

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033246.D
 Acq On : 05 Dec 2022 23:08
 Operator : JC/MD
 Sample : N5859-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0583

Quant Time: Dec 06 06:03:17 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)

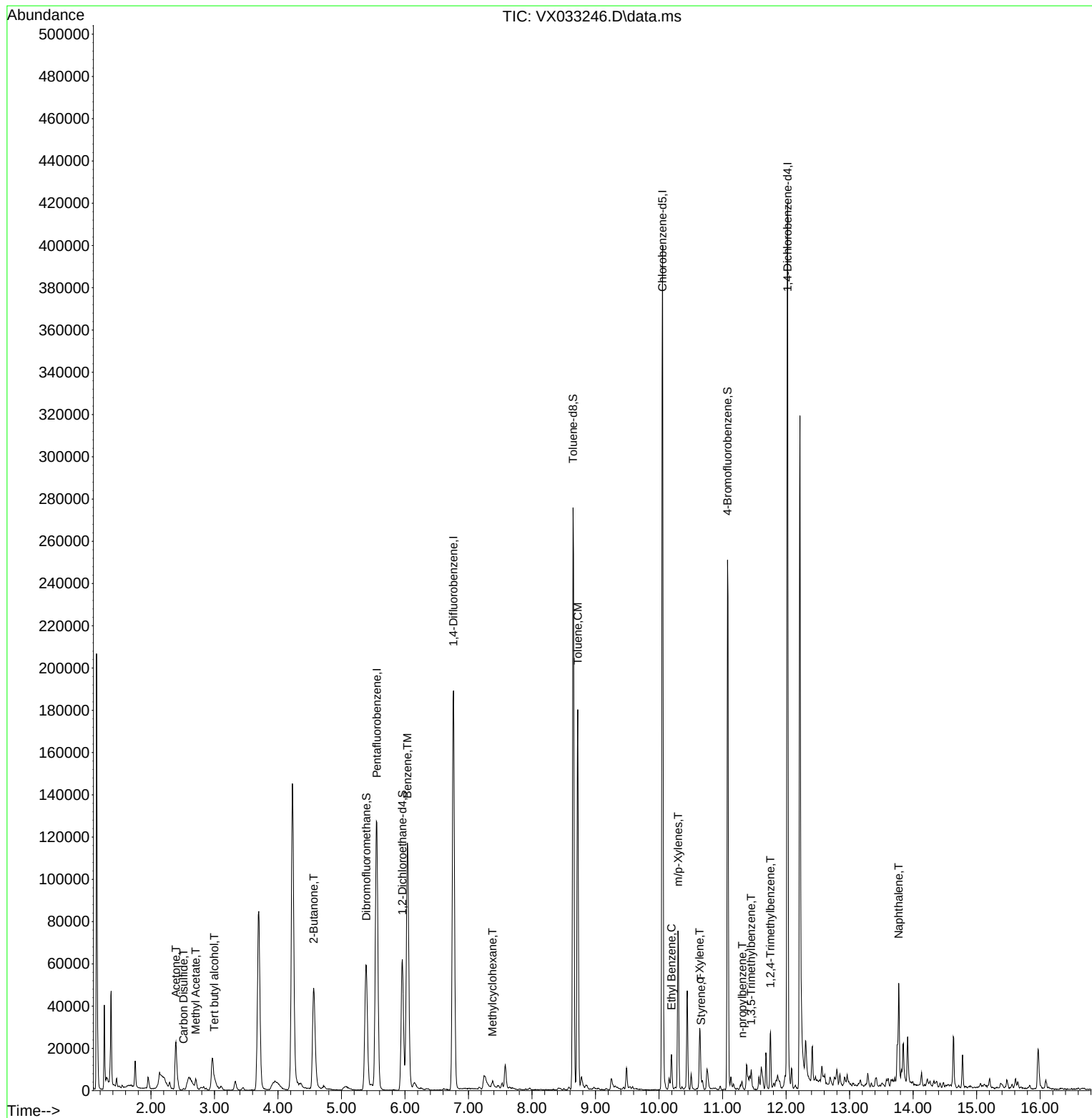
Internal Standards						
1) Pentafluorobenzene	5.556	168	123589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62662	52.014	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.020%			
35) Dibromofluoromethane	5.391	113	53064	47.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.600%			
50) Toluene-d8	8.647	98	165797	49.083	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	66082	44.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.700%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	12238	64.144	ug/l #	72
16) Acetone	2.392	43	29711	52.858	ug/l	99
17) Carbon Disulfide	2.514	76	949	0.318	ug/l	95
18) Methyl Acetate	2.703	43	5933	3.813	ug/l	93
25) 2-Butanone	4.562	43	87611	113.035	ug/l	98
39) Methylcyclohexane	7.379	83	1332	0.651	ug/l #	89
40) Benzene	6.038	78	142293	28.295	ug/l	100
52) Toluene	8.720	92	65978	19.941	ug/l	98
67) Ethyl Benzene	10.195	91	9360	1.477	ug/l	100
68) m/p-Xylenes	10.299	106	17074	6.879	ug/l	97
69) o-Xylene	10.640	106	6092	2.537	ug/l	95
70) Styrene	10.659	104	2116	0.539	ug/l #	68
78) n-propylbenzene	11.311	91	2307	0.322	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	4090	0.777	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	11611	2.213	ug/l	99
95) Naphthalene	13.774	128	26136	4.664	ug/l	99

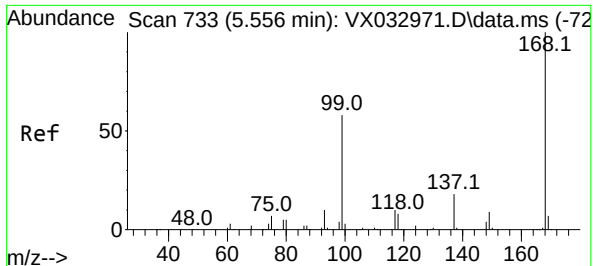
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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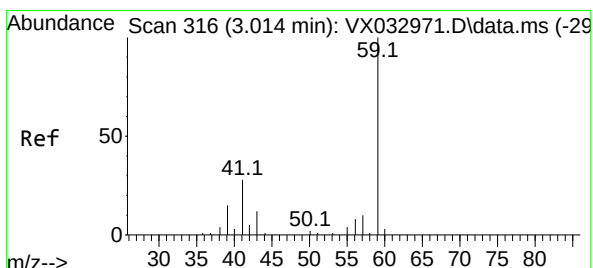
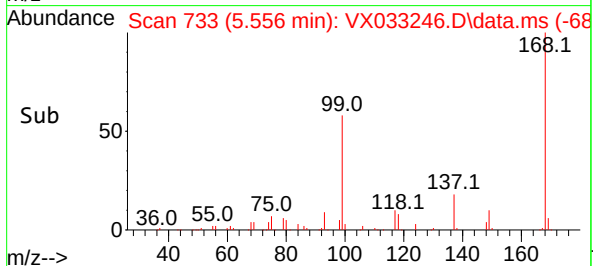
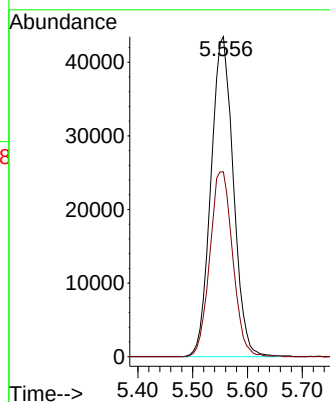
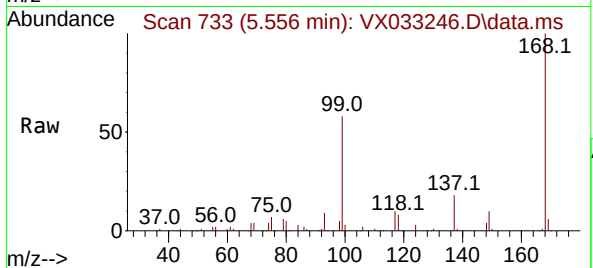




