

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044035.D
 Acq On : 27 Nov 2024 13:08
 Operator : JC/MD
 Sample : P5001-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-2

Quant Time: Nov 29 03:58:35 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)

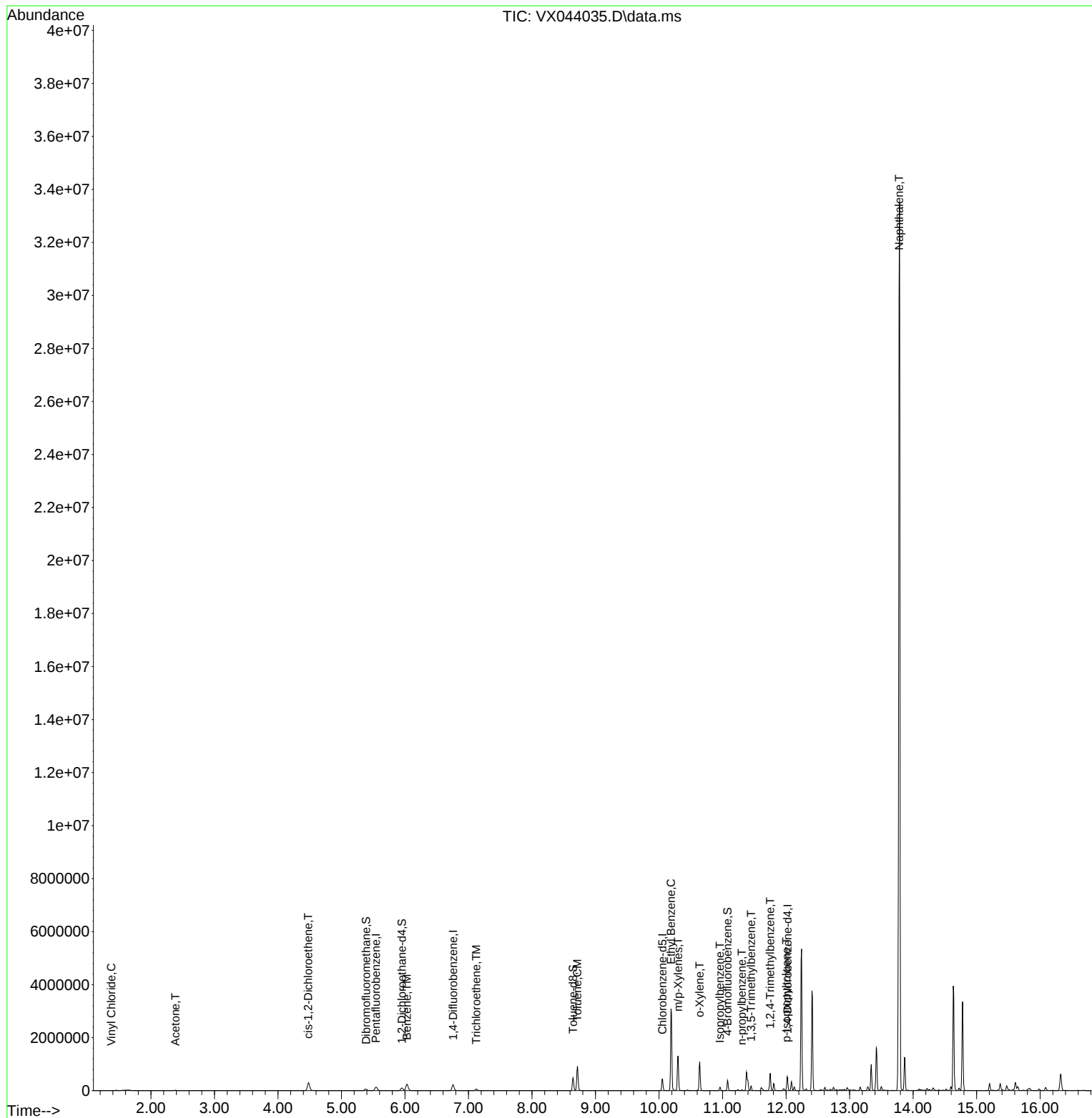
Internal Standards						
1) Pentafluorobenzene	5.543	168	117251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99985	49.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	5.385	113	48683	29.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	59.900%#
50) Toluene-d8	8.646	98	274561	48.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	95898	50.283	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.560%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	1664	1.001	ug/l	98
16) Acetone	2.385	43	20962	22.694	ug/l	95
27) cis-1,2-Dichloroethene	4.476	96	174316	101.098	ug/l	90
40) Benzene	6.031	78	286293	45.369	ug/l	100
44) Trichloroethene	7.122	130	21807	12.208	ug/l	93
52) Toluene	8.713	92	336108	88.991	ug/l	99
67) Ethyl Benzene	10.189	91	1773871	245.695	ug/l	100
68) m/p-Xylenes	10.299	106	286490	106.406	ug/l	99
69) o-Xylene	10.640	106	221215	84.151	ug/l	98
73) Isopropylbenzene	10.957	105	67576	9.127	ug/l	98
78) n-propylbenzene	11.304	91	18398	2.225	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	72772	11.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	266783	43.991	ug/l	99
86) p-Isopropyltoluene	12.006	119	10893	1.813	ug/l #	74
95) Naphthalene	13.780	128	15395623	2234.604	ug/l #	79

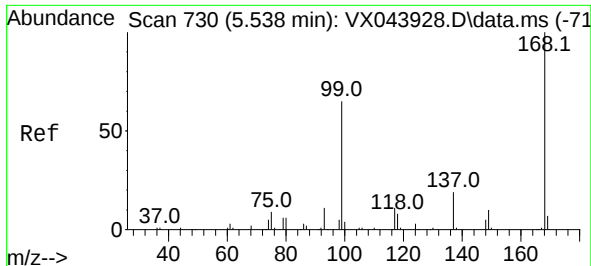
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

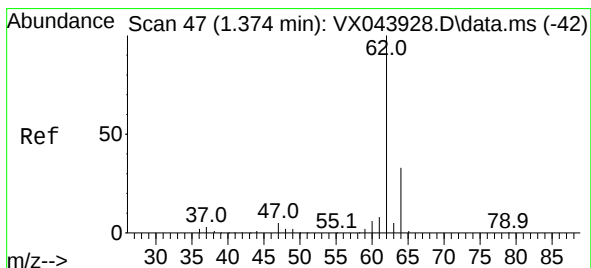
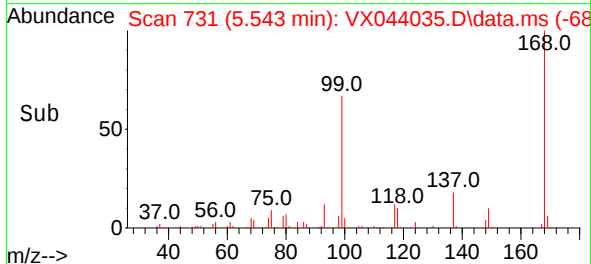
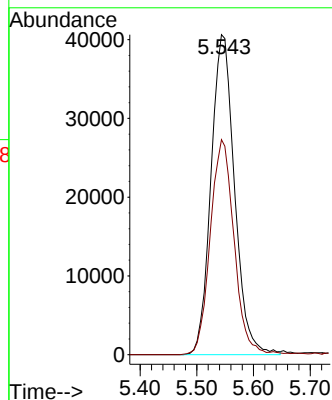
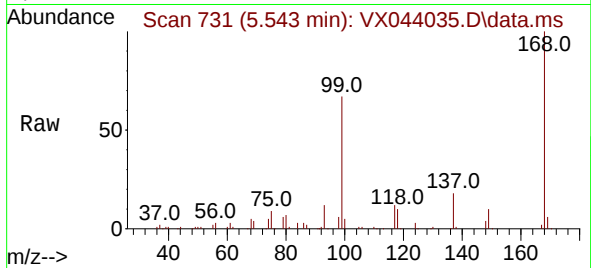




