

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005059.D
 Acq On : 05 Oct 2018 10:18
 Operator : JC/MD
 Sample : J5207-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-3135

Quant Time: Oct 05 12:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

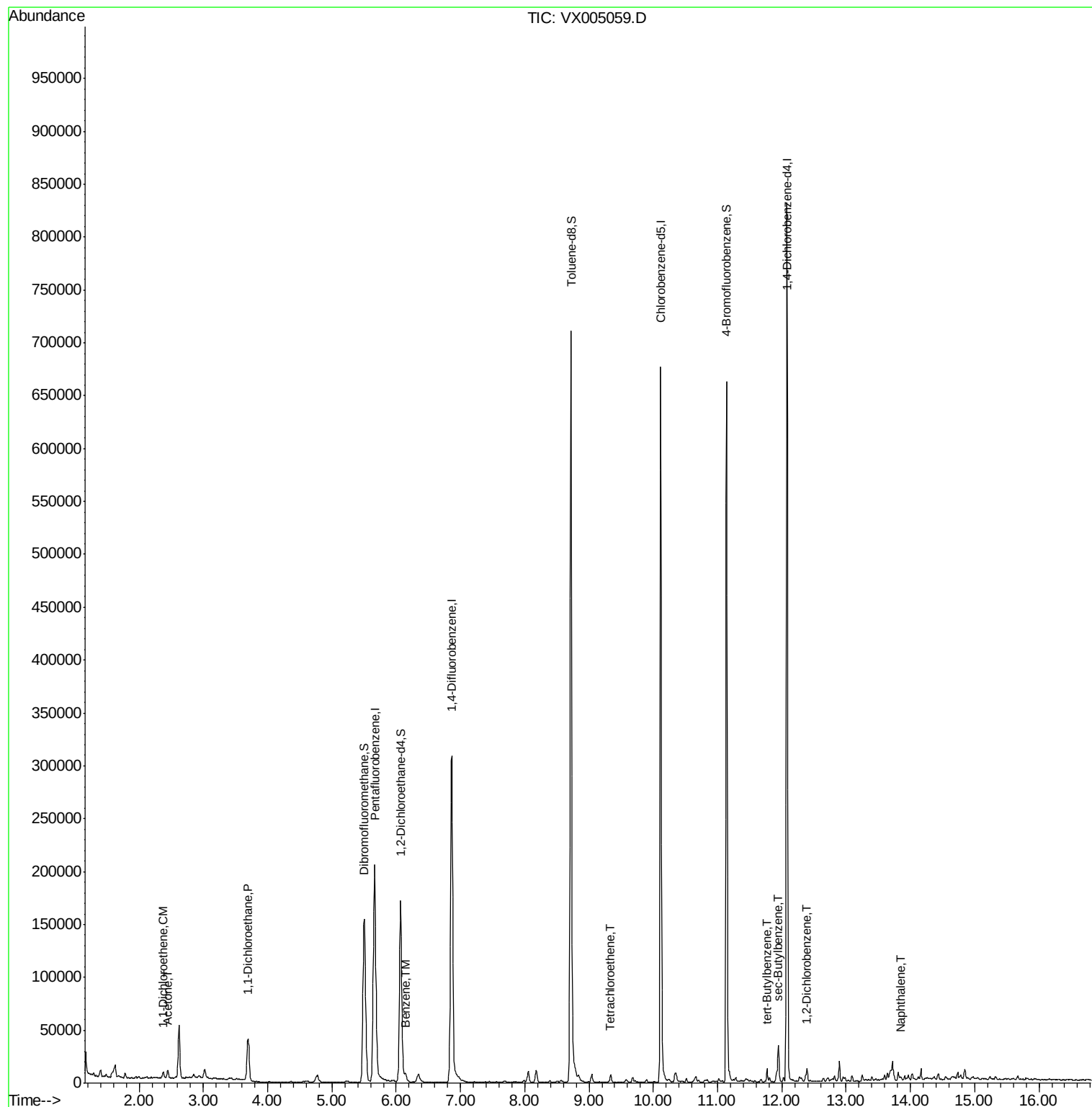
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161037	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
35) Dibromofluoromethane	5.50	113	135405	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.72	98	470825	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	166490	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	1828	0.823	ug/l	93
16) Acetone	2.45	43	8610	5.034	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	47303	9.712	ug/l	98
40) Benzene	6.14	78	8182	0.692	ug/l	96
64) Tetrachloroethene	9.34	164	1363	0.440	ug/l	85
83) tert-Butylbenzene	11.77	119	4129	0.461	ug/l	83
85) sec-Butylbenzene	11.95	105	17386	1.594	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	3212	0.521	ug/l	94
95) Naphthalene	13.83	128	1739	0.839	ug/l #	75

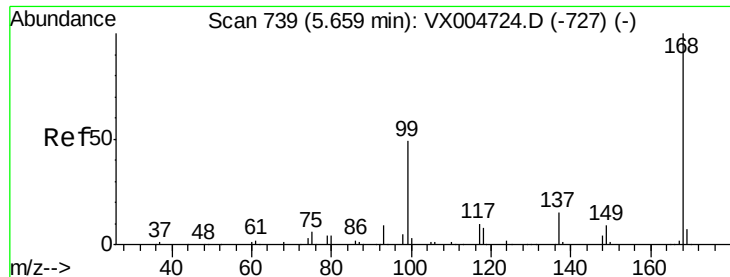
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005059.D
Acq On : 05 Oct 2018 10:18
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Sample : J5207-24
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 97 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-3135

