

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032894.D
 Acq On : 17 Nov 2022 12:57
 Operator : JC/MD
 Sample : N5650-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34270

Quant Time: Nov 18 01:40:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

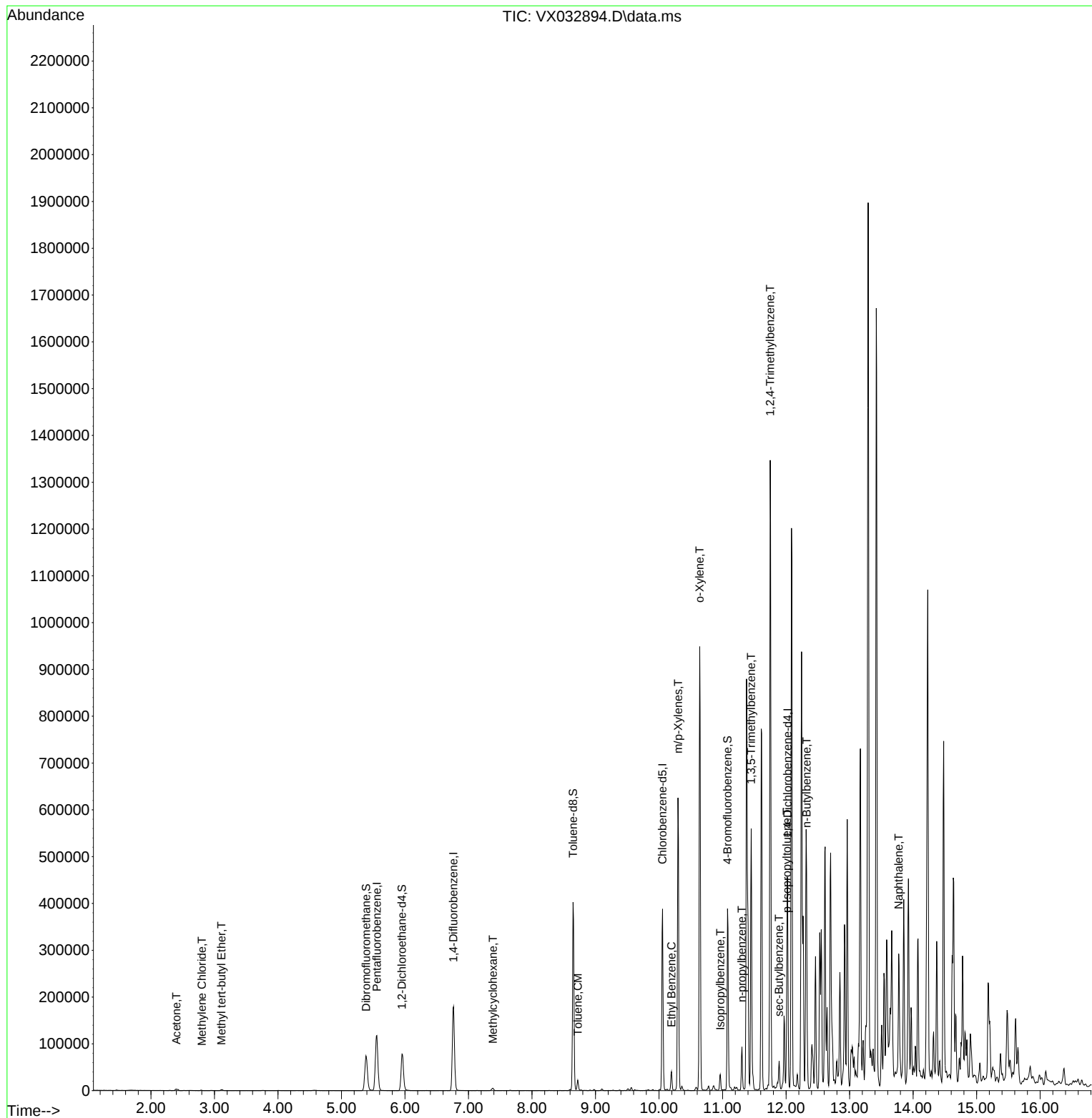
Internal Standards						
1) Pentafluorobenzene	5.556	168	110721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80378	52.246	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.500%			
35) Dibromofluoromethane	5.385	113	63918	48.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.000%			
50) Toluene-d8	8.647	98	231324	50.474	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.940%			
62) 4-Bromofluorobenzene	11.079	95	94930	53.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.060%			
Target Compounds					Qvalue	
16) Acetone	2.398	43	4261	7.620	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	2526	0.647	ug/l	95
20) Methylene Chloride	2.800	84	550	0.429	ug/l #	61
39) Methylcyclohexane	7.385	83	2308	1.063	ug/l #	82
52) Toluene	8.720	92	8109	2.393	ug/l	98
67) Ethyl Benzene	10.195	91	22428	3.320	ug/l	98
68) m/p-Xylenes	10.299	106	139478	53.173	ug/l	100
69) o-Xylene	10.640	106	200420	78.585	ug/l	100
73) Isopropylbenzene	10.963	105	17257	2.417	ug/l	98
78) n-propylbenzene	11.305	91	53177	6.463	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	230853	37.825	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	562280	92.629	ug/l	99
85) sec-Butylbenzene	11.890	105	28294	3.859	ug/l	89
86) p-Isopropyltoluene	12.012	119	28009	4.502	ug/l	99
89) n-Butylbenzene	12.323	91	73254	13.535	ug/l #	22
95) Naphthalene	13.774	128	167779	23.715	ug/l	98

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

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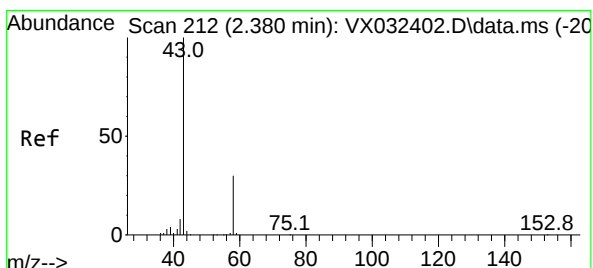
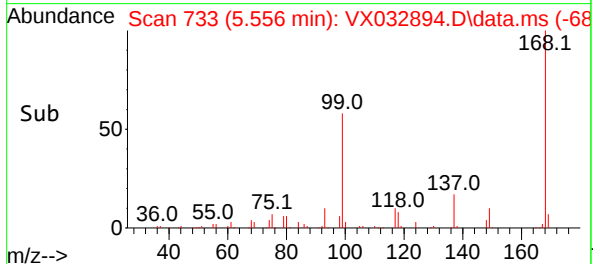
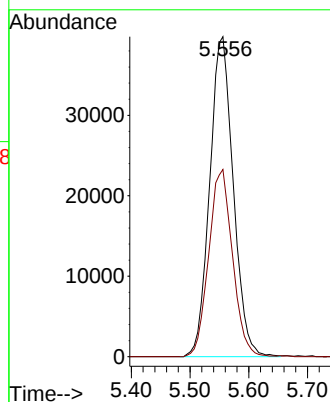
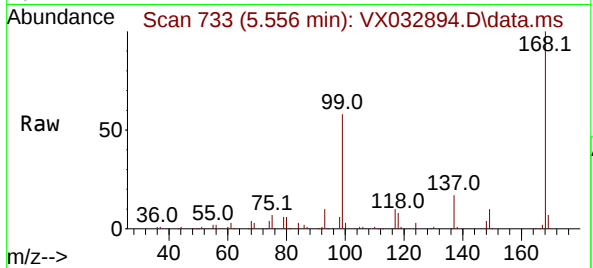




