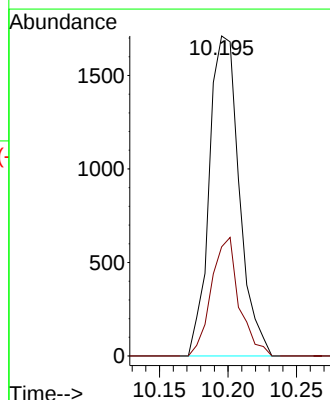
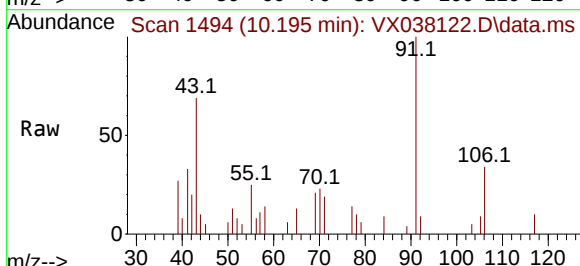
Acq: 06 Oct 2023 11:51

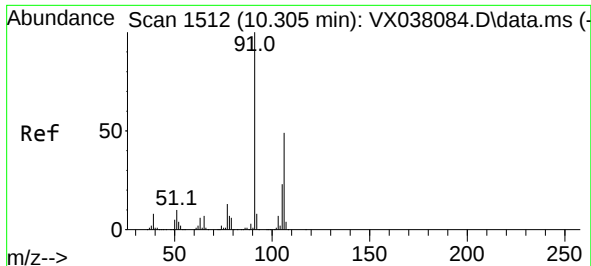
Tgt Ion: 91 Resp: 2605

Ion Ratio Lower Upper

91 100

106 34.1 24.9 37.3

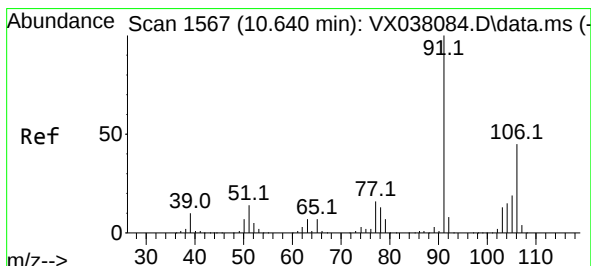
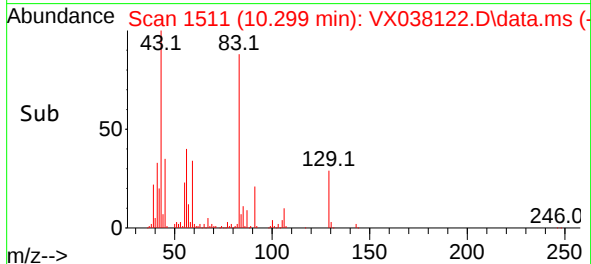
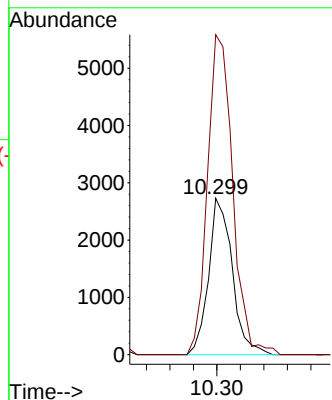
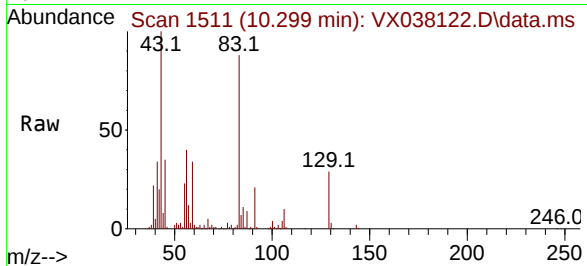




#68
m/p-Xylenes
Concen: 1.208 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

