

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044036.D
 Acq On : 27 Nov 2024 13:31
 Operator : JC/MD
 Sample : P5001-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-3

Quant Time: Nov 29 04:09:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

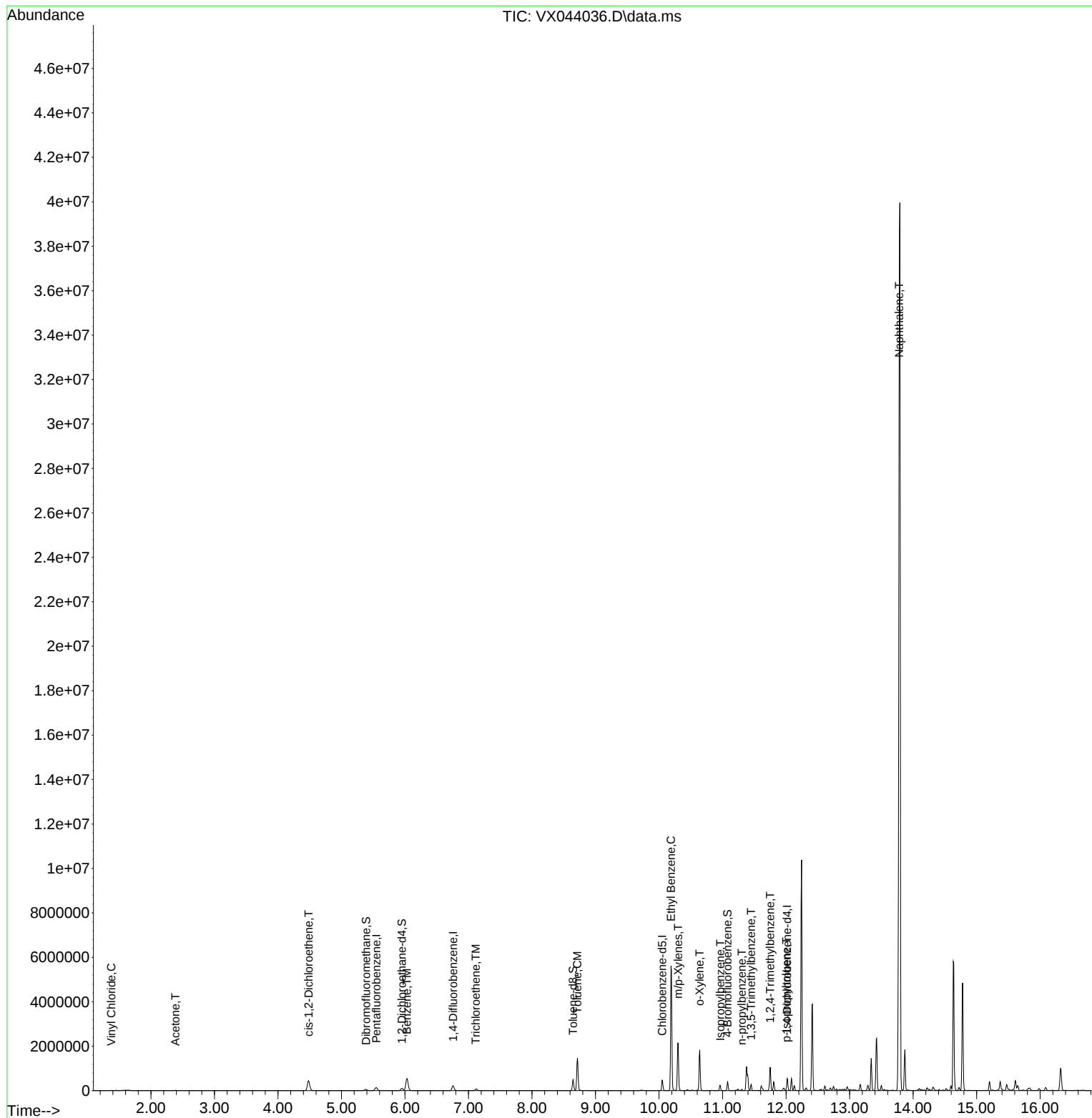
Internal Standards						
1) Pentafluorobenzene	5.550	168	117897	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	224840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100646	49.772	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.540%	
35) Dibromofluoromethane	5.385	113	49501	30.811	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	61.620%#	
50) Toluene-d8	8.647	98	279518	50.472	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.940%	
62) 4-Bromofluorobenzene	11.079	95	98104	52.051	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	104.100%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	9957	5.956	ug/l	94
16) Acetone	2.386	43	17142	18.457	ug/l #	89
27) cis-1,2-Dichloroethene	4.483	96	270698	156.136	ug/l	91
40) Benzene	6.031	78	640238	102.666	ug/l	98
44) Trichloroethene	7.116	130	29866	16.918	ug/l	94
52) Toluene	8.714	92	533116	142.830	ug/l	99
67) Ethyl Benzene	10.189	91	3226170	432.623	ug/l	98
68) m/p-Xylenes	10.299	106	466477	167.739	ug/l	99
69) o-Xylene	10.640	106	366257	134.890	ug/l	99
73) Isopropylbenzene	10.963	105	127113	17.454	ug/l	98
78) n-propylbenzene	11.305	91	31747	3.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	114264	19.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	424310	71.131	ug/l	99
86) p-Isopropyltoluene	12.006	119	17535	2.967	ug/l #	74
95) Naphthalene	13.780	128	18284864	2698.167	ug/l #	66

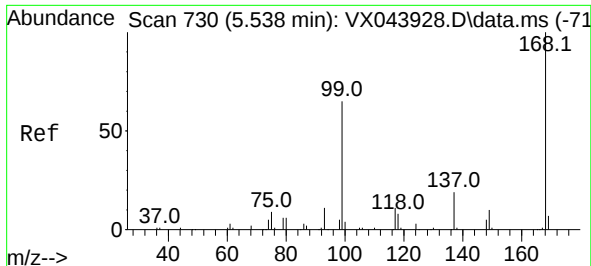
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 04:09:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