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

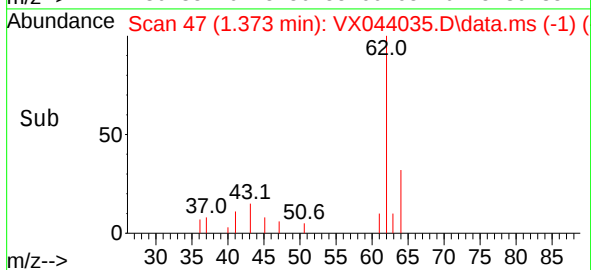
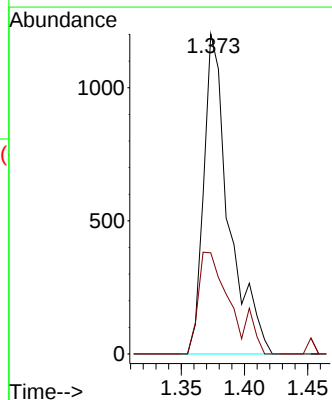
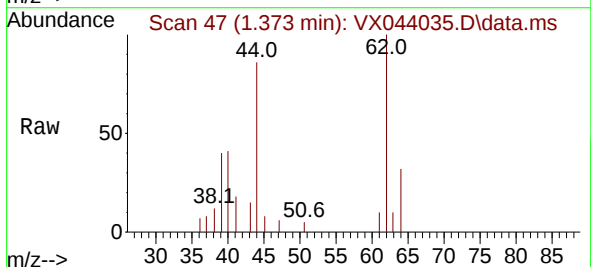
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

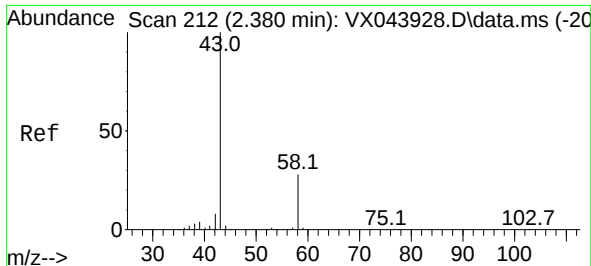
Tgt Ion:168 Resp: 117251
Ion Ratio Lower Upper
168 100
99 67.2 51.8 77.8



#4
Vinyl Chloride
Concen: 1.001 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion: 62 Resp: 1664
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.4

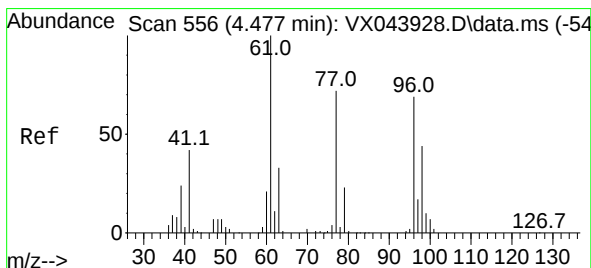
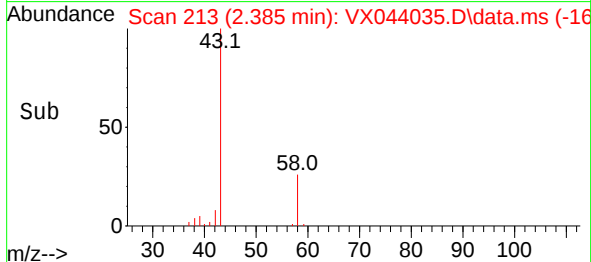
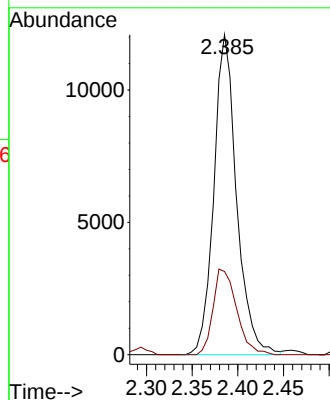
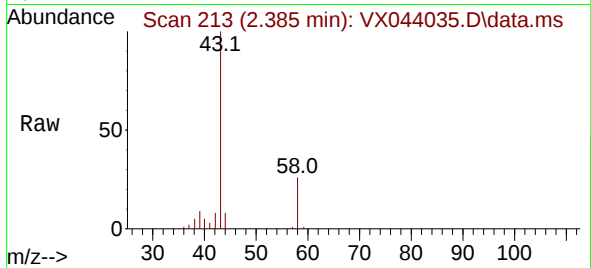




#16
Acetone
Concen: 22.694 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

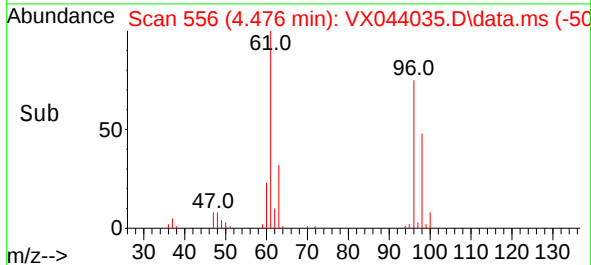
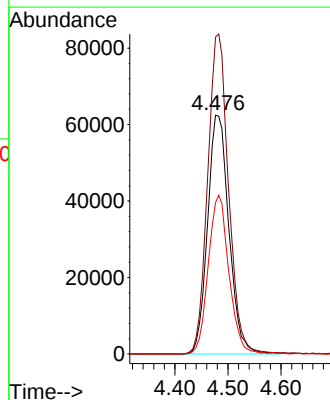
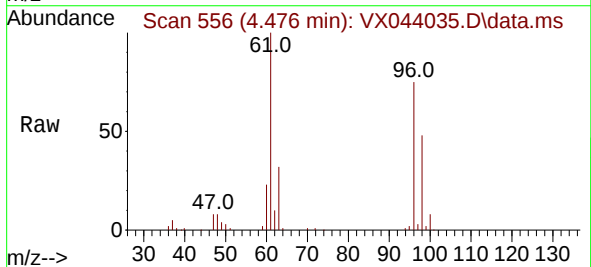
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