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

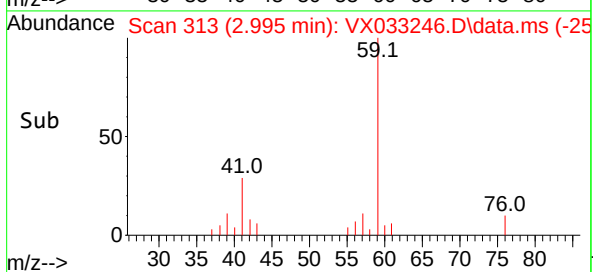
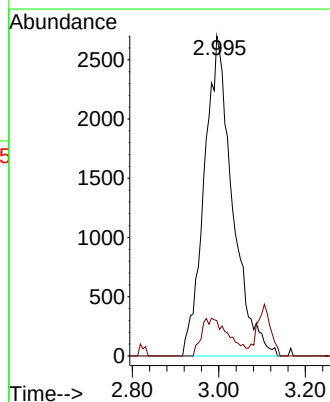
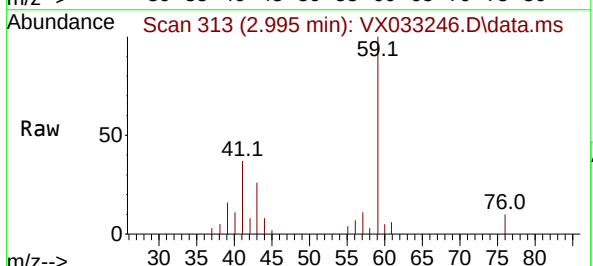
Instrument :
MSVOA_X
ClientSampleId :
ORA-0583

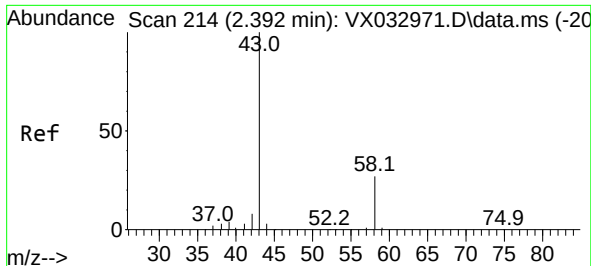
Tgt Ion:168 Resp: 123589
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 64.144 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion: 59 Resp: 12238
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

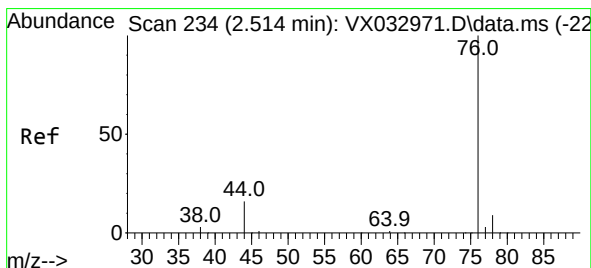
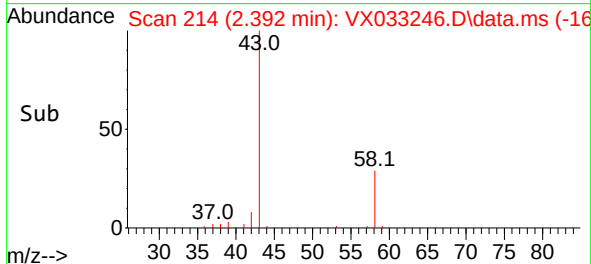
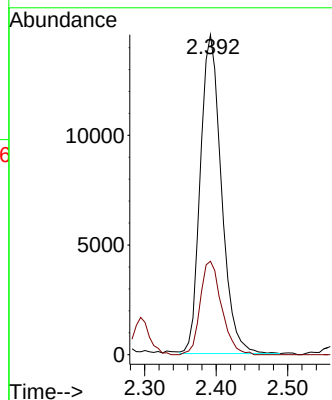
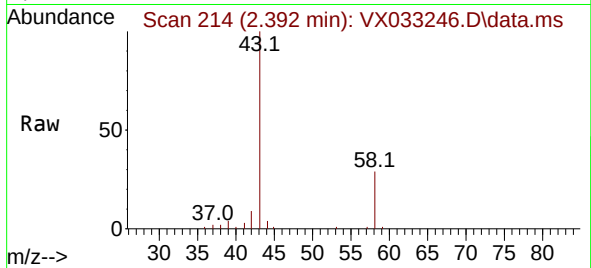




#16
Acetone
Concen: 52.858 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

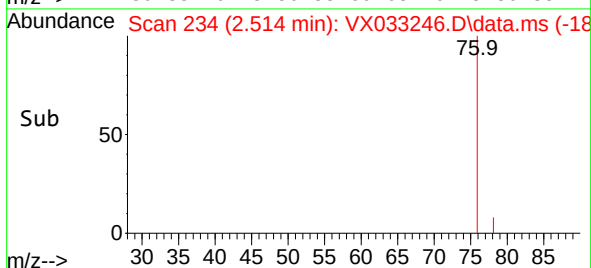
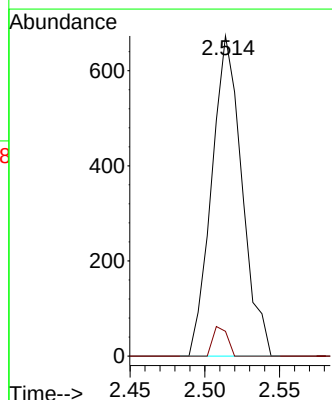
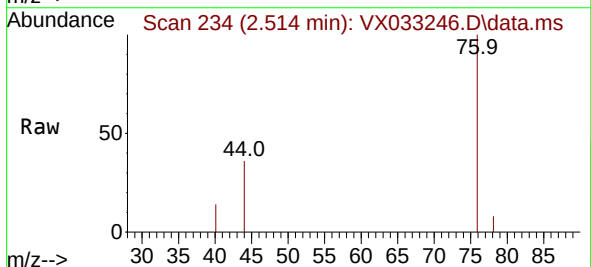
Instrument :
MSVOA_X
ClientSampleId :
ORA-0583

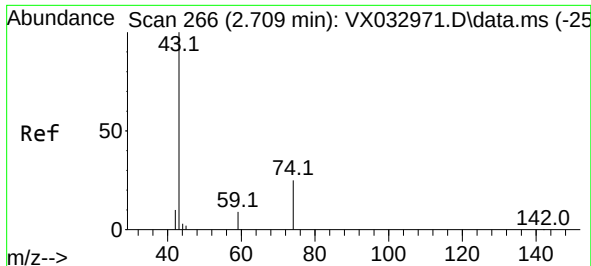
Tgt Ion: 43 Resp: 29711
Ion Ratio Lower Upper
43 100
58 29.3 23.8 35.8