Quant Time: Oct 05 12:01:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

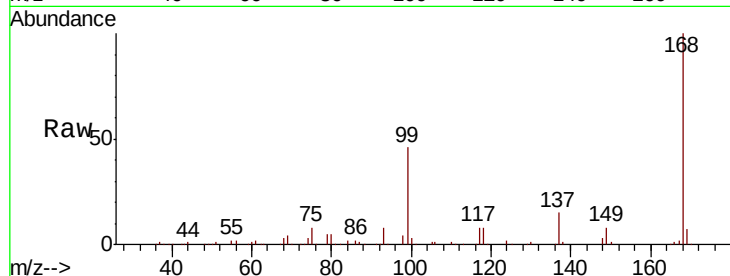
SA-TW512-3135

Tot Ion:168 Resp: 205092

Ion Ratio Lower Upper

168 100

99 46.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

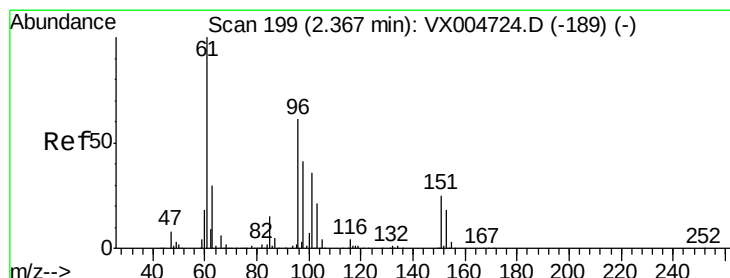
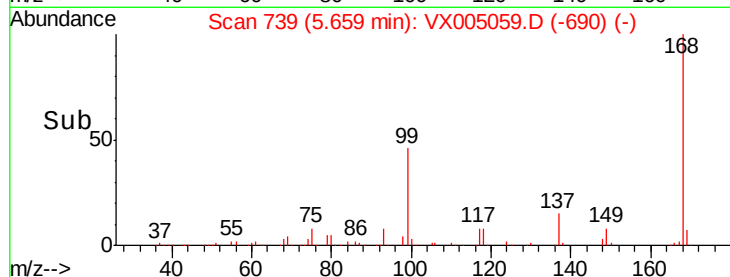
40000

20000

0

5.60 5.70 5.80

Time-->



#12

1,1-Dichloroethene

Concen: 0.823 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

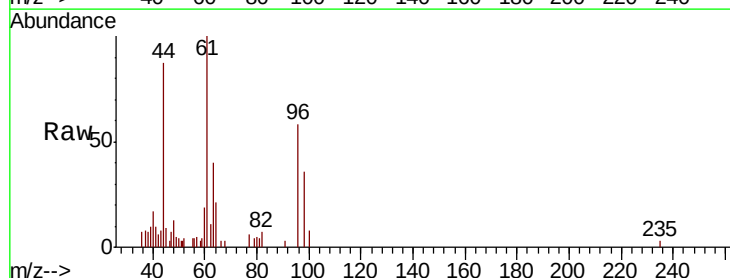
Tgt Ion: 96 Resp: 1828

Ion Ratio Lower Upper

96 100

61 172.2 130.2 195.4

98 62.0 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

1500

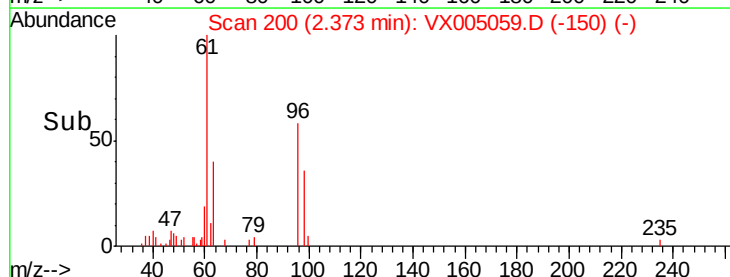
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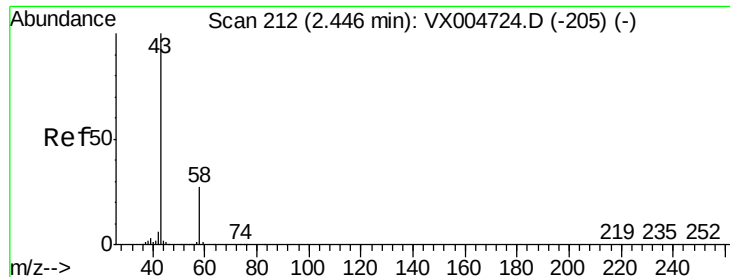
500

0

2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 5.034 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

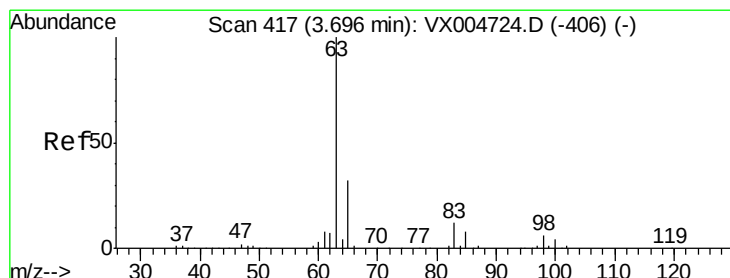
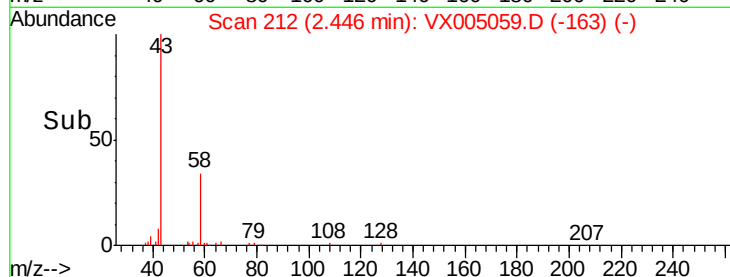
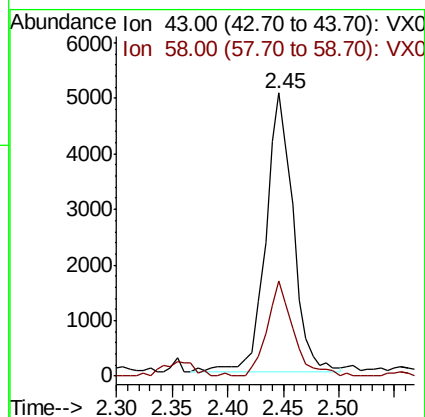
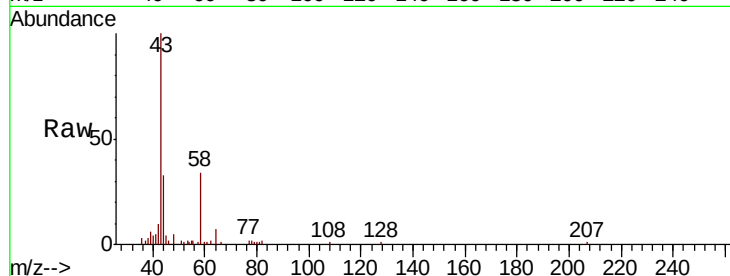
SA-TW512-3135