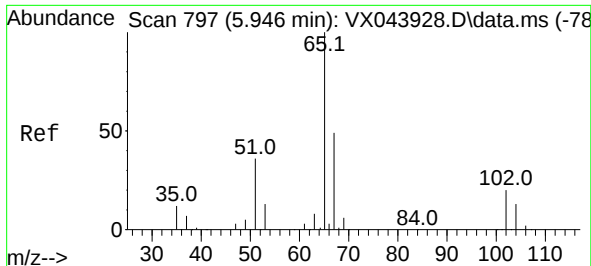
Tgt Ion: 43 Resp: 20962
Ion Ratio Lower Upper
43 100
58 26.0 22.7 34.1



#27
cis-1,2-Dichloroethene
Concen: 101.098 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion: 96 Resp: 174316
Ion Ratio Lower Upper
96 100
61 131.4 0.0 297.4
98 64.2 0.0 127.8

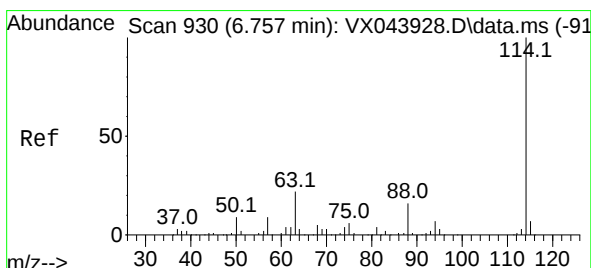
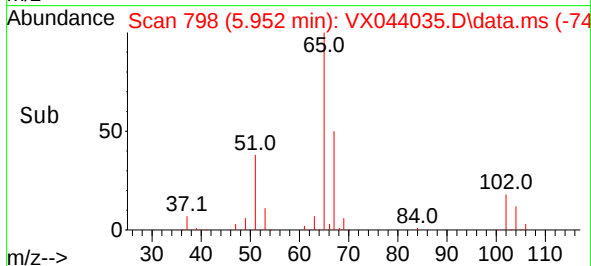
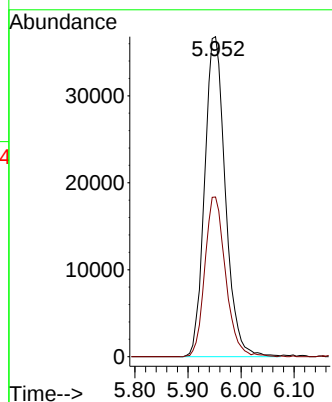
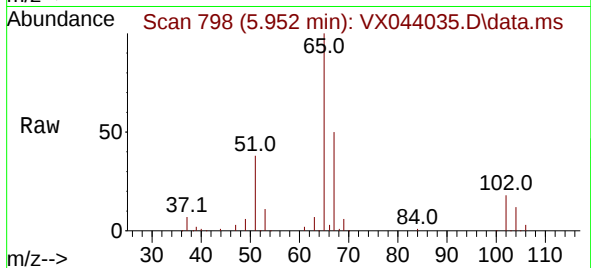




#33
1,2-Dichloroethane-d4
Concen: 49.718 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

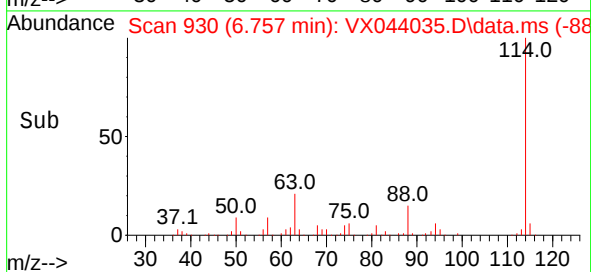
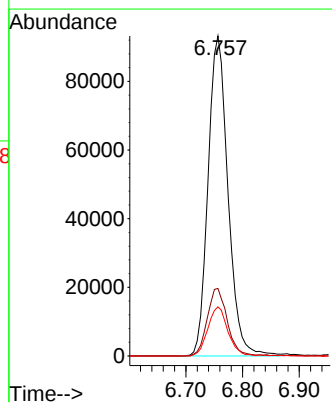
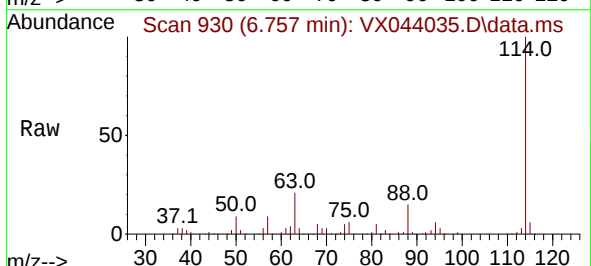
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

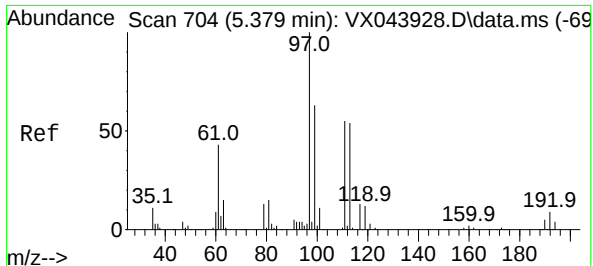
Tgt Ion: 65 Resp: 99985
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion: 114 Resp: 227513
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 29.946 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2

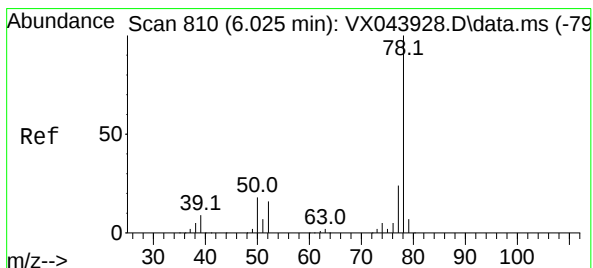
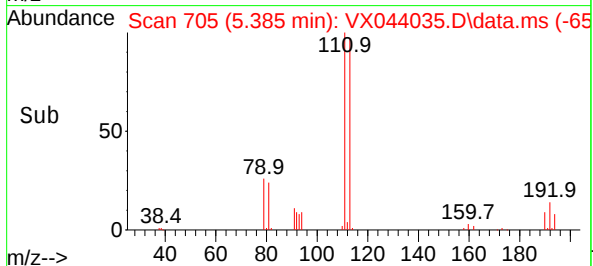
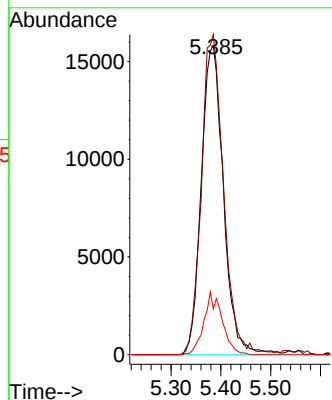
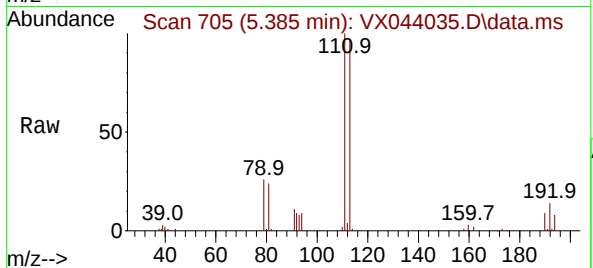
Tgt Ion:113 Resp: 48683

