

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX009001.D
 Acq On : 16 Apr 2019 20:30
 Operator : JC/SP
 Sample : K2411-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16-S

Quant Time: Apr 17 04:20:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	170198	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	5.50	113	125313	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	527691	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	180654	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

					Qvalue
5) Bromomethane	1.65	94	688	4.126	ug/l 89
10) Methyl Iodide	2.51	142	847	4.674	ug/l 91
11) Tert butyl alcohol	3.04	59	3758	4.531	ug/l # 87
13) Acrolein	2.30	56	316	0.441	ug/l # 14
15) Acrylonitrile	3.15	53	1210	0.575	ug/l 91
16) Acetone	2.44	43	11622	5.998	ug/l 97
17) Carbon Disulfide	2.57	76	3358	1.644	ug/l 95
18) Methyl Acetate	2.78	43	1960	0.405	ug/l 96
20) Methylene Chloride	2.85	84	17512	5.285	ug/l 91
25) 2-Butanone	4.68	43	11235	3.627	ug/l 91
27) cis-1,2-Dichloroethene	4.60	96	1161	0.337	ug/l 85
28) Bromochloromethane	5.00	49	204	Below Cal	# 21
29) Tetrahydrofuran	5.14	42	844	0.407	ug/l # 53
30) Chloroform	5.22	83	2977	0.550	ug/l 93
37) Ethyl Acetate	4.68	43	11235	2.032	ug/l # 72
38) Carbon Tetrachloride	5.67	117	25234	6.928	ug/l # 17
43) Isopropyl Acetate	6.45	43	16238	1.823	ug/l 100
44) Trichloroethene	7.21	130	730	0.235	ug/l 98
47) Bromodichloromethane	7.90	83	1024	0.255	ug/l # 72
48) Methyl methacrylate	7.68	41	9720	2.208	ug/l # 19
49) 1,4-Dioxane	7.75	88	42	0.510	ug/l # 1
51) 4-Methyl-2-Pentanone	8.61	43	111379	19.623	ug/l # 50
52) Toluene	8.79	92	1564	0.206	ug/l 96
54) cis-1,3-Dichloropropene	8.61	75	48361	9.350	ug/l # 58
57) 1,3-Dichloropropane	9.54	76	11331	2.114	ug/l # 43
59) 2-Hexanone	9.44	43	15489	3.539	ug/l # 26
64) Tetrachloroethene	9.34	164	1651	0.585	ug/l 93
68) m/p-Xylenes	10.36	106	1600	0.307	ug/l 98
76) 1,2,3-Trichloropropane	11.13	75	90701	22.946	ug/l # 33
80) 1,3,5-Trimethylbenzene	11.51	105	3546	0.344	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.13	75	90701	58.908	ug/l # 11
84) 1,2,4-Trimethylbenzene	11.80	105	5586	0.533	ug/l 95
93) 1,2,4-Trichlorobenzene	13.65	180	932	0.241	ug/l # 67
95) Naphthalene	13.83	128	54334	4.391	ug/l 99

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration

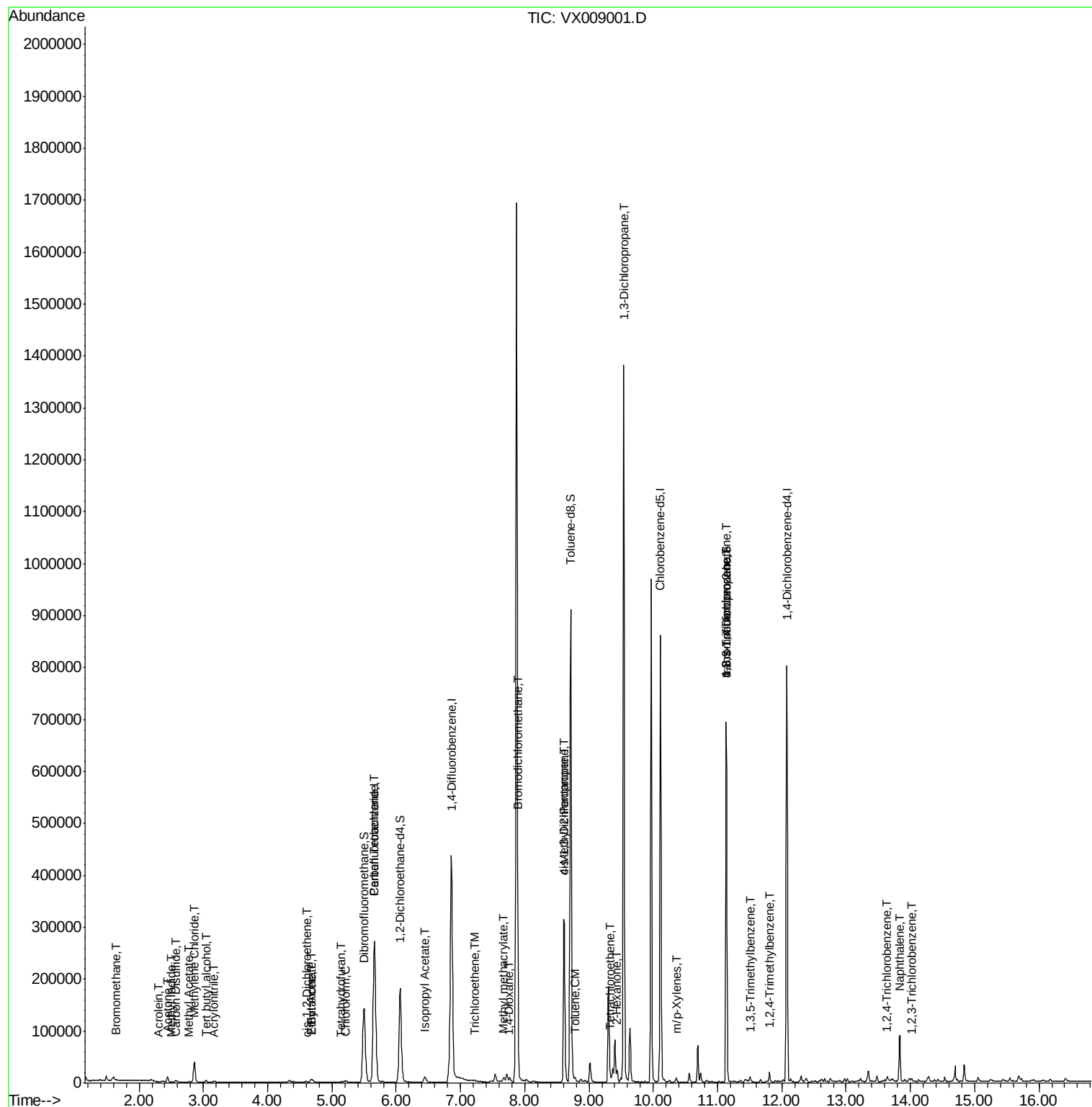
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	1006	0.264	ug/l	96