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

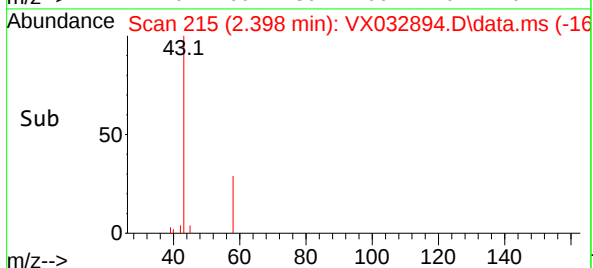
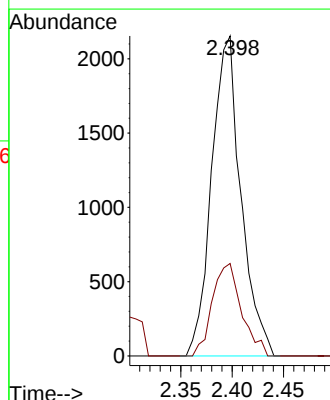
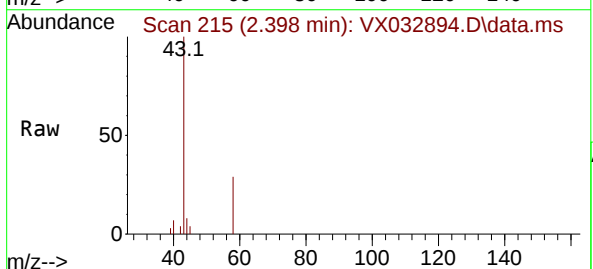
Instrument :
MSVOA_X
ClientSampleId :
34270

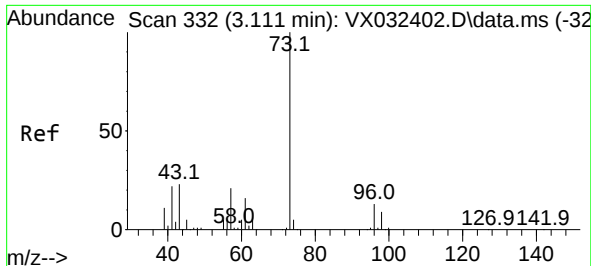
Tgt Ion:168 Resp: 110721
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#16
Acetone
Concen: 7.620 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 0.647 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032894.D

Acq: 17 Nov 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

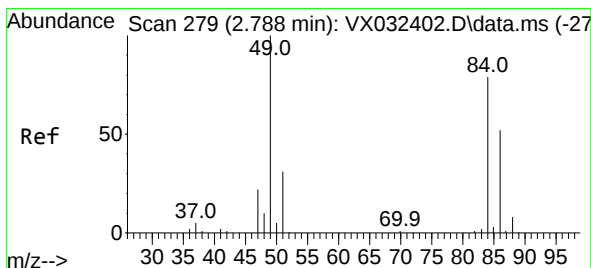
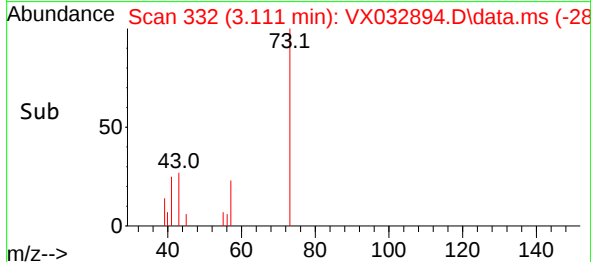
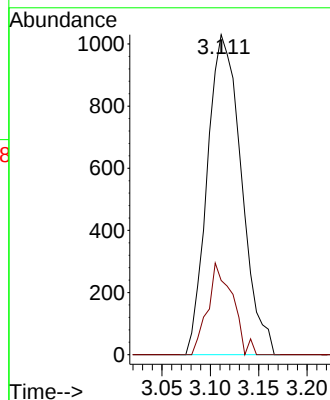
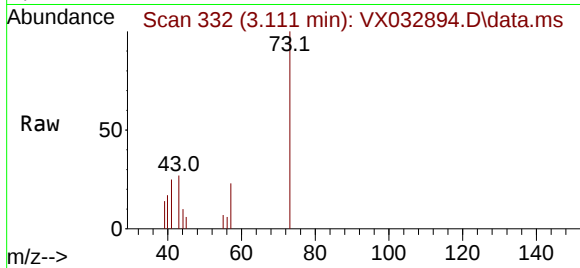
34270

Tgt Ion: 73 Resp: 2526

Ion Ratio Lower Upper

73 100

57 23.2 16.6 25.0



#20

Methylene Chloride

Concen: 0.429 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX032894.D

Acq: 17 Nov 2022 12:57

Tgt Ion: 84 Resp: 550

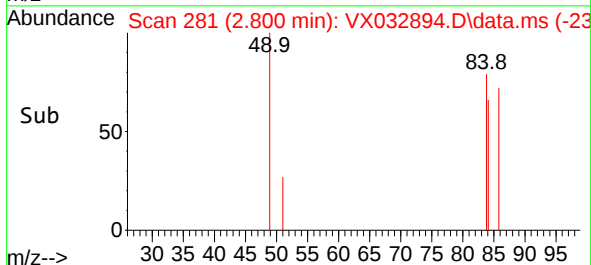
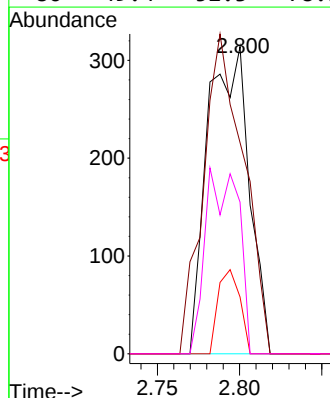
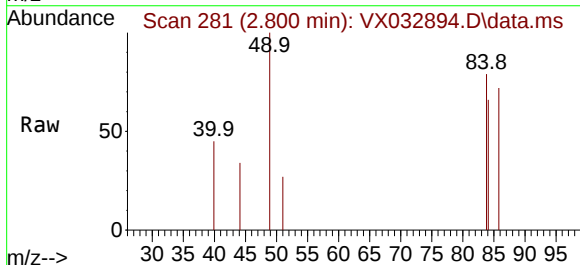
Ion Ratio Lower Upper