Tot Ion: 43 Resp: 8610

Ion Ratio Lower Upper

43 100

58 34.1 21.8 32.6#



#24

1,1-Dichloroethane

Concen: 9.712 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

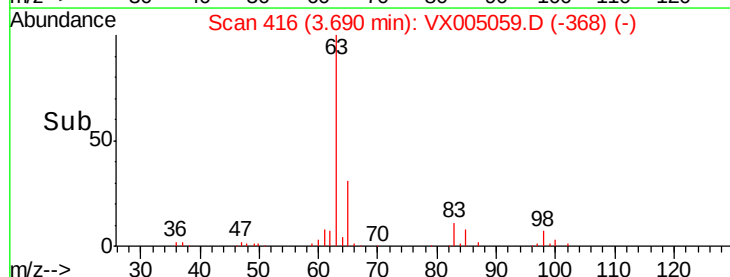
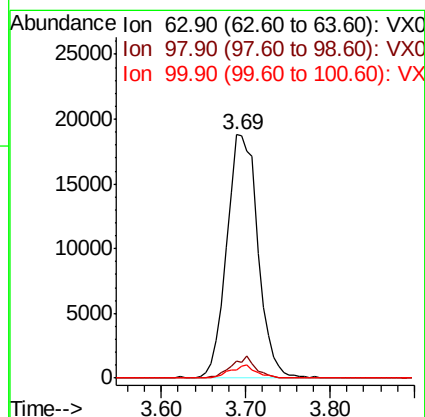
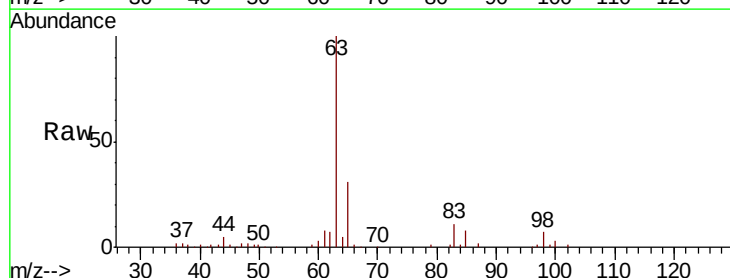
Tgt Ion: 63 Resp: 47303

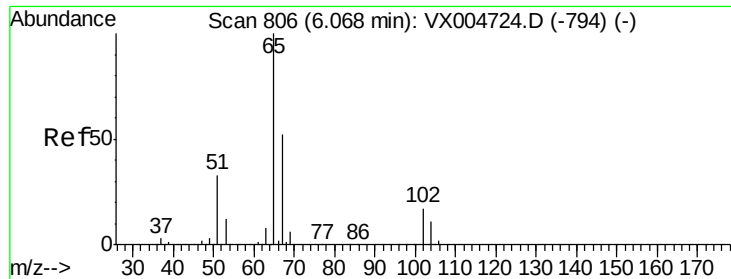
Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 3.4 2.0 5.8

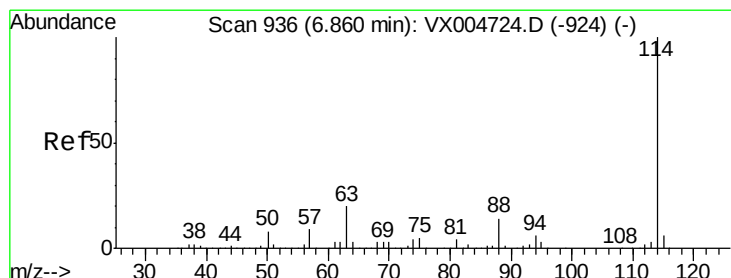
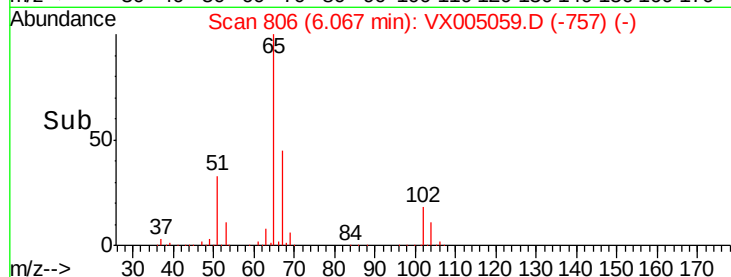
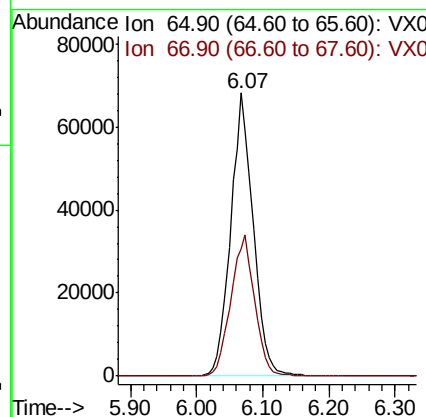
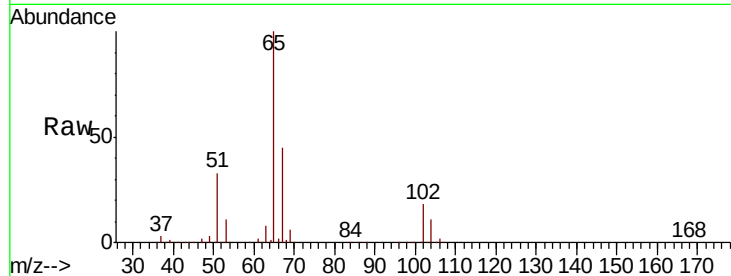




#33
 1,2-Dichloroethane-d4
 Concen: 54.966 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005059.D
 Acq: 05 Oct 2018 10:18