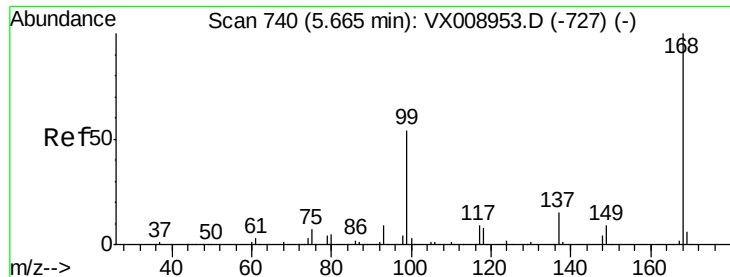
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

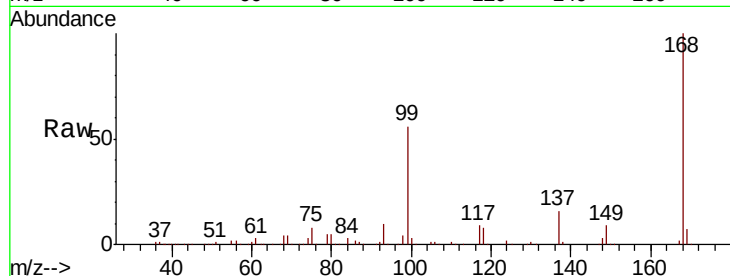
TP-16-S

Tot Ion:168 Resp: 265139

Ion Ratio Lower Upper

168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

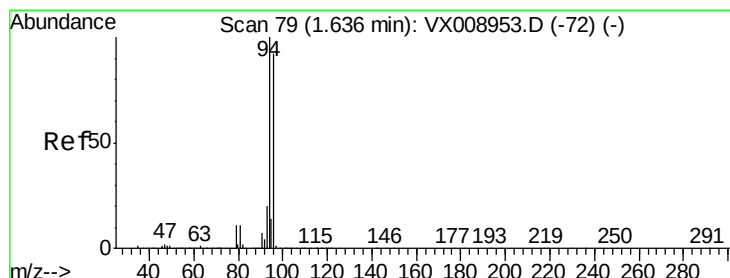
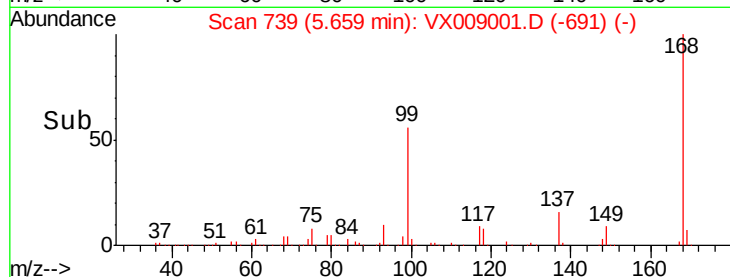
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 4.126 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009001.D

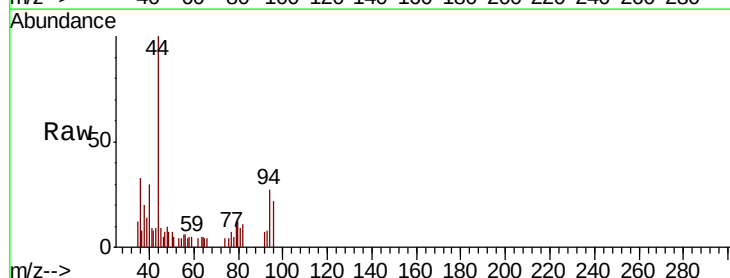
Acq: 16 Apr 2019 20:30

Tgt Ion: 94 Resp: 688

Ion Ratio Lower Upper

94 100

96 81.8 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

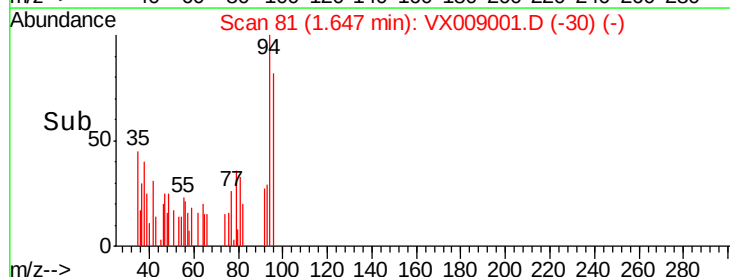
200

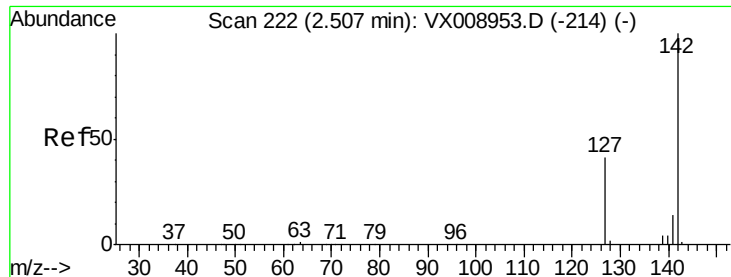
100

0

Time-->

1.60 1.65 1.70

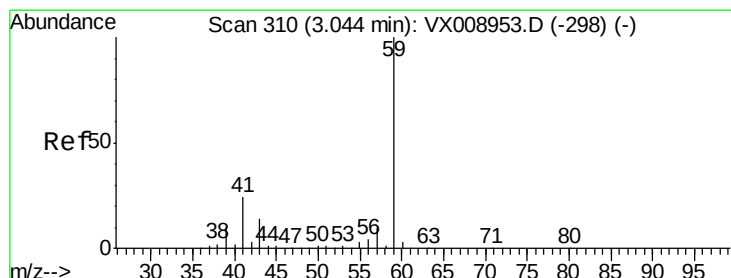
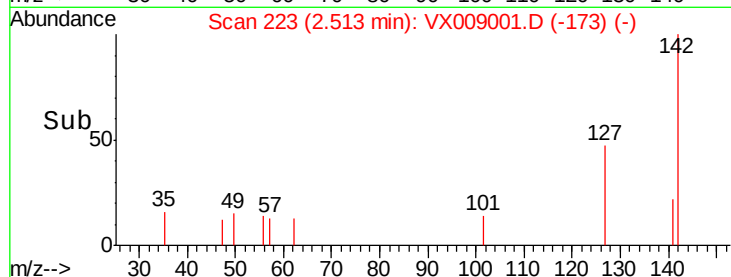
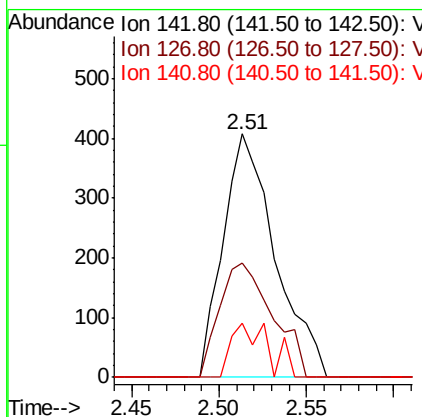
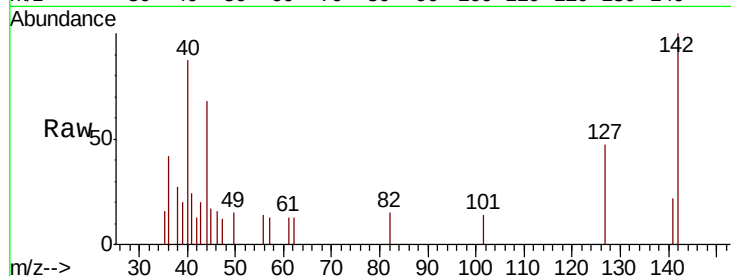




