

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044038.D
 Acq On : 27 Nov 2024 14:16
 Operator : JC/MD
 Sample : P5001-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-2

Quant Time: Nov 28 00:47:41 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	5.544	168	118131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101796	50.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.480%
35) Dibromofluoromethane	5.379	113	48468	29.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	59.380%#
50) Toluene-d8	8.647	98	279981	49.752	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	99175	51.783	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.560%

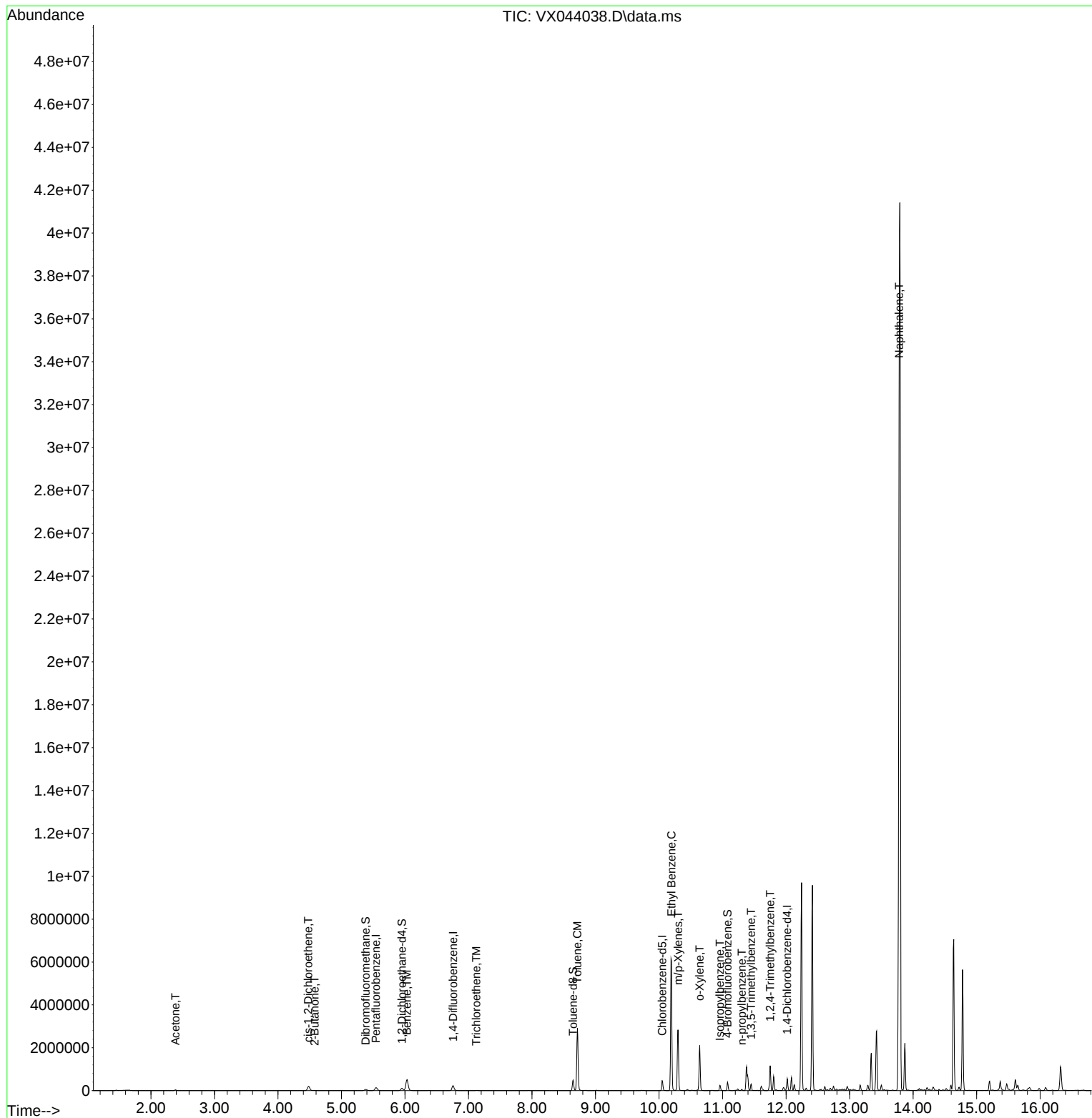
Target Compounds						Qvalue
16) Acetone	2.386	43	43151	46.369	ug/l	97
25) 2-Butanone	4.574	43	8899	7.411	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	120308	69.255	ug/l	90
40) Benzene	6.031	78	586629	92.574	ug/l	99
44) Trichloroethene	7.123	130	3200	1.784	ug/l	81
52) Toluene	8.714	92	1041836	274.686	ug/l	99
67) Ethyl Benzene	10.195	91	3471652	464.246	ug/l	96
68) m/p-Xylenes	10.299	106	616308	221.000	ug/l	100
69) o-Xylene	10.640	106	411349	151.076	ug/l	96
73) Isopropylbenzene	10.957	105	130381	17.797	ug/l	99
78) n-propylbenzene	11.305	91	34425	4.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126808	21.039	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	468891	78.141	ug/l	100
95) Naphthalene	13.780	128	20032822	2938.638	ug/l #	62

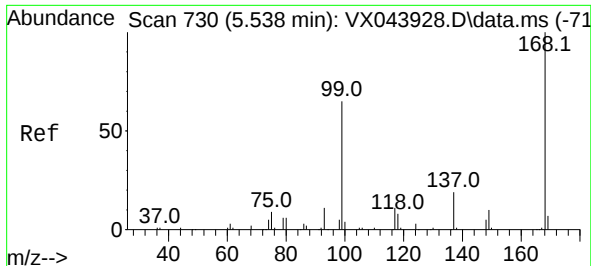
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