#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion: 76 Resp: 949
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3





#18

Methyl Acetate

Concen: 3.813 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX033246.D

Acq: 05 Dec 2022 23:08

Instrument :

MSVOA_X

ClientSampleId :

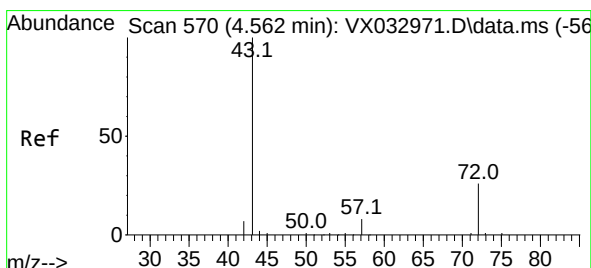
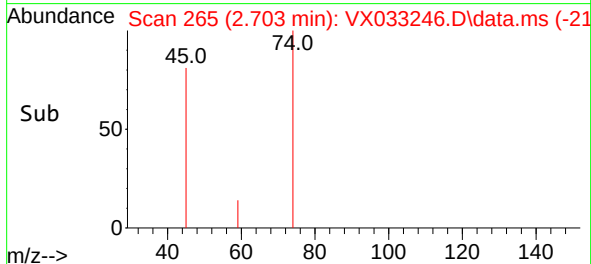
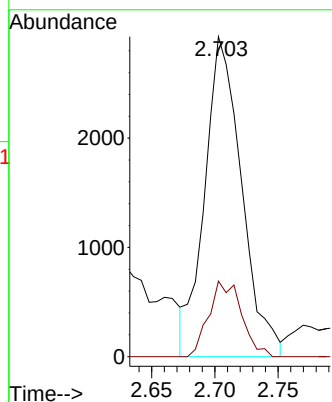
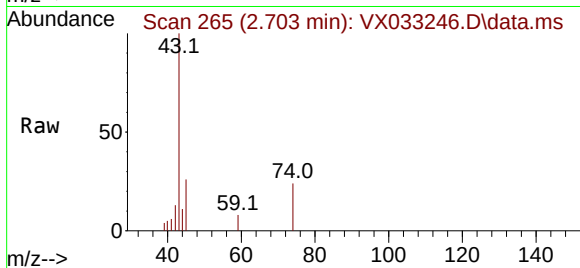
ORA-0583

Tgt Ion: 43 Resp: 5933

Ion Ratio Lower Upper

43 100

74 21.0 19.4 29.0



#25

2-Butanone

Concen: 113.035 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX033246.D

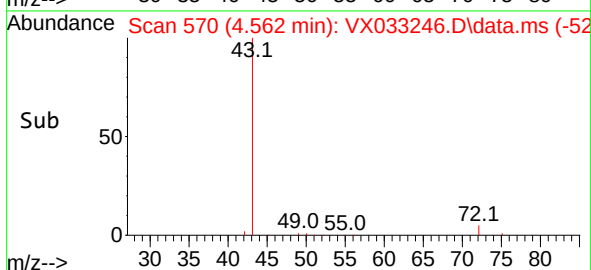
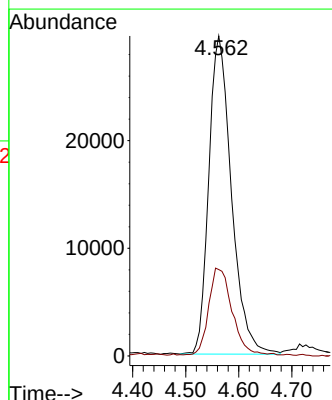
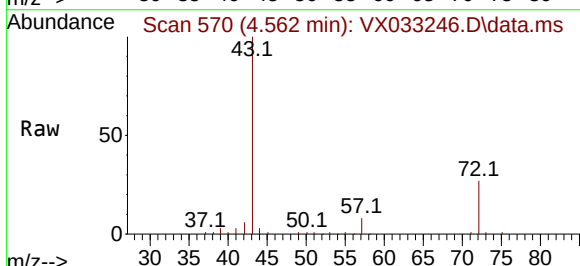
Acq: 05 Dec 2022 23:08

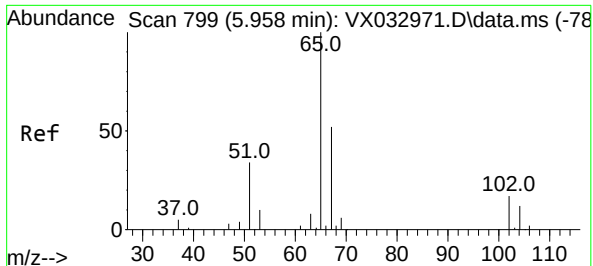
Tgt Ion: 43 Resp: 87611

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 52.014 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033246.D

Acq: 05 Dec 2022 23:08

Instrument :

MSVOA_X

ClientSampleId :

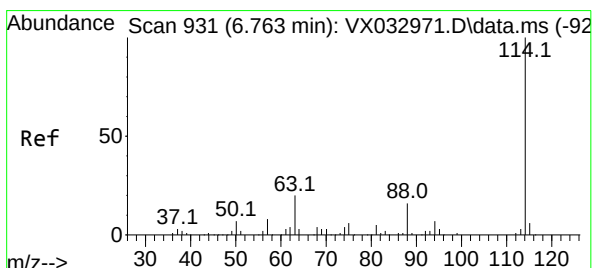
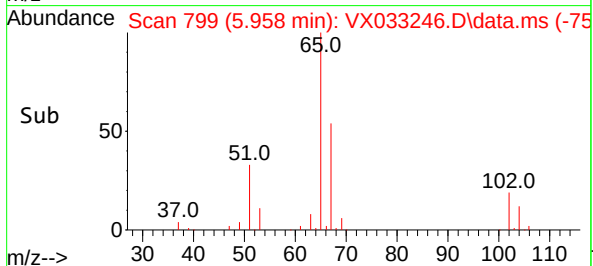
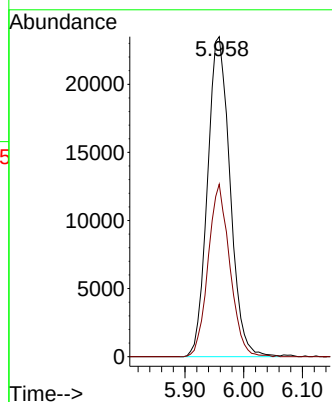
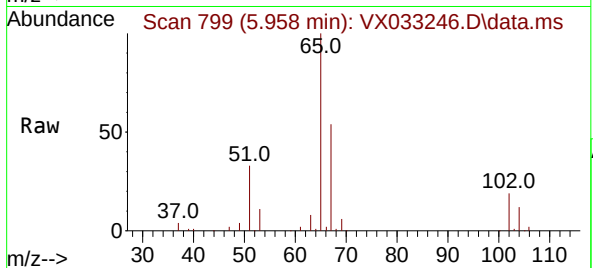
ORA-0583