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

192 16.8 13.0 19.6



#40

Benzene

Concen: 45.369 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044035.D

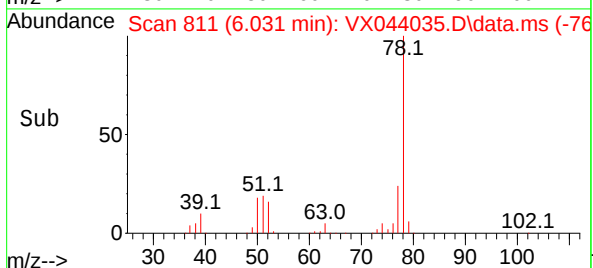
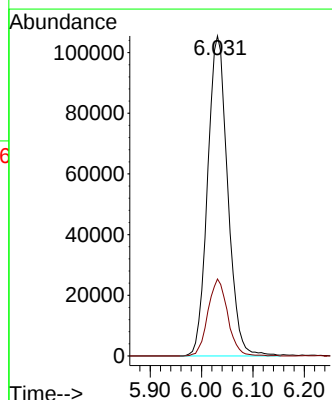
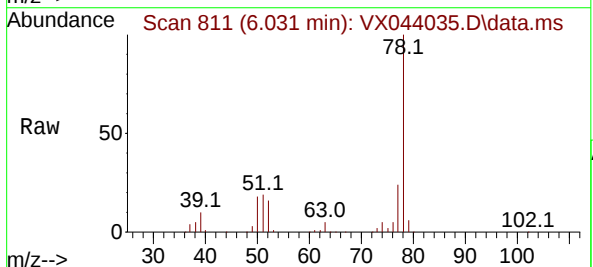
Acq: 27 Nov 2024 13:08

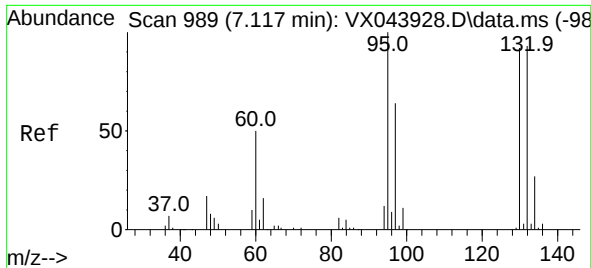
Tgt Ion: 78 Resp: 286293

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

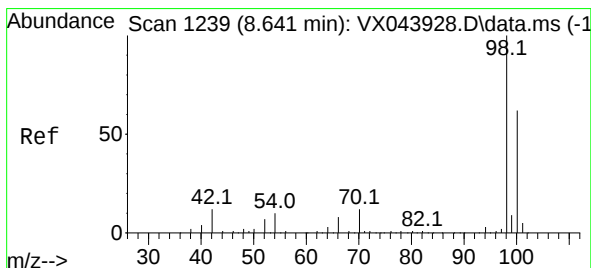
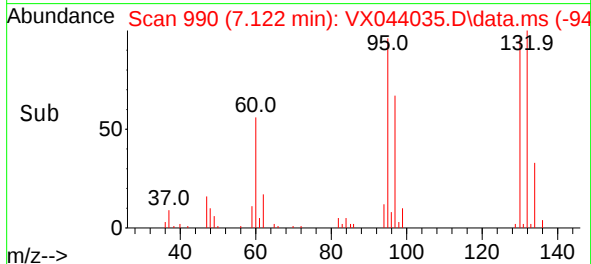
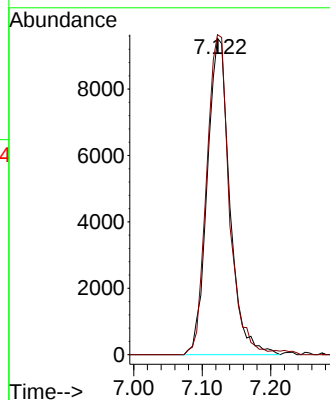
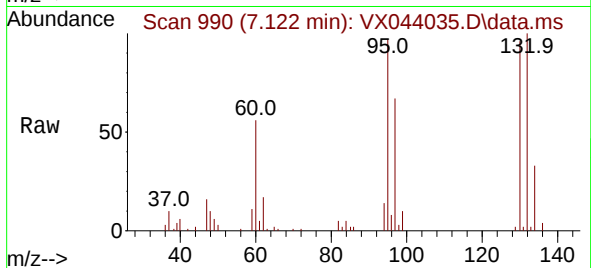




#44
Trichloroethene
Concen: 12.208 ug/l
RT: 7.122 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

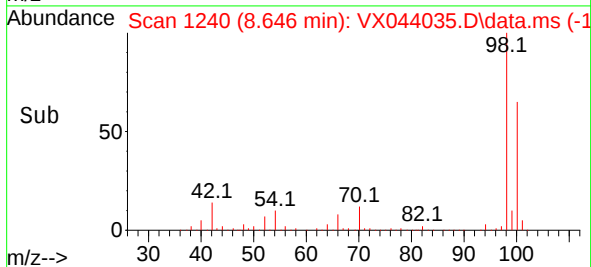
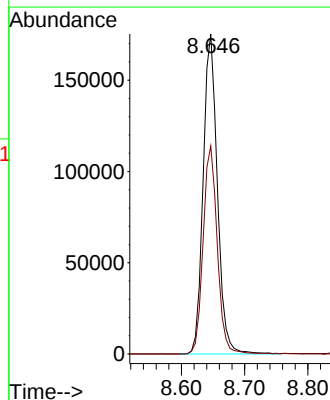
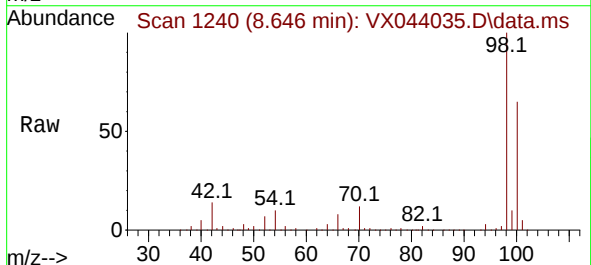
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

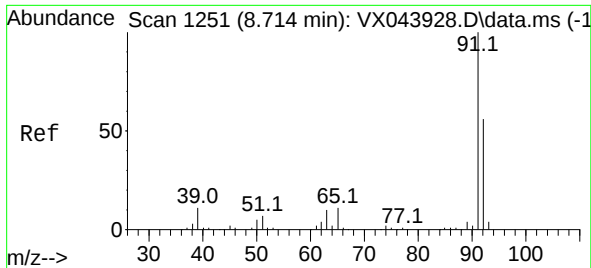
Tgt Ion:130 Resp: 21807
Ion Ratio Lower Upper
130 100
95 101.1 0.0 217.8