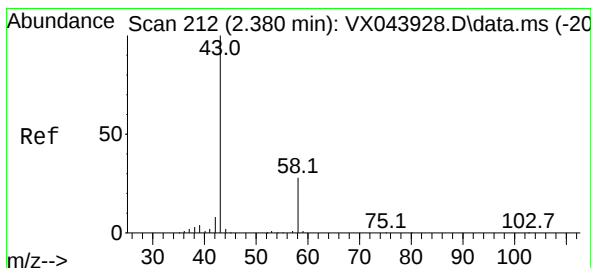
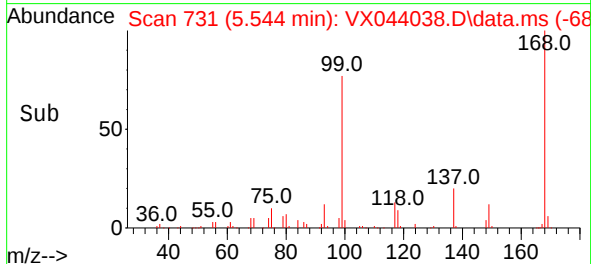
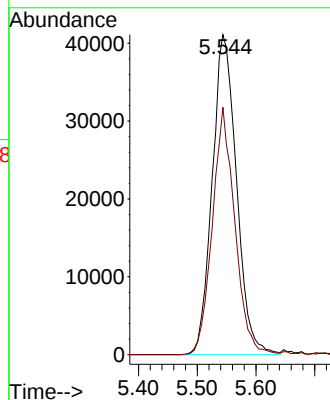
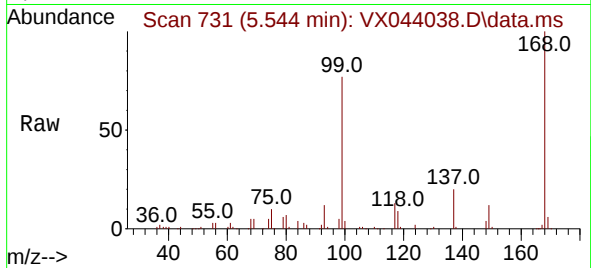




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

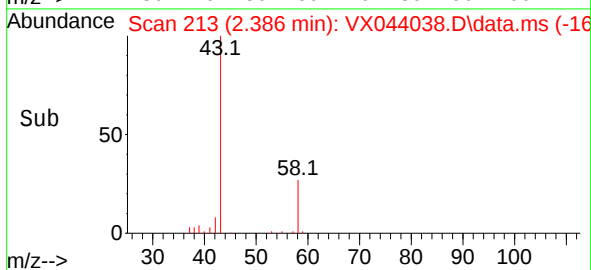
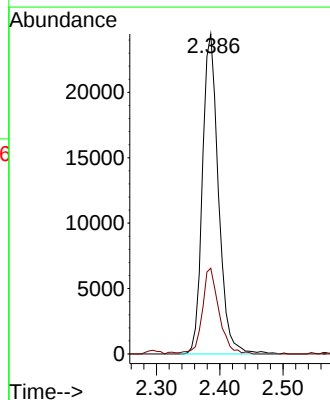
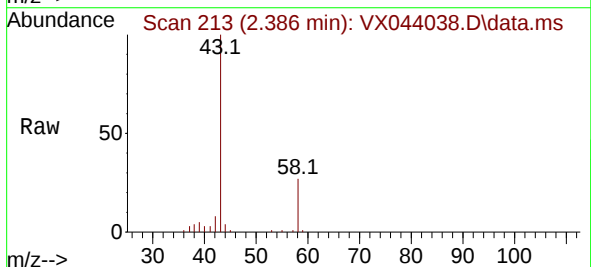
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

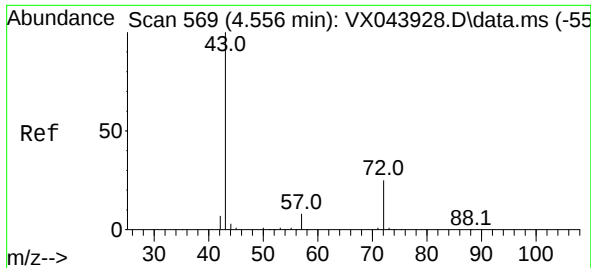
Tgt Ion:168 Resp: 118131
Ion Ratio Lower Upper
168 100
99 77.3 51.8 77.8



#16
Acetone
Concen: 46.369 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion: 43 Resp: 43151
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1

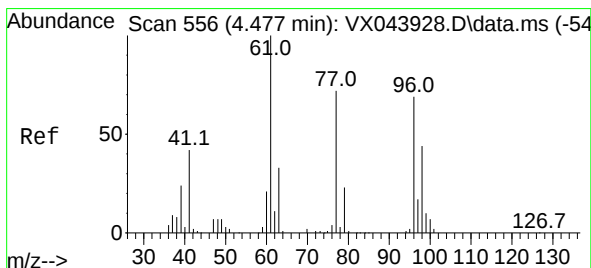
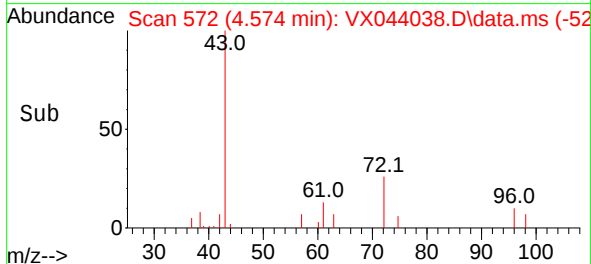
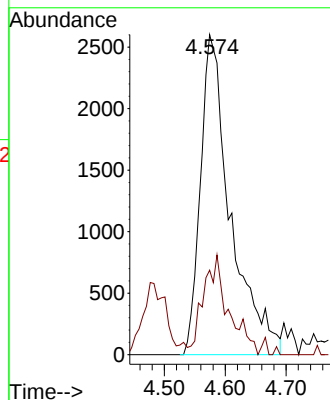
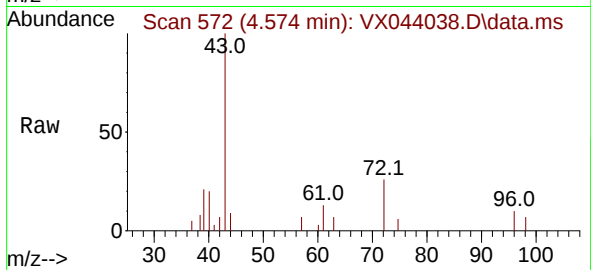




#25
2-Butanone
Concen: 7.411 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

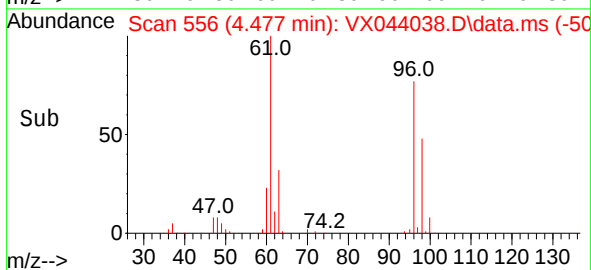
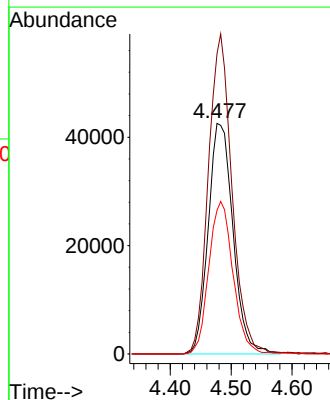
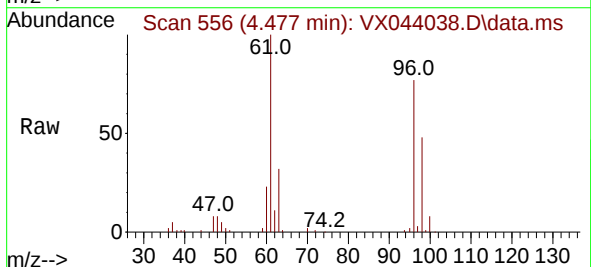
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

