

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033247.D
 Acq On : 05 Dec 2022 23:31
 Operator : JC/MD
 Sample : N5859-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0584

Quant Time: Dec 06 06:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

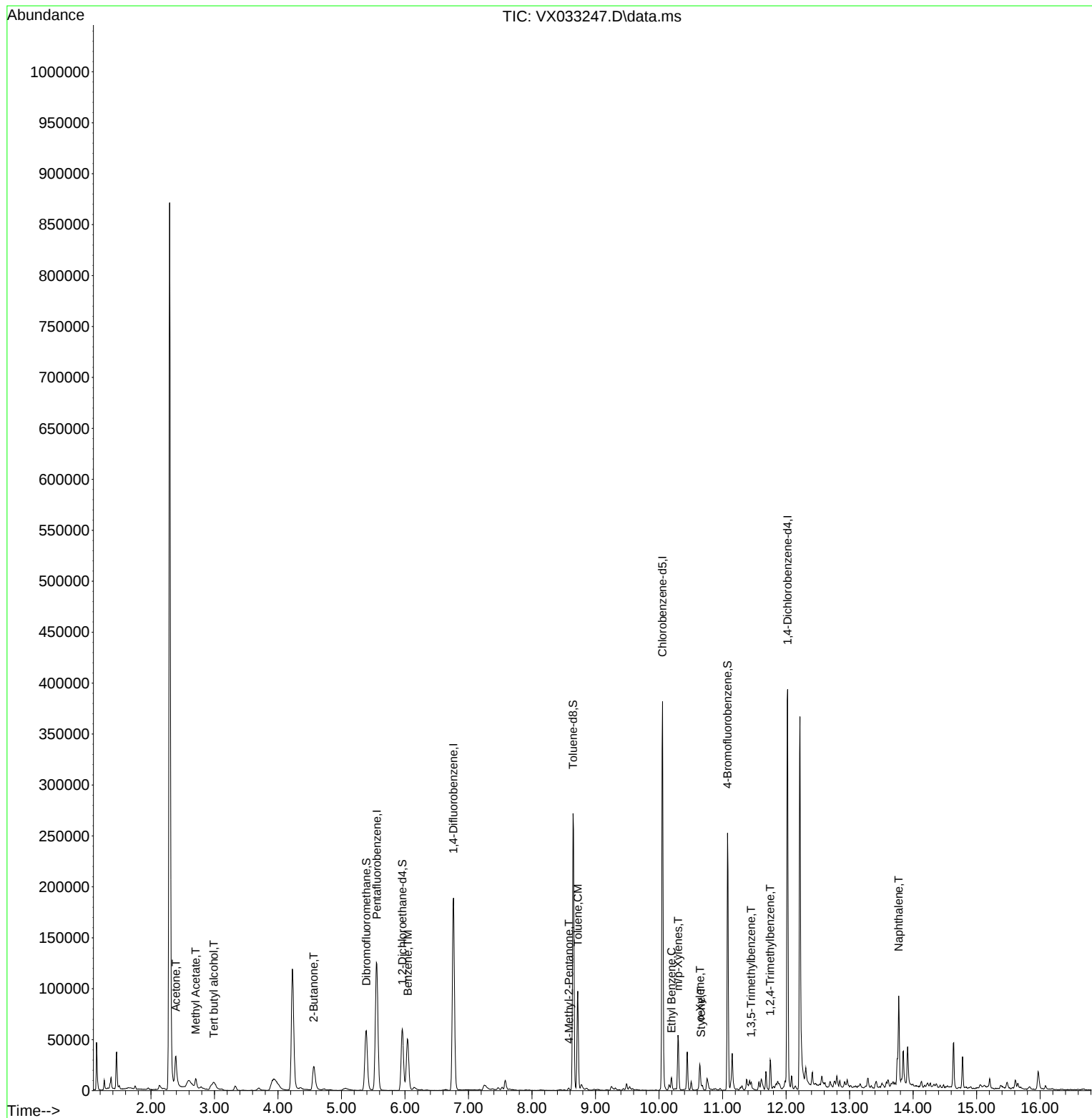
Internal Standards						
1) Pentafluorobenzene	5.556	168	122199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61723	51.804	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.600%	
35) Dibromofluoromethane	5.391	113	51558	46.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.340%	
50) Toluene-d8	8.647	98	164181	49.371	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	11.079	95	62969	43.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	18081	95.847	ug/l	99
16) Acetone	2.392	43	35598	64.052	ug/l	90
18) Methyl Acetate	2.703	43	10554	6.860	ug/l	99
25) 2-Butanone	4.562	43	41405	54.028	ug/l	99
40) Benzene	6.044	78	62626	12.646	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1707	1.085	ug/l	92
52) Toluene	8.720	92	36532	11.213	ug/l	99
67) Ethyl Benzene	10.195	91	7005	1.148	ug/l	100
68) m/p-Xylenes	10.299	106	12544	5.249	ug/l	96
69) o-Xylene	10.646	106	5230	2.262	ug/l	98
70) Styrene	10.659	104	1974	0.522	ug/l #	64
80) 1,3,5-Trimethylbenzene	11.451	105	3394	0.674	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	12539	2.496	ug/l	96
95) Naphthalene	13.774	128	49140	9.155	ug/l	100

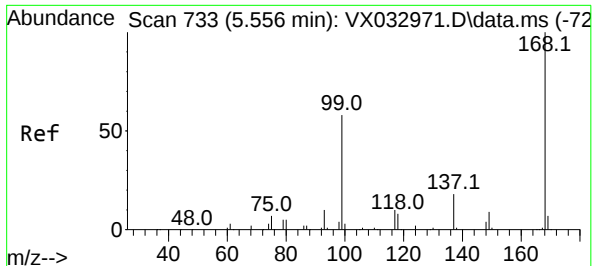
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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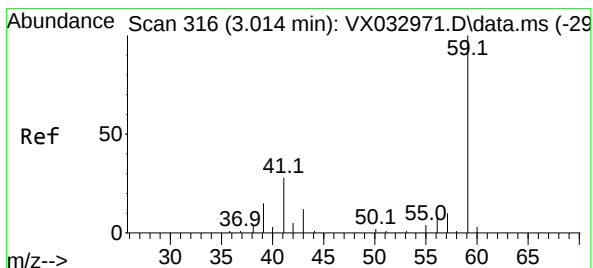
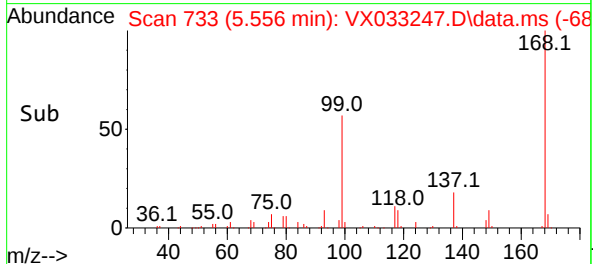
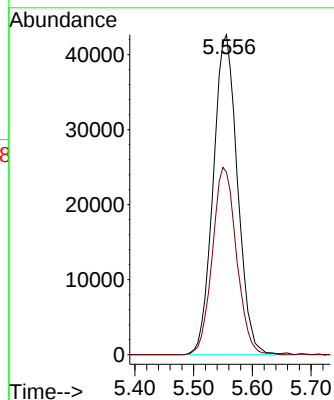
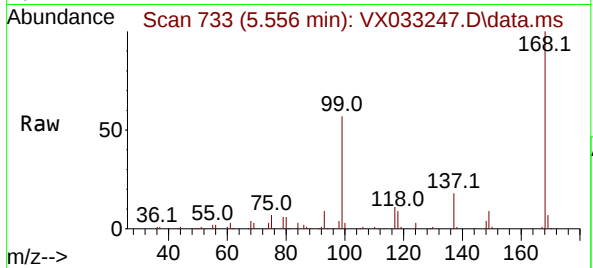