Tgt Ion: 65 Resp: 62662

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033246.D

Acq: 05 Dec 2022 23:08

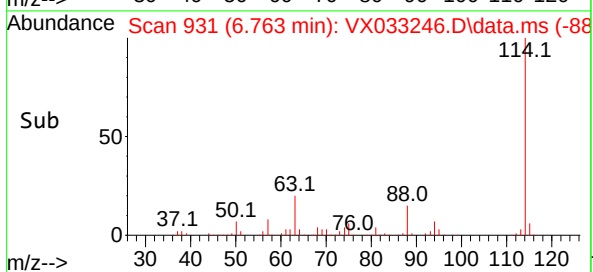
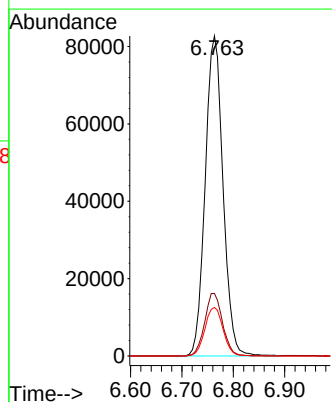
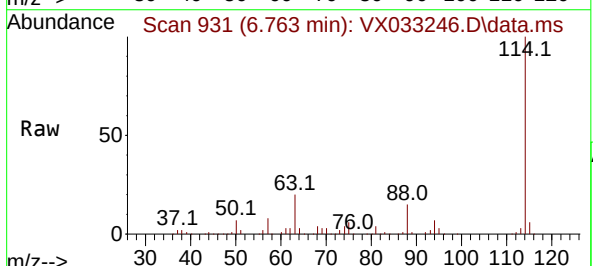
Tgt Ion: 114 Resp: 198978

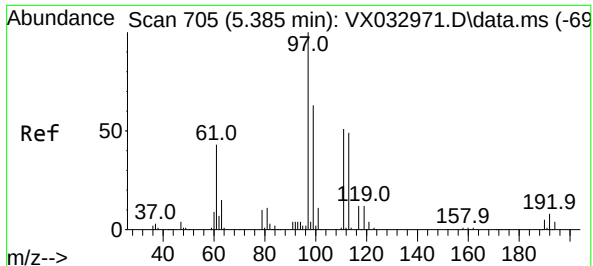
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.1 0.0 33.4

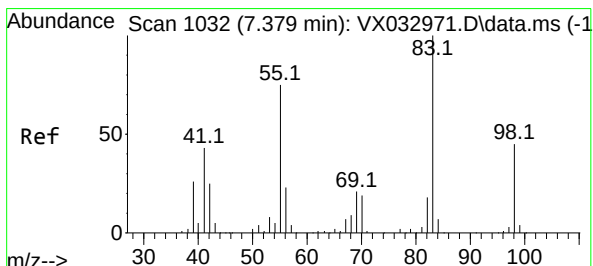
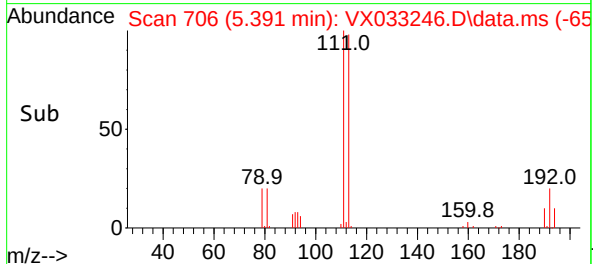
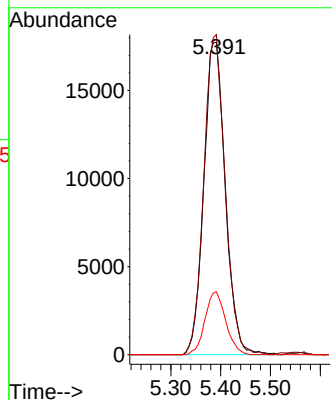
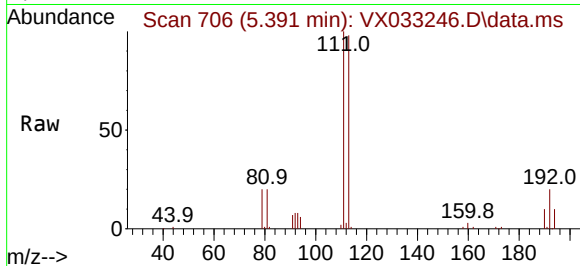




#35
Dibromofluoromethane
Concen: 47.304 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

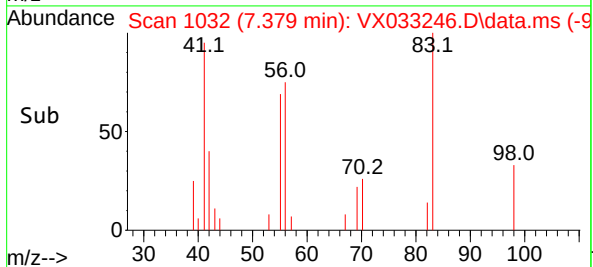
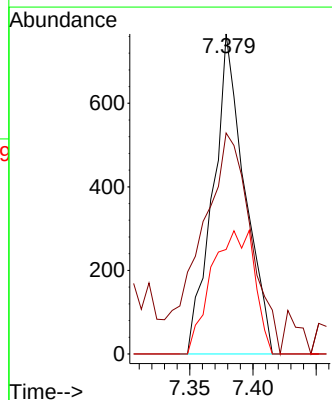
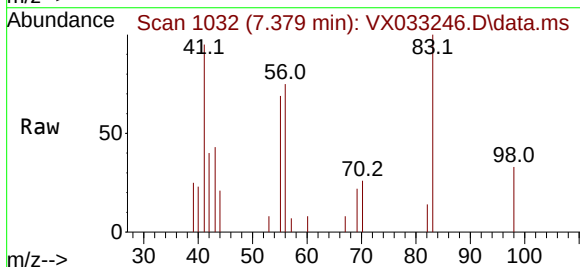
Instrument :
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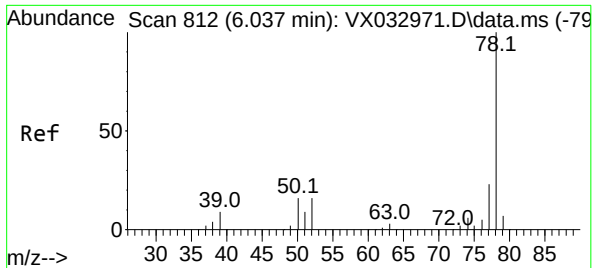
Tgt Ion:113 Resp: 53064
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 19.4 15.4 23.2



#39
Methylcyclohexane
Concen: 0.651 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion: 83 Resp: 1332
Ion Ratio Lower Upper
83 100
55 69.1 58.4 87.6
98 32.6 37.2 55.8#