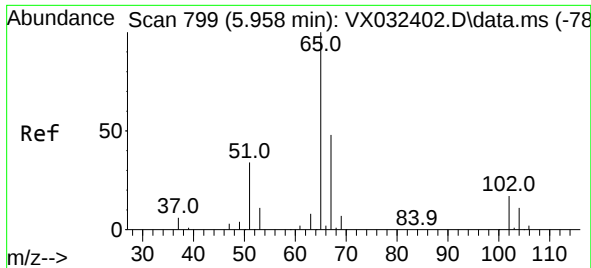
84 100

49 68.8 101.0 151.6#

51 18.5 31.1 46.7#

86 49.4 52.3 78.5#

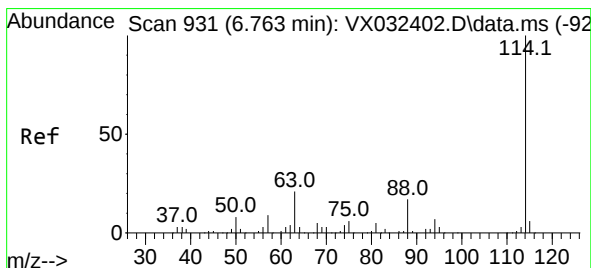
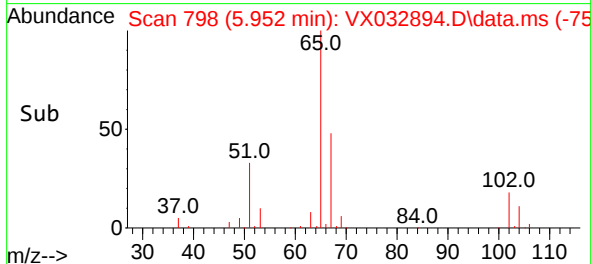
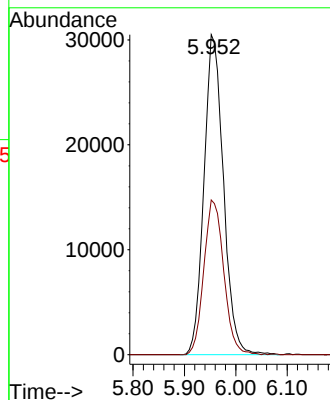
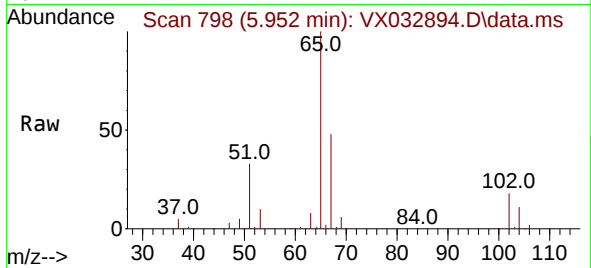




#33
 1,2-Dichloroethane-d4
 Concen: 52.246 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX032894.D
 Acq: 17 Nov 2022 12:57

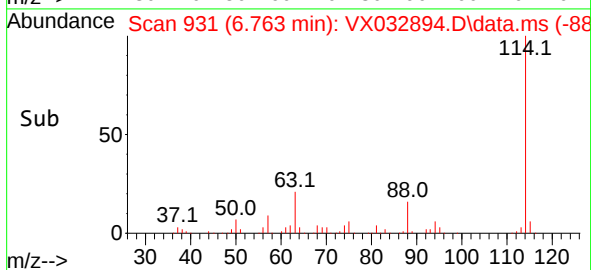
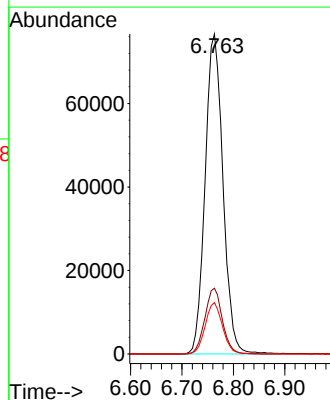
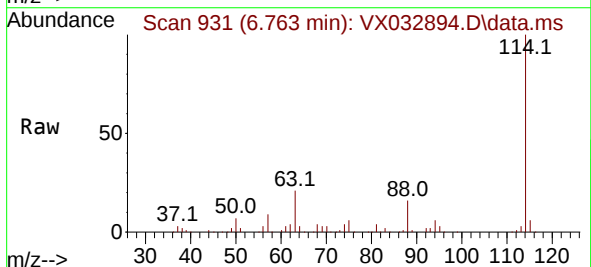
Instrument :
 MSVOA_X
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 34270

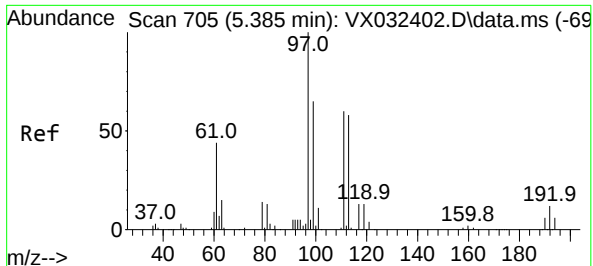
Tgt Ion: 65 Resp: 80378
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032894.D
 Acq: 17 Nov 2022 12:57

Tgt Ion: 114 Resp: 184774
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 16.1 0.0 33.4

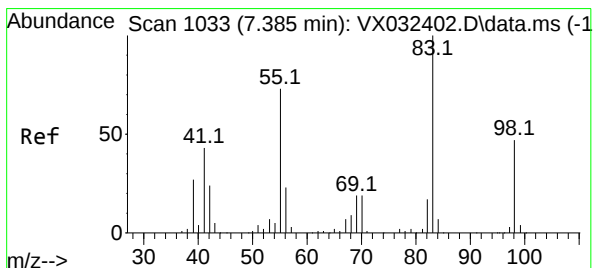
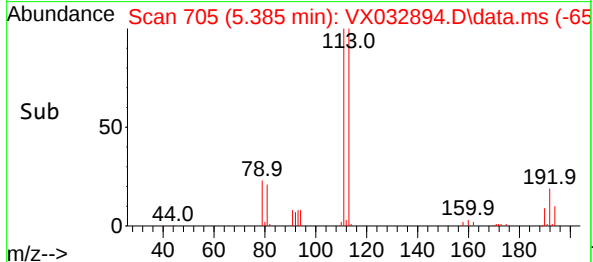
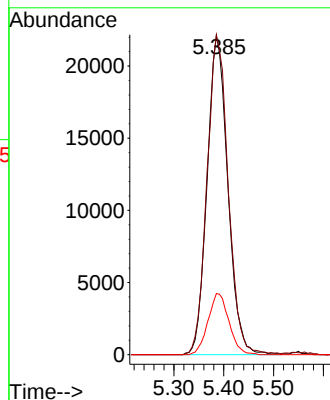
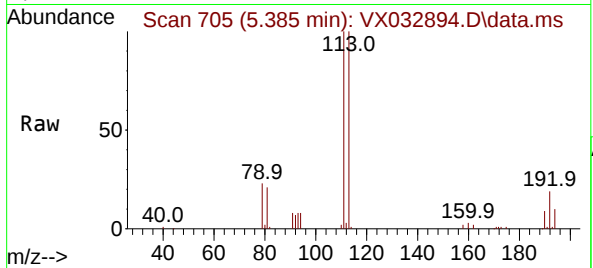




#35
Dibromofluoromethane
Concen: 48.496 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