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

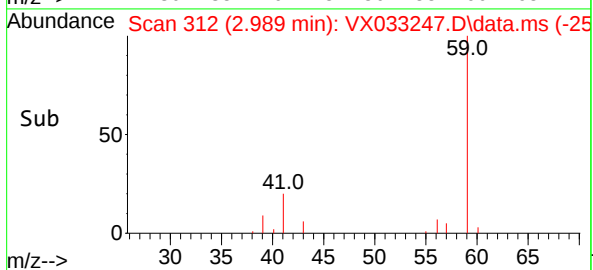
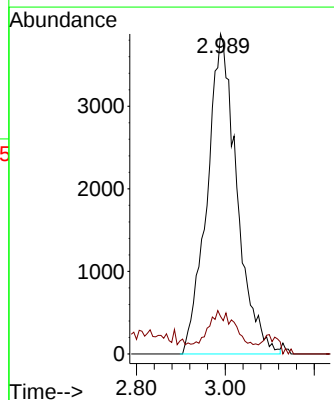
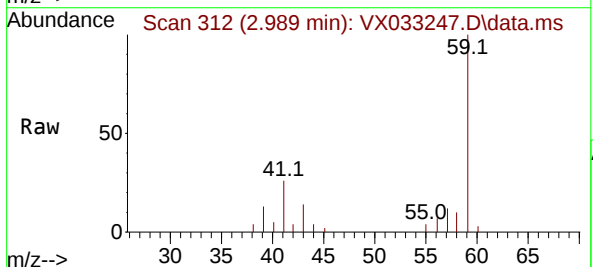
Instrument :
MSVOA_X
ClientSampleId :
ORA-0584

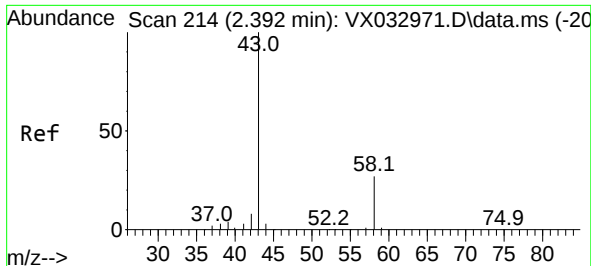
Tgt Ion:168 Resp: 122199
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 95.847 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion: 59 Resp: 18081
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

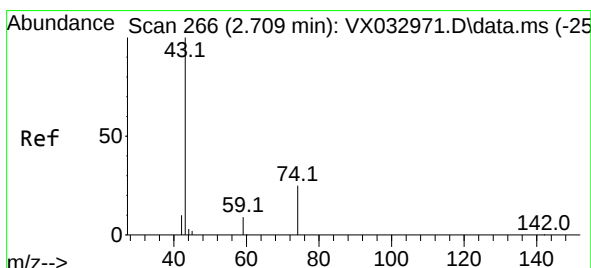
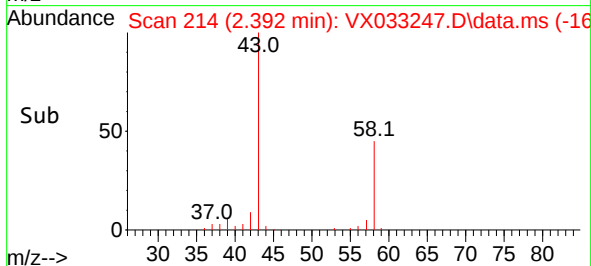
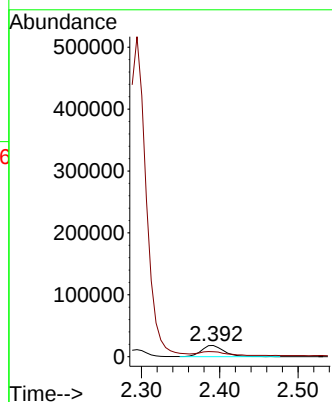
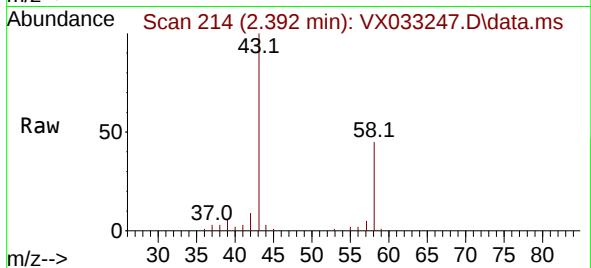




#16
Acetone
Concen: 64.052 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

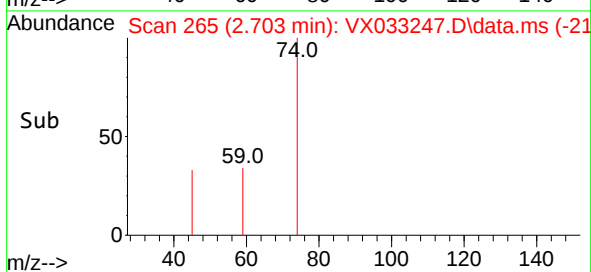
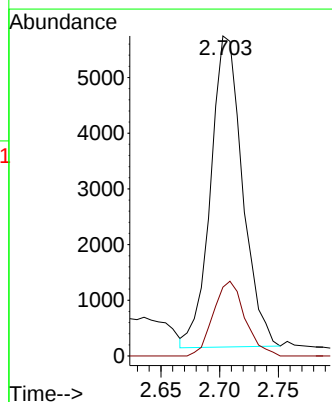
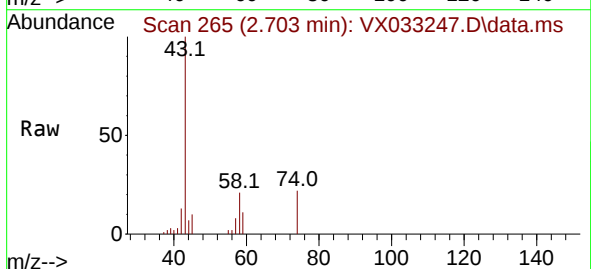
Instrument :
MSVOA_X
ClientSampleId :
ORA-0584