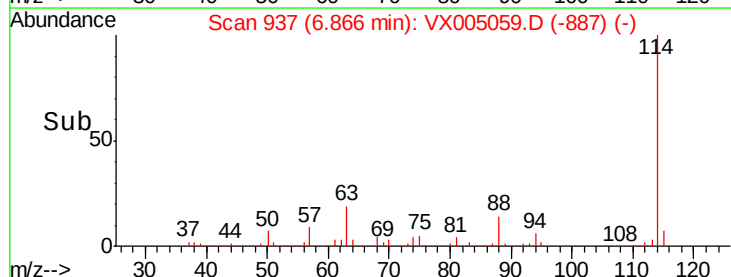
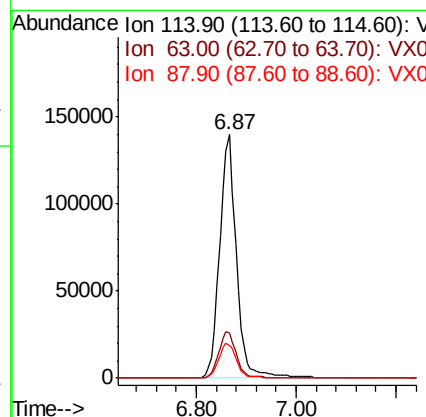
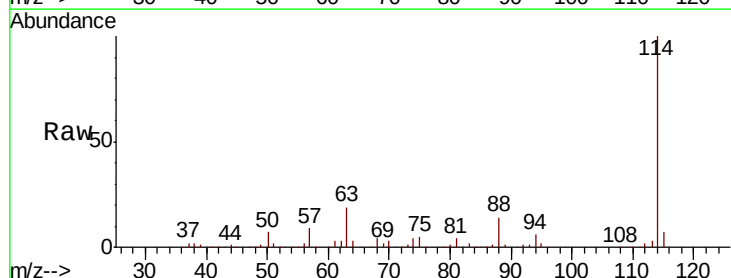
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-3135

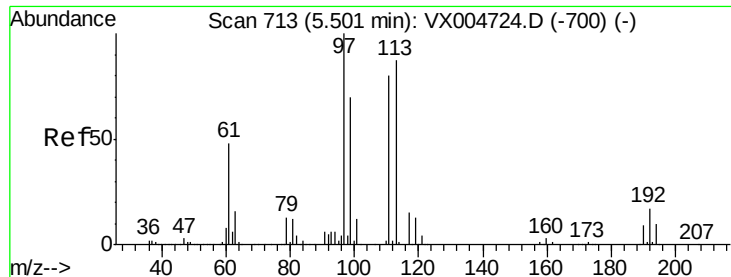
Tot Ion: 65 Resp: 161037
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005059.D
 Acq: 05 Oct 2018 10:18

Tgt Ion: 114 Resp: 326478
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.8
 88 13.6 0.0 27.0

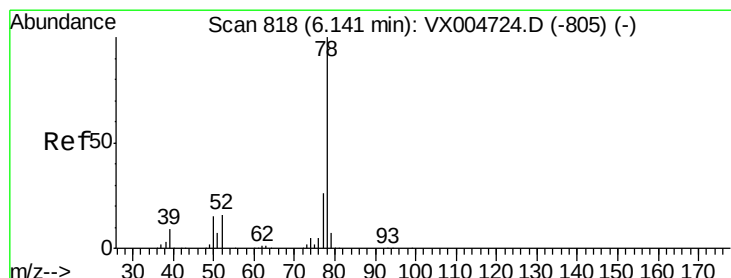
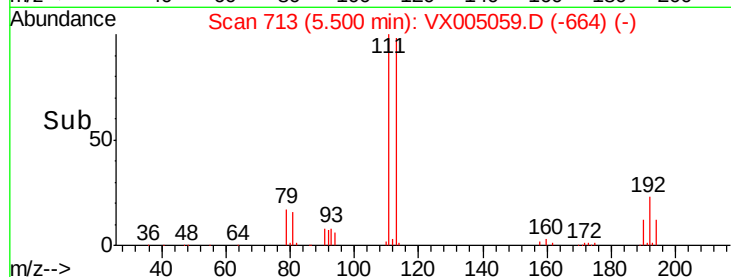
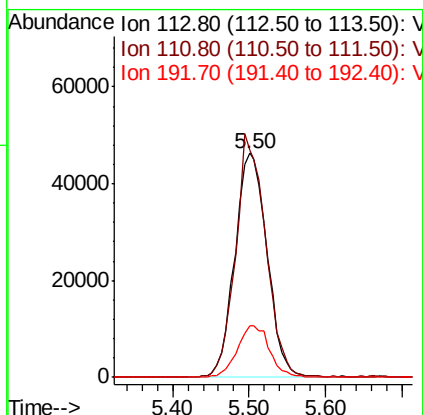
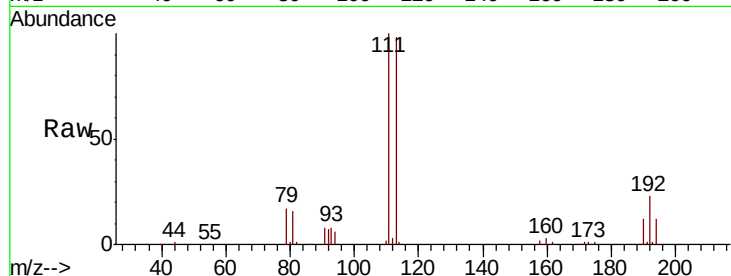




#35
 Dibromofluoromethane
 Concen: 48.937 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005059.D
 Acq: 05 Oct 2018 10:18