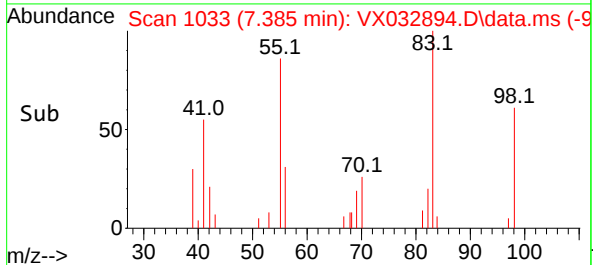
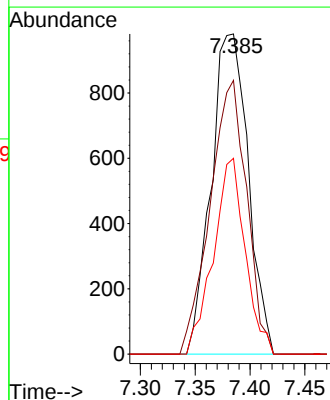
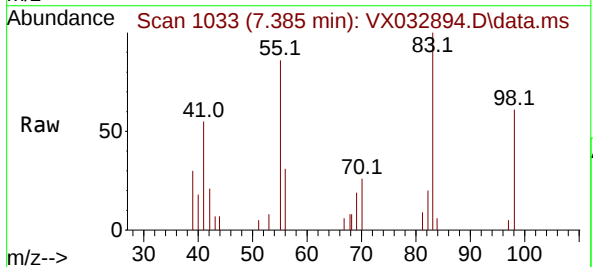
Instrument :
MSVOA_X
ClientSampleId :
34270

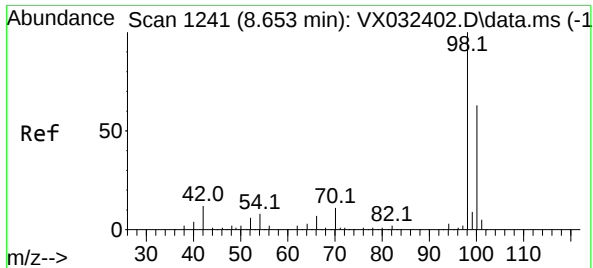
Tgt Ion:113 Resp: 63918
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.4 15.4 23.2



#39
Methylcyclohexane
Concen: 1.063 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
55 85.5 58.4 87.6
98 61.2 37.2 55.8#

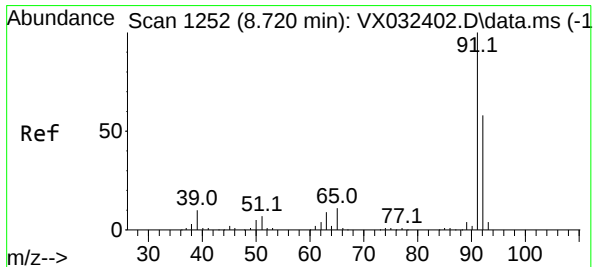
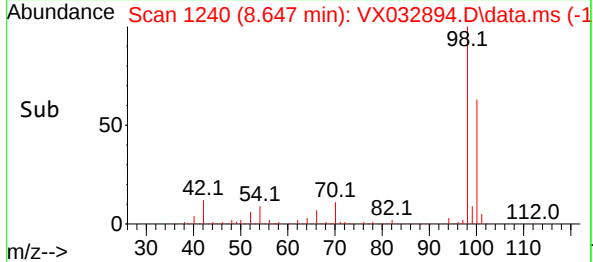
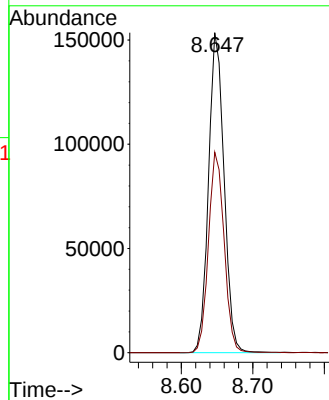
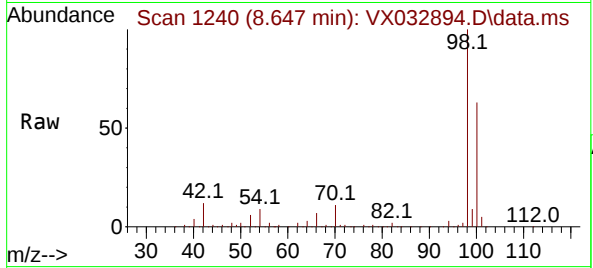




#50
Toluene-d8
Concen: 50.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

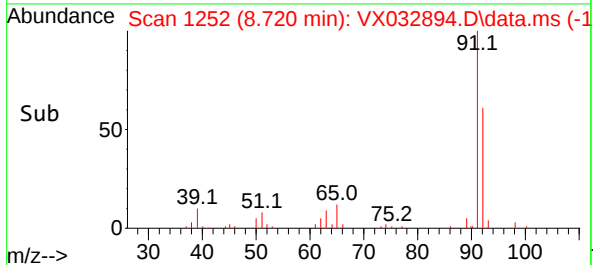
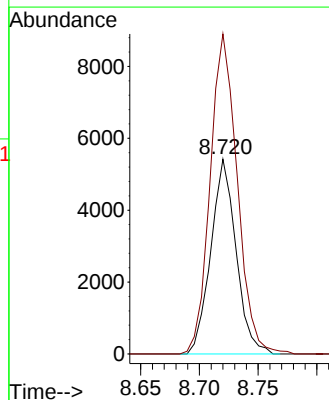
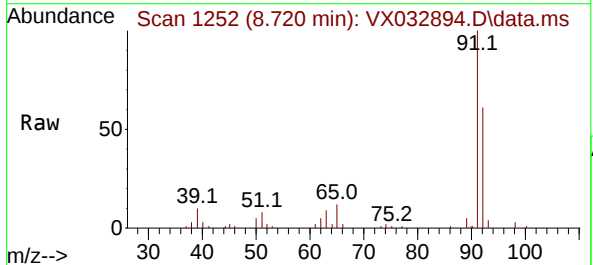
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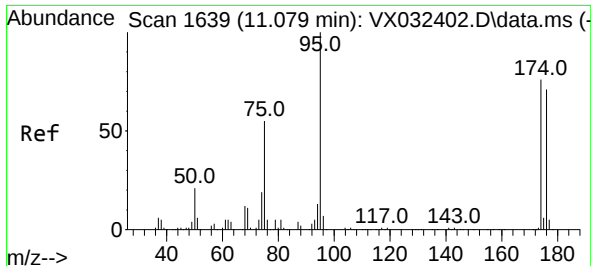
Tgt Ion: 98 Resp: 231324
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#52
Toluene
Concen: 2.393 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion: 92 Resp: 8109
Ion Ratio Lower Upper
92 100
91 176.2 138.3 207.5