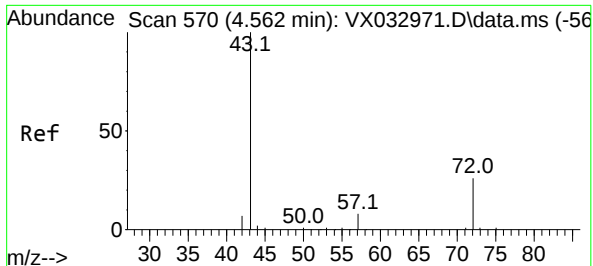
Tgt Ion: 43 Resp: 35598
Ion Ratio Lower Upper
43 100
58 35.4 23.8 35.8



#18
Methyl Acetate
Concen: 6.860 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion: 43 Resp: 10554
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#25

2-Butanone

Concen: 54.028 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033247.D

Acq: 05 Dec 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

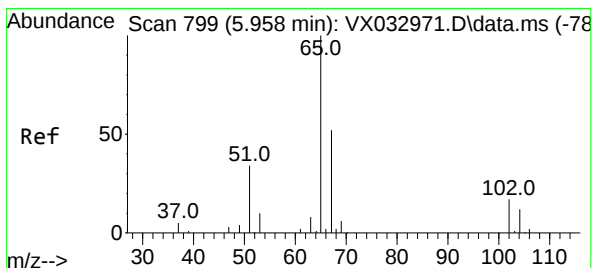
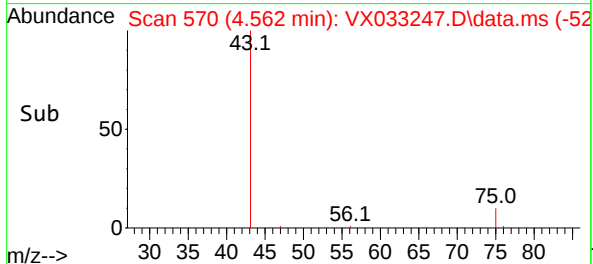
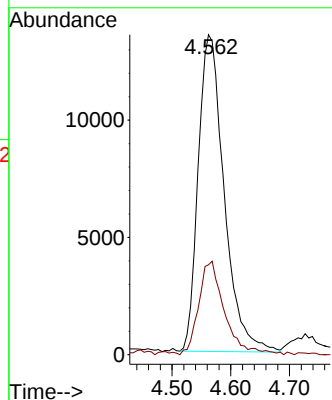
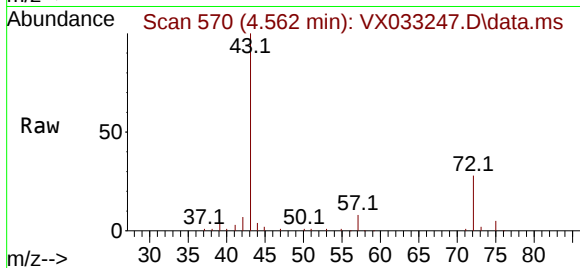
ORA-0584

Tgt Ion: 43 Resp: 41405

Ion Ratio Lower Upper

43 100

72 28.4 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 51.804 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033247.D

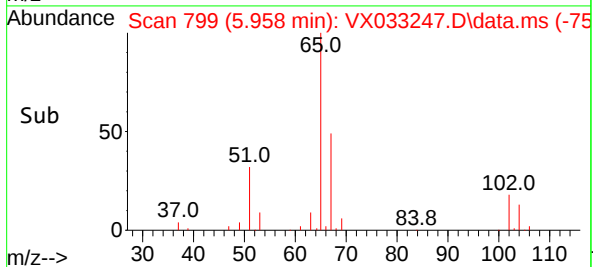
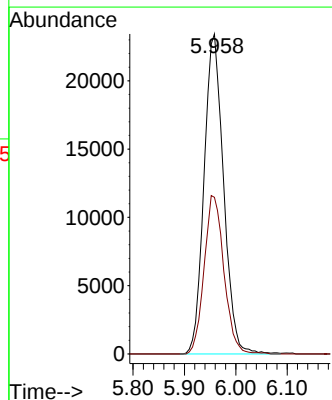
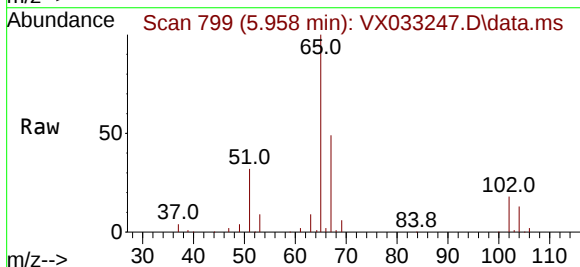
Acq: 05 Dec 2022 23:31