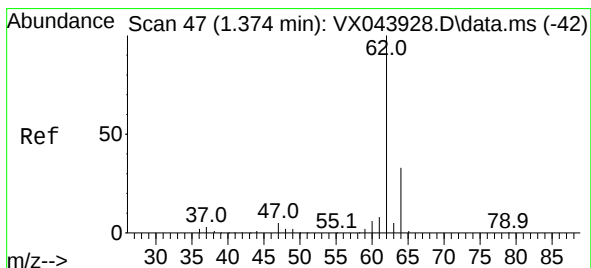
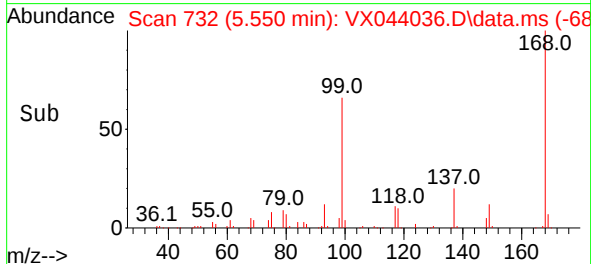
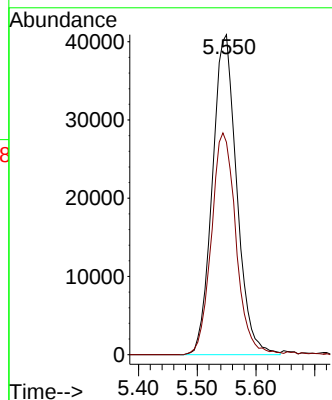
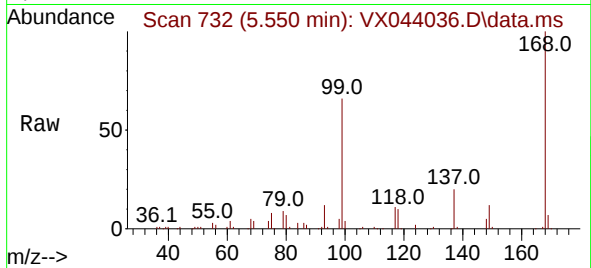




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.012 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

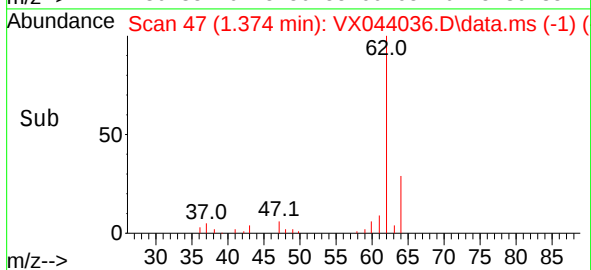
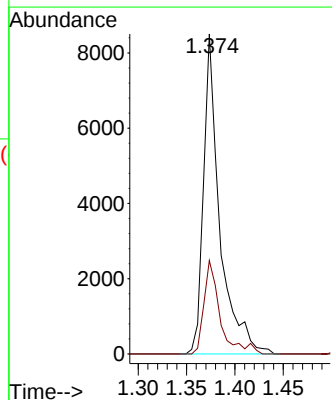
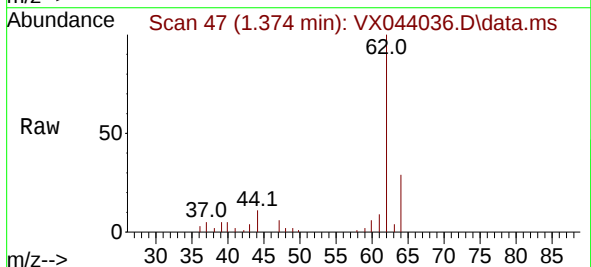
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

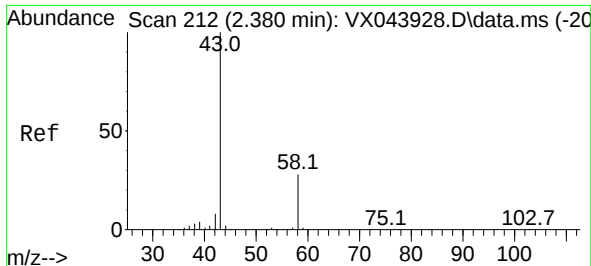
Tgt Ion:168 Resp: 117897
Ion Ratio Lower Upper
168 100
99 66.4 51.8 77.8



#4
Vinyl Chloride
Concen: 5.956 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion: 62 Resp: 9957
Ion Ratio Lower Upper
62 100
64 29.2 26.2 39.4

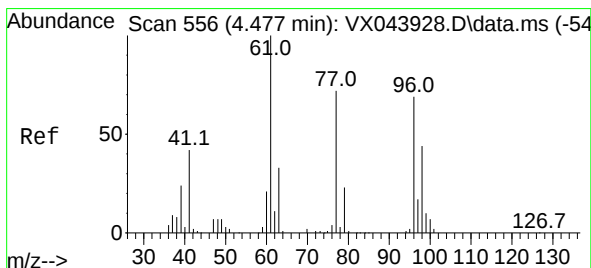
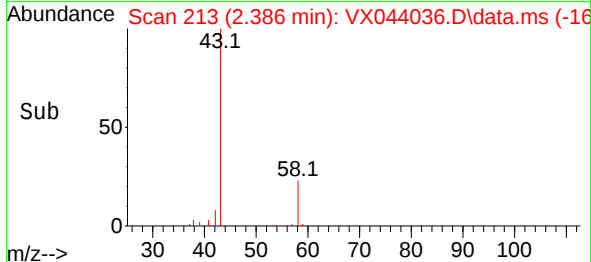
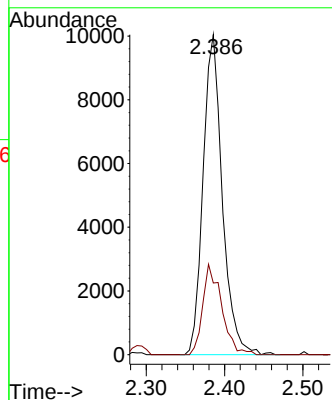
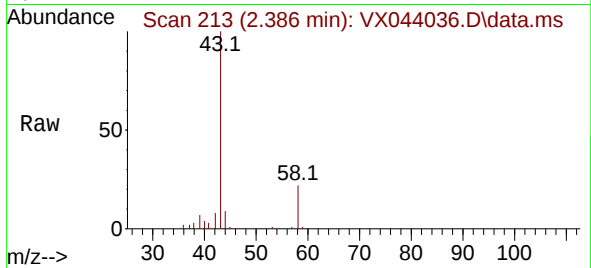




#16
Acetone
Concen: 18.457 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

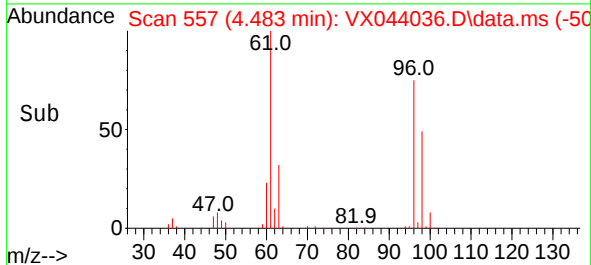
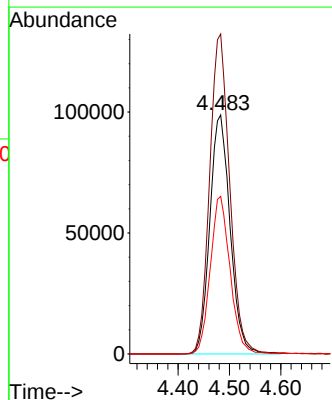
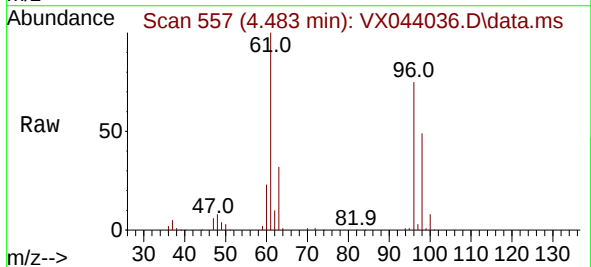
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