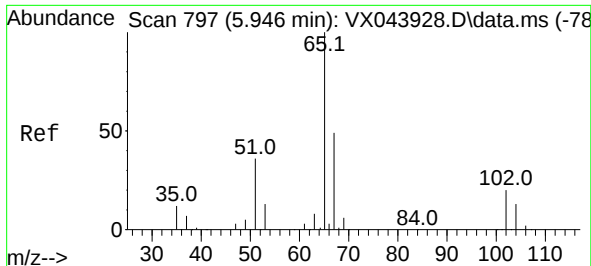
Tgt Ion: 43 Resp: 8899
Ion Ratio Lower Upper
43 100
72 26.4 20.2 30.2



#27
cis-1,2-Dichloroethene
Concen: 69.255 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion: 96 Resp: 120308
Ion Ratio Lower Upper
96 100
61 132.1 0.0 297.4
98 64.7 0.0 127.8

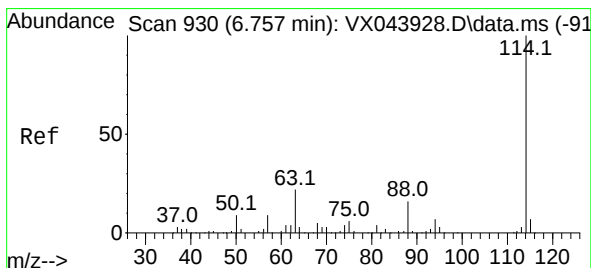
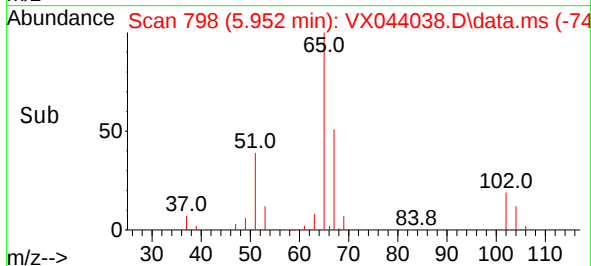
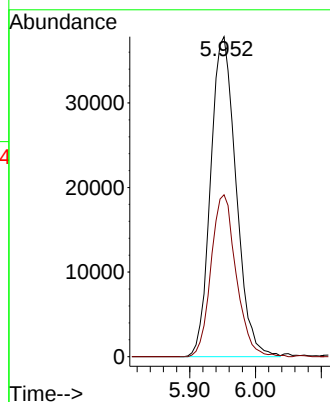
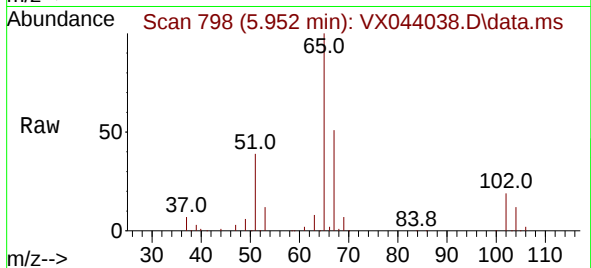




#33
 1,2-Dichloroethane-d4
 Concen: 50.241 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX044038.D
 Acq: 27 Nov 2024 14:16

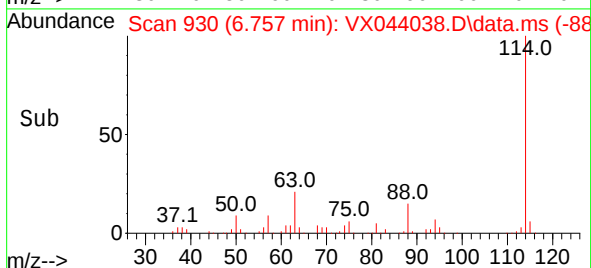
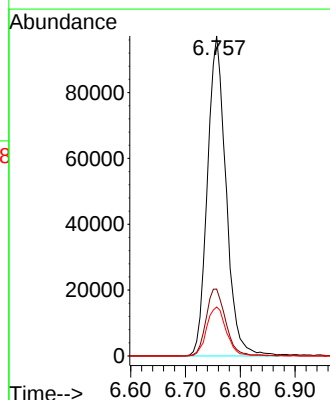
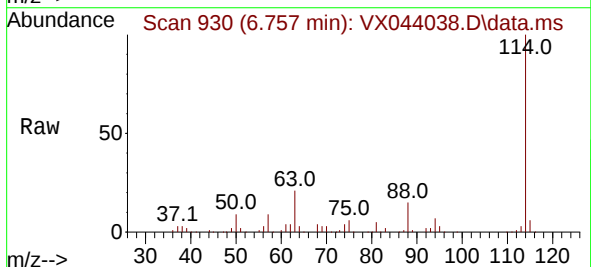
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-2

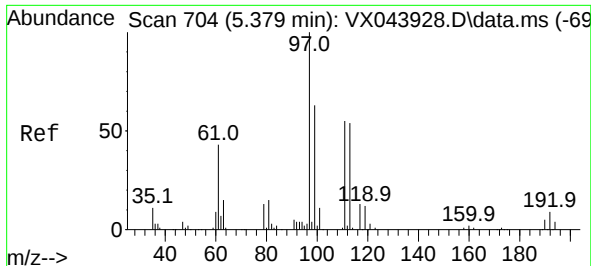
Tgt Ion: 65 Resp: 101796
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044038.D
 Acq: 27 Nov 2024 14:16

Tgt Ion: 114 Resp: 228473
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.0
 88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 29.688 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044038.D

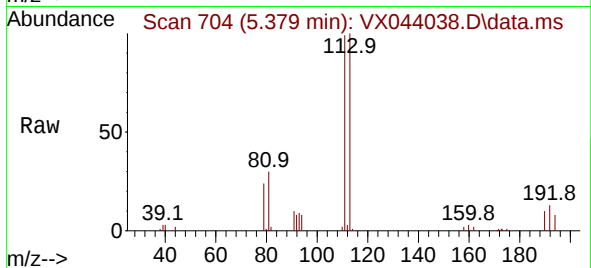
Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2