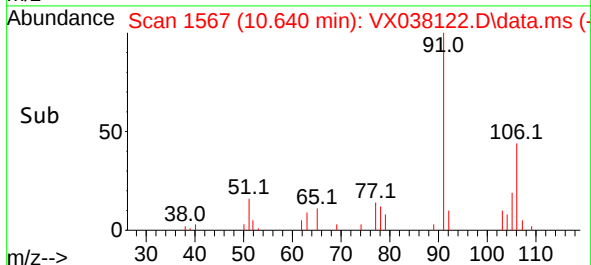
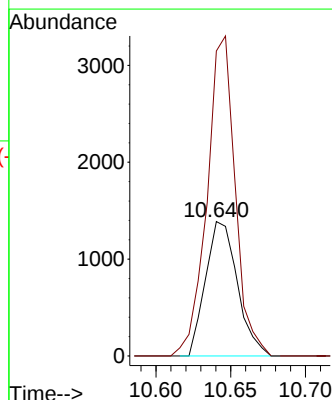
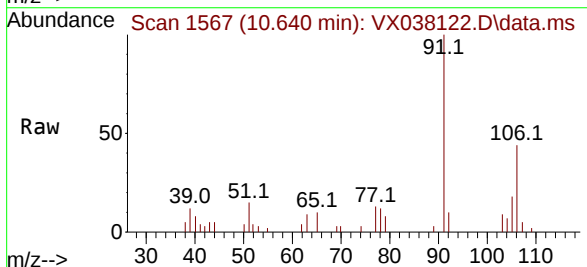
Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

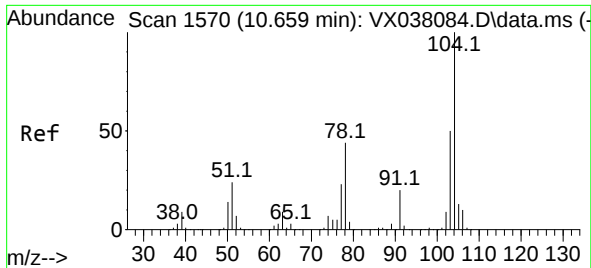
Tgt Ion:106 Resp: 3825
Ion Ratio Lower Upper
106 100
91 217.3 165.5 248.3



#69
o-Xylene
Concen: 0.664 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion:106 Resp: 2052
Ion Ratio Lower Upper
106 100
91 211.3 108.9 326.8

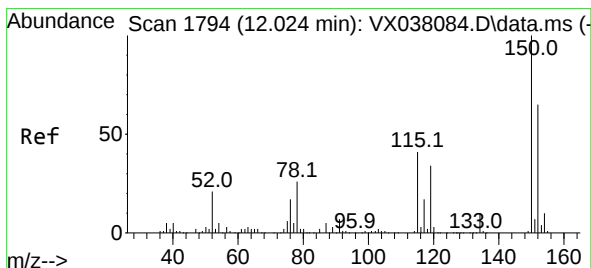
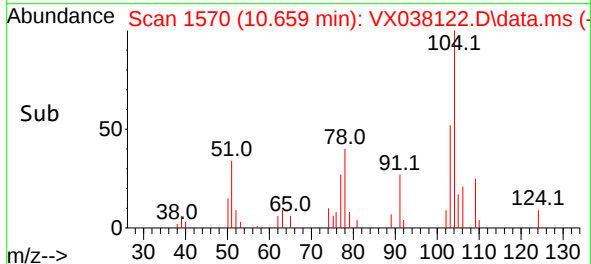
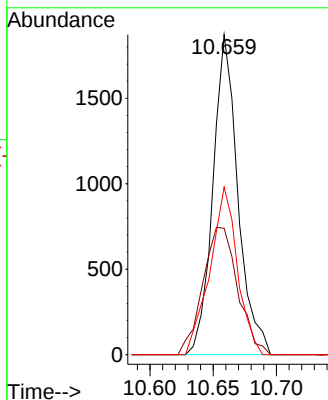
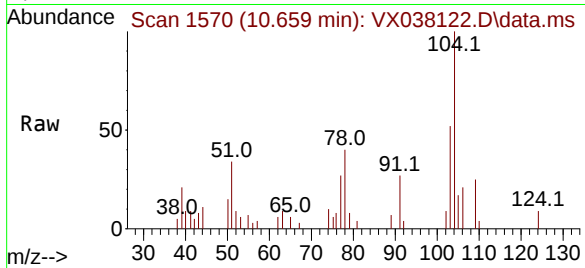