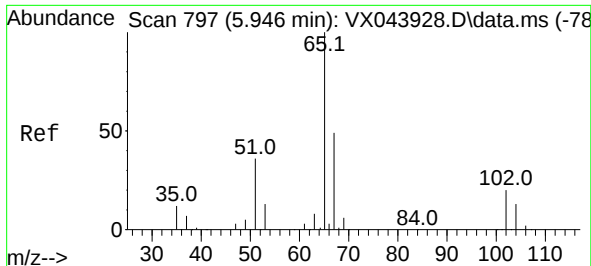
Tgt Ion: 43 Resp: 17142
Ion Ratio Lower Upper
43 100
58 22.4 22.7 34.1#



#27
cis-1,2-Dichloroethene
Concen: 156.136 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion: 96 Resp: 270698
Ion Ratio Lower Upper
96 100
61 132.5 0.0 297.4
98 64.4 0.0 127.8

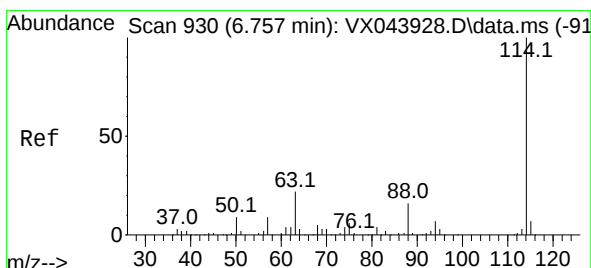
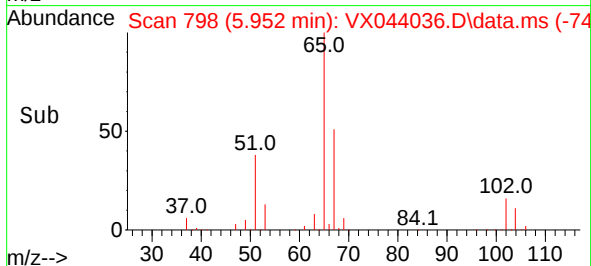
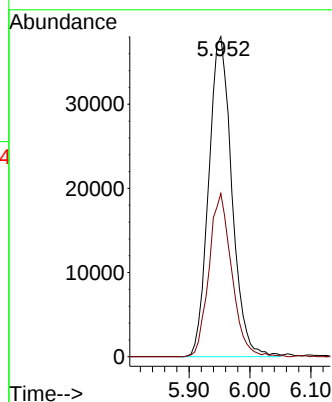
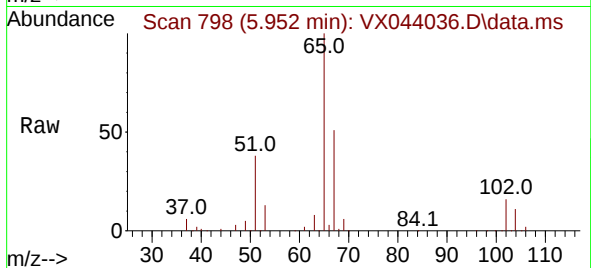




#33
 1,2-Dichloroethane-d4
 Concen: 49.772 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX044036.D
 Acq: 27 Nov 2024 13:31

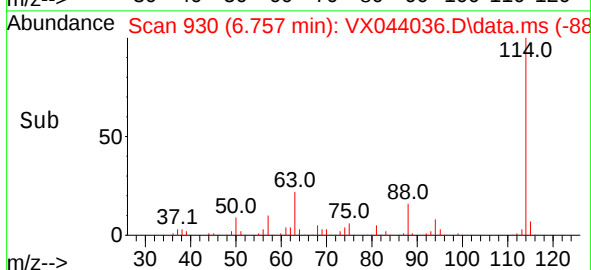
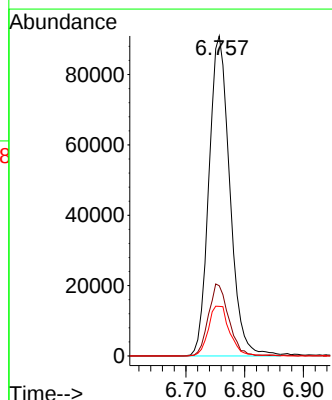
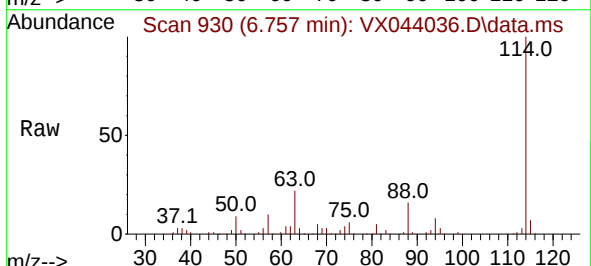
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-3

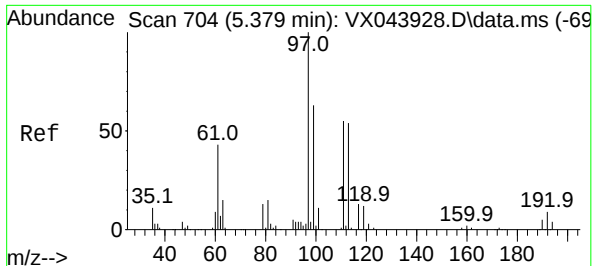
Tgt Ion: 65 Resp: 100646
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044036.D
 Acq: 27 Nov 2024 13:31

Tgt Ion: 114 Resp: 224840
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 30.811 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3

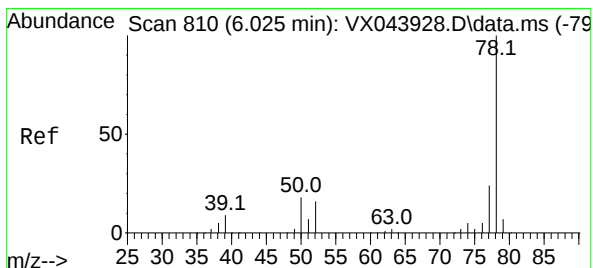
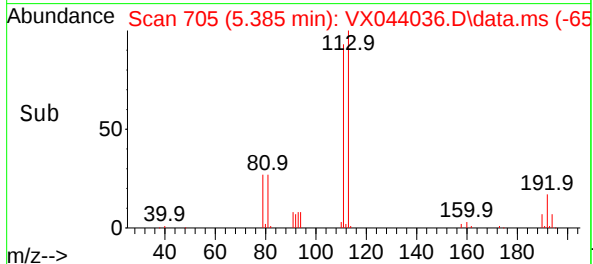
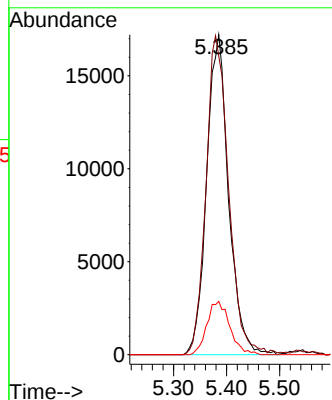
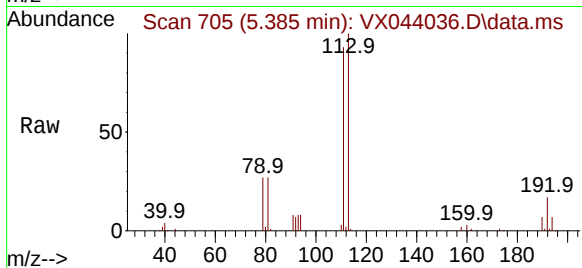
Tgt Ion:113 Resp: 49501