#10
Methvl Iodide
Concen: 4.674 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

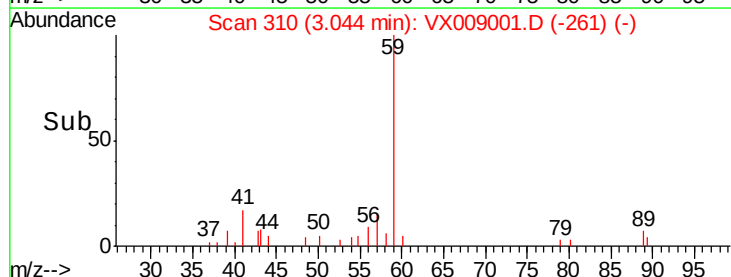
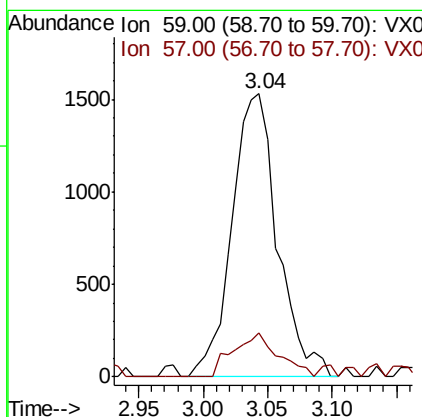
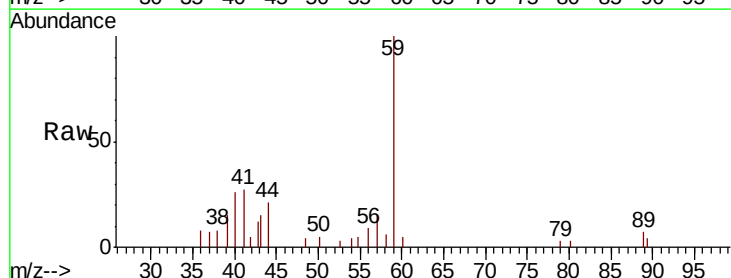
Instrument :
MSVOA_X
ClientSampleId :
TP-16-S

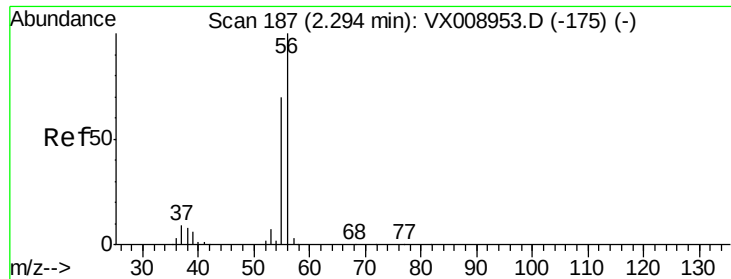
Tot Ion:142 Resp: 847
Ion Ratio Lower Upper
142 100
127 47.8 32.8 49.2
141 16.2 11.4 17.2



#11
Tert butyl alcohol
Concen: 4.531 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion: 59 Resp: 3758
Ion Ratio Lower Upper
59 100
57 15.5 8.4 12.6#





#13

Acrolein

Concen: 0.441 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

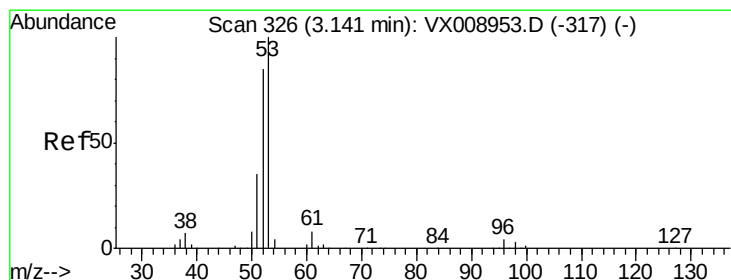
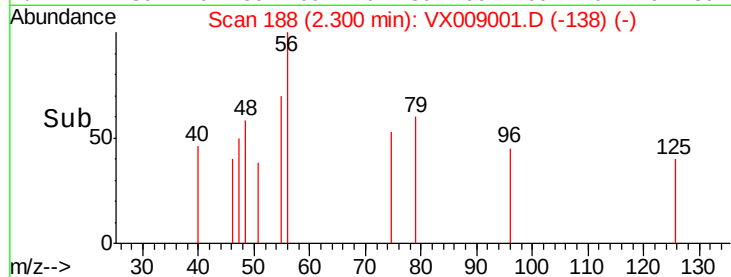
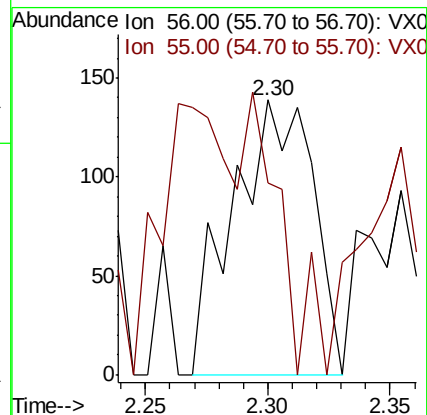
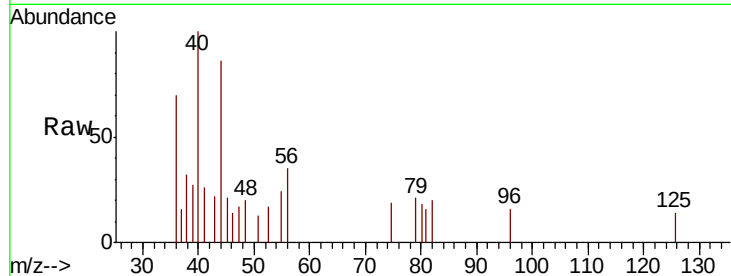
TP-16-S