Tgt Ion: 65 Resp: 61723

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX033247.D

Acq: 05 Dec 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

ORA-0584

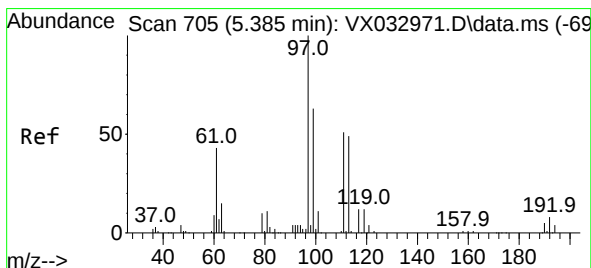
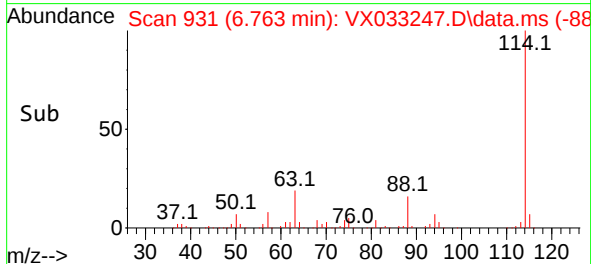
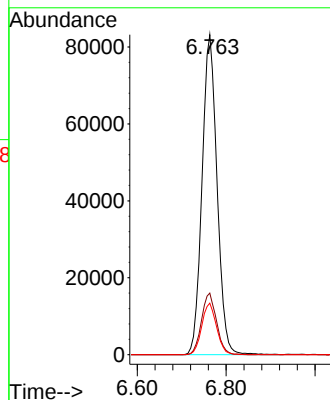
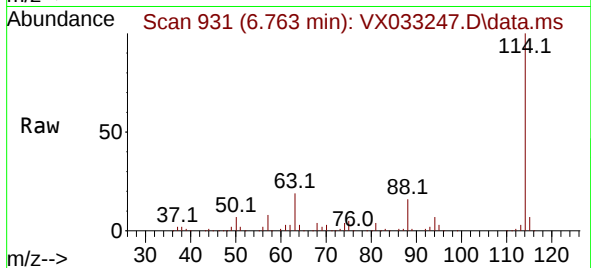
Tgt Ion:114 Resp: 195940

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.674 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX033247.D

Acq: 05 Dec 2022 23:31

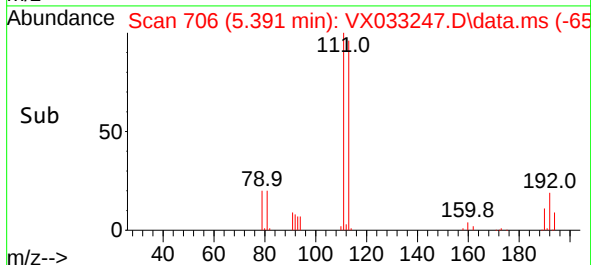
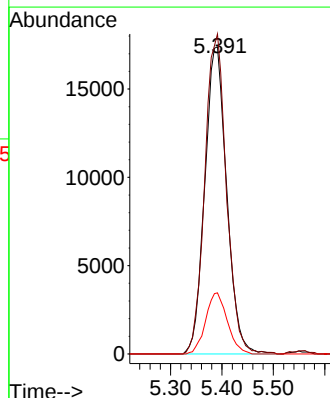
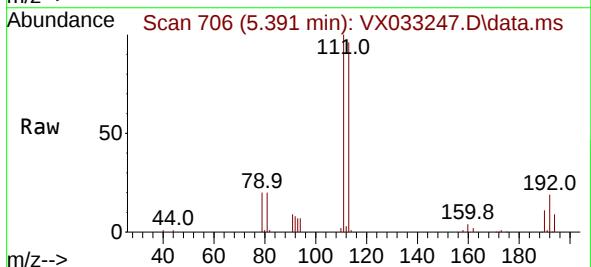
Tgt Ion:113 Resp: 51558

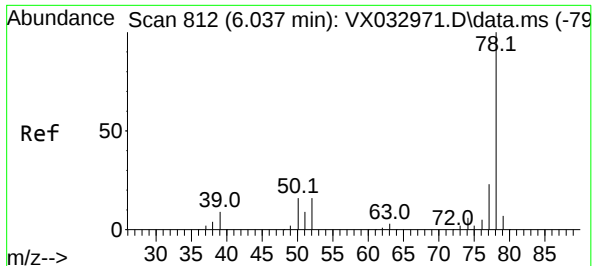
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 19.7 15.4 23.2

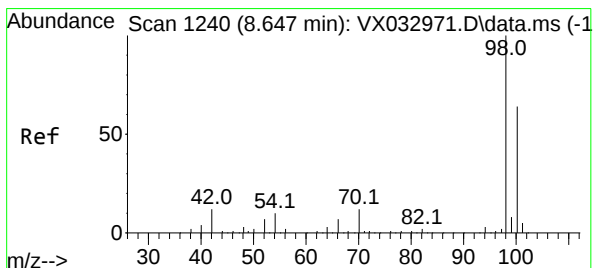
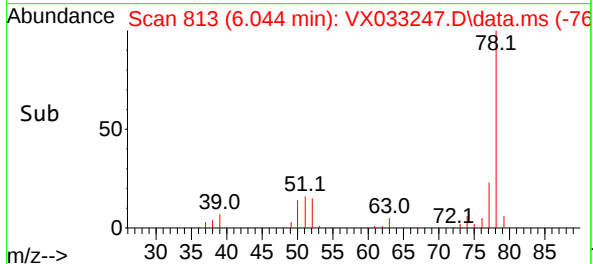
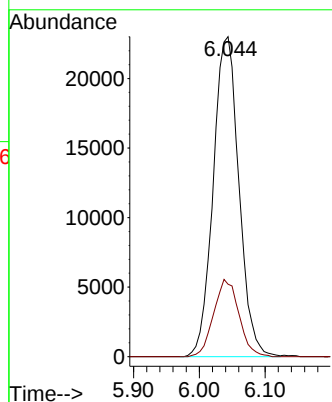
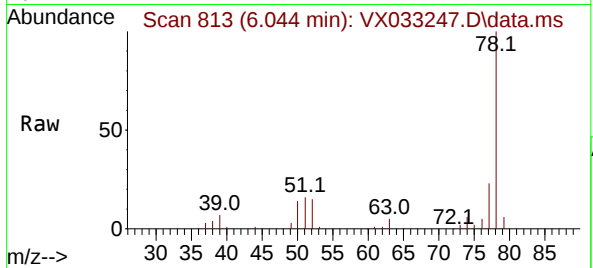