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

192 17.4 13.0 19.6



#40

Benzene

Concen: 102.666 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044036.D

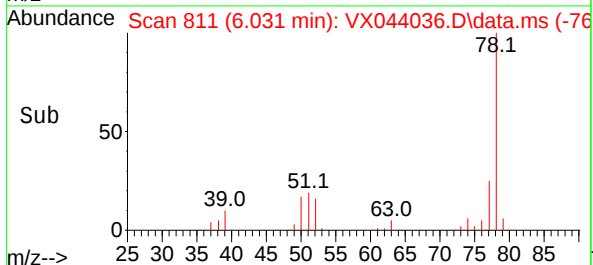
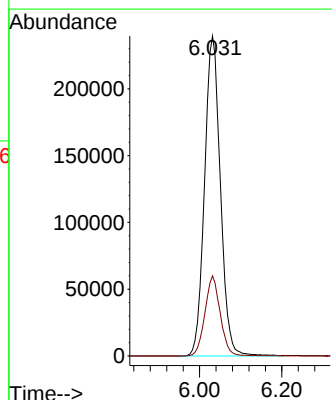
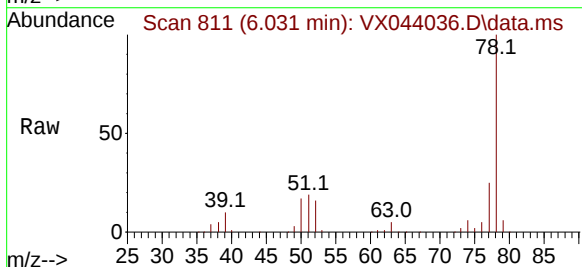
Acq: 27 Nov 2024 13:31

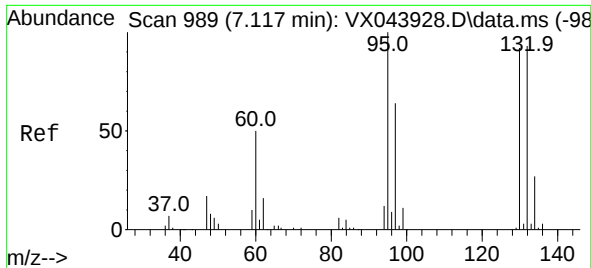
Tgt Ion: 78 Resp: 640238

Ion Ratio Lower Upper

78 100

77 25.1 19.2 28.8

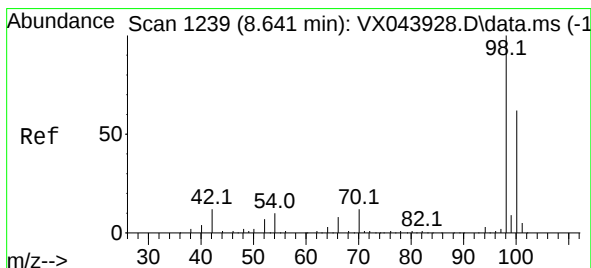
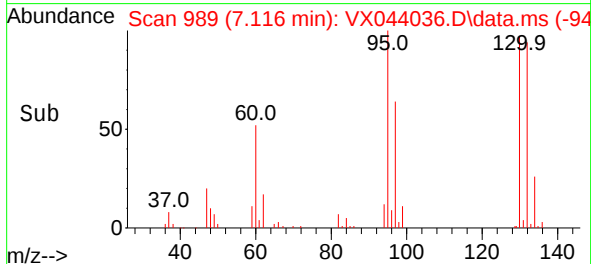
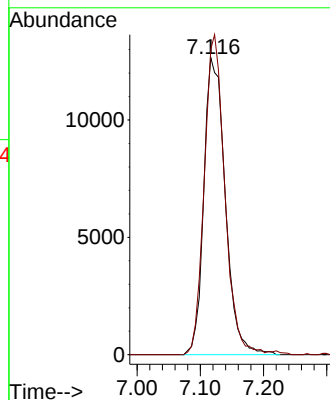
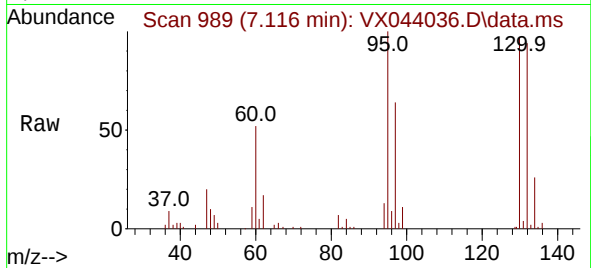




#44
Trichloroethene
Concen: 16.918 ug/l
RT: 7.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

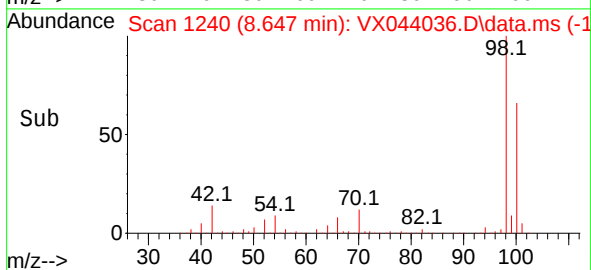
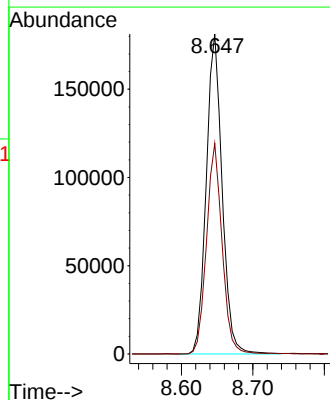
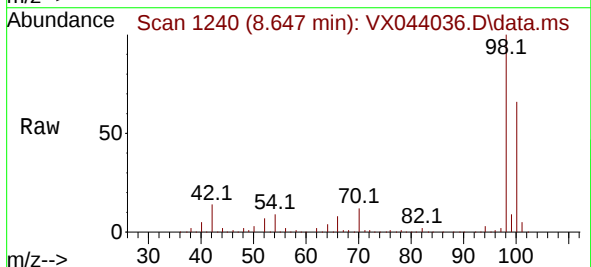
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