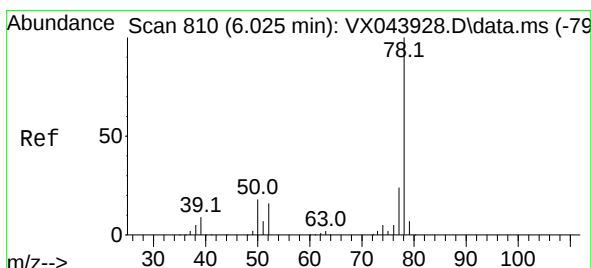
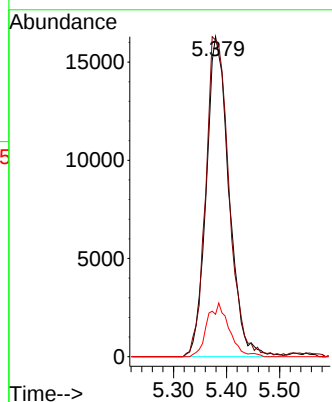
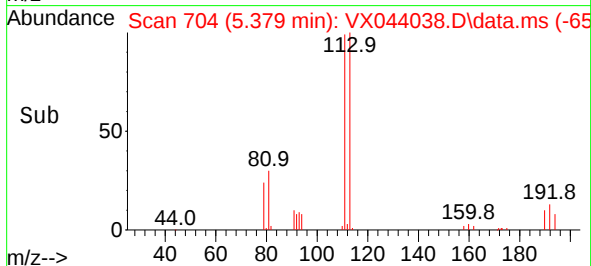
Tgt Ion:113 Resp: 48468

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

192 16.3 13.0 19.6



#40

Benzene

Concen: 92.574 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044038.D

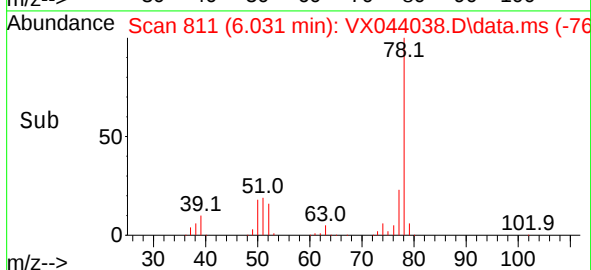
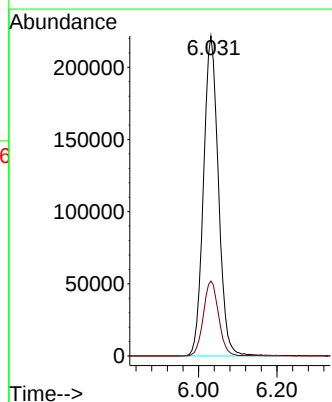
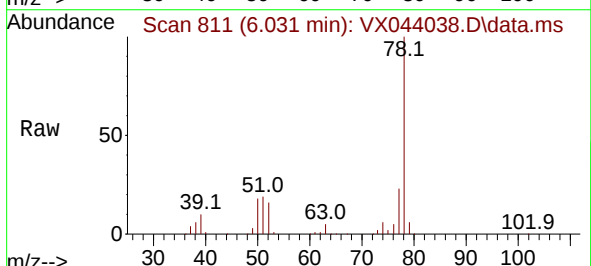
Acq: 27 Nov 2024 14:16

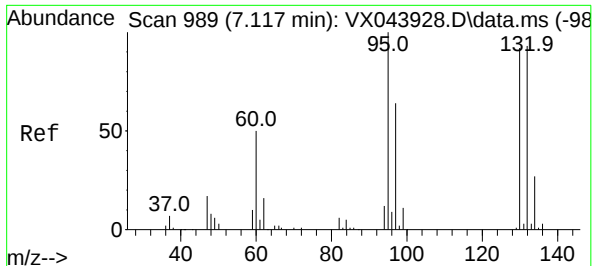
Tgt Ion: 78 Resp: 586629

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8





#44

Trichloroethene

Concen: 1.784 ug/l

RT: 7.123 min Scan# 90

Delta R.T. 0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

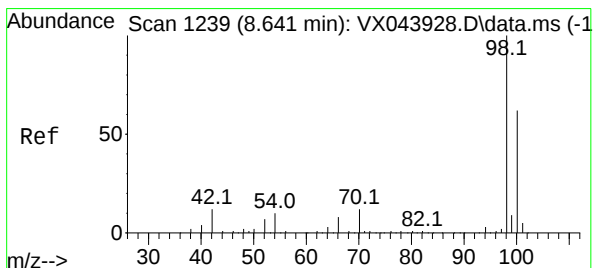
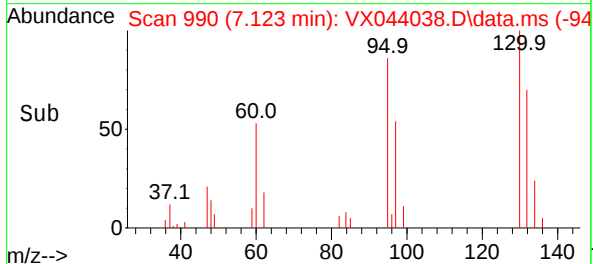
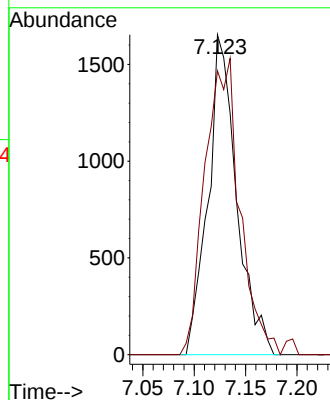
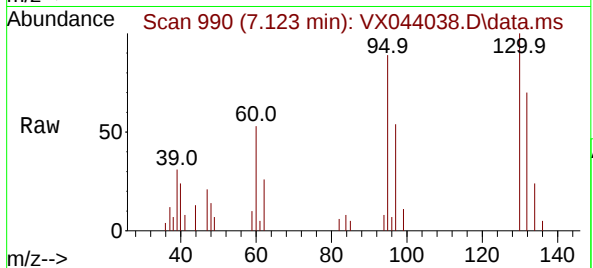
SPLP-C3-2