#50
Toluene-d8
Concen: 48.994 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion: 98 Resp: 274561
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0





#52

Toluene

Concen: 88.991 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

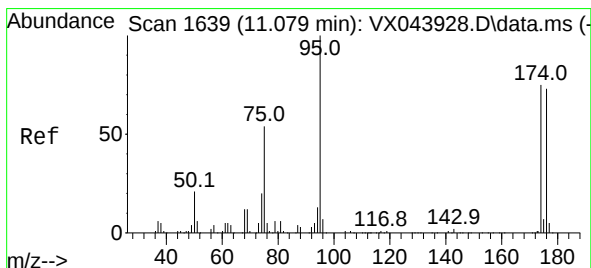
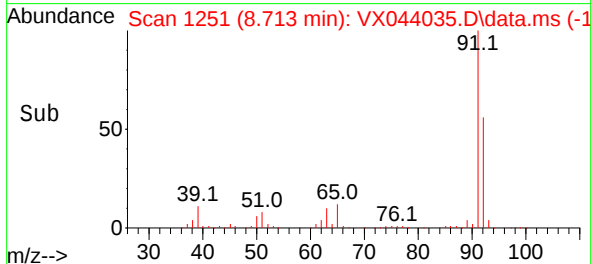
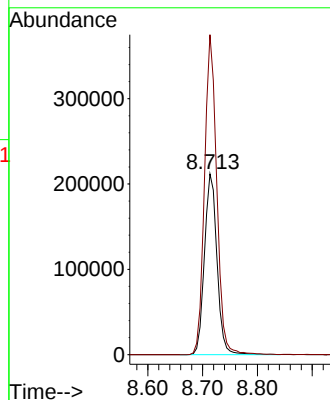
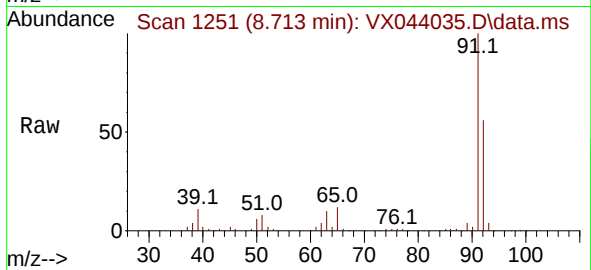
SPLP-C2-2

Tgt Ion: 92 Resp: 336108

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

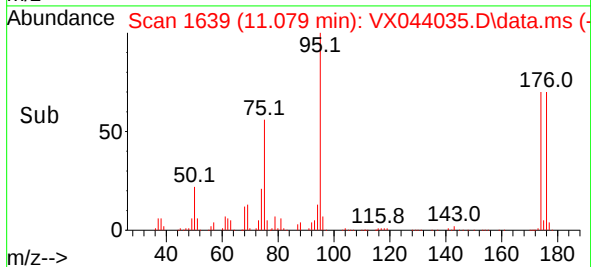
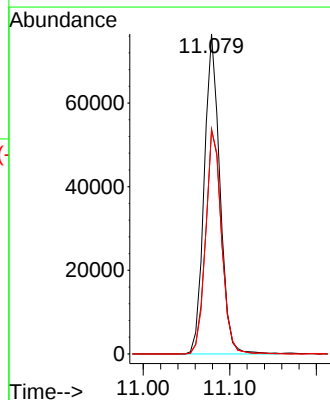
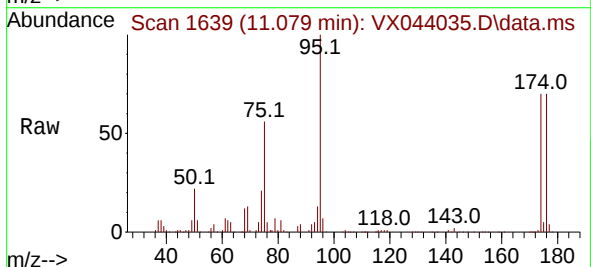
Tgt Ion: 95 Resp: 95898

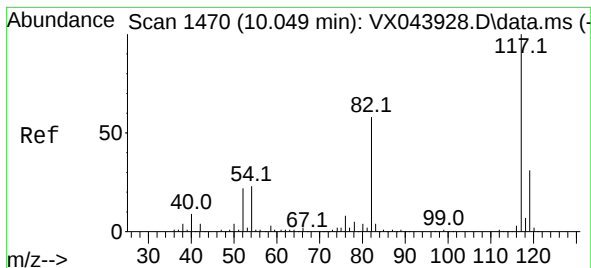
Ion Ratio Lower Upper

95 100

174 71.4 0.0 150.4

176 71.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2

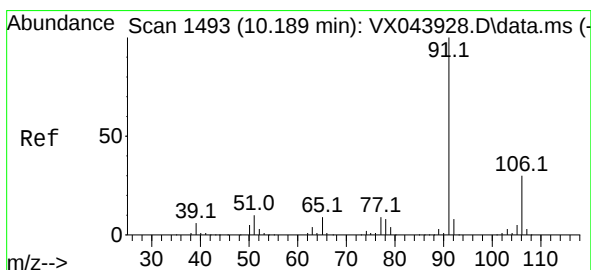
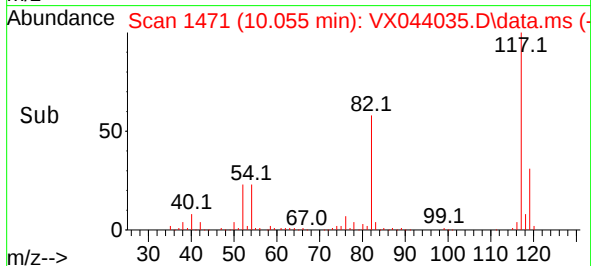
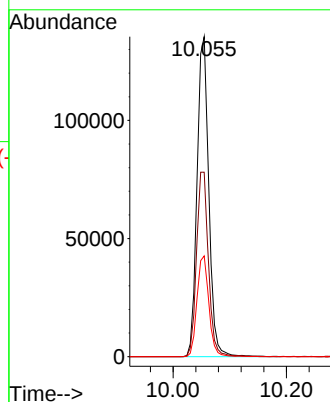
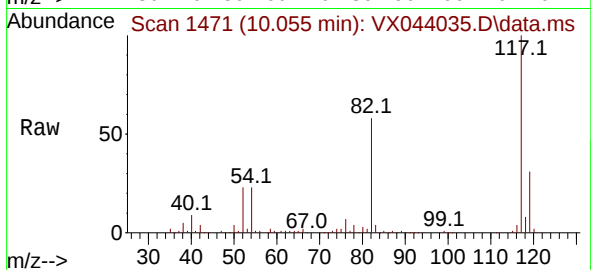
Tgt Ion:117 Resp: 193997