#70
Styrene
Concen: 0.510 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

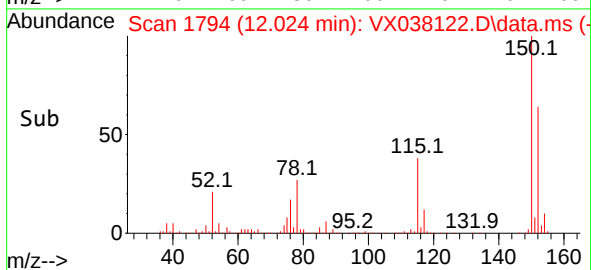
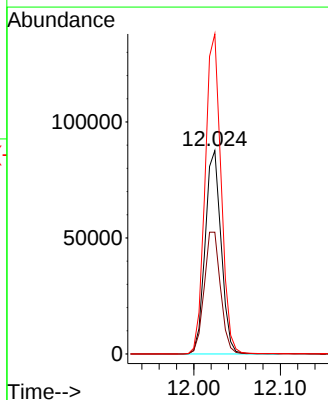
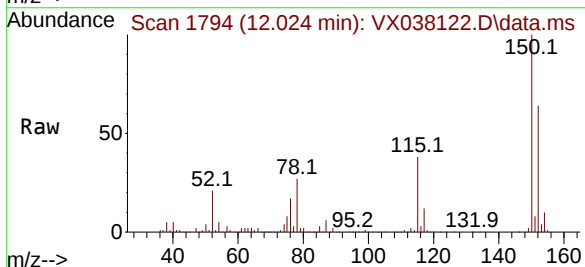
Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

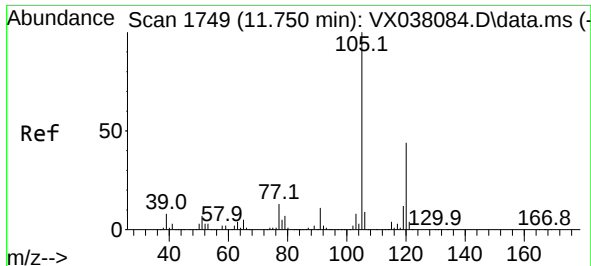
Tgt Ion:	104	Resp:	2568
Ion Ratio	Lower	Upper	
104	100		
78	55.6	43.6	65.4
103	57.5	43.6	65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion:	152	Resp:	112108
Ion Ratio	Lower	Upper	
152	100		
115	61.6	43.3	129.9
150	158.0	0.0	345.0

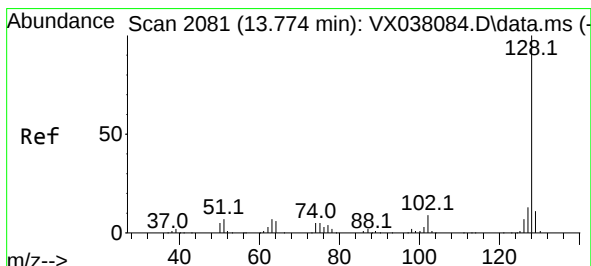
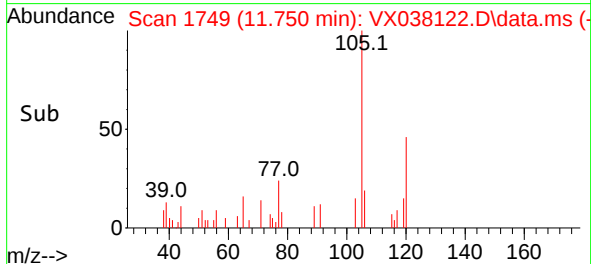
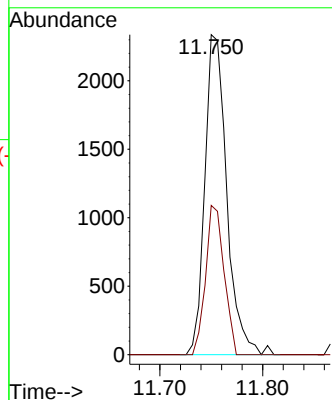
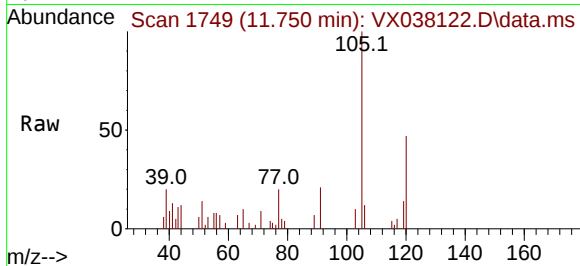




#84
1,2,4-Trimethylbenzene
Concen: 0.537 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Instrument :
MSVOA_X
ClientSampleId :
ORA-1041

Tgt Ion:105 Resp: 3475
Ion Ratio Lower Upper
105 100
120 39.1 21.2 63.6



#95
Naphthalene
Concen: 5.896 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038122.D
Acq: 06 Oct 2023 11:51

Tgt Ion:128 Resp: 48801
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.8 8.8 13.2