Tgt Ion:130 Resp: 3200

Ion Ratio Lower Upper

130 100

95 88.7 0.0 217.8



#50

Toluene-d8

Concen: 49.752 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044038.D

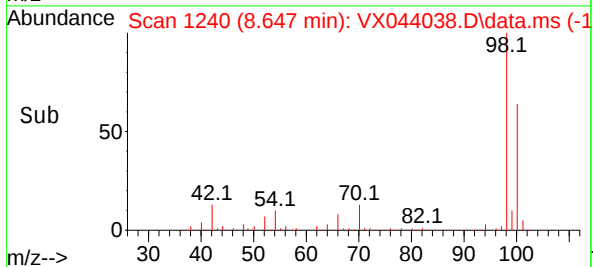
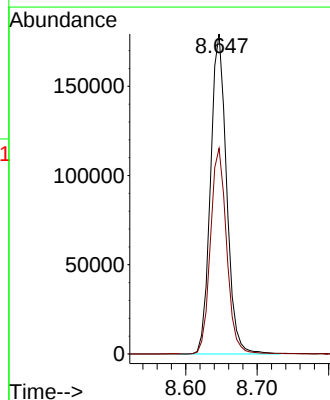
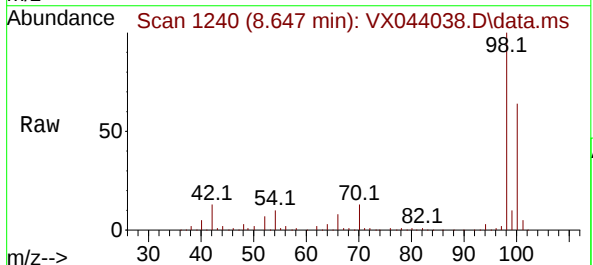
Acq: 27 Nov 2024 14:16

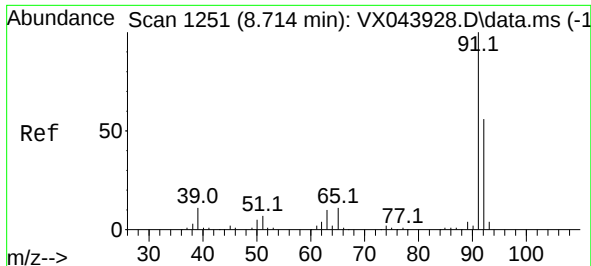
Tgt Ion: 98 Resp: 279981

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0





#52

Toluene

Concen: 274.686 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

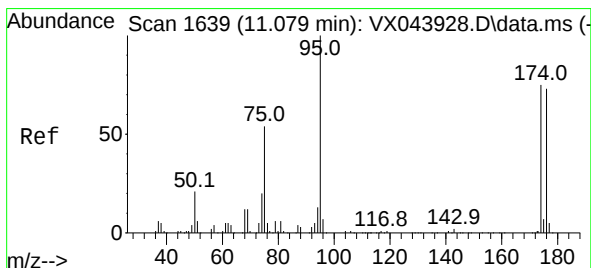
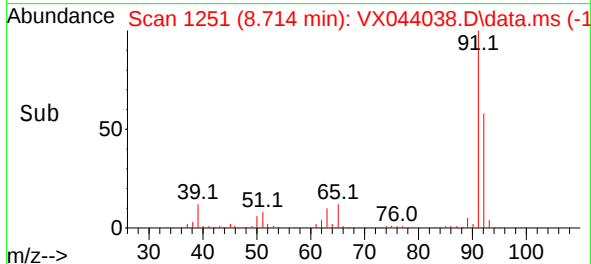
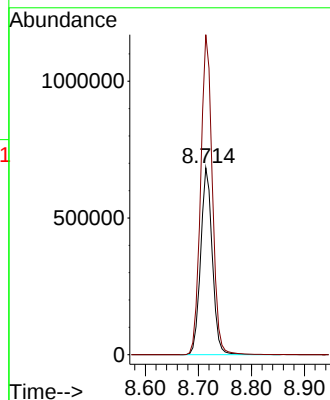
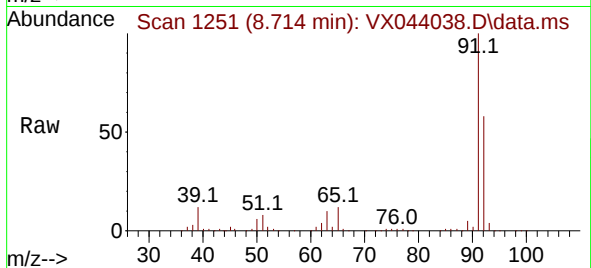
SPLP-C3-2

Tgt Ion: 92 Resp: 1041836

Ion Ratio Lower Upper

92 100

91 172.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.783 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

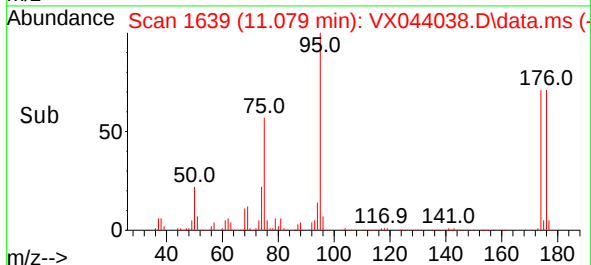
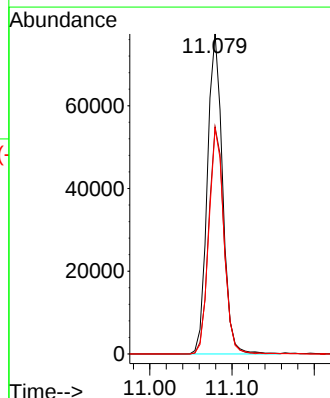
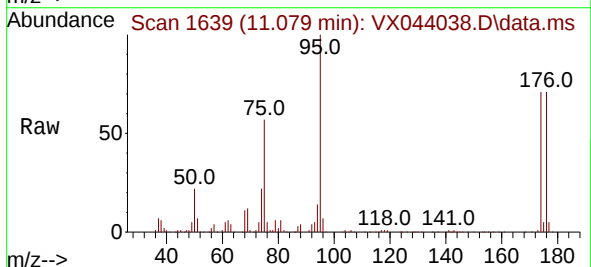
Tgt Ion: 95 Resp: 99175