Tot Ion: 56 Resp: 316

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#15

Acrylonitrile

Concen: 0.575 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

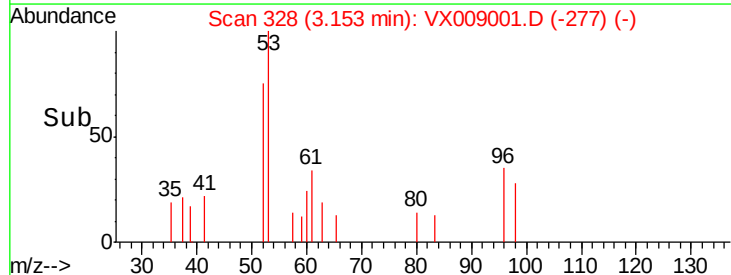
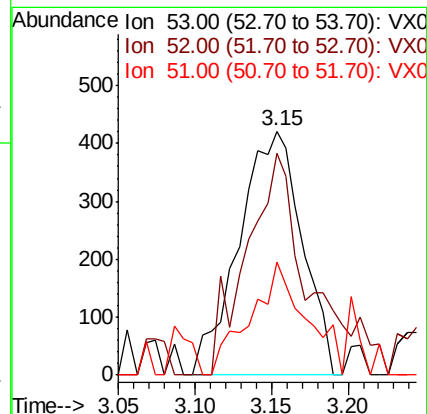
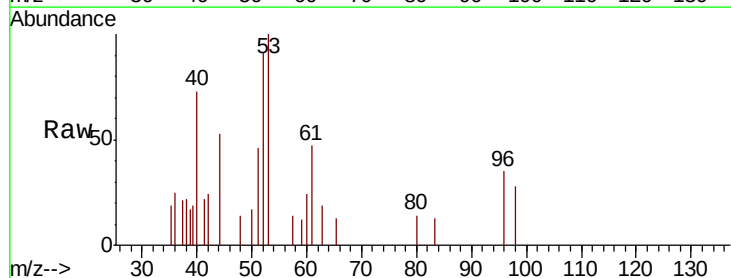
Tgt Ion: 53 Resp: 1210

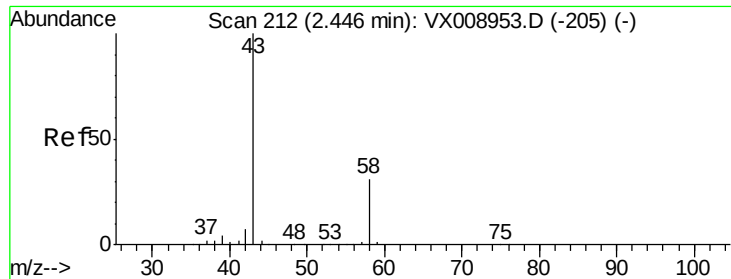
Ion Ratio Lower Upper

53 100

52 91.9 66.6 100.0

51 40.5 28.3 42.5





#16

Acetone

Concen: 5.998 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

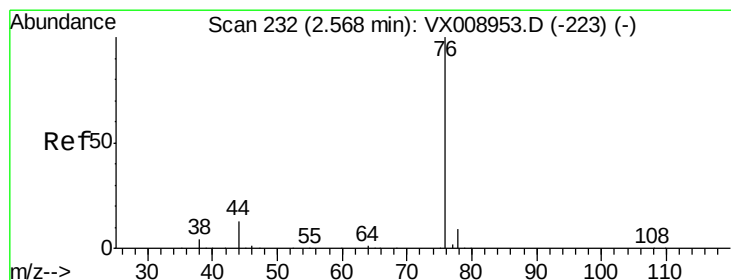
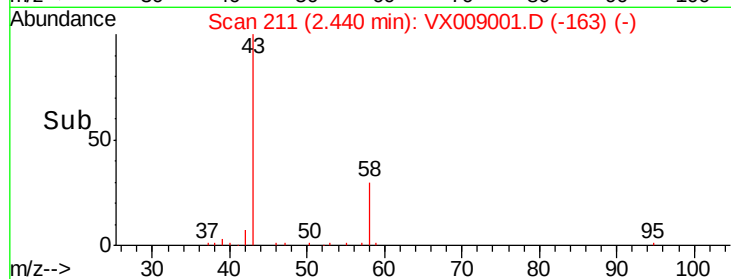
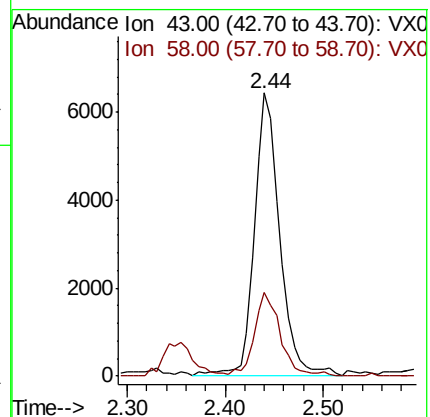
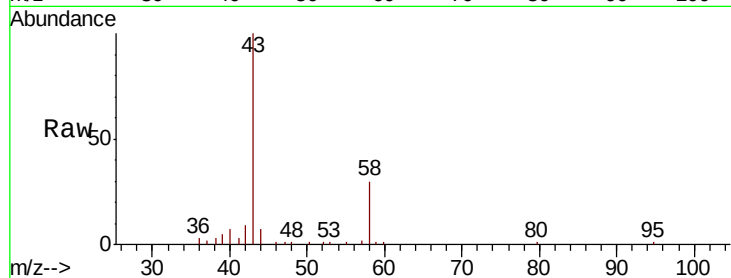
TP-16-S

Tot Ion: 43 Resp: 11622

Ion Ratio Lower Upper

43 100

58 29.5 24.8 37.2



#17

Carbon Disulfide

Concen: 1.644 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009001.D

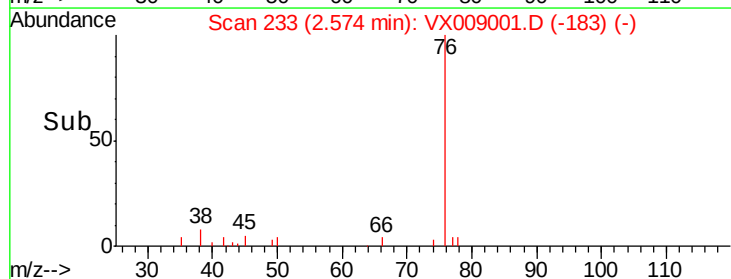
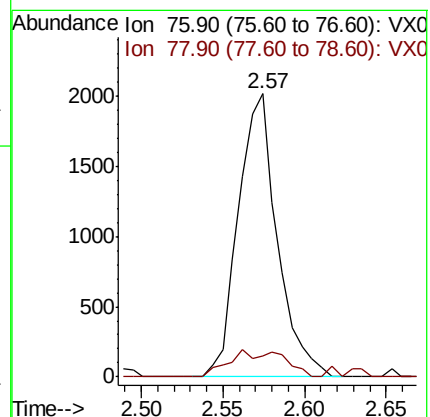
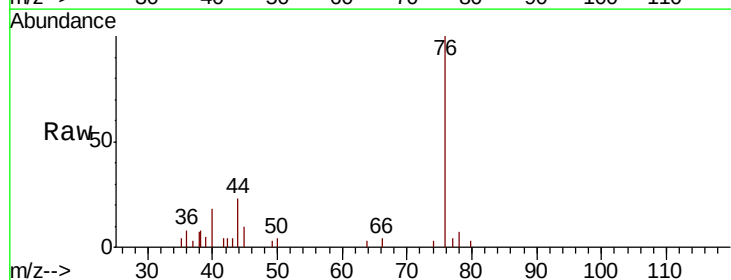
Acq: 16 Apr 2019 20:30