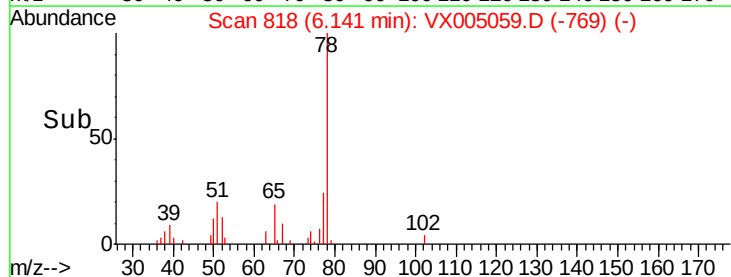
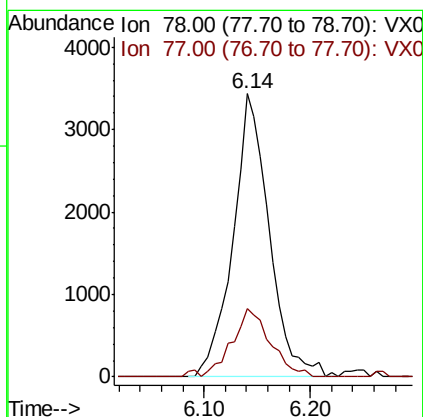
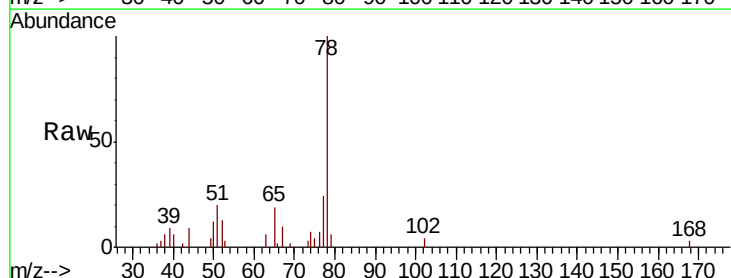
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-3135

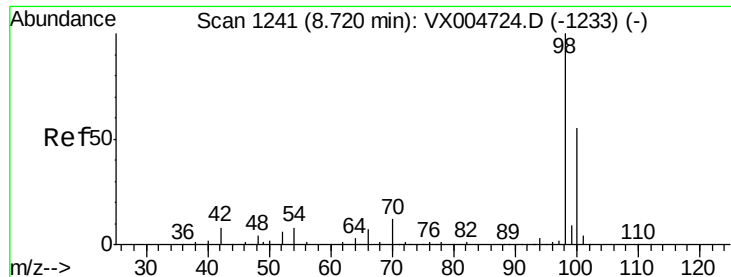
Tot Ion:113 Resp: 135405
 Ion Ratio Lower Upper
 113 100
 111 101.3 77.0 115.4
 192 23.1 17.0 25.6



#40
 Benzene
 Concen: 0.692 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX005059.D
 Acq: 05 Oct 2018 10:18

Tgt Ion: 78 Resp: 8182
 Ion Ratio Lower Upper
 78 100
 77 24.1 21.0 31.4

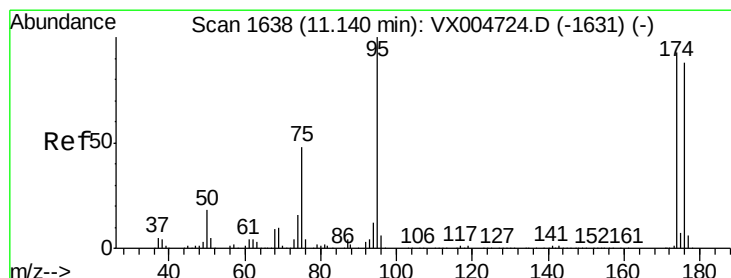
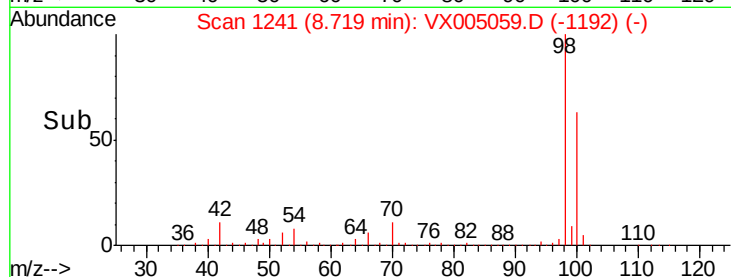
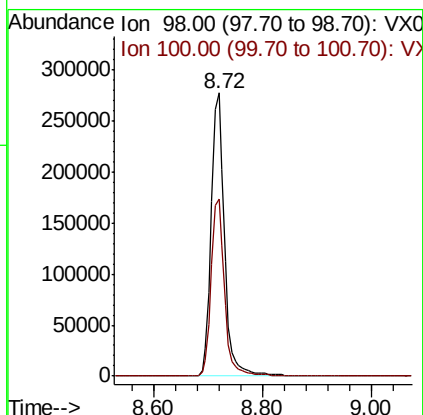
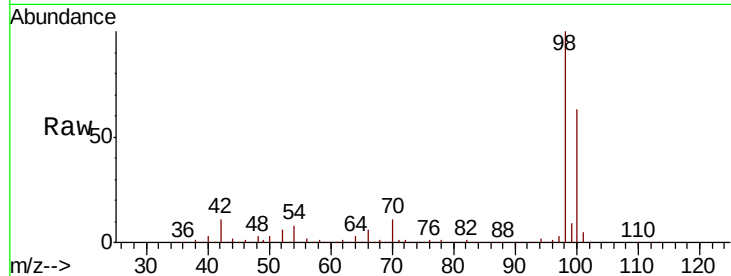




#50
Toluene-d8
Concen: 51.184 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005059.D
Acq: 05 Oct 2018 10:18

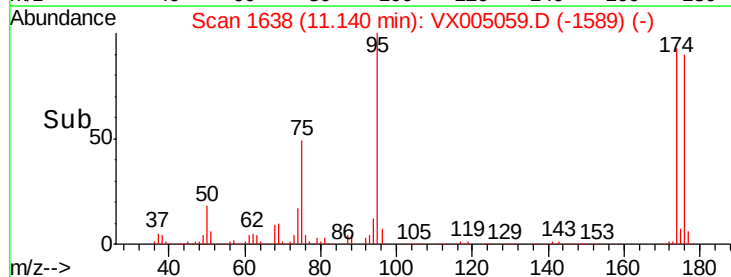
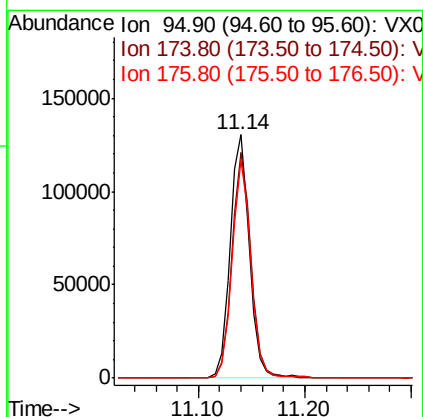
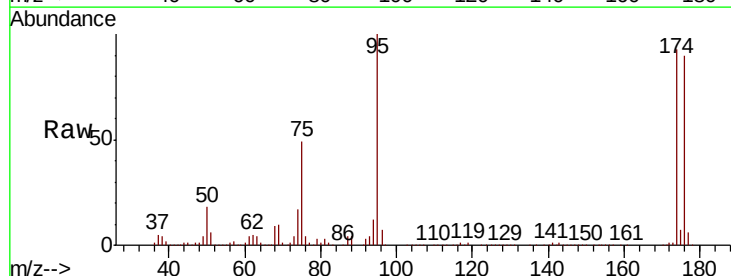
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ClientSampleId :
SA-TW512-3135