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

119 31.5 24.6 37.0



#67

Ethyl Benzene

Concen: 245.695 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044035.D

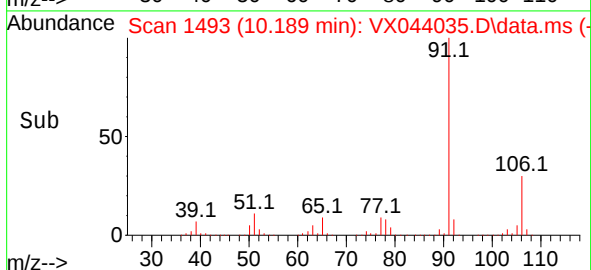
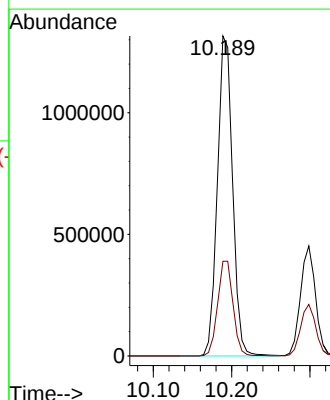
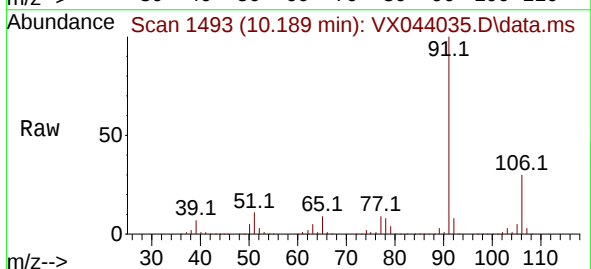
Acq: 27 Nov 2024 13:08

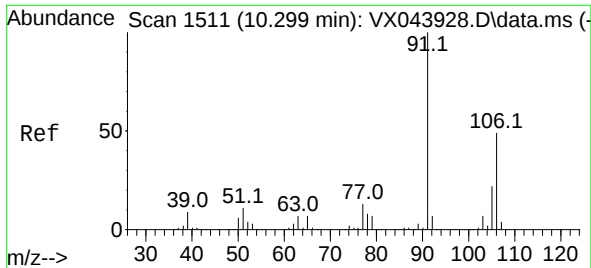
Tgt Ion: 91 Resp: 1773871

Ion Ratio Lower Upper

91 100

106 29.6 23.6 35.4

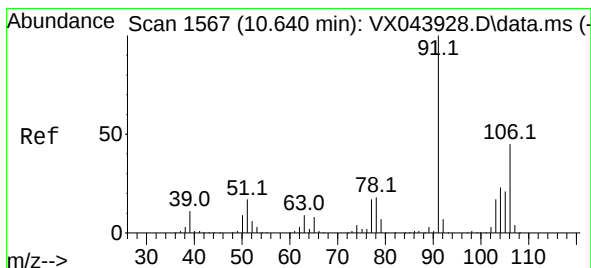
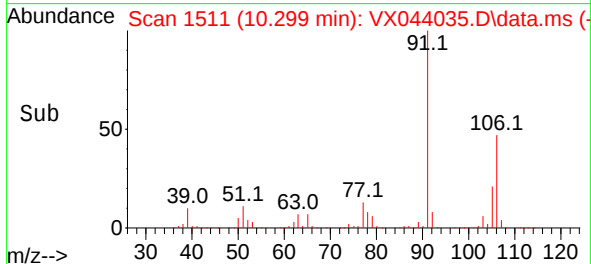
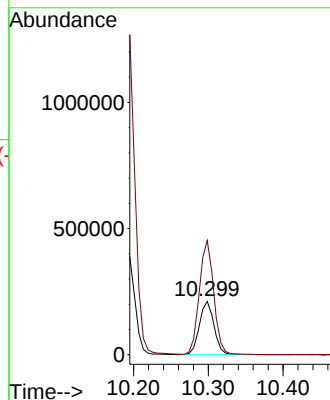
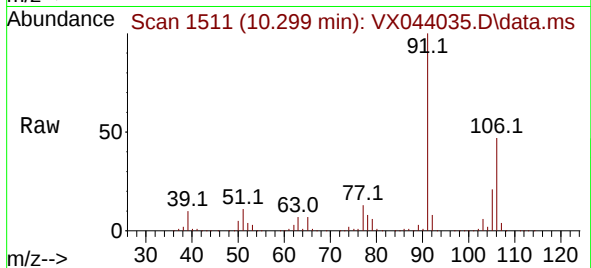




#68
m/p-Xylenes
Concen: 106.406 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

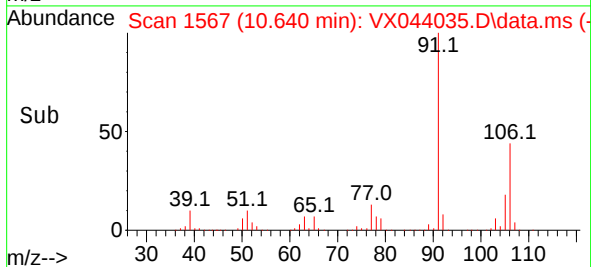
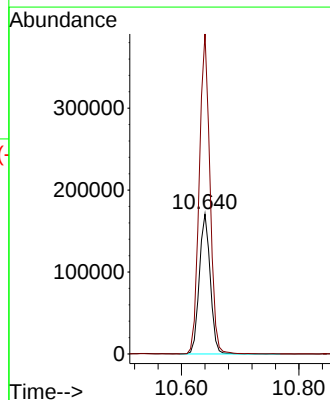
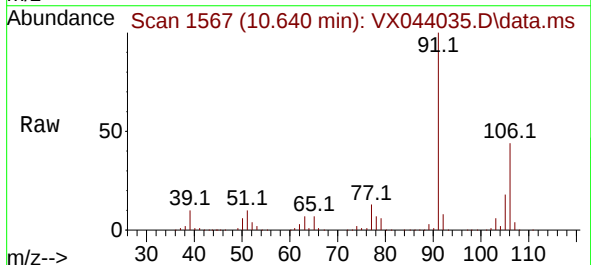
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

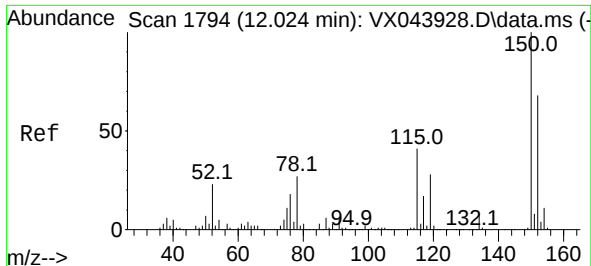
Tgt Ion:106 Resp: 286490
Ion Ratio Lower Upper
106 100
91 211.9 168.1 252.1



#69
o-Xylene
Concen: 84.151 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion:106 Resp: 221215
Ion Ratio Lower Upper
106 100
91 223.6 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2