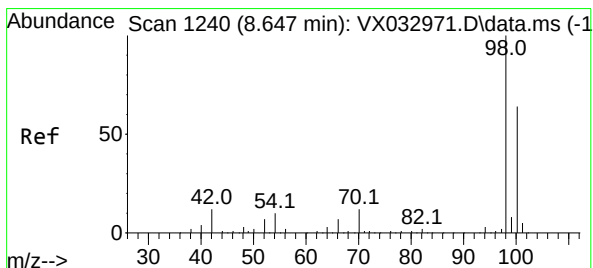
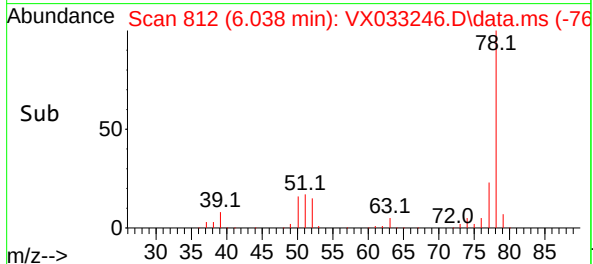
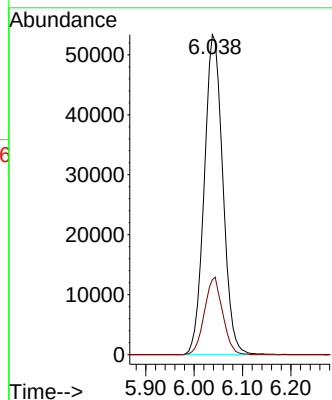
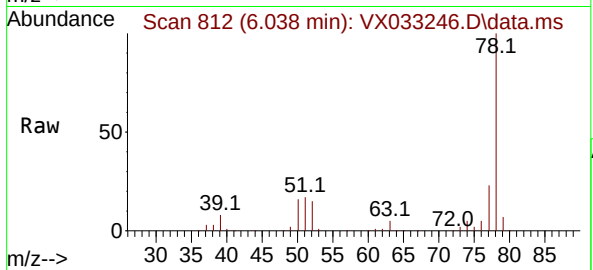




#40
Benzene
Concen: 28.295 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

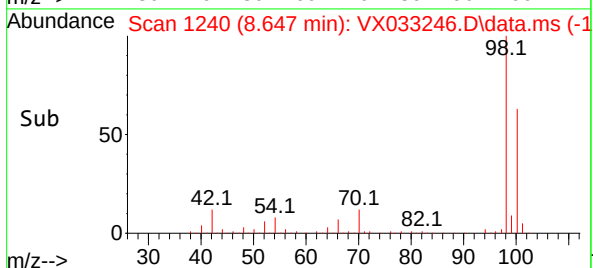
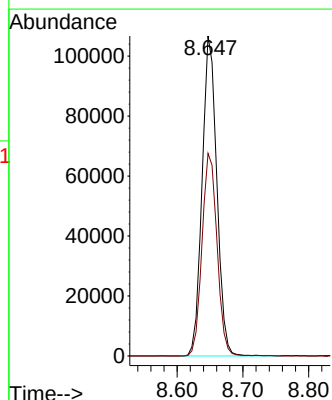
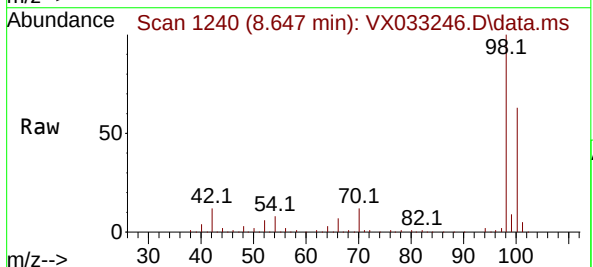
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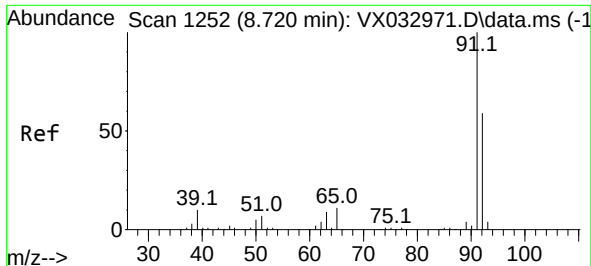
Tgt Ion: 78 Resp: 142293
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



#50
Toluene-d8
Concen: 49.083 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion: 98 Resp: 165797
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

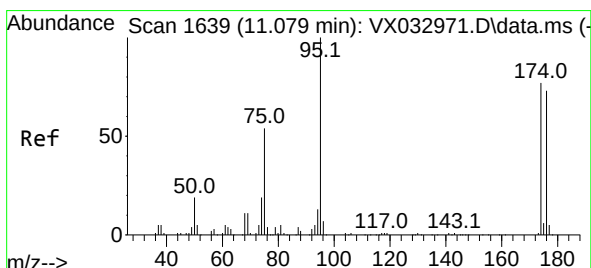
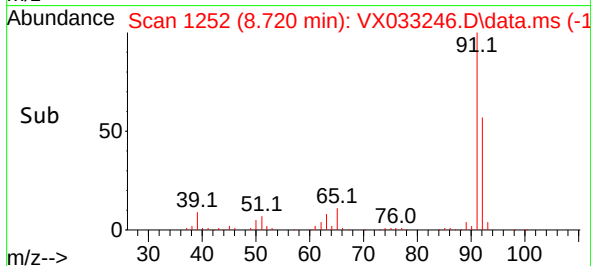
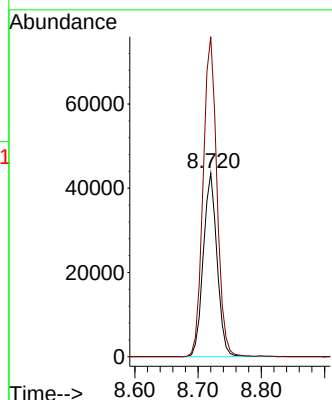
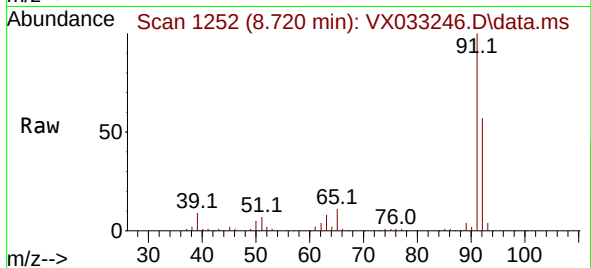




#52
Toluene
Concen: 19.941 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

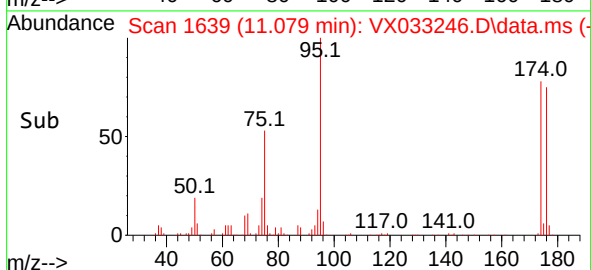
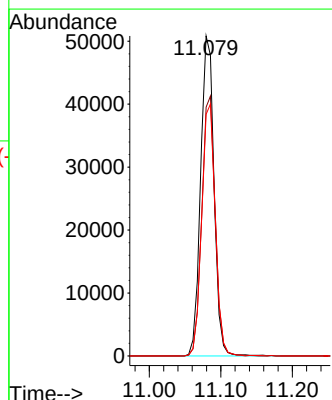
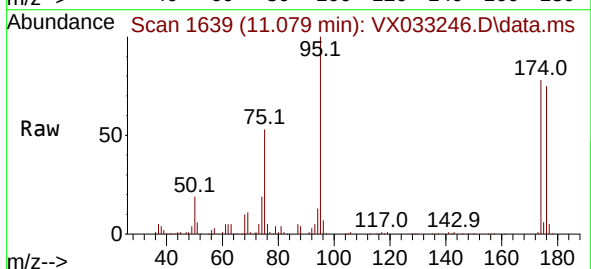
Instrument :
MSVOA_X
ClientSampleId :
ORA-0583