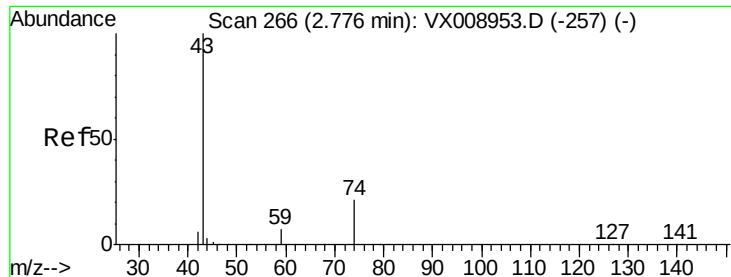
Tgt Ion: 76 Resp: 3358

Ion Ratio Lower Upper

76 100

78 7.3 7.2 10.8

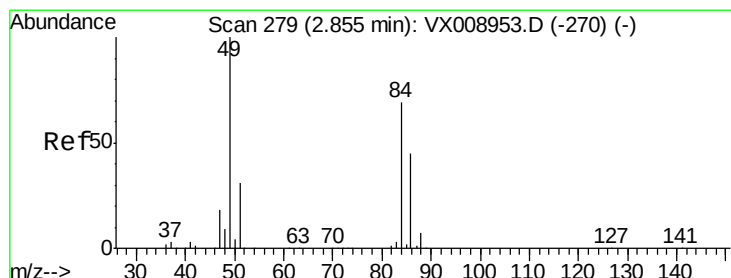
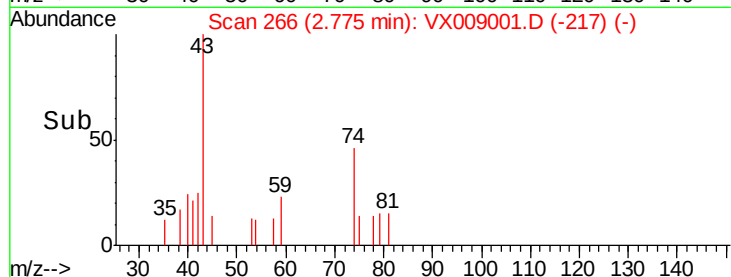
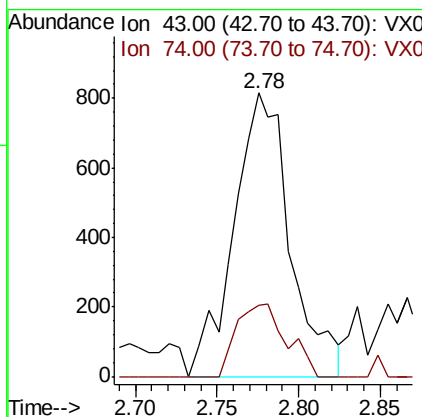
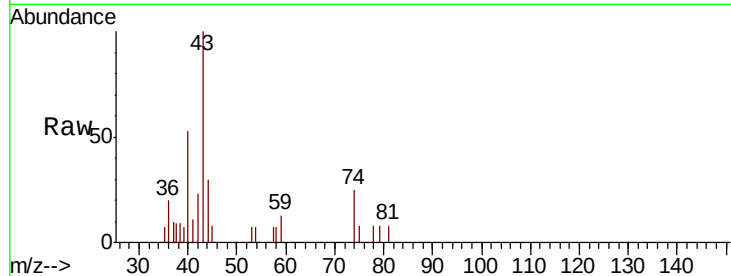




#18
Methvl Acetate
Concen: 0.405 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

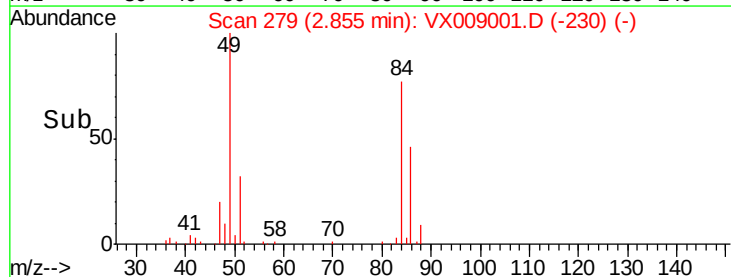
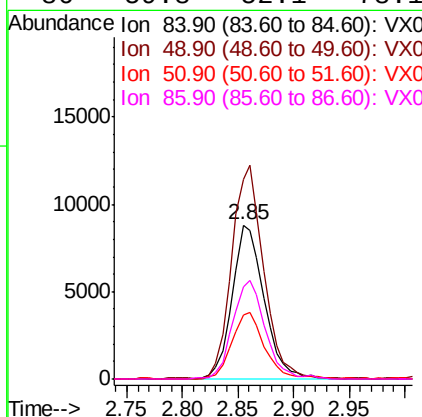
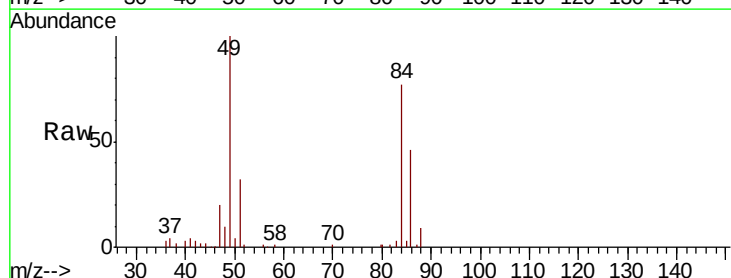
Instrument :
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TP-16-S

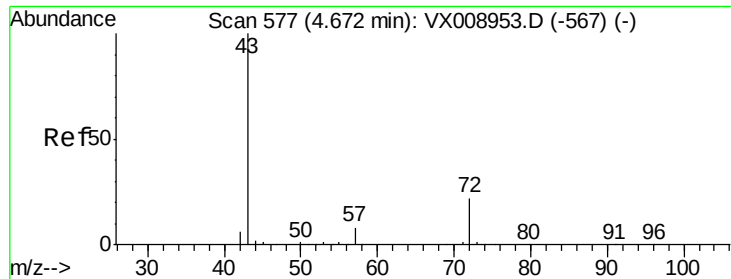
Tot Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
74 22.7 16.6 25.0



#20
Methylene Chloride
Concen: 5.285 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion: 84 Resp: 17512
Ion Ratio Lower Upper
84 100
49 129.5 115.4 173.0
51 41.5 35.8 53.6
86 59.8 52.1 78.1