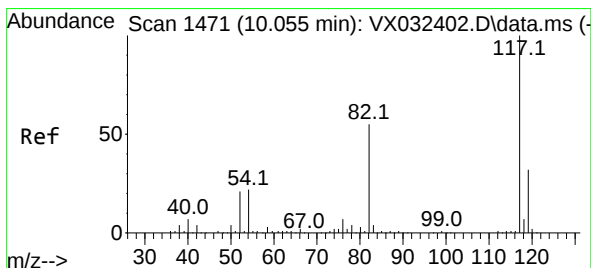
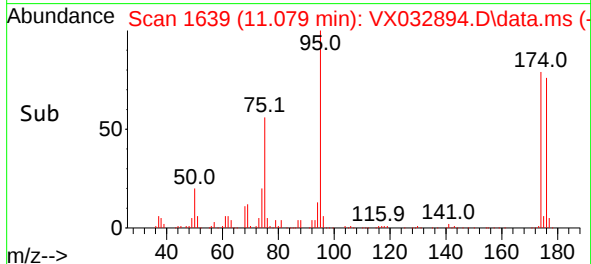
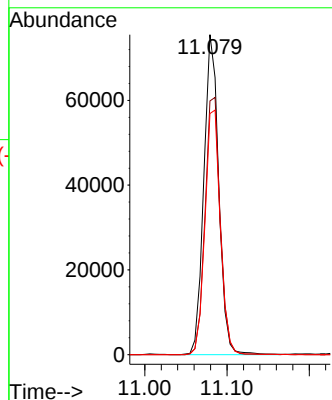
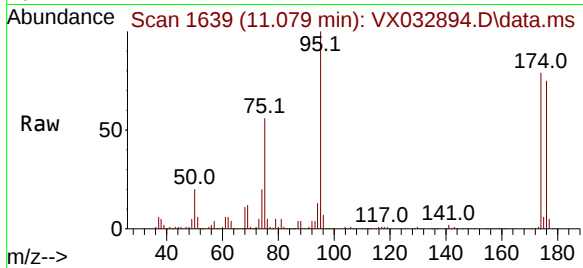




#62
4-Bromofluorobenzene
Concen: 53.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

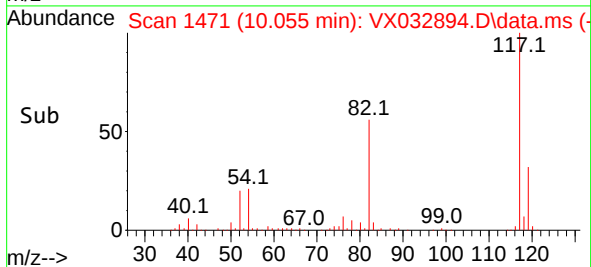
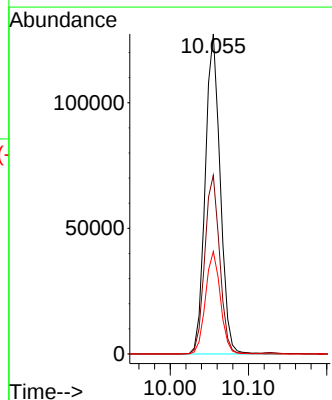
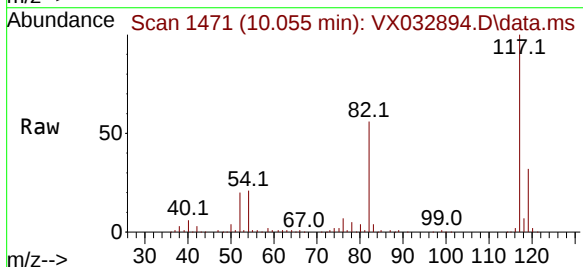
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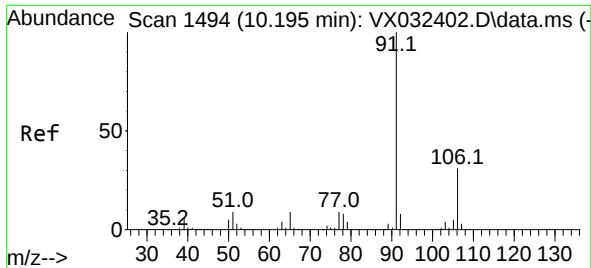
Tgt Ion: 95 Resp: 94930
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion: 117 Resp: 168638
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.0 25.7 38.5

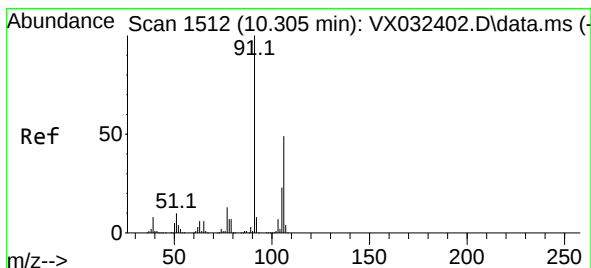
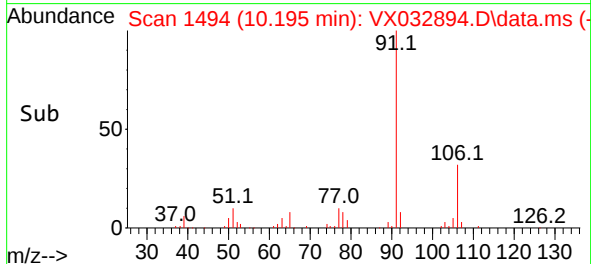
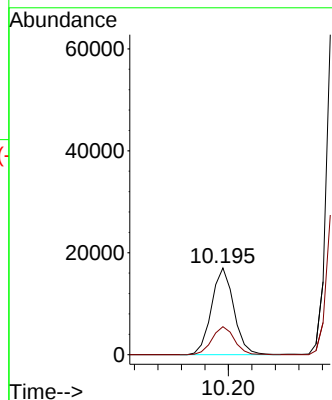
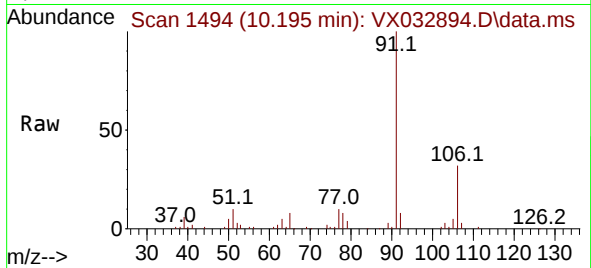




#67
Ethyl Benzene
Concen: 3.320 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

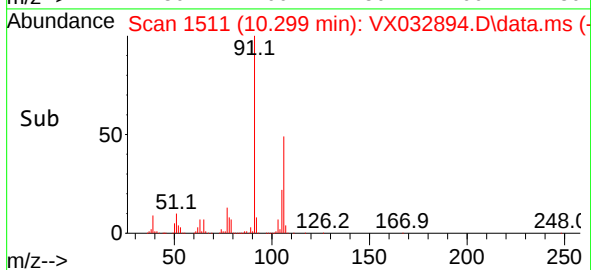
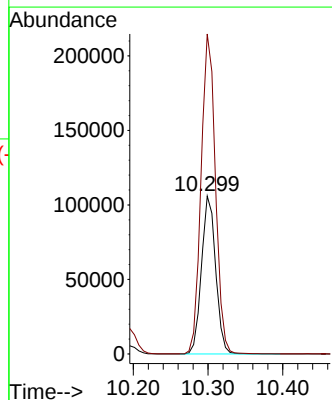
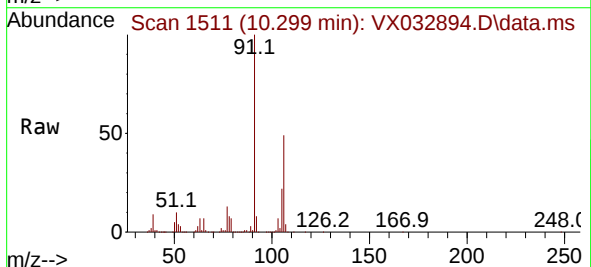
Instrument :
MSVOA_X
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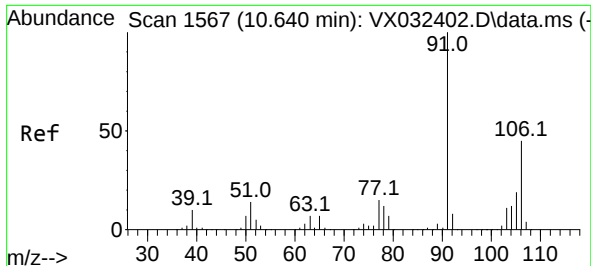
Tgt Ion: 91 Resp: 22428
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6