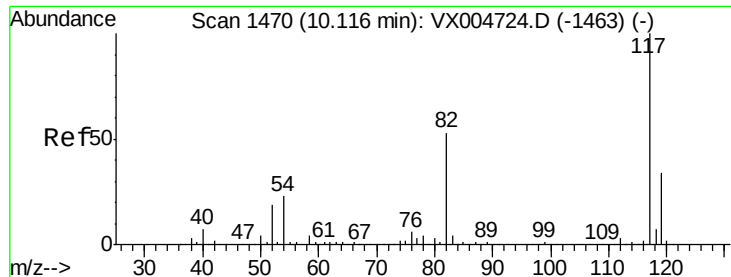
Tot Ion: 98 Resp: 470825
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.240 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005059.D
Acq: 05 Oct 2018 10:18

Tgt Ion: 95 Resp: 166490
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.0
176 87.5 0.0 180.2

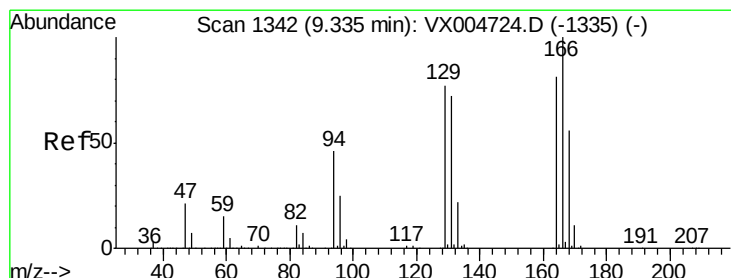
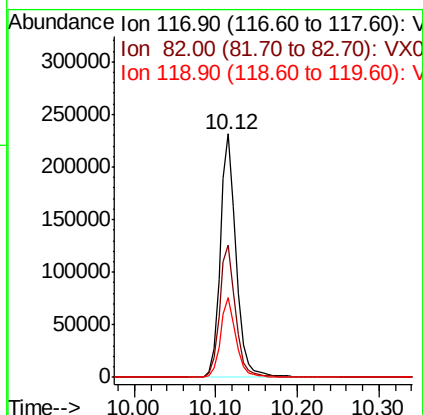
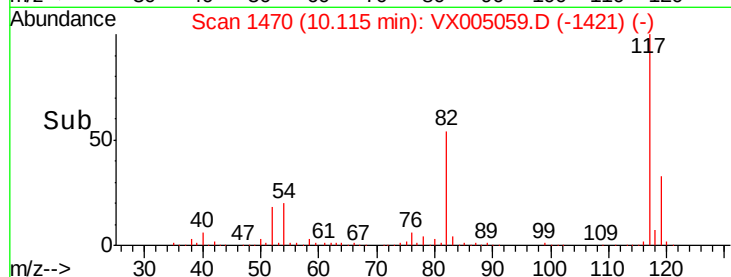
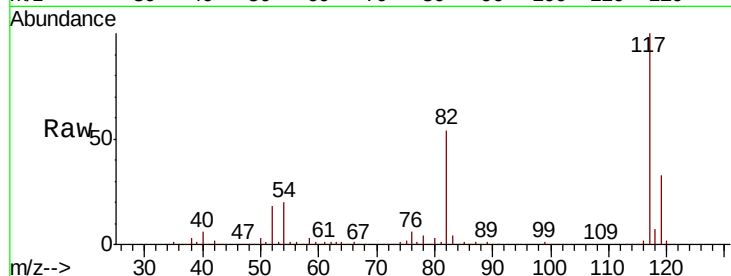




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005059.D
Acq: 05 Oct 2018 10:18

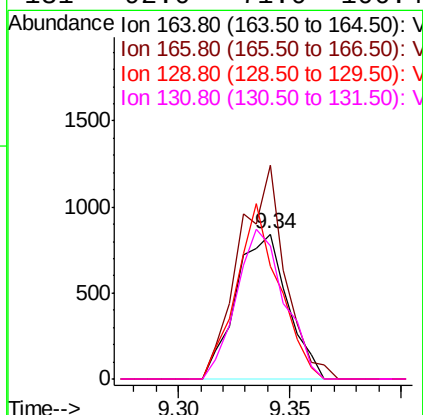
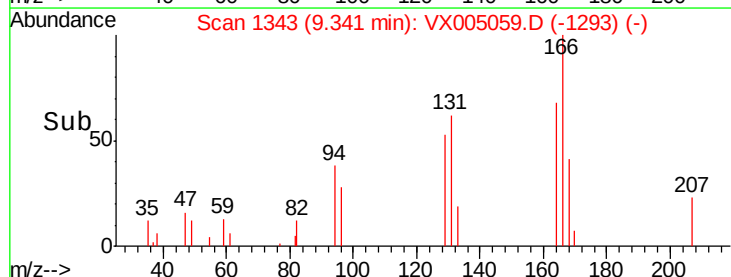
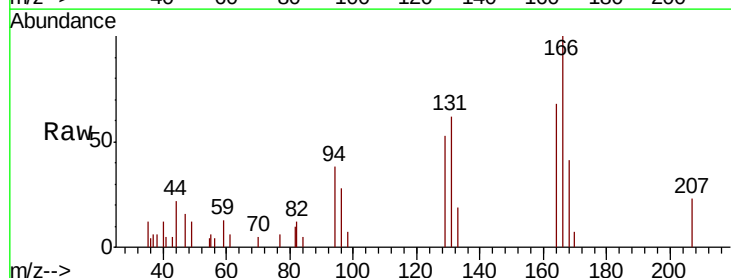
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ClientSampleId :
SA-TW512-3135