#25

2-Butanone

Concen: 3.627 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

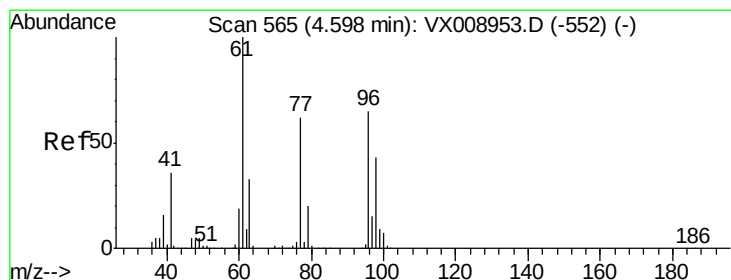
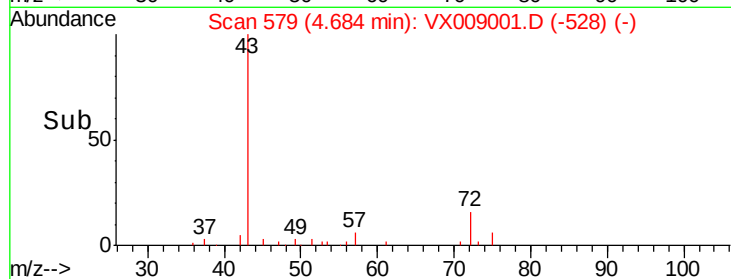
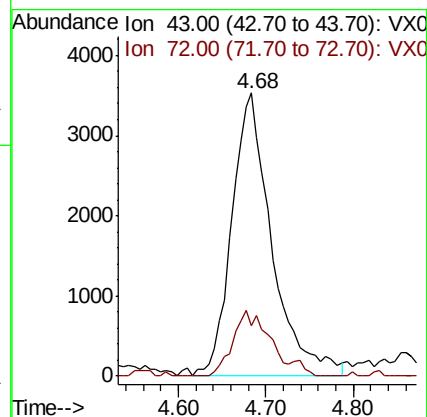
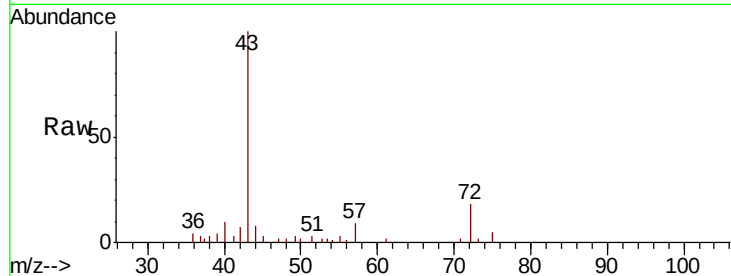
TP-16-S

Tot Ion: 43 Resp: 11235

Ion Ratio Lower Upper

43 100

72 17.8 17.5 26.3



#27

cis-1,2-Dichloroethene

Concen: 0.337 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

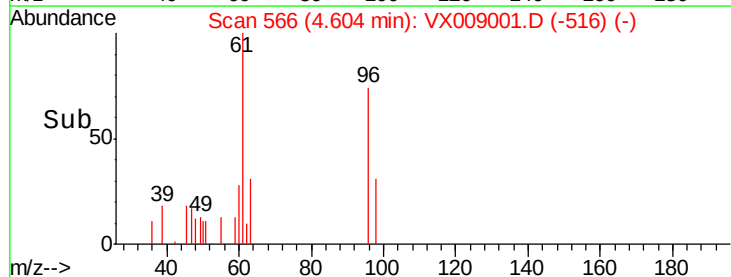
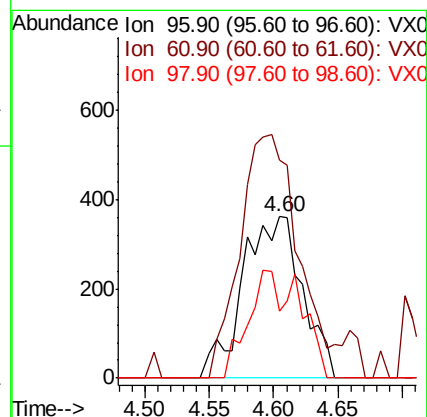
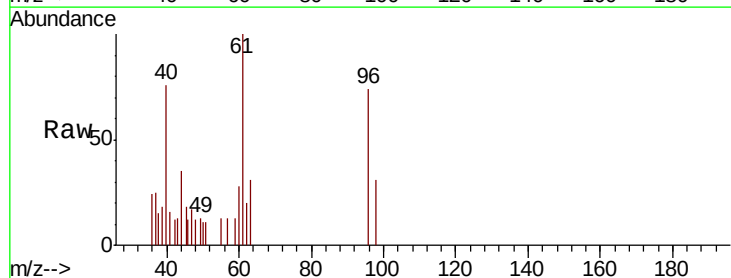
Tgt Ion: 96 Resp: 1161