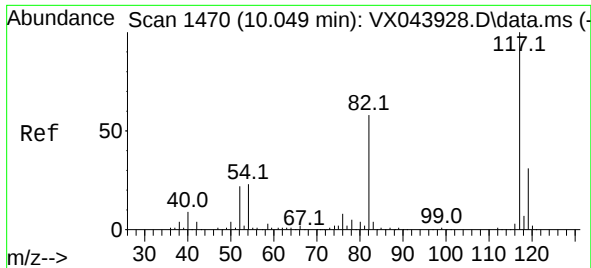
Ion Ratio Lower Upper

95 100

174 71.1 0.0 150.4

176 69.7 0.0 146.0

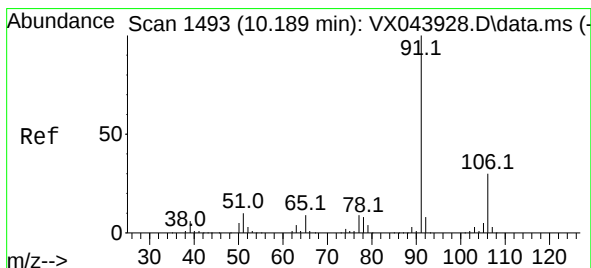
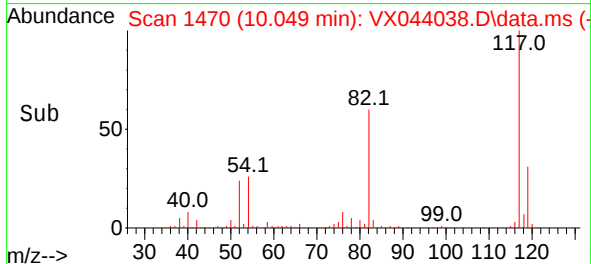
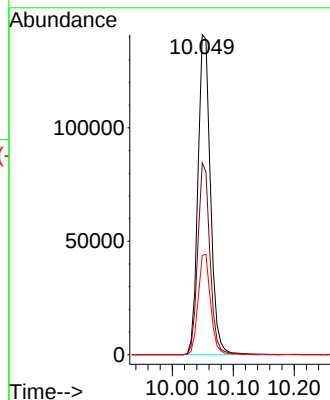
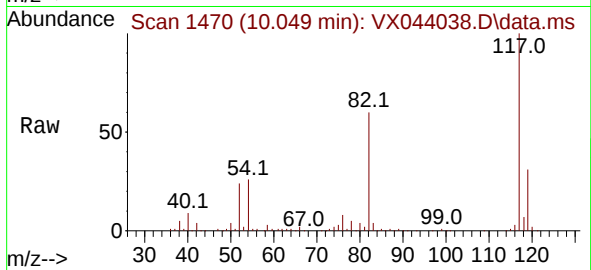




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

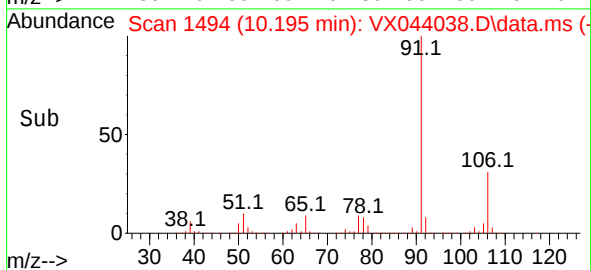
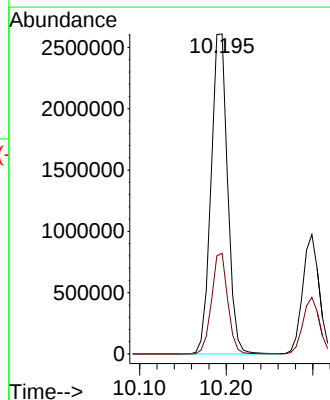
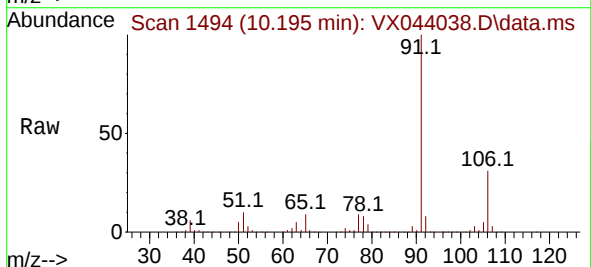
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

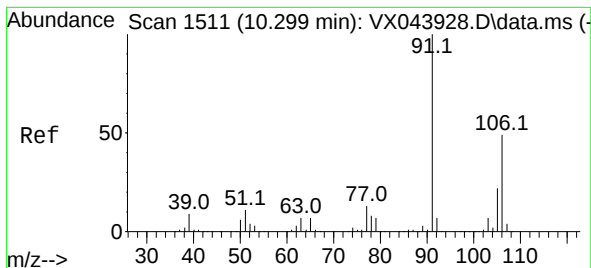
Tgt Ion:117 Resp: 200936
Ion Ratio Lower Upper
117 100
82 60.0 46.4 69.6
119 31.1 24.6 37.0



#67
Ethyl Benzene
Concen: 464.246 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion: 91 Resp: 3471652
Ion Ratio Lower Upper
91 100
106 31.5 23.6 35.4

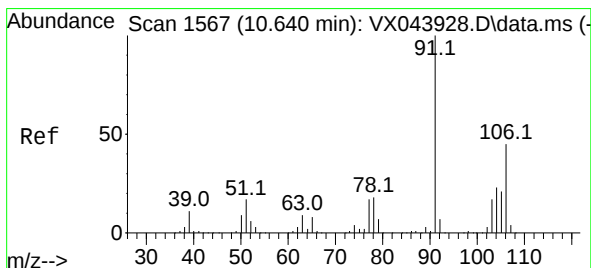
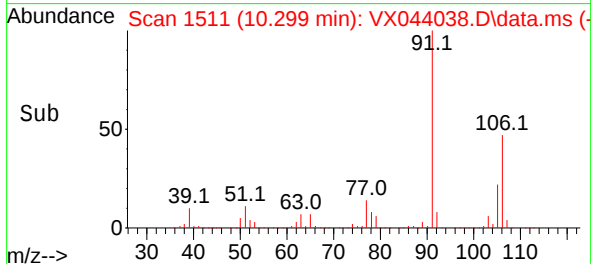
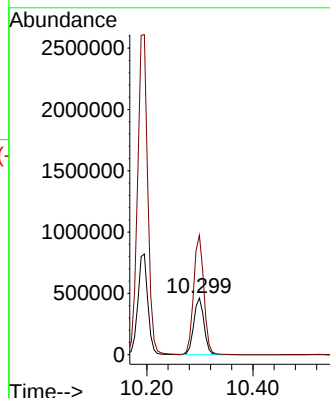
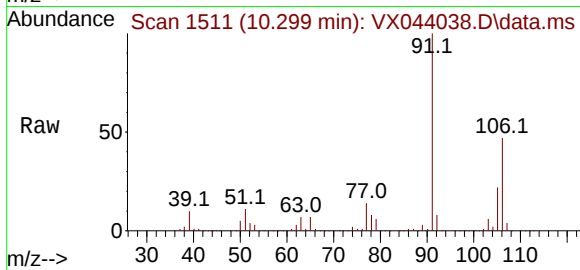




#68
m/p-Xylenes
Concen: 221.000 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