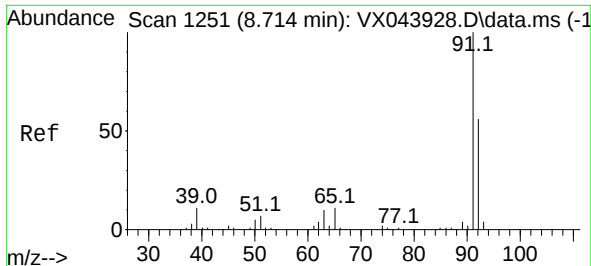
Tgt Ion:130 Resp: 29866
Ion Ratio Lower Upper
130 100
95 102.8 0.0 217.8



#50
Toluene-d8
Concen: 50.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion: 98 Resp: 279518
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0





#52

Toluene

Concen: 142.830 ug/l

RT: 8.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

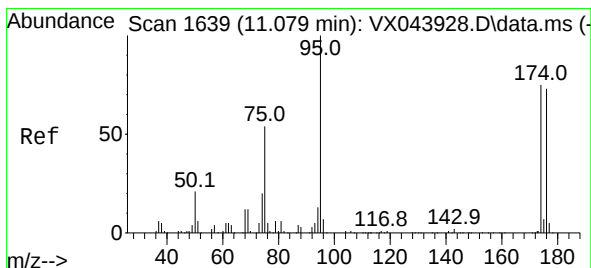
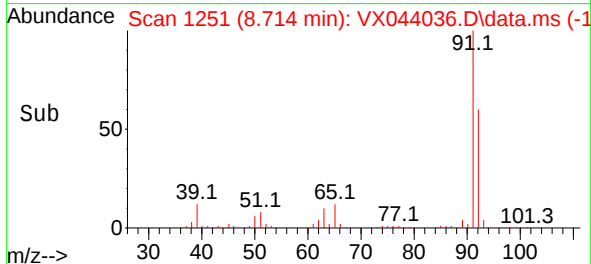
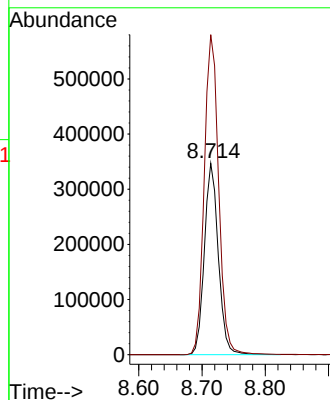
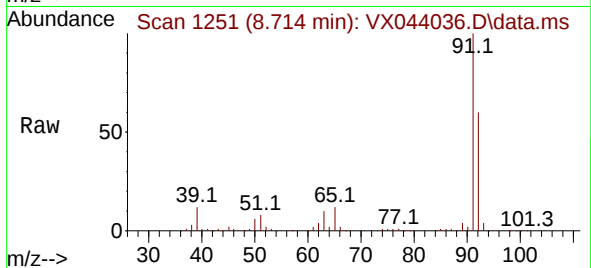
SPLP-C2-3

Tgt Ion: 92 Resp: 533116

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.051 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

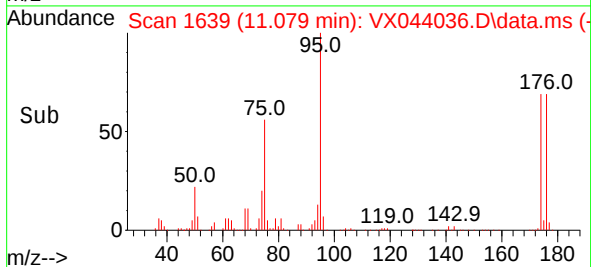
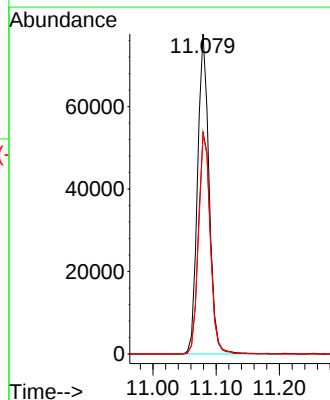
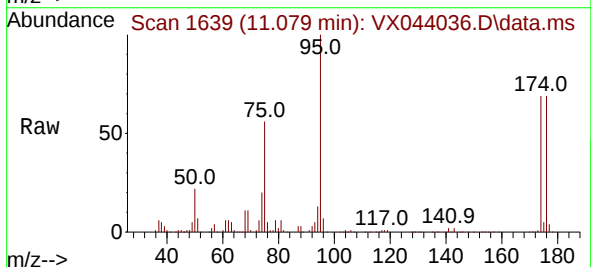
Tgt Ion: 95 Resp: 98104

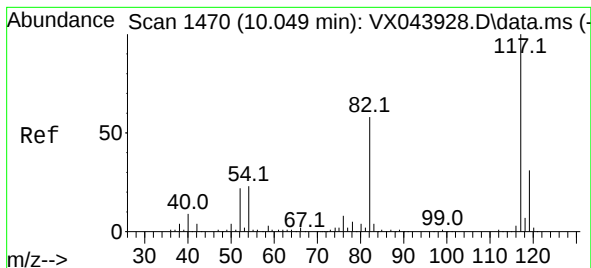
Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.4

176 70.1 0.0 146.0

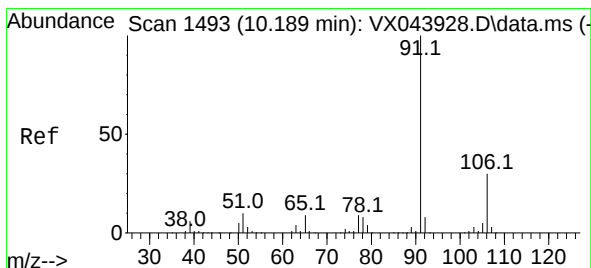
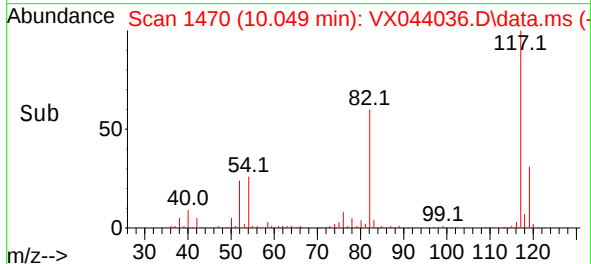
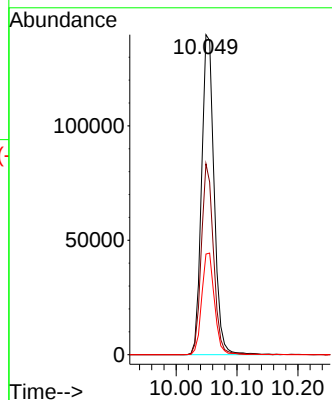
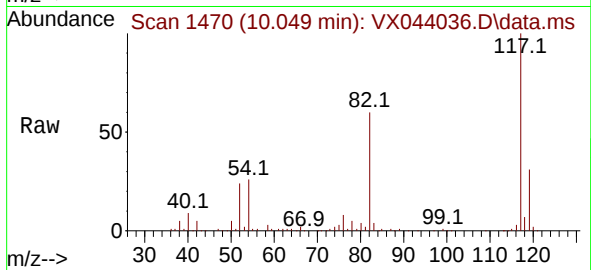