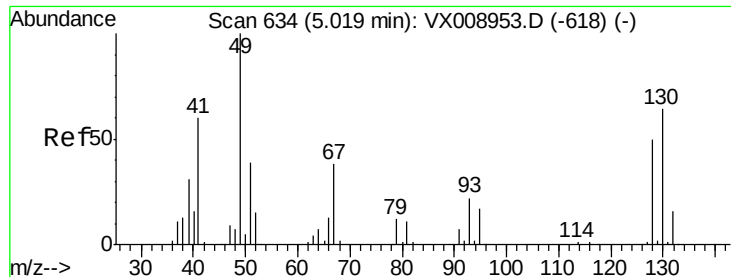
Ion Ratio Lower Upper

96 100

61 150.5 0.0 322.0

98 39.4 0.0 128.4





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

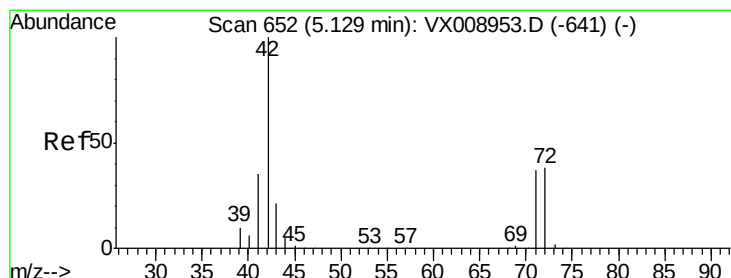
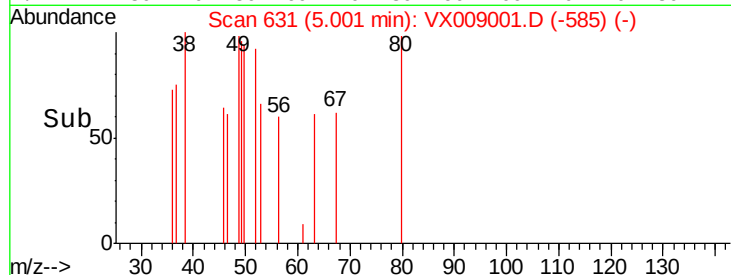
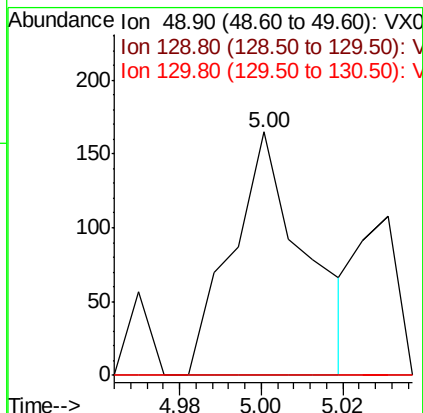
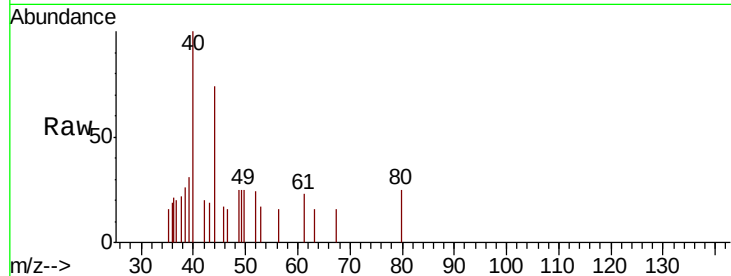
Delta R.T. -0.02 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :
MSVOA_X
ClientSampled :
TP-16-S

Tot Ion: 49 Resp: 204
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 50.4 75.6#



#29

Tetrahydrofuran

Concen: 0.407 ug/l

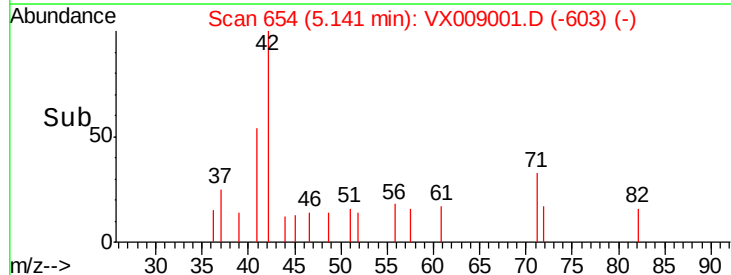
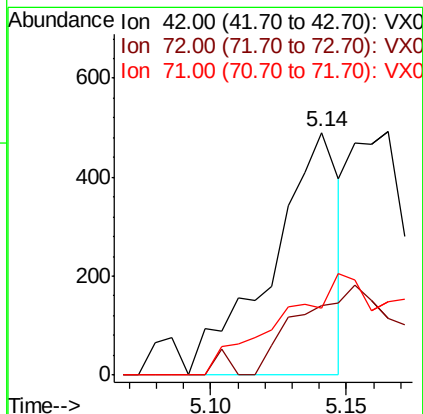
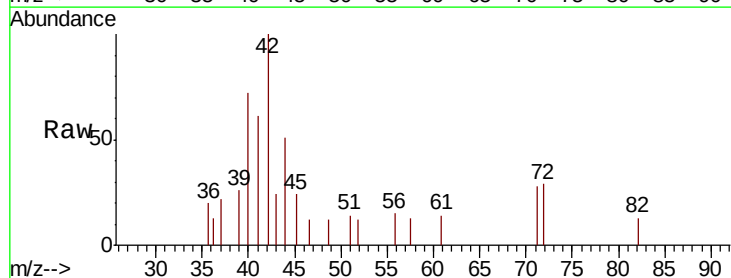
RT: 5.14 min Scan# 654

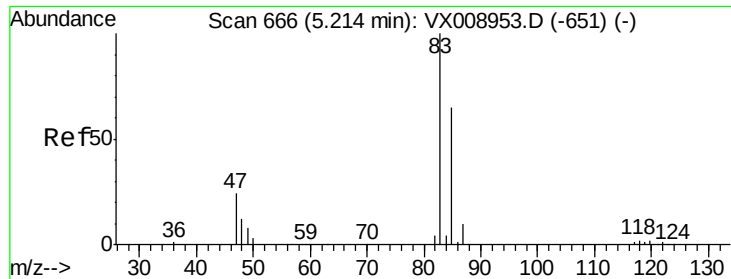
Delta R.T. 0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Tgt Ion: 42 Resp: 844
Ion Ratio Lower Upper
42 100
72 49.1 30.6 45.8#
71 81.6 28.8 43.2#

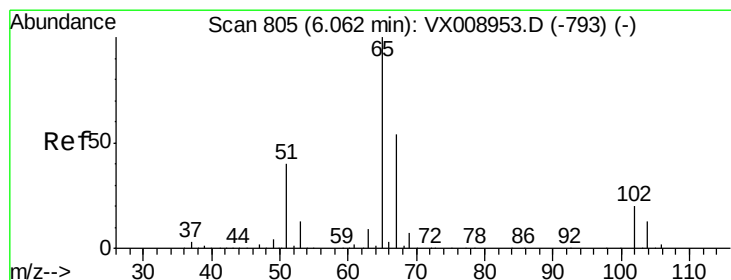
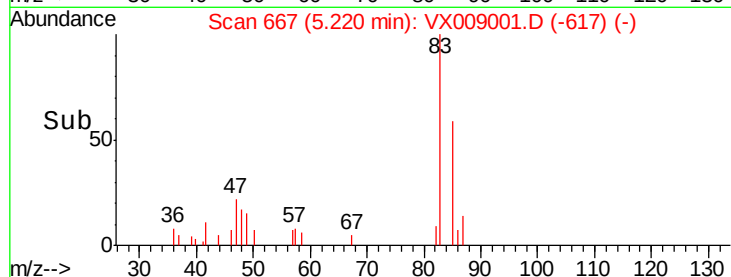
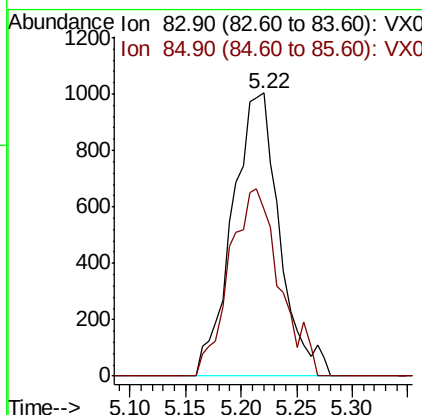
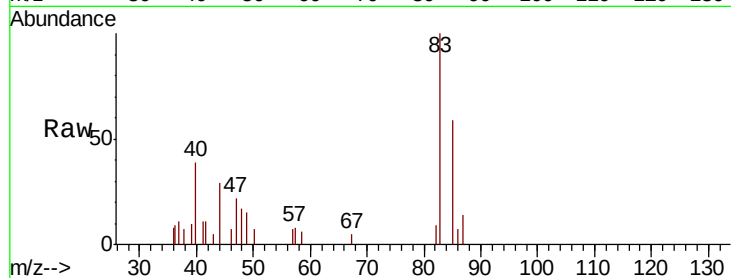