#40
Benzene
Concen: 12.646 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

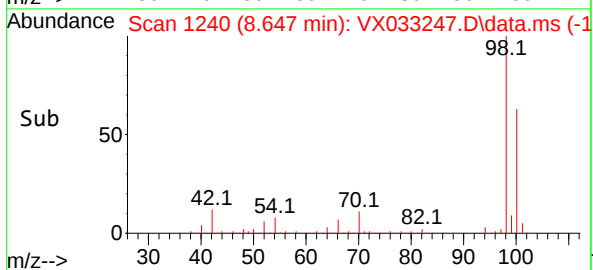
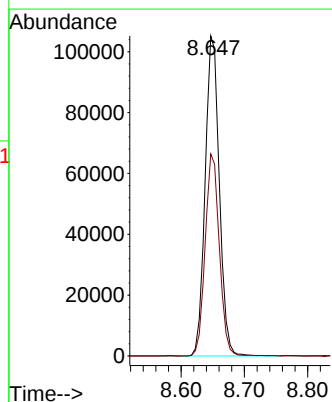
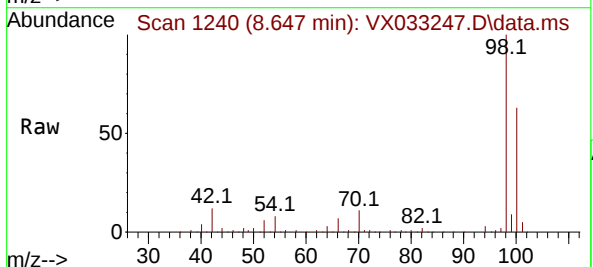
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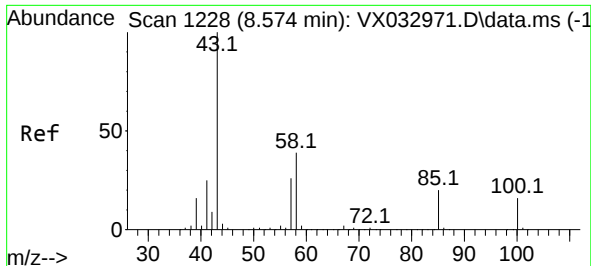
Tgt Ion: 78 Resp: 62626
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



#50
Toluene-d8
Concen: 49.371 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion: 98 Resp: 164181
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

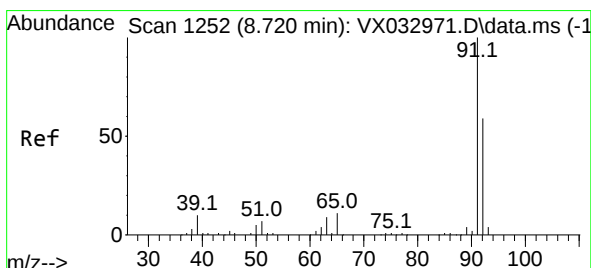
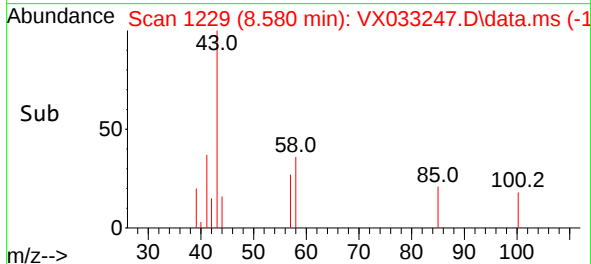
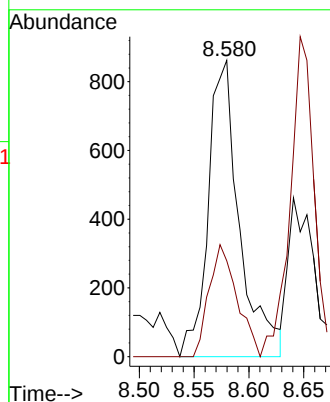
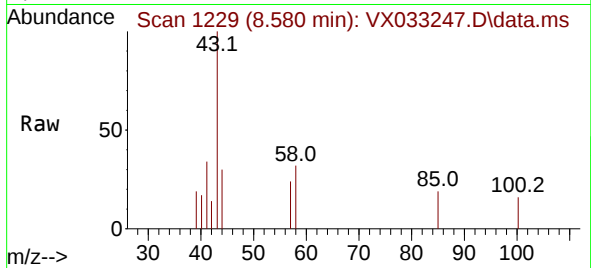




#51
4-Methyl-2-Pentanone
Concen: 1.085 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

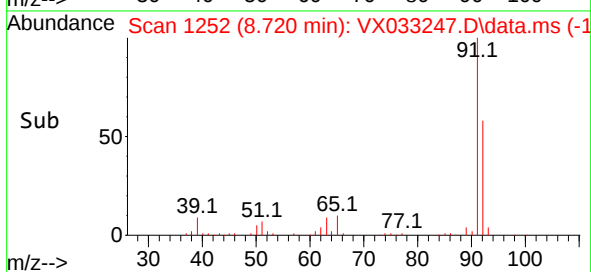
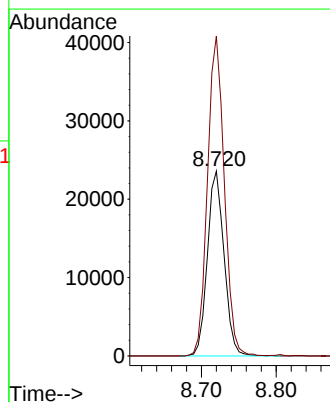
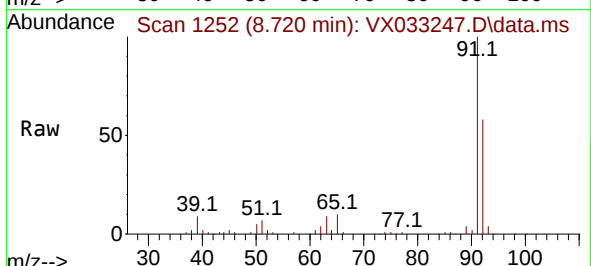
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ORA-0584

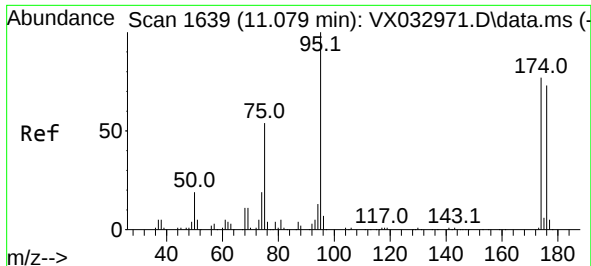
Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
58 33.8 30.9 46.3



#52
Toluene
Concen: 11.213 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion: 92 Resp: 36532
Ion Ratio Lower Upper
92 100
91 174.6 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 43.395 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033247.D