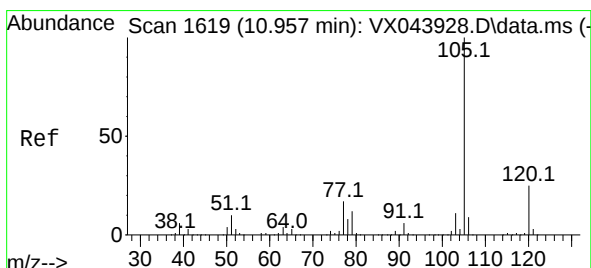
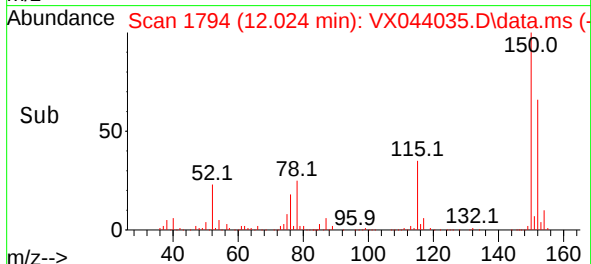
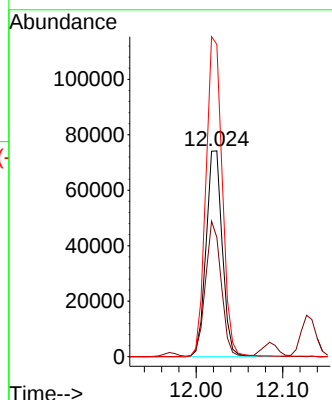
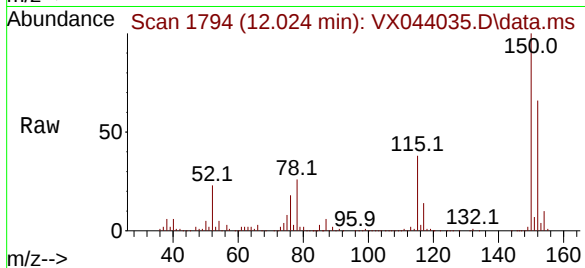
Tgt Ion:152 Resp: 96320

Ion Ratio Lower Upper

152 100

115 63.0 45.4 136.2

150 157.1 0.0 353.0



#73

Isopropylbenzene

Concen: 9.127 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.001 min

Lab File: VX044035.D

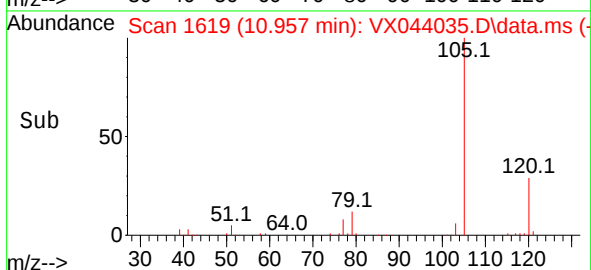
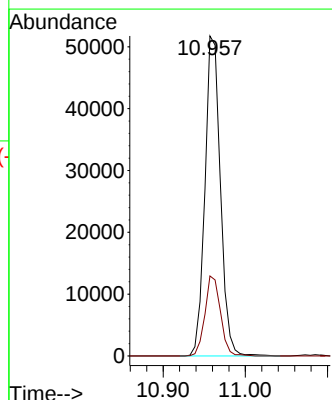
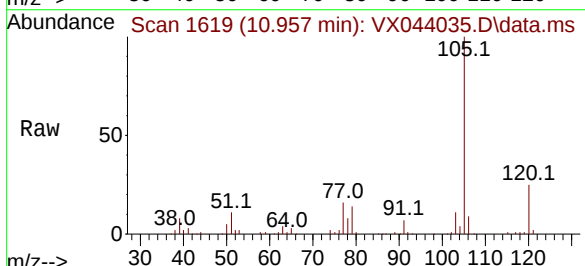
Acq: 27 Nov 2024 13:08

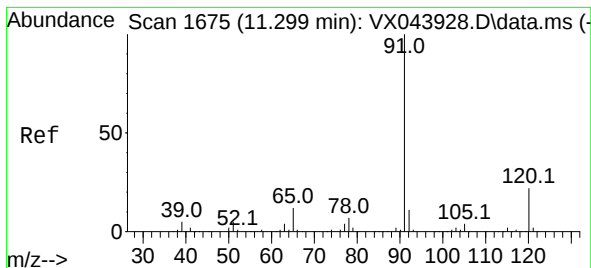
Tgt Ion:105 Resp: 67576

Ion Ratio Lower Upper

105 100

120 25.1 13.0 38.9





#78

n-propylbenzene

Concen: 2.225 ug/l

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

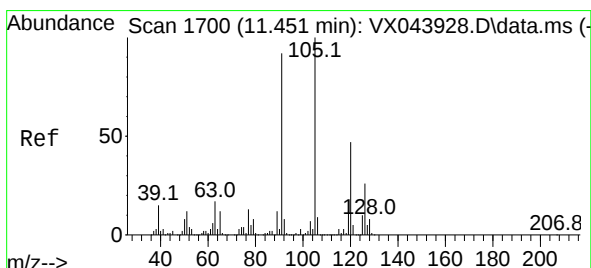
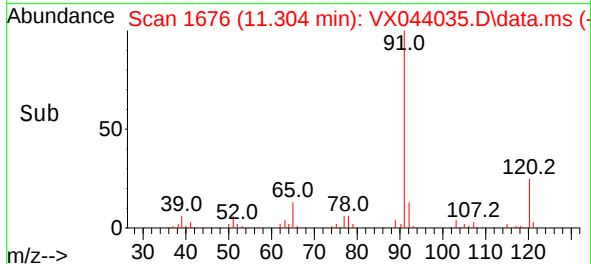
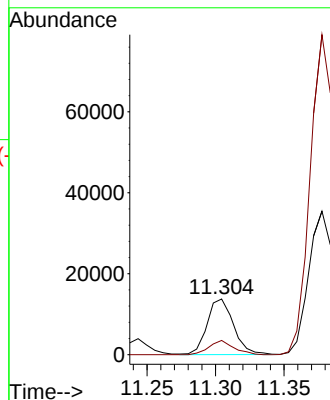
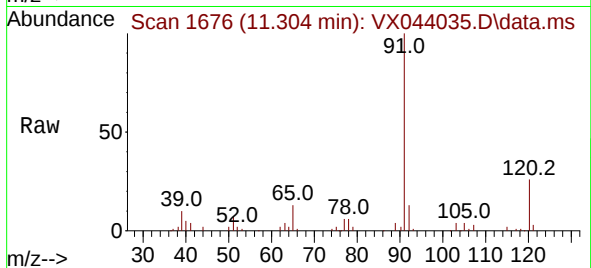
SPLP-C2-2

Tgt Ion: 91 Resp: 18398

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 11.947 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.001 min