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

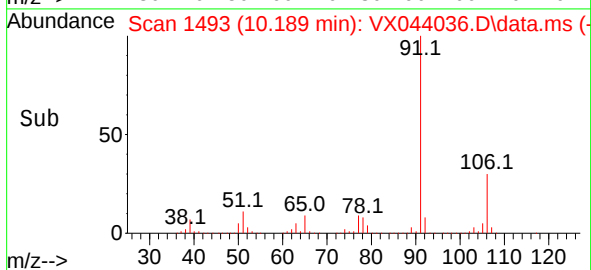
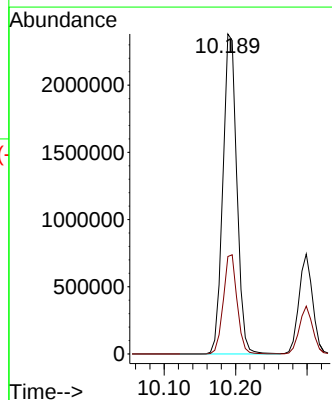
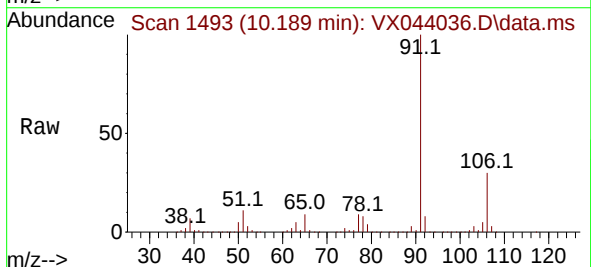
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

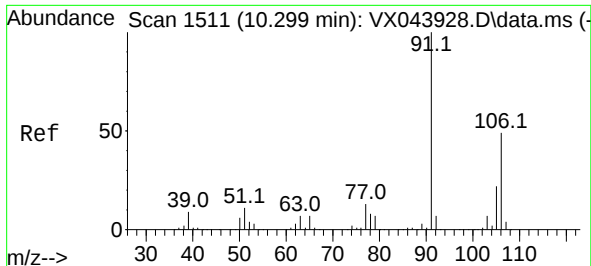
Tgt Ion:117 Resp: 200377
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 31.5 24.6 37.0



#67
Ethyl Benzene
Concen: 432.623 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion: 91 Resp: 3226170
Ion Ratio Lower Upper
91 100
106 30.5 23.6 35.4

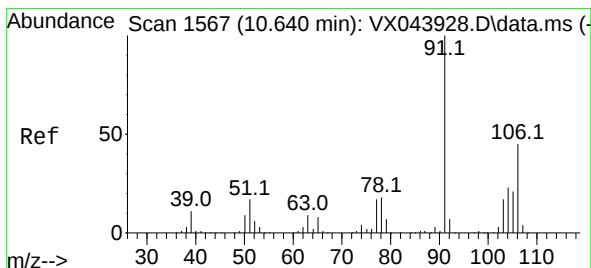
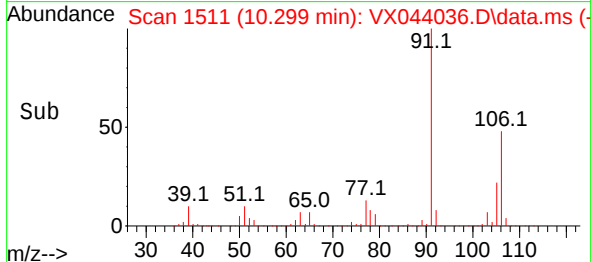
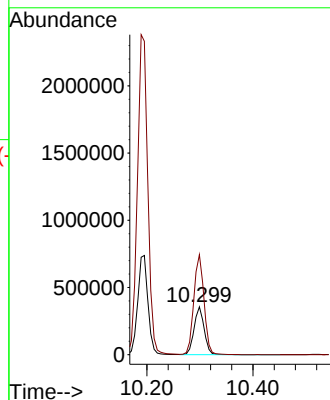
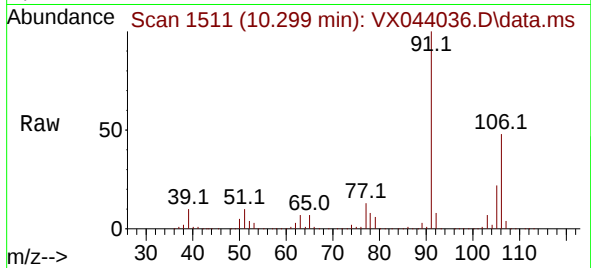




#68
m/p-Xylenes
Concen: 167.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

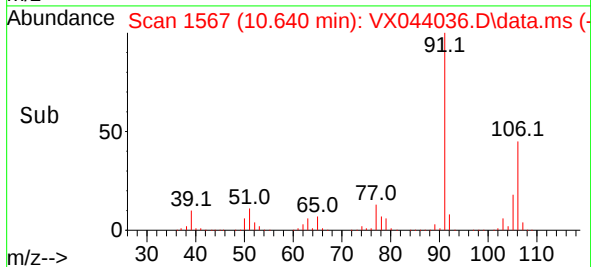
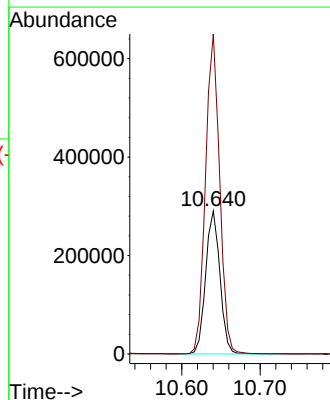
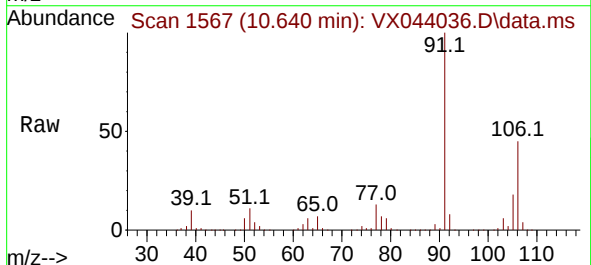
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

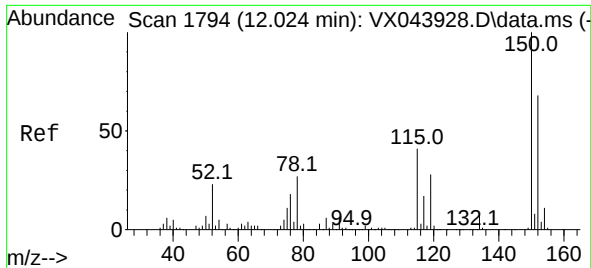
Tgt Ion:106 Resp: 466477
Ion Ratio Lower Upper
106 100
91 211.6 168.1 252.1