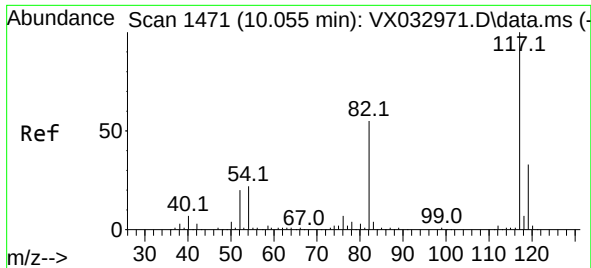
Tgt Ion: 92 Resp: 65978
Ion Ratio Lower Upper
92 100
91 175.2 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 44.845 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion: 95 Resp: 66082
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.8 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: VX033246.D

Acq: 05 Dec 2022 23:08

Instrument :

MSVOA_X

ClientSampleId :

ORA-0583

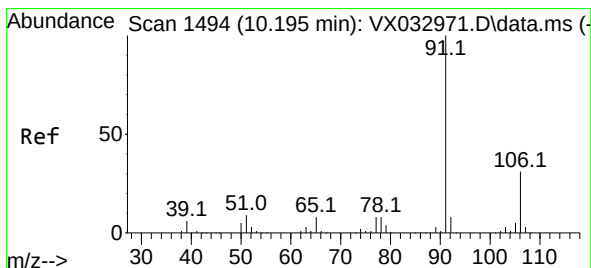
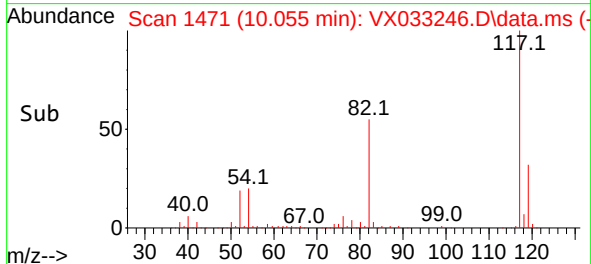
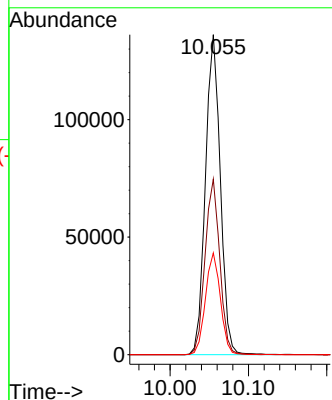
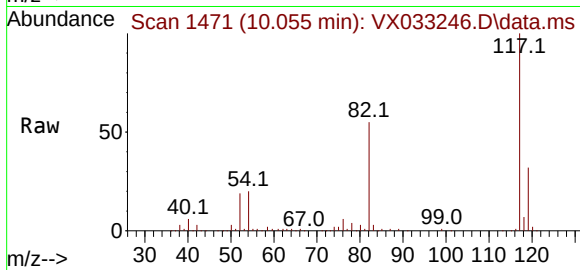
Tgt Ion:117 Resp: 179212

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

119 31.8 25.7 38.5



#67

Ethyl Benzene

Concen: 1.477 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033246.D

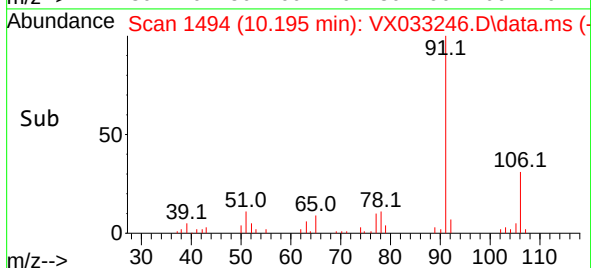
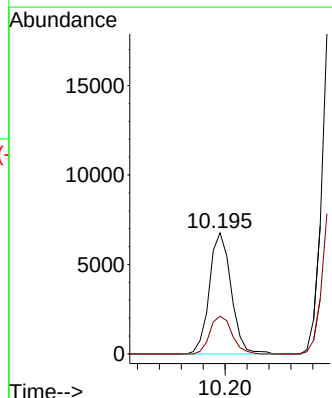
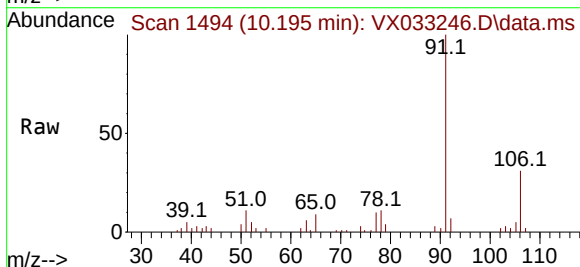
Acq: 05 Dec 2022 23:08

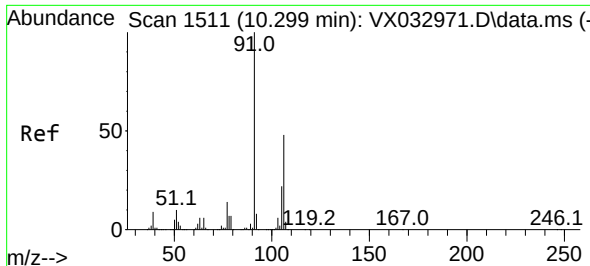
Tgt Ion: 91 Resp: 9360

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6

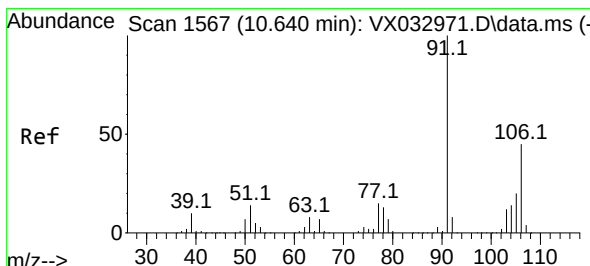
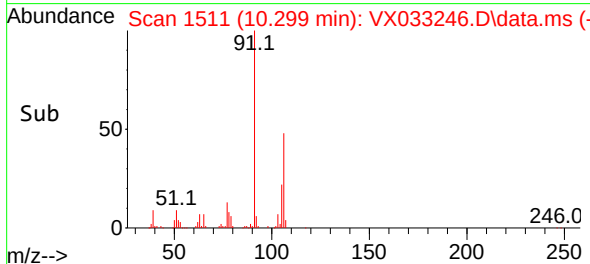
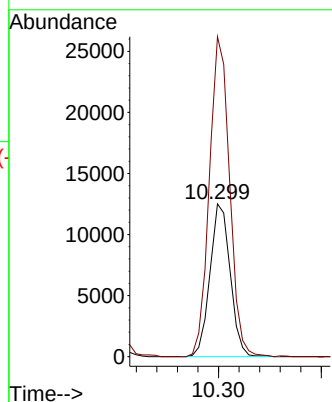
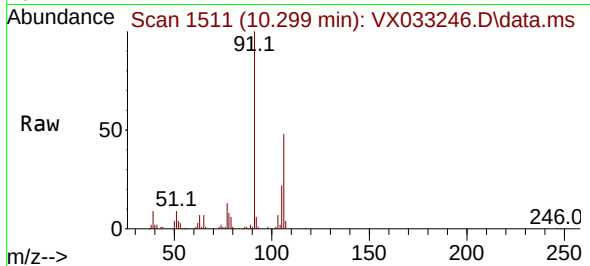