#68
m/p-Xylenes
Concen: 53.173 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion:106 Resp: 139478
Ion Ratio Lower Upper
106 100
91 205.3 164.5 246.7

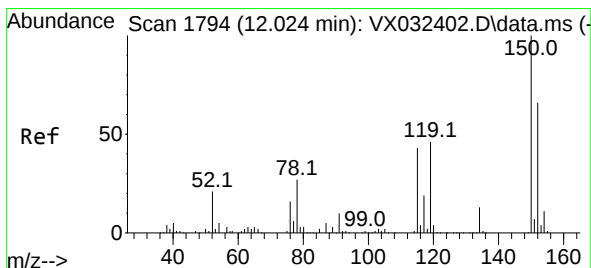
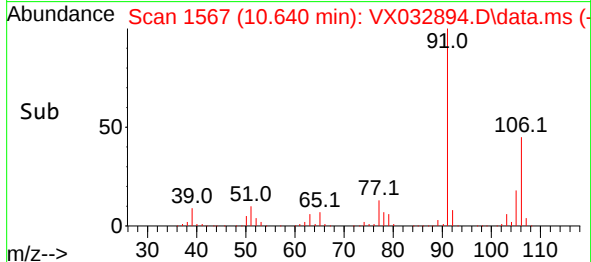
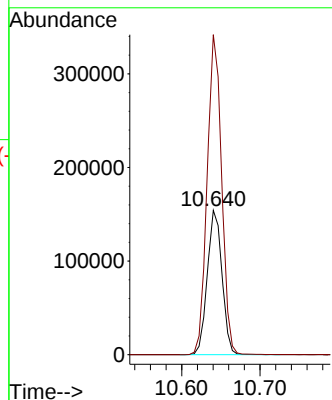
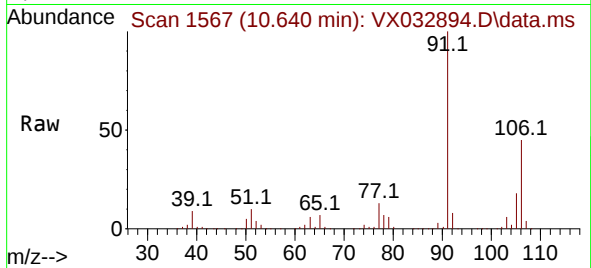




#69
o-Xylene
Concen: 78.585 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

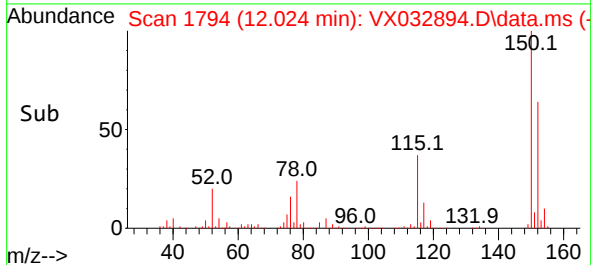
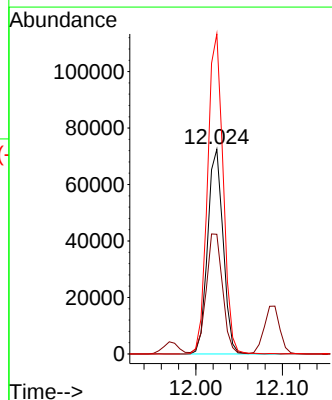
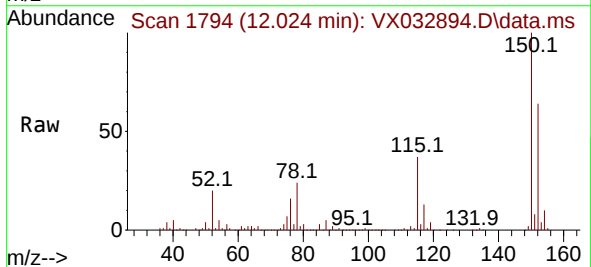
Instrument :
MSVOA_X
ClientSampleId :
34270

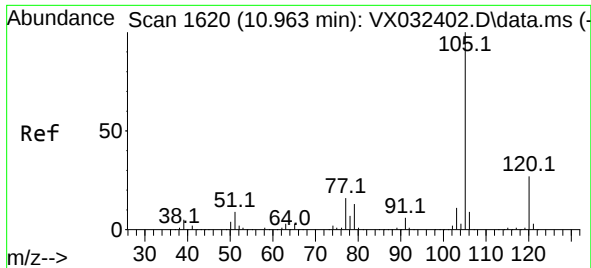
Tgt Ion:106 Resp: 200420
Ion Ratio Lower Upper
106 100
91 218.6 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion:152 Resp: 90117
Ion Ratio Lower Upper
152 100
115 62.1 44.0 132.0
150 157.3 0.0 351.8

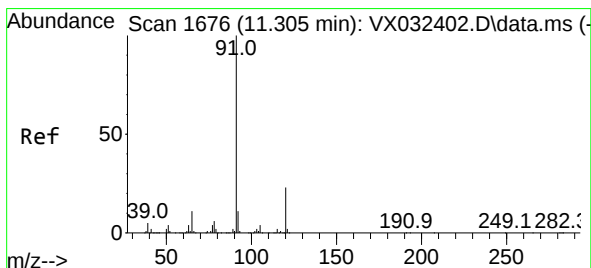
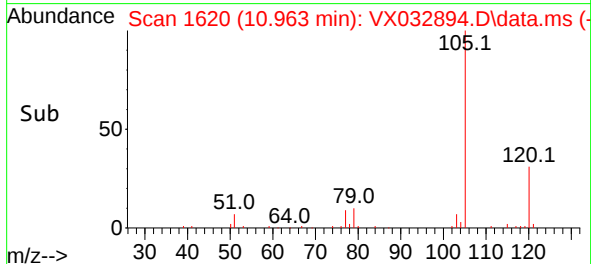
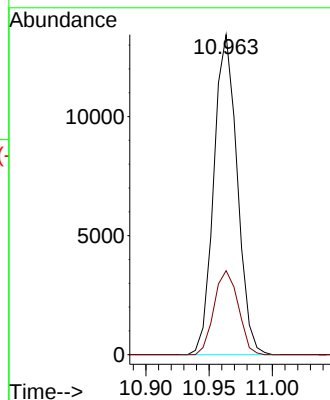
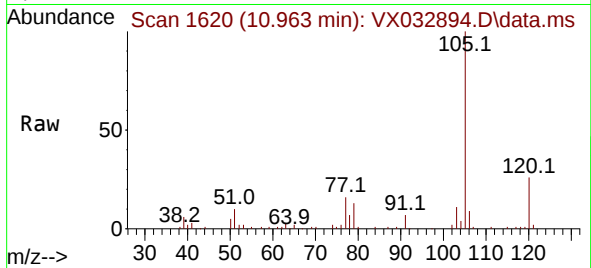