#69
o-Xylene
Concen: 134.890 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion:106 Resp: 366257
Ion Ratio Lower Upper
106 100
91 222.4 110.2 330.6

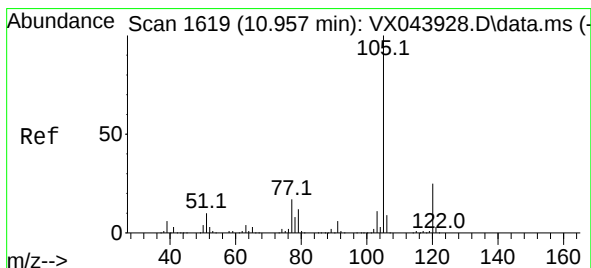
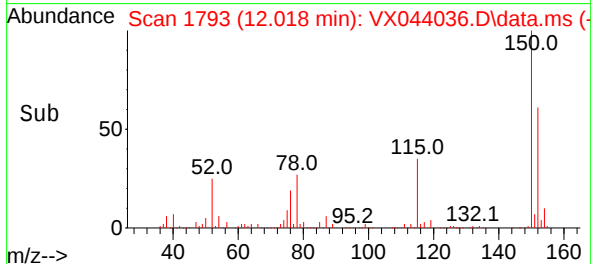
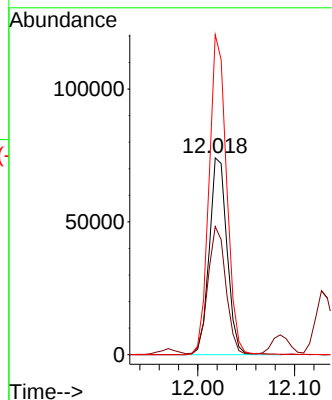
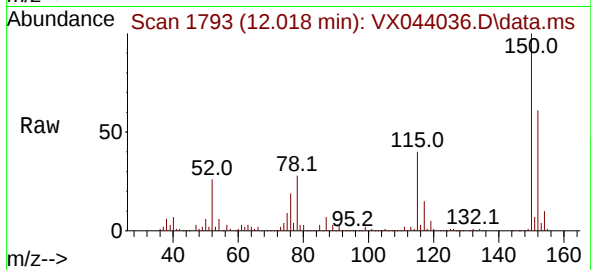




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

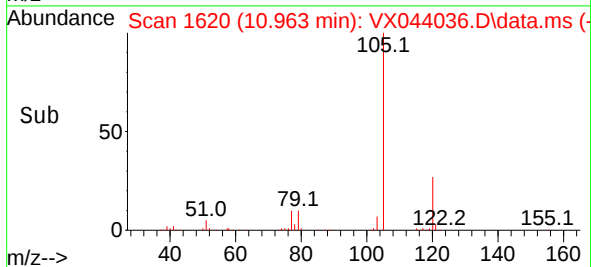
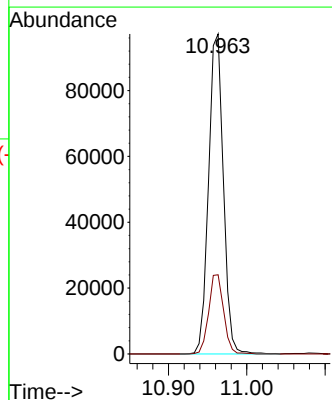
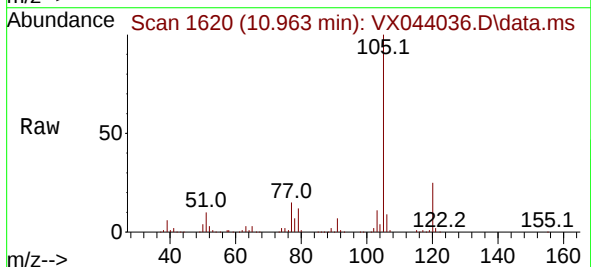
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

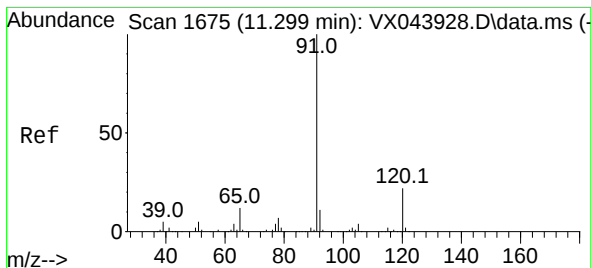
Tgt Ion:152 Resp: 94742
Ion Ratio Lower Upper
152 100
115 65.1 45.4 136.2
150 160.6 0.0 353.0



#73
Isopropylbenzene
Concen: 17.454 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion:105 Resp: 127113
Ion Ratio Lower Upper
105 100
120 25.0 13.0 38.9





#78

n-propylbenzene

Concen: 3.903 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

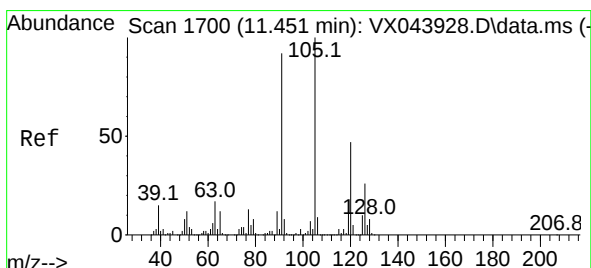
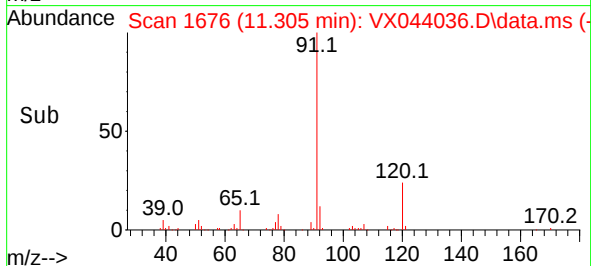
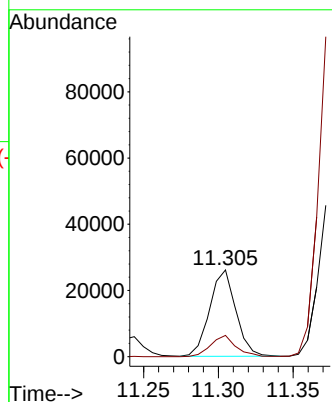
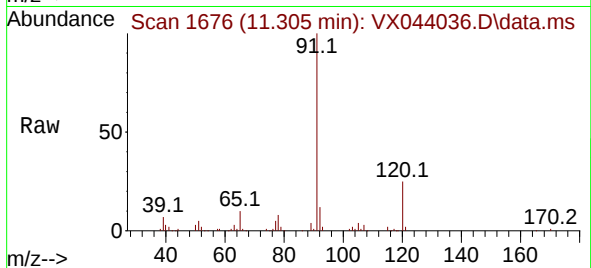
SPLP-C2-3