#68
m/p-Xylenes
Concen: 6.879 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

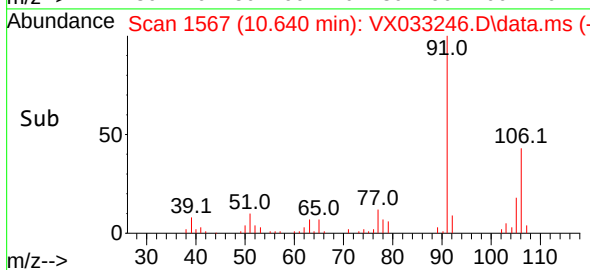
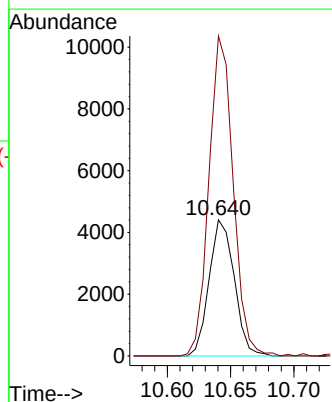
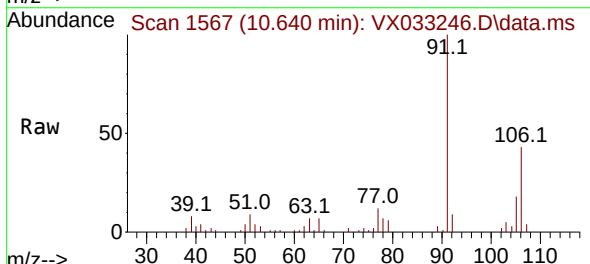
Instrument :
MSVOA_X
ClientSampleId :
ORA-0583

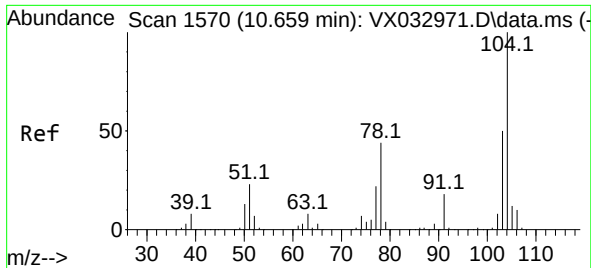
Tgt Ion:106 Resp: 17074
Ion Ratio Lower Upper
106 100
91 209.8 164.5 246.7



#69
o-Xylene
Concen: 2.537 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion:106 Resp: 6092
Ion Ratio Lower Upper
106 100
91 227.1 109.2 327.6

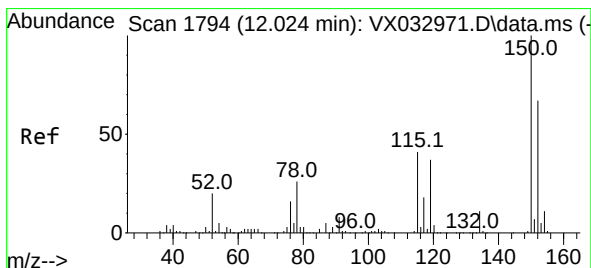
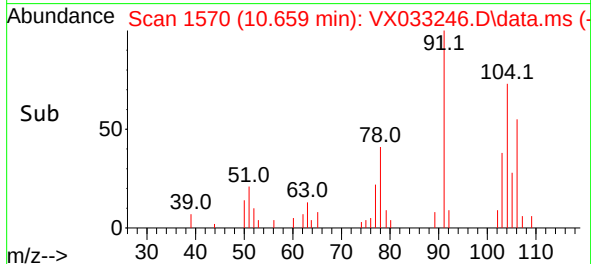
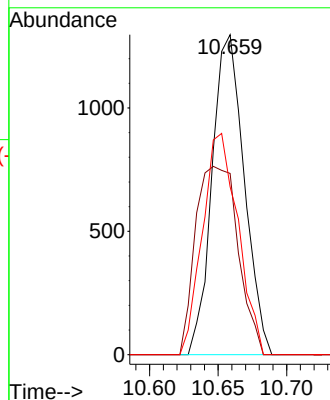
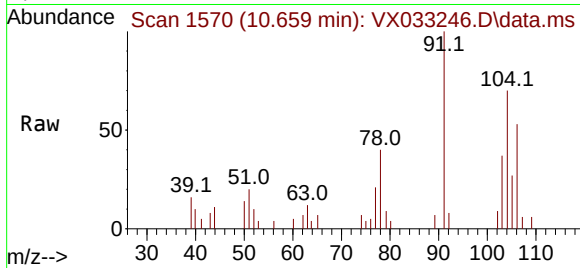




#70
Styrene
Concen: 0.539 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

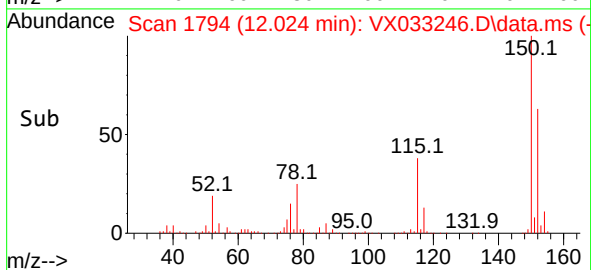
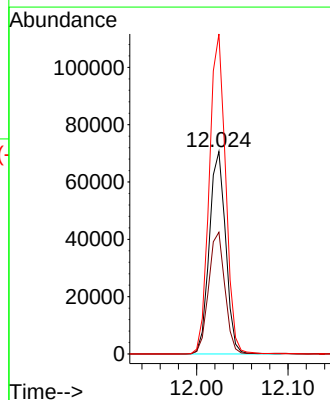
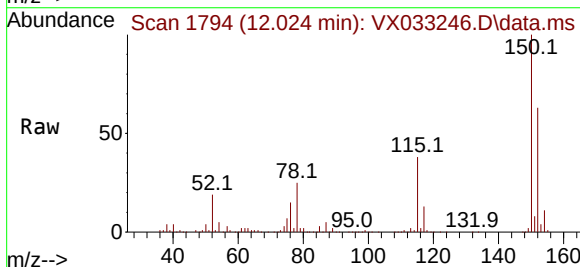
Instrument :
MSVOA_X
ClientSampleId :
ORA-0583

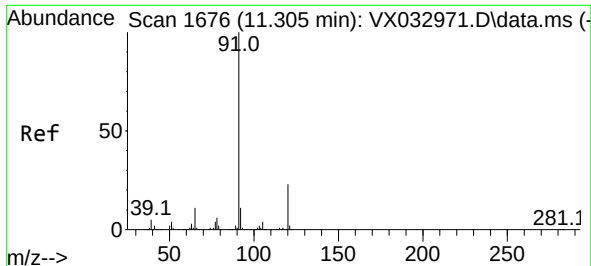
Tgt Ion:104 Resp: 2116
Ion Ratio Lower Upper
104 100
78 77.7 41.8 62.8#
103 76.3 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion:152 Resp: 87639
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 158.1 0.0 351.8