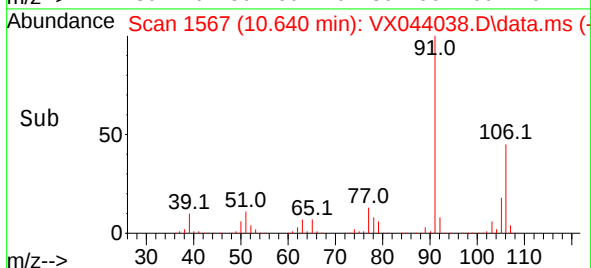
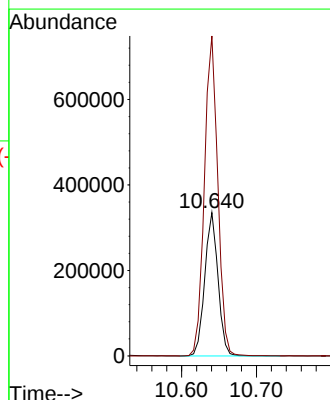
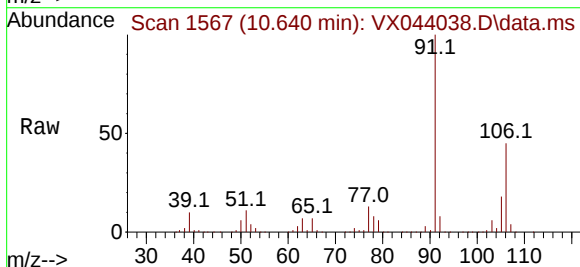
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

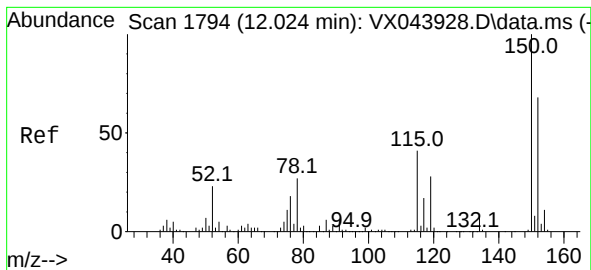
Tgt Ion:106 Resp: 616308
Ion Ratio Lower Upper
106 100
91 210.4 168.1 252.1



#69
o-Xylene
Concen: 151.076 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion:106 Resp: 411349
Ion Ratio Lower Upper
106 100
91 226.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2

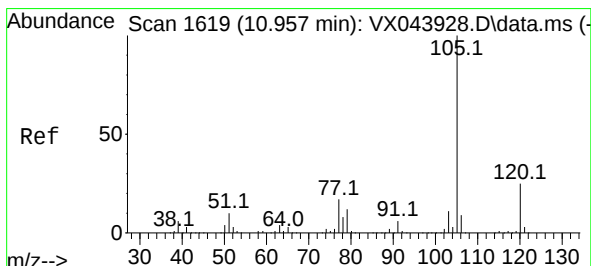
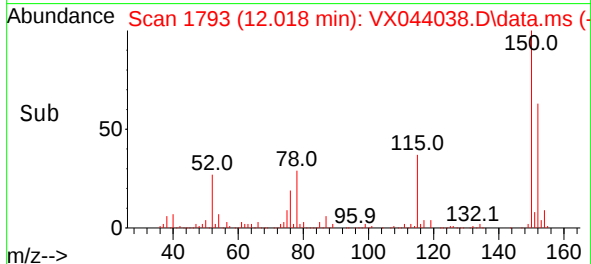
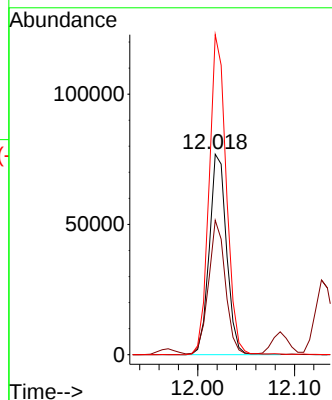
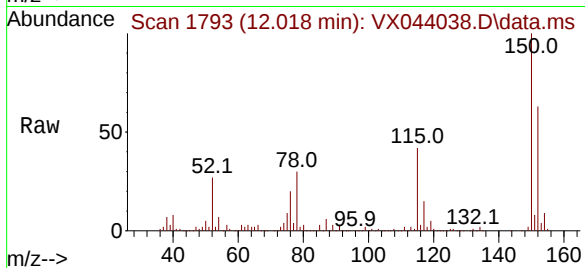
Tgt Ion:152 Resp: 95305

Ion Ratio Lower Upper

152 100

115 64.4 45.4 136.2

150 158.0 0.0 353.0



#73

Isopropylbenzene

Concen: 17.797 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044038.D

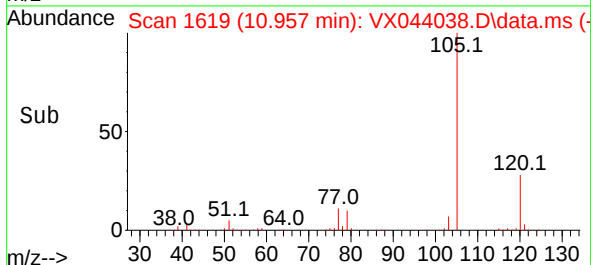
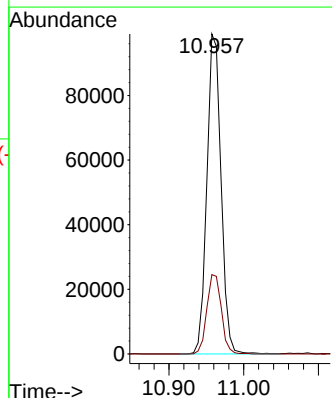
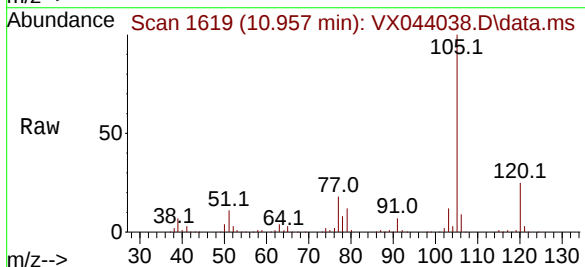
Acq: 27 Nov 2024 14:16