Acq: 05 Dec 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

ORA-0584

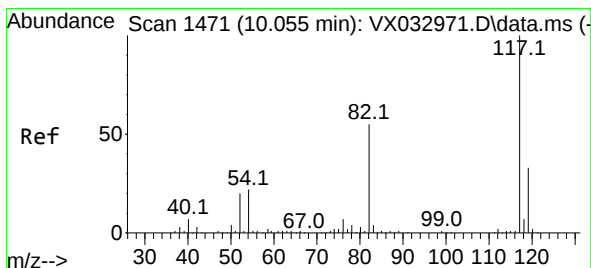
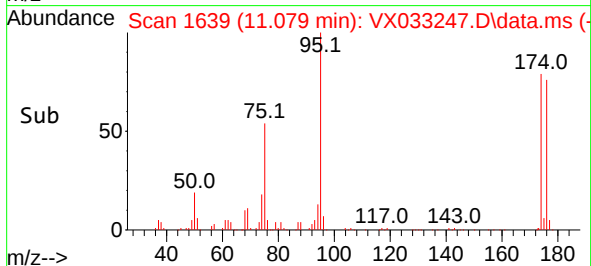
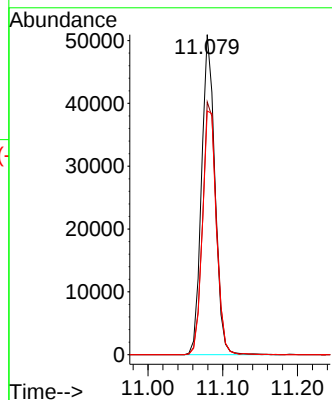
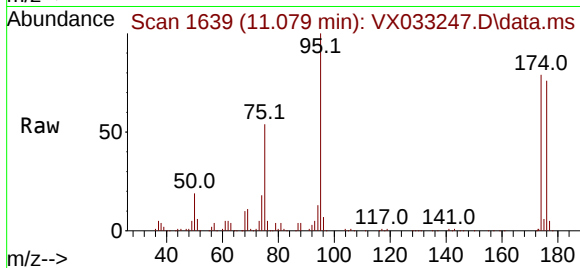
Tgt Ion: 95 Resp: 62969

Ion Ratio Lower Upper

95 100

174 81.8 0.0 164.0

176 79.9 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033247.D

Acq: 05 Dec 2022 23:31

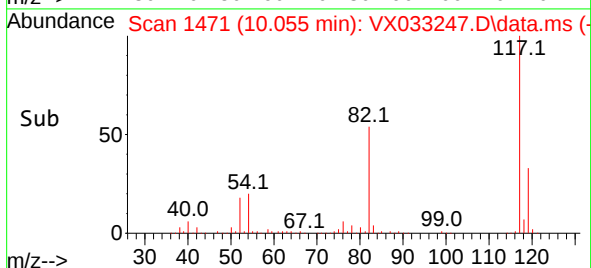
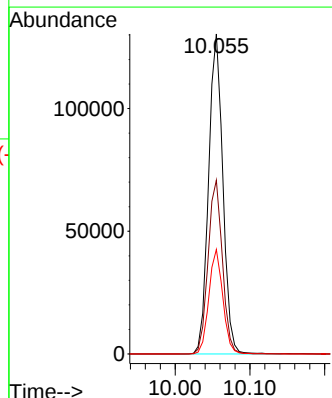
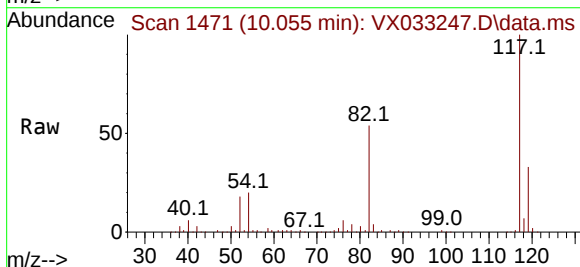
Tgt Ion: 117 Resp: 172564

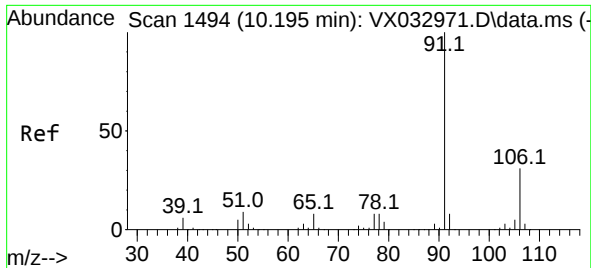
Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

119 32.6 25.7 38.5

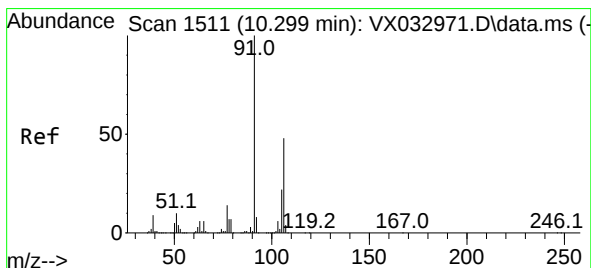
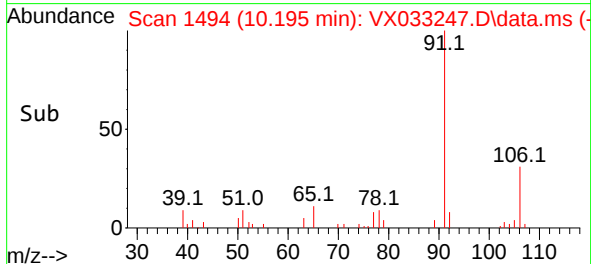
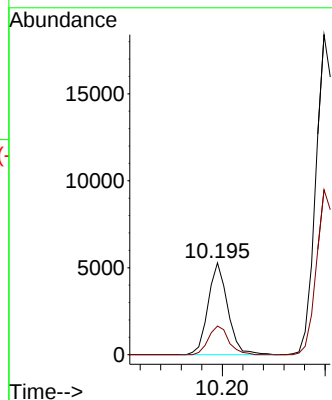
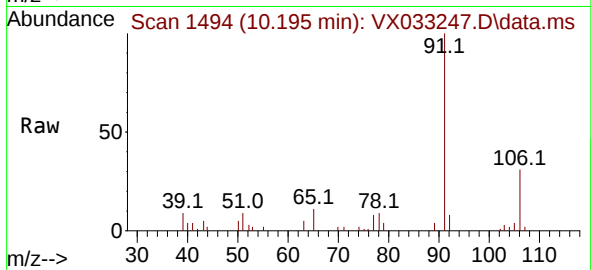




#67
Ethyl Benzene
Concen: 1.148 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