Tgt Ion: 91 Resp: 31747

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 19.071 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044036.D

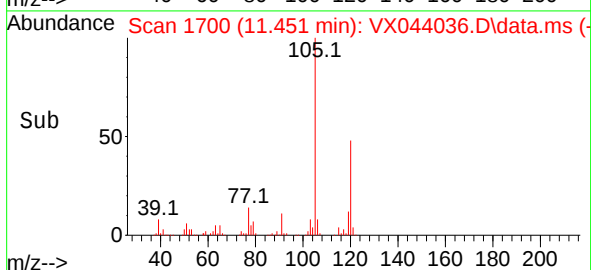
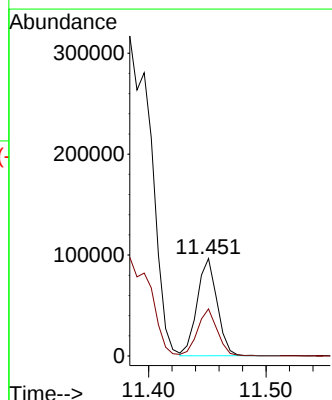
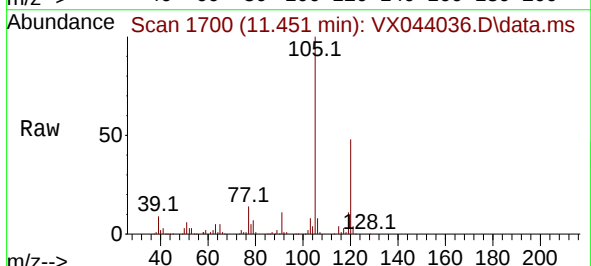
Acq: 27 Nov 2024 13:31

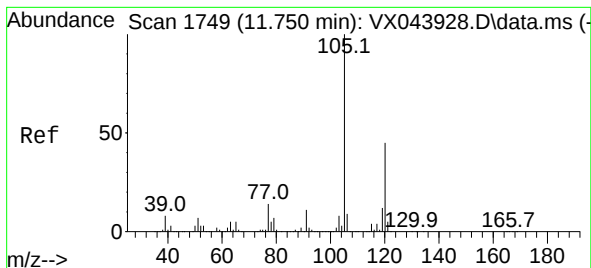
Tgt Ion:105 Resp: 114264

Ion Ratio Lower Upper

105 100

120 47.6 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 71.131 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

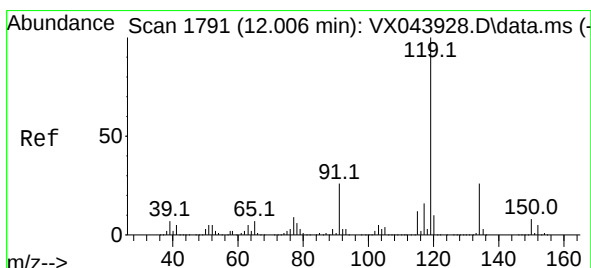
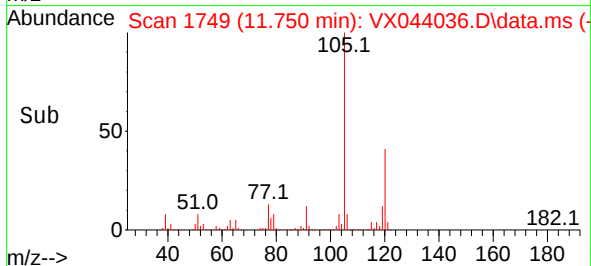
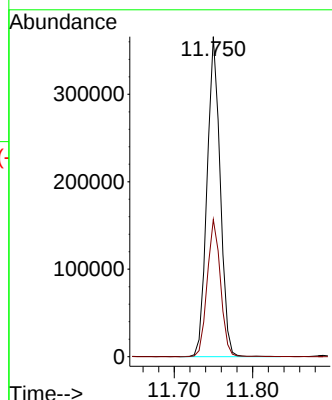
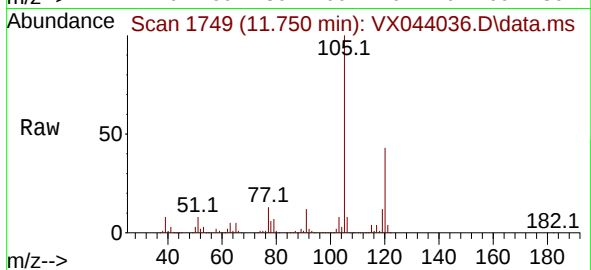
SPLP-C2-3

Tgt Ion:105 Resp: 424310

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.7



#86

p-Isopropyltoluene

Concen: 2.967 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

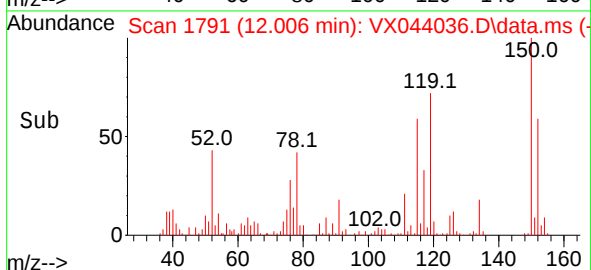
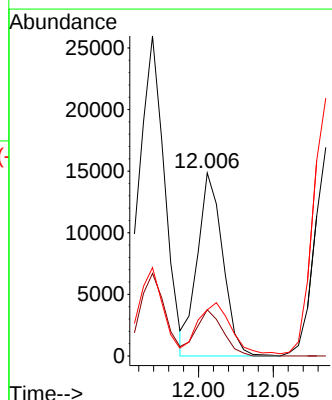
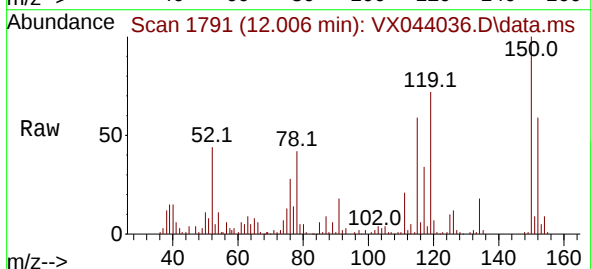
Tgt Ion:119 Resp: 17535

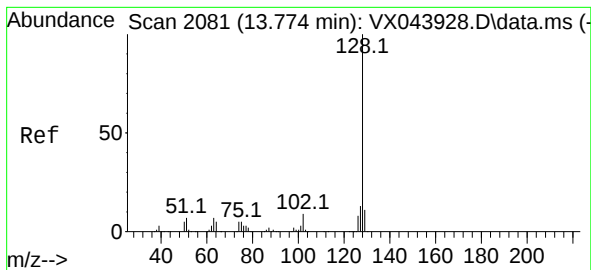
Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 2698.167 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3

Tgt Ion:128 Resp:18284864

Ion Ratio Lower Upper

128 100

127 25.4 10.2 15.2#

129 24.2 8.6 12.8#