Lab File: VX044035.D

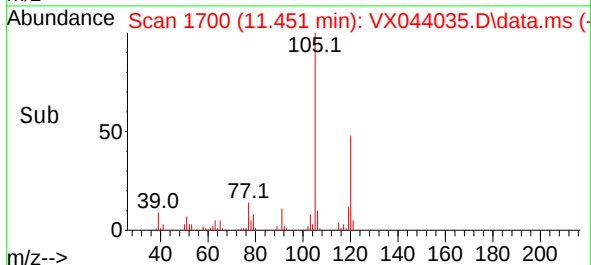
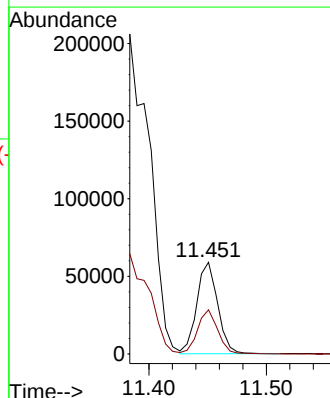
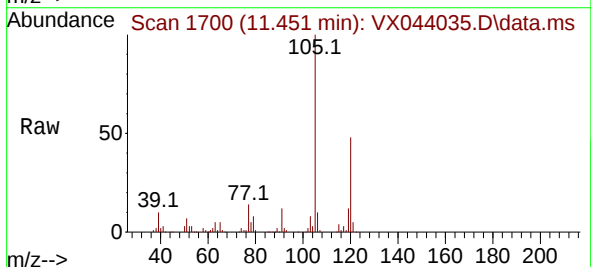
Acq: 27 Nov 2024 13:08

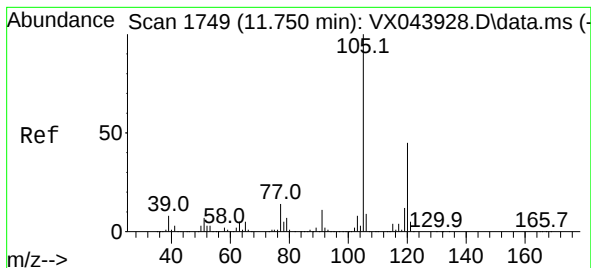
Tgt Ion:105 Resp: 72772

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 43.991 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

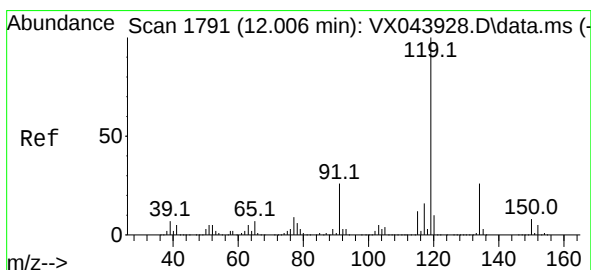
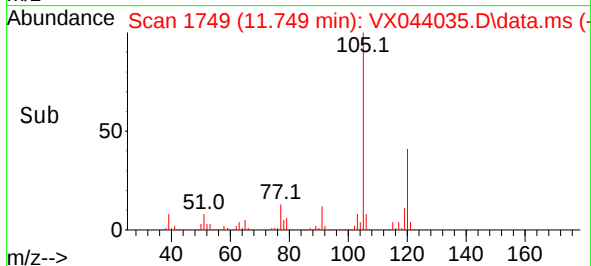
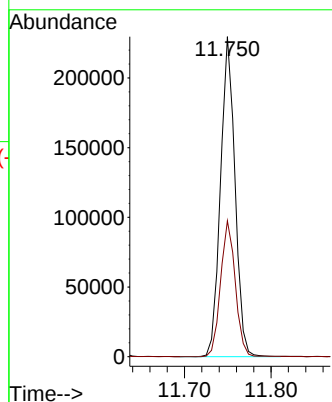
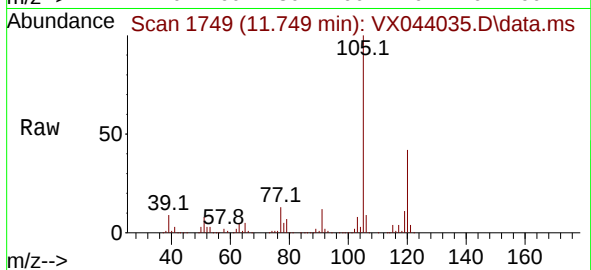
SPLP-C2-2

Tgt Ion:105 Resp: 266783

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.7



#86

p-Isopropyltoluene

Concen: 1.813 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

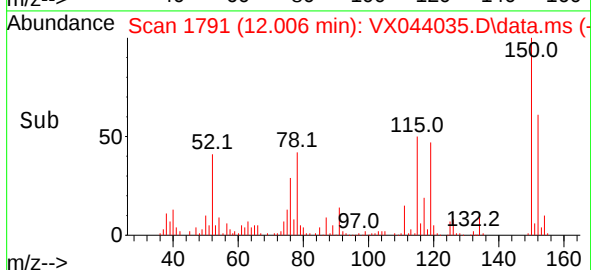
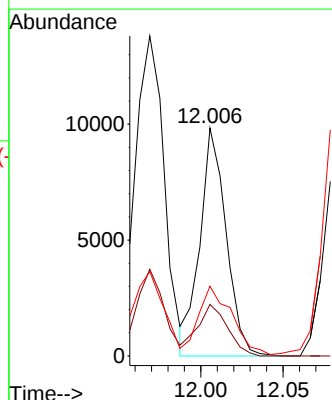
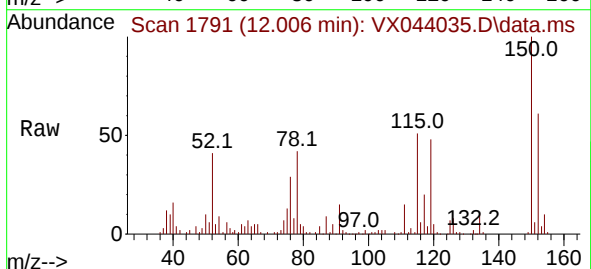
Tgt Ion:119 Resp: 10893

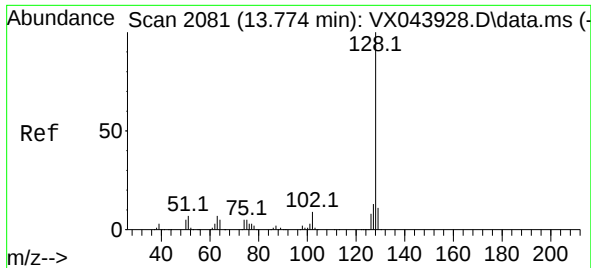
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

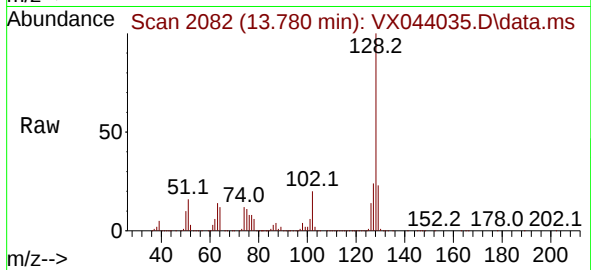
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 2234.604 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2



Tgt Ion:128 Resp:15395623
Ion Ratio Lower Upper
128 100
127 20.8 10.2 15.2#
129 19.1 8.6 12.8#