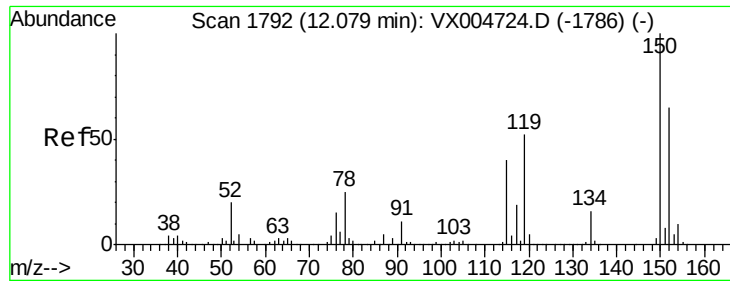
Tot Ion:117 Resp: 314540
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.6 27.4 41.0



#64
Tetrachloroethene
Concen: 0.440 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX005059.D
Acq: 05 Oct 2018 10:18

Tgt Ion:164 Resp: 1363
Ion Ratio Lower Upper
164 100
166 147.5 98.4 147.6
129 77.6 76.1 114.1
131 92.0 71.0 106.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

SA-TW512-3135

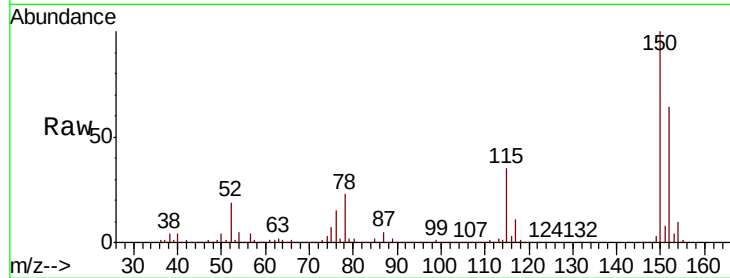
Tot Ion:152 Resp: 172569

Ion Ratio Lower Upper

152 100

115 54.7 40.2 120.6

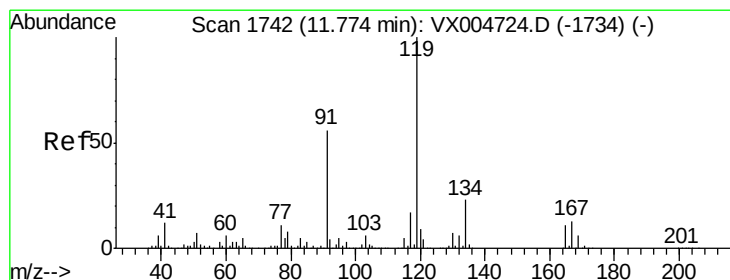
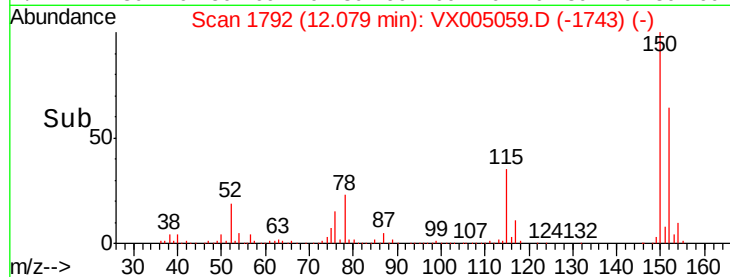
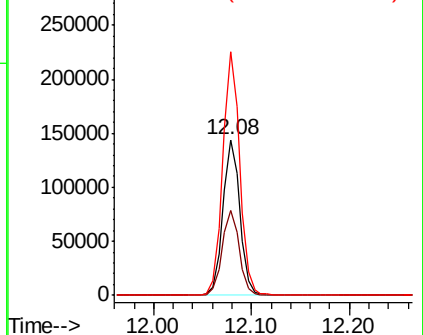
150 156.6 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene

Concen: 0.461 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

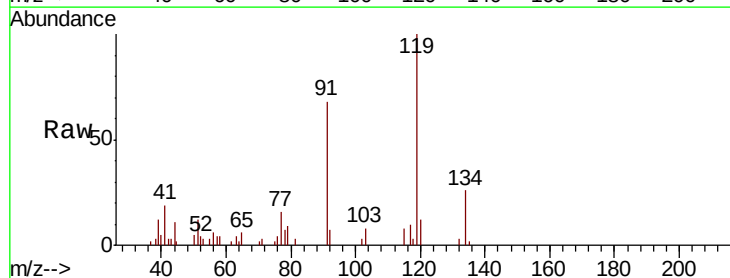
Tgt Ion:119 Resp: 4129

Ion Ratio Lower Upper

119 100

91 71.3 27.5 82.5

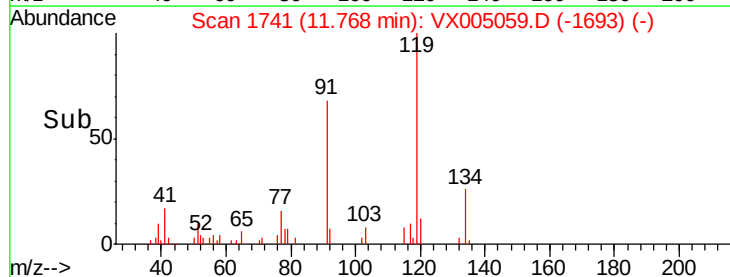
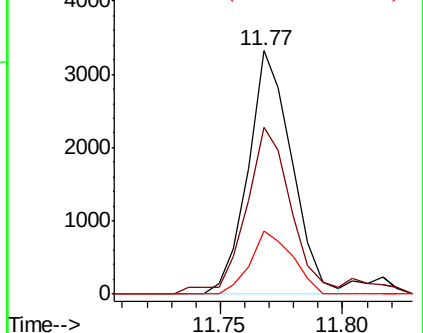
134 24.9 11.5 34.4