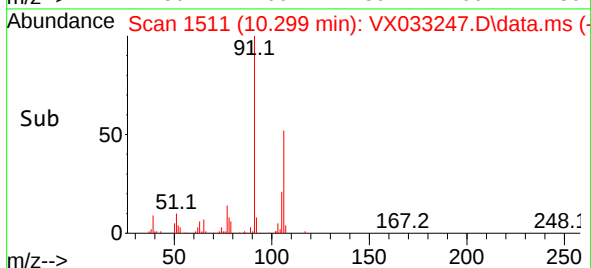
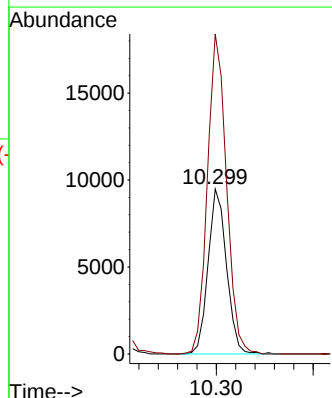
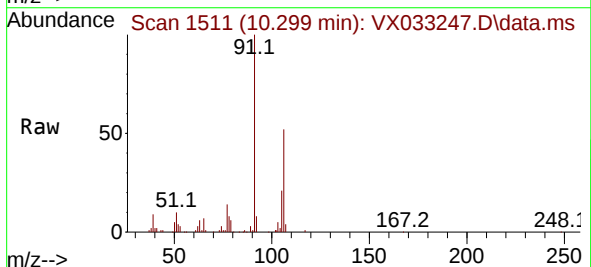
Instrument :
MSVOA_X
ClientSampleId :
ORA-0584

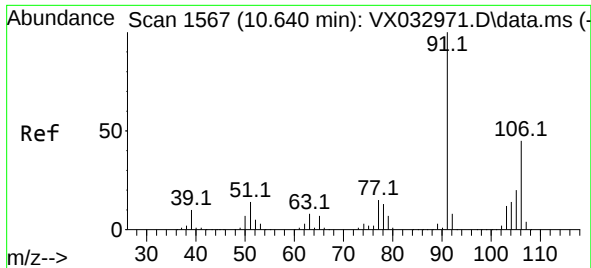
Tgt Ion: 91 Resp: 7005
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 5.249 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion: 106 Resp: 12544
Ion Ratio Lower Upper
106 100
91 200.2 164.5 246.7

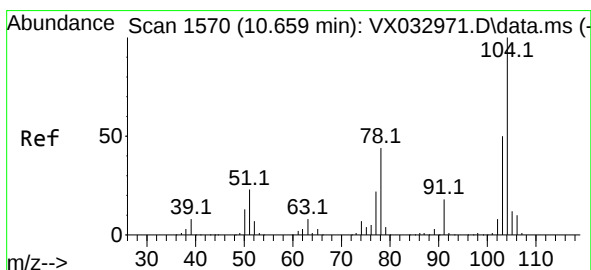
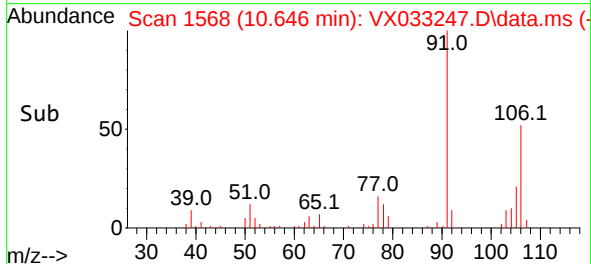
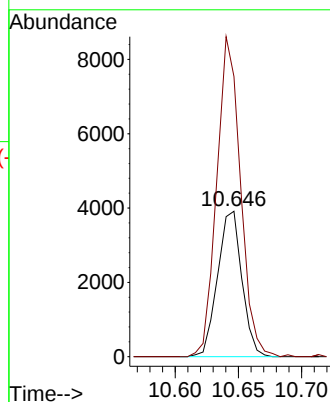
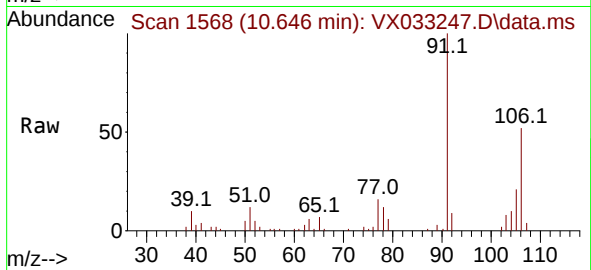




#69
o-Xylene
Concen: 2.262 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

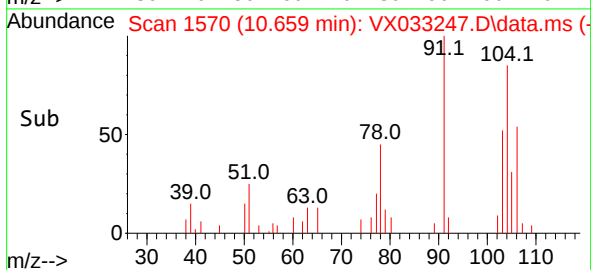
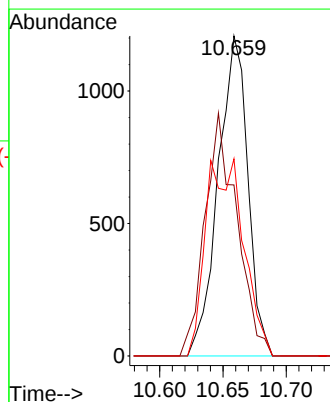
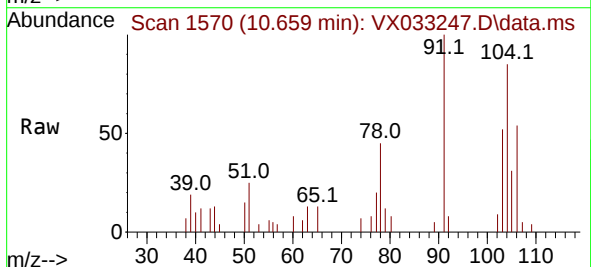
Instrument :
MSVOA_X
ClientSampleId :
ORA-0584

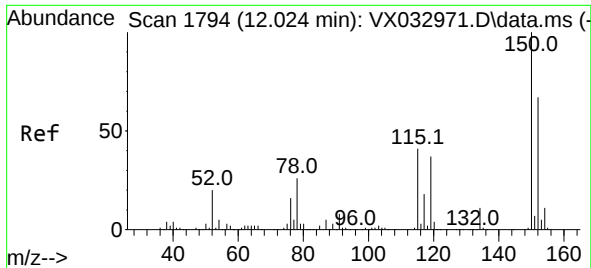
Tgt Ion:106 Resp: 5230
Ion Ratio Lower Upper
106 100
91 214.8 109.2 327.6



#70
Styrene
Concen: 0.522 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion:104 Resp: 1974
Ion Ratio Lower Upper
104 100
78 81.4 41.8 62.8#
103 78.3 44.5 66.7#