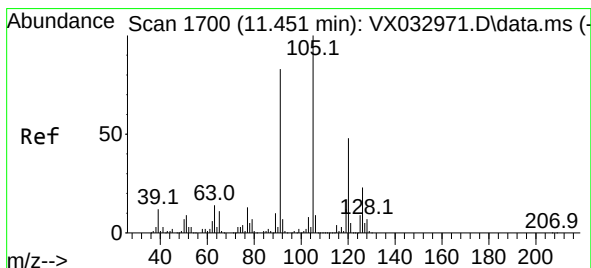
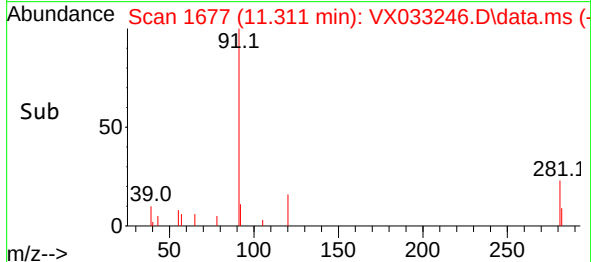
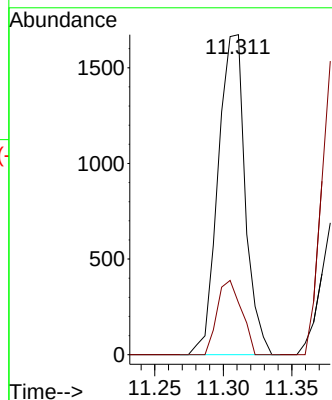
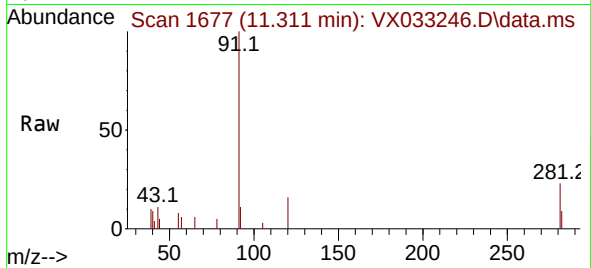




#78
n-propylbenzene
Concen: 0.322 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

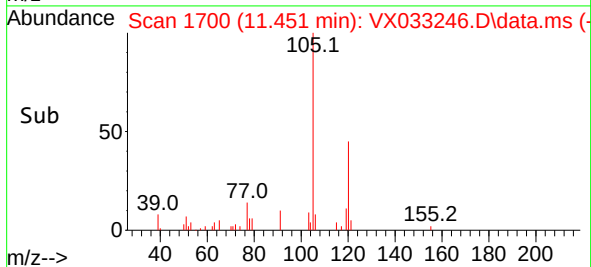
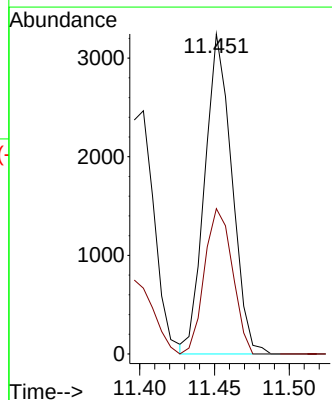
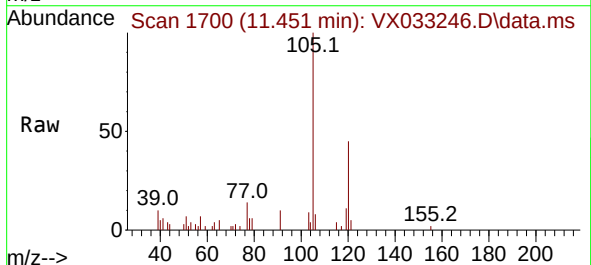
Instrument :
MSVOA_X
ClientSampleId :
ORA-0583

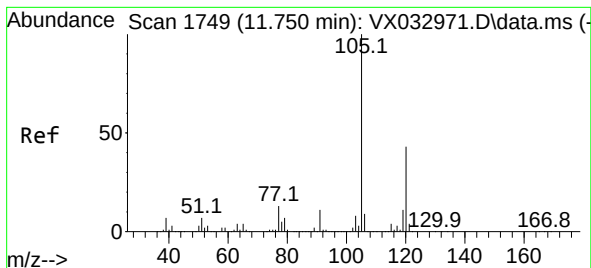
Tgt Ion: 91 Resp: 2307
Ion Ratio Lower Upper
91 100
120 20.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.777 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033246.D
Acq: 05 Dec 2022 23:08

Tgt Ion: 105 Resp: 4090
Ion Ratio Lower Upper
105 100
120 46.7 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 2.213 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033246.D

Acq: 05 Dec 2022 23:08

Instrument :

MSVOA_X

ClientSampleId :

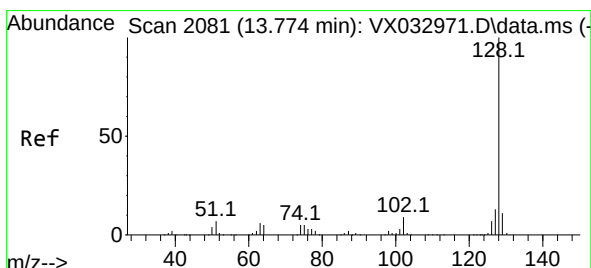
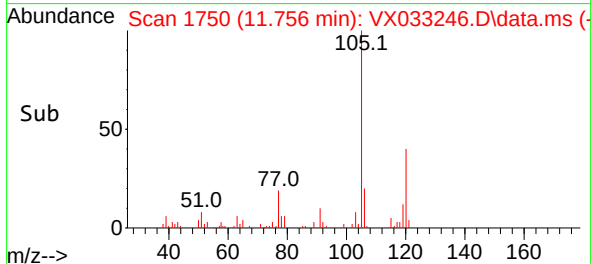
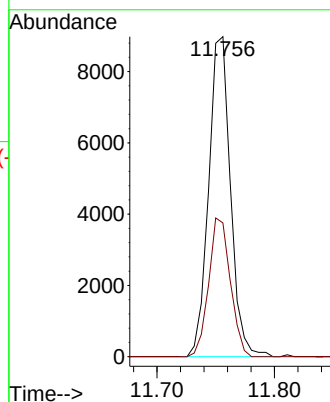
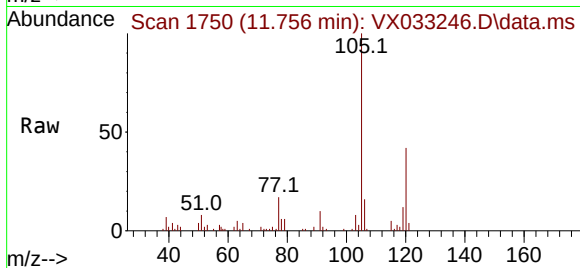
ORA-0583

Tgt Ion:105 Resp: 11611

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.5



#95

Naphthalene

Concen: 4.664 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033246.D

Acq: 05 Dec 2022 23:08

Tgt Ion:128 Resp: 26136

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 11.2 8.9 13.3