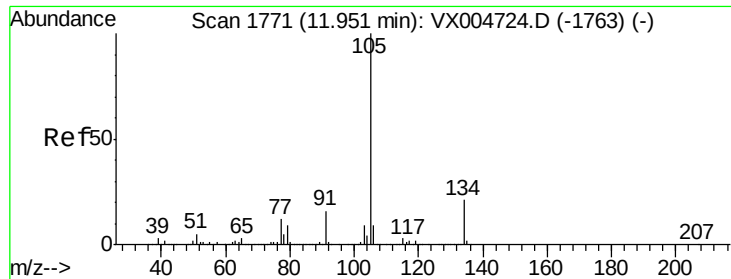


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 1.594 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

Instrument :

MSVOA_X

ClientSampleId :

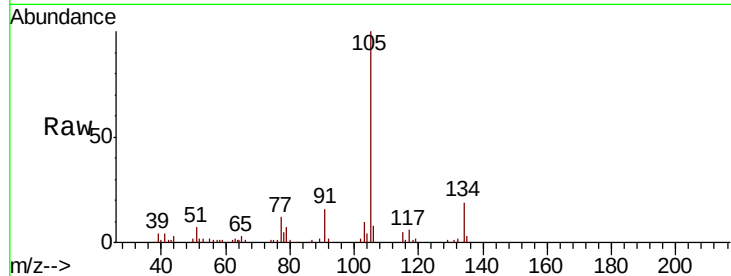
SA-TW512-3135

Tot Ion:105 Resp: 17386

Ion Ratio Lower Upper

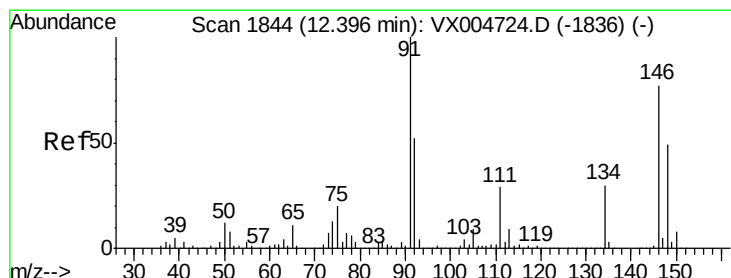
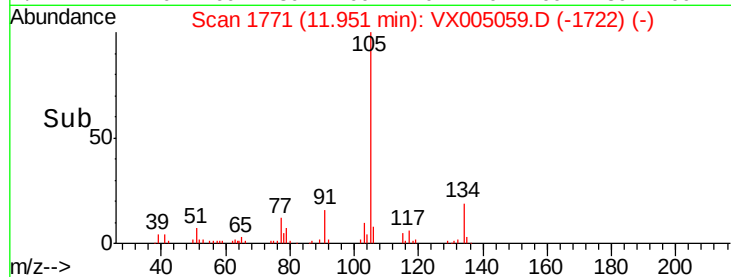
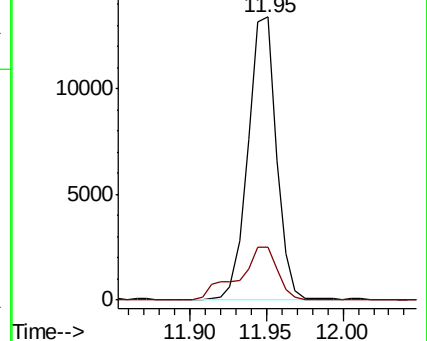
105 100

134 25.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.521 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005059.D

Acq: 05 Oct 2018 10:18

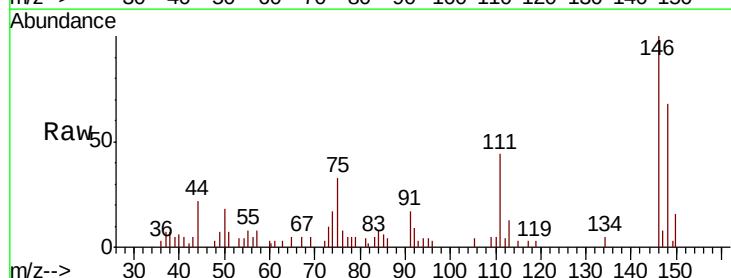
Tgt Ion:146 Resp: 3212

Ion Ratio Lower Upper

146 100

111 41.1 19.6 58.7

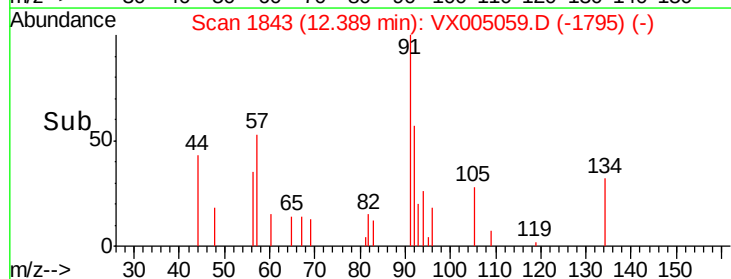
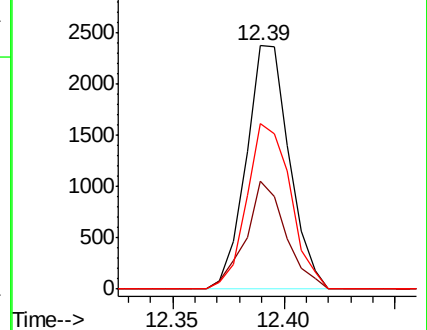
148 69.1 31.8 95.4

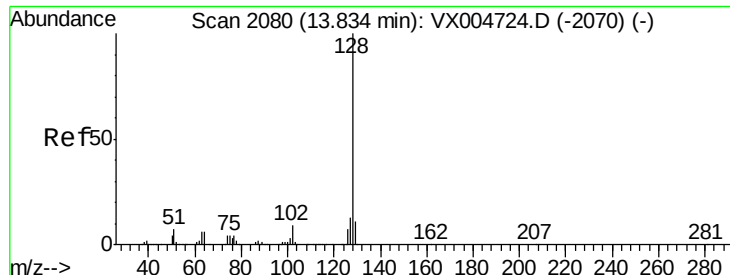


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#95
Naphthalene
Concen: 0.839 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005059.D
Acq: 05 Oct 2018 10:18

Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-3135

Tot Ion	Ratio	Lower	Upper
128	100		
127	20.1	10.4	15.6#
129	23.6	8.7	13.1#