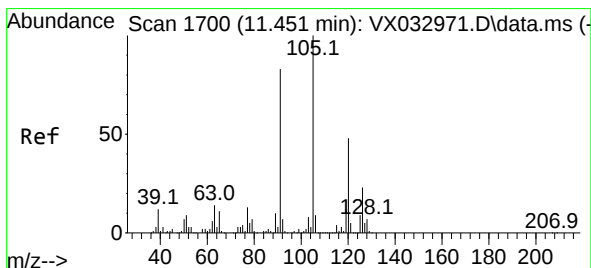
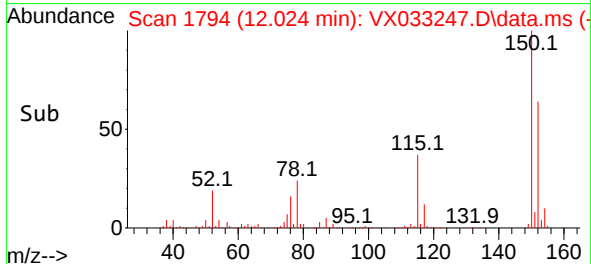
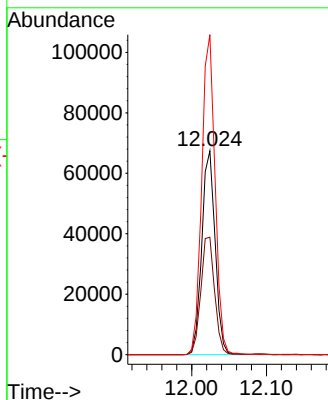
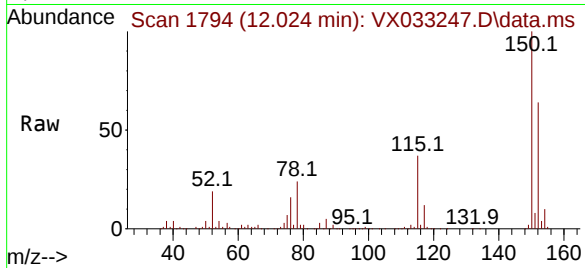




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033247.D
 Acq: 05 Dec 2022 23:31

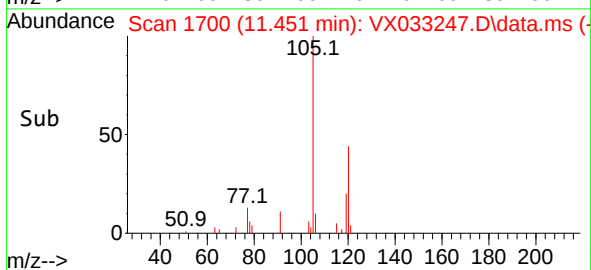
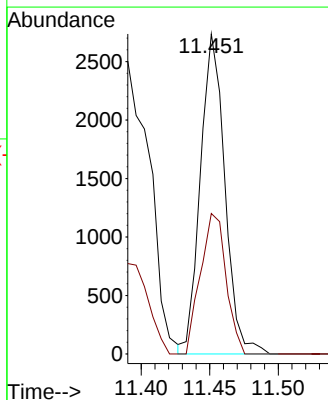
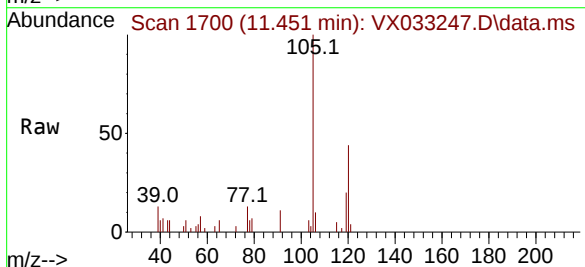
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0584

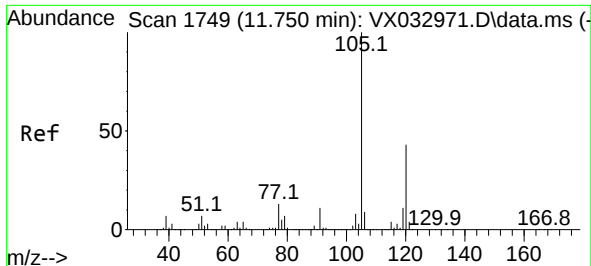
Tgt Ion:152 Resp: 83938
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 156.3 0.0 351.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.674 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX033247.D
 Acq: 05 Dec 2022 23:31

Tgt Ion:105 Resp: 3394
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.6 71.0

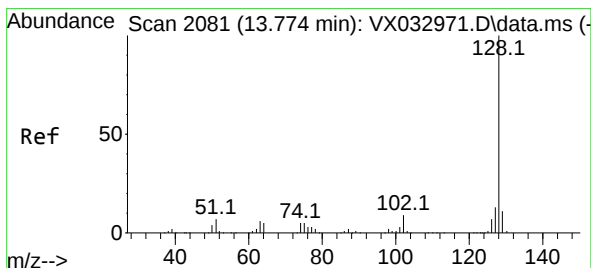
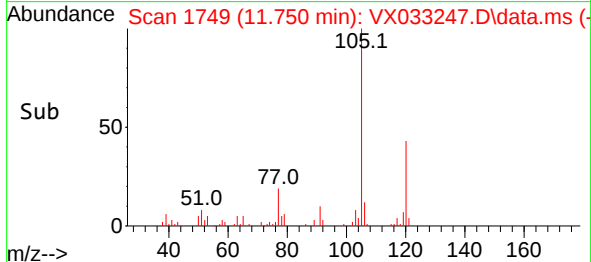
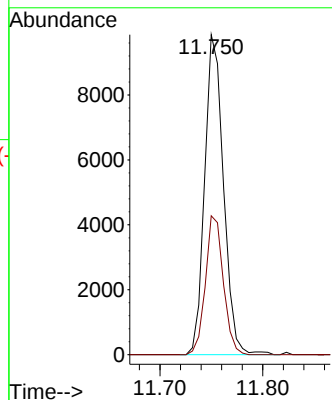
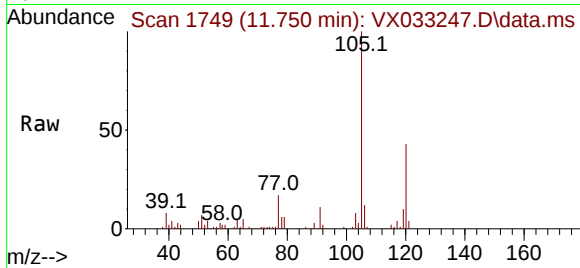




#84
1,2,4-Trimethylbenzene
Concen: 2.496 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
ORA-0584

Tgt Ion:105 Resp: 12539
Ion Ratio Lower Upper
105 100
120 41.3 21.9 65.5



#95
Naphthalene
Concen: 9.155 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033247.D
Acq: 05 Dec 2022 23:31

Tgt Ion:128 Resp: 49140
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.9 13.3