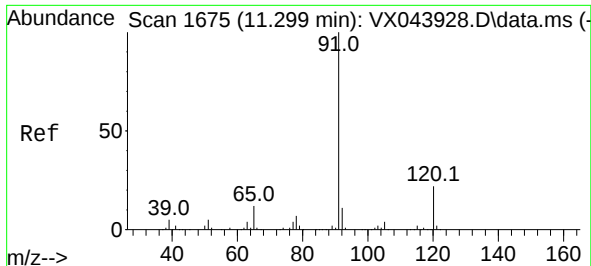
Tgt Ion:105 Resp: 130381

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9

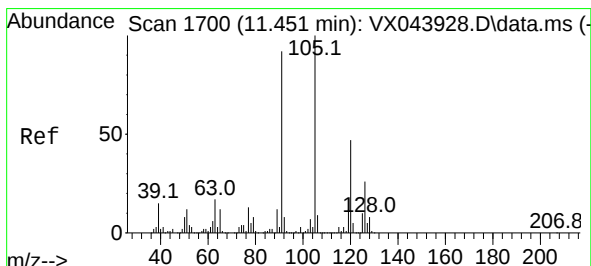
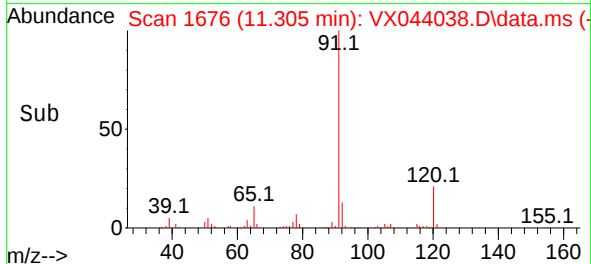
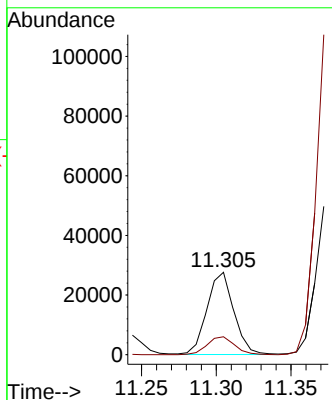
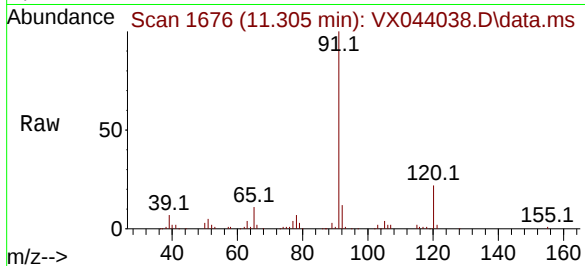




#78
n-propylbenzene
Concen: 4.207 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

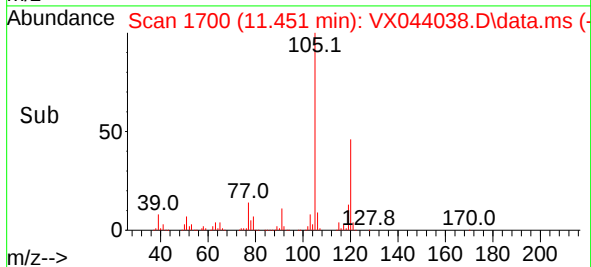
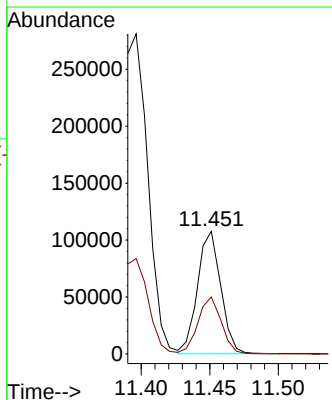
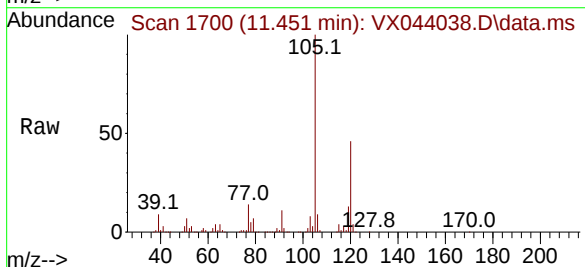
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

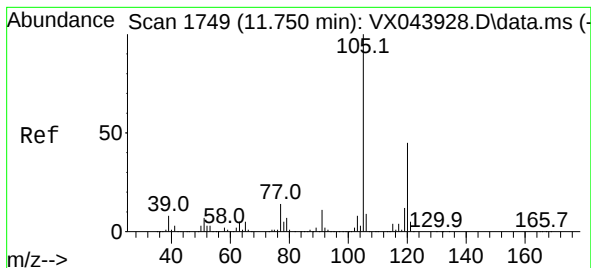
Tgt Ion: 91 Resp: 34425
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 21.039 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion:105 Resp: 126808
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 78.141 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

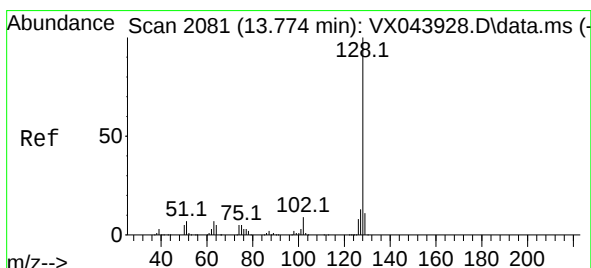
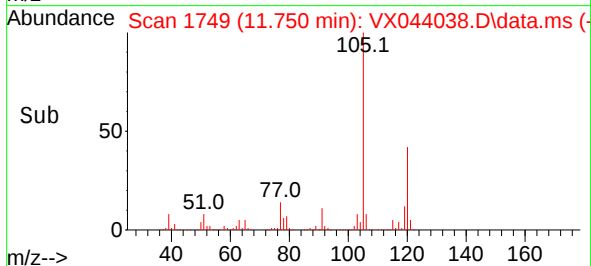
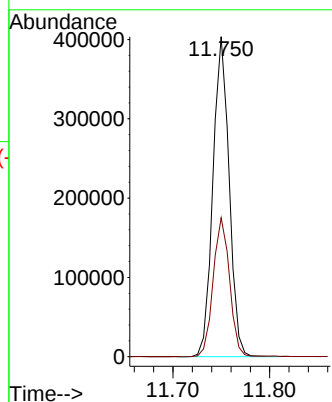
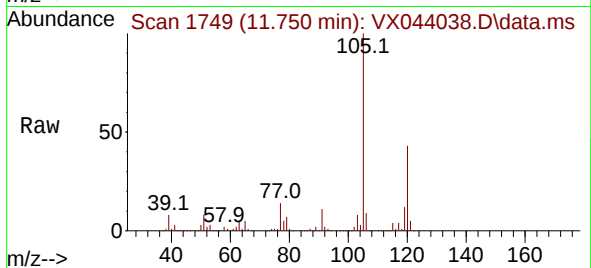
SPLP-C3-2

Tgt Ion:105 Resp: 468891

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.7



#95

Naphthalene

Concen: 2938.638 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Tgt Ion:128 Resp:20032822

Ion Ratio Lower Upper

128 100

127 26.7 10.2 15.2#

129 25.8 8.6 12.8#