#73
Isopropylbenzene
Concen: 2.417 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

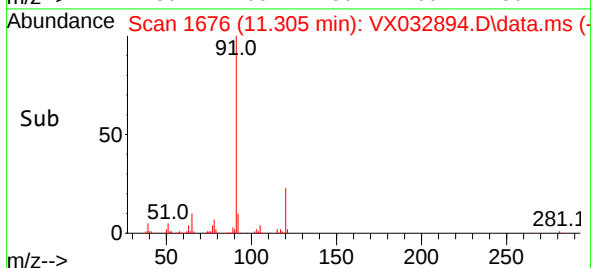
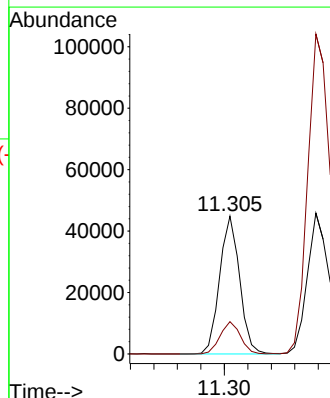
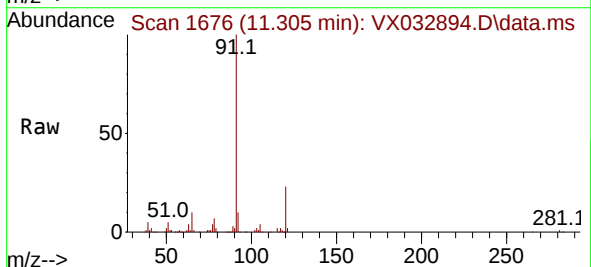
Instrument :
MSVOA_X
ClientSampleId :
34270

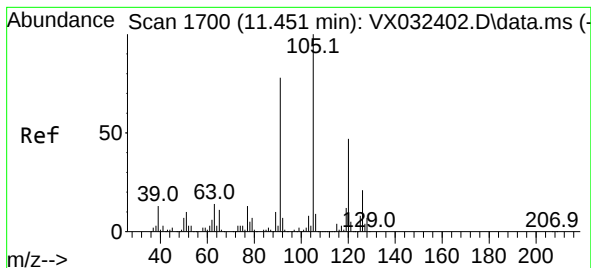
Tgt Ion:105 Resp: 17257
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3



#78
n-propylbenzene
Concen: 6.463 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032894.D
Acq: 17 Nov 2022 12:57

Tgt Ion: 91 Resp: 53177
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 37.825 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032894.D

Acq: 17 Nov 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

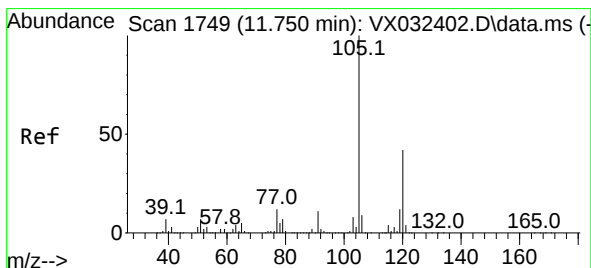
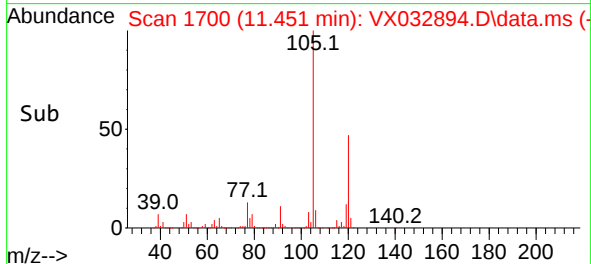
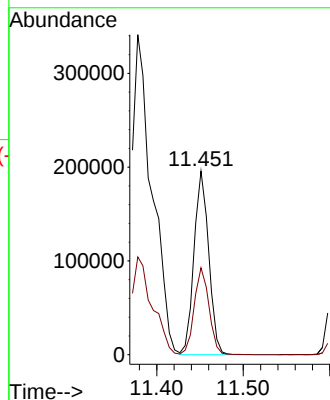
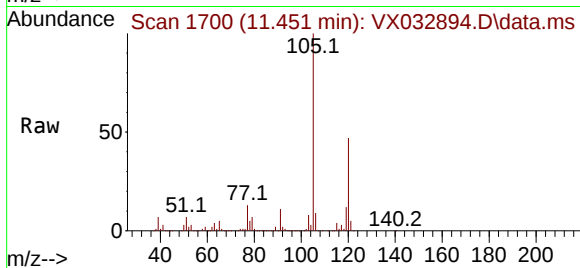
34270

Tgt Ion:105 Resp: 230853

Ion Ratio Lower Upper

105 100

120 47.5 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 92.629 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX032894.D

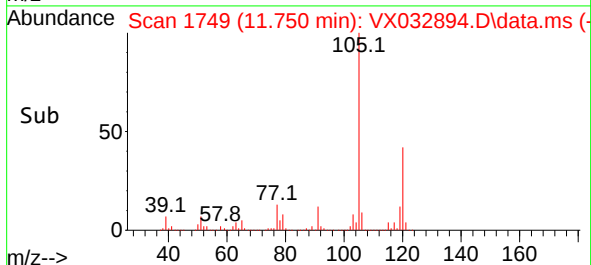
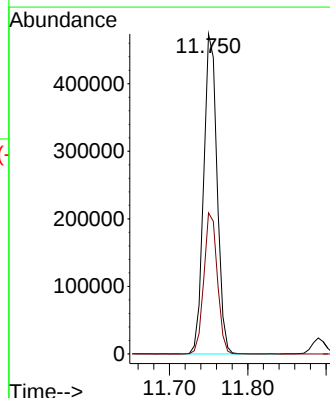
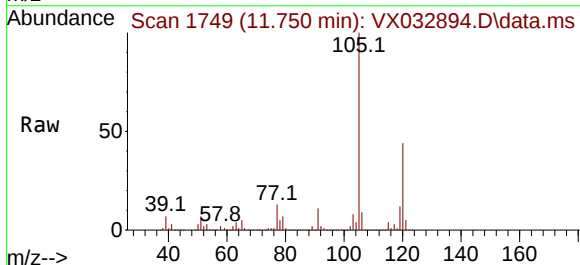
Acq: 17 Nov 2022 12:57

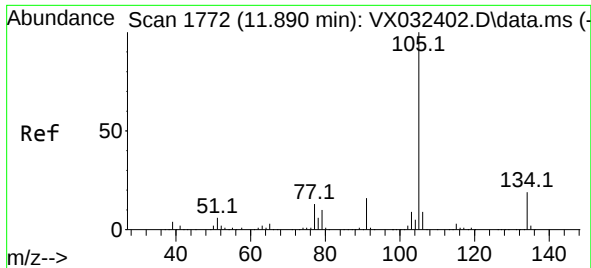
Tgt Ion:105 Resp: 562280

Ion Ratio Lower Upper

105 100

120 44.4 21.9 65.5

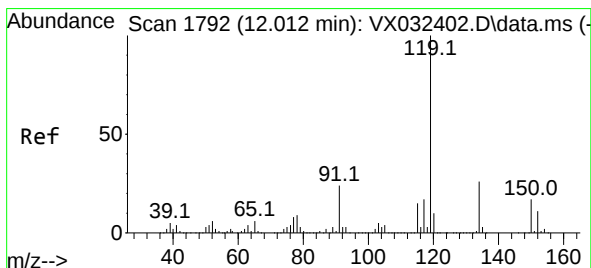
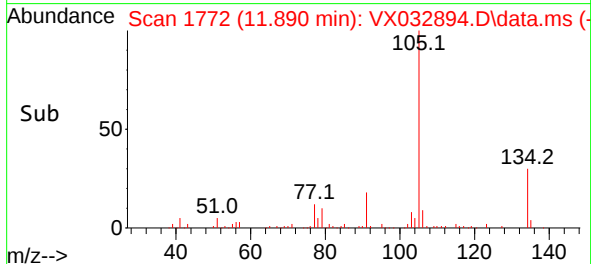
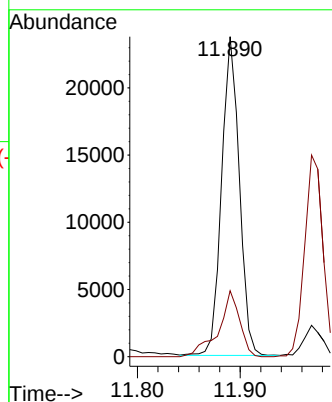
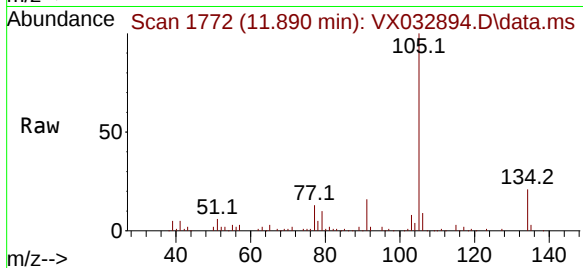




#85
 sec-Butylbenzene
 Concen: 3.859 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032894.D
 Acq: 17 Nov 2022 12:57

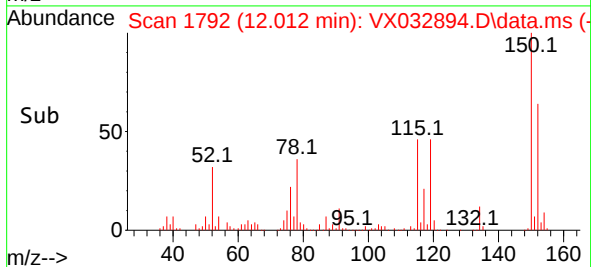
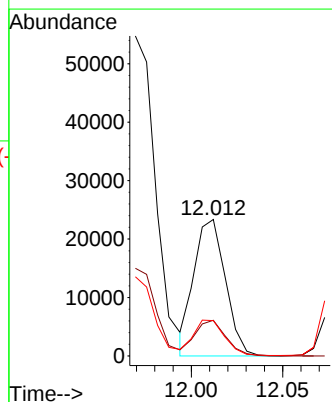
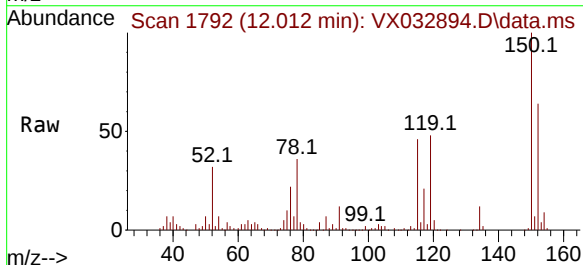
Instrument :
 MSVOA_X
 ClientSampleId :
 34270

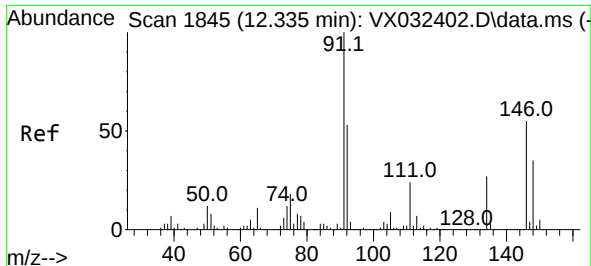
Tgt Ion:105 Resp: 28294
 Ion Ratio Lower Upper
 105 100
 134 24.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 4.502 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032894.D
 Acq: 17 Nov 2022 12:57

Tgt Ion:119 Resp: 28009
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 25.5 12.5 37.5





#89

n-Butylbenzene

Concen: 13.535 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX032894.D

Acq: 17 Nov 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

34270

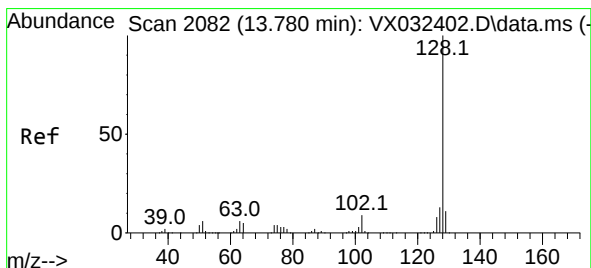
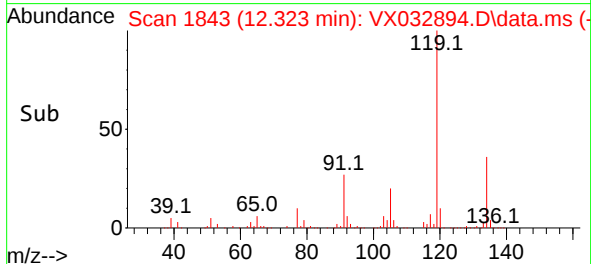
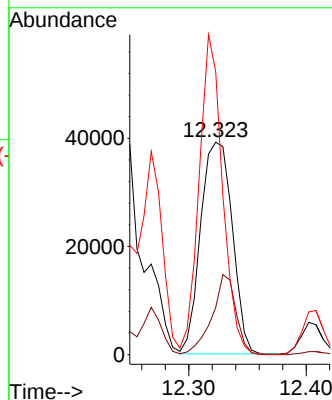
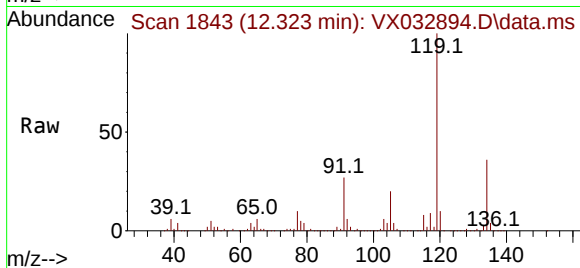
Tgt Ion: 91 Resp: 73254

Ion Ratio Lower Upper

91 100

92 28.6 26.2 78.6

134 111.3 12.9 38.6#



#95

Naphthalene

Concen: 23.715 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032894.D

Acq: 17 Nov 2022 12:57

Tgt Ion:128 Resp: 167779

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.9 8.9 13.3