#30
Chloroform
Concen: 0.550 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

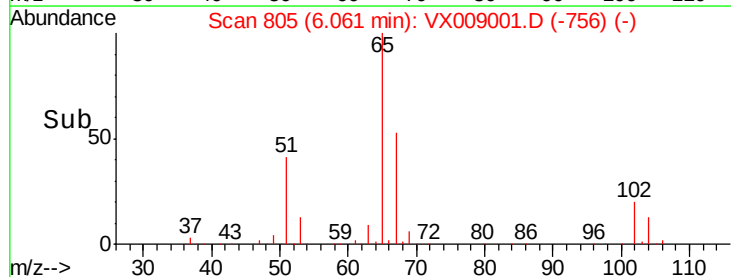
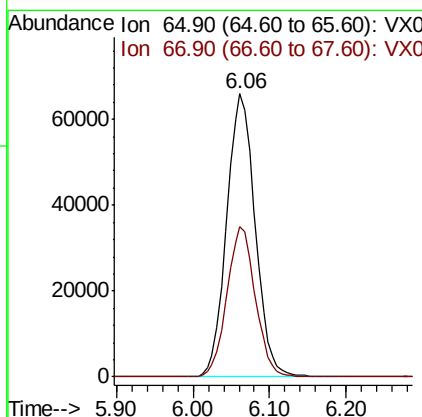
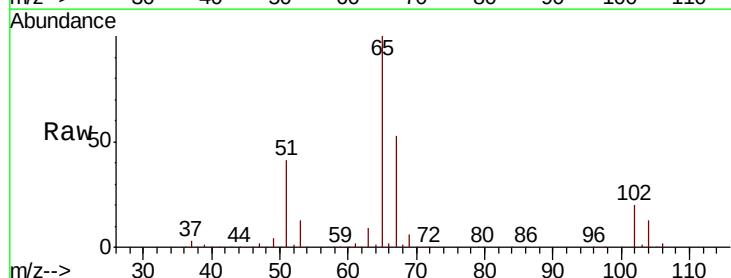
Instrument :
MSVOA_X
ClientSampled :
TP-16-S

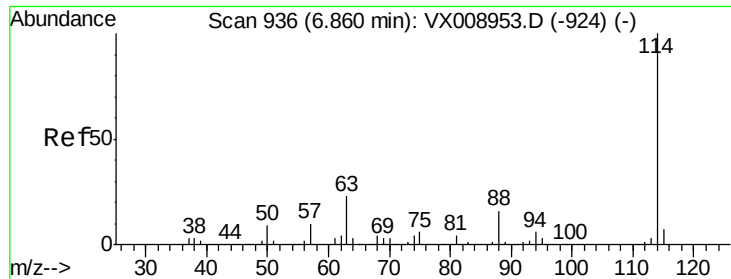
Tot Ion: 83 Resp: 2977
Ion Ratio Lower Upper
83 100
85 59.0 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 45.549 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion: 65 Resp: 170198
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.6

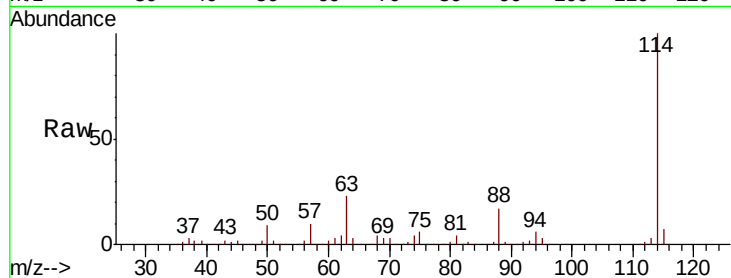




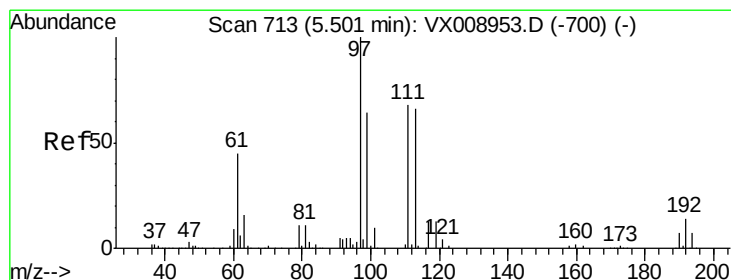
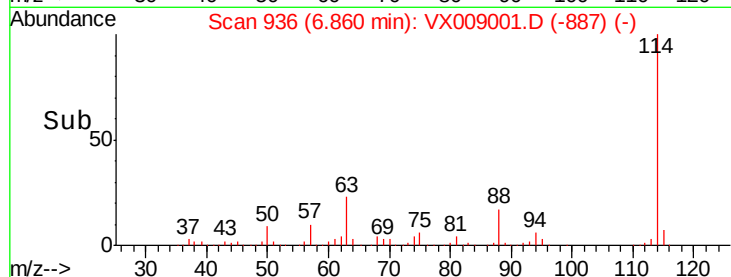
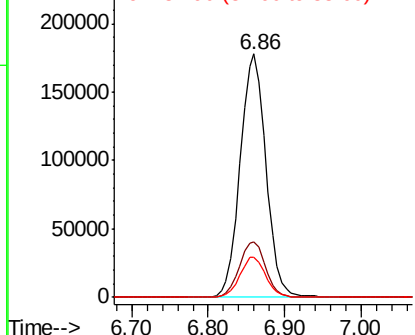
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16-S

Tot Ion:114 Resp: 415442
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.0
 88 16.6 0.0 32.6

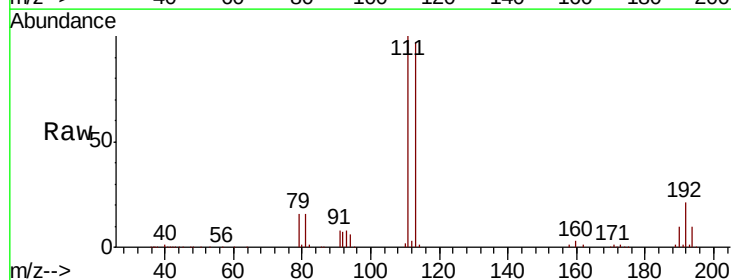


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

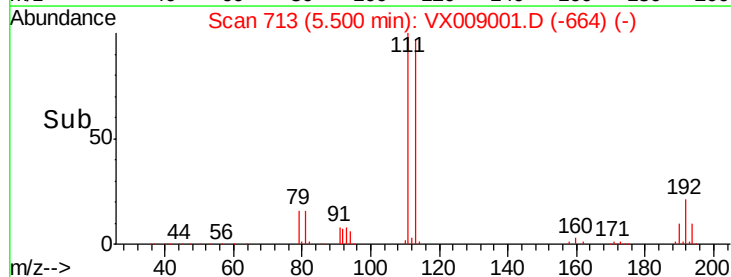
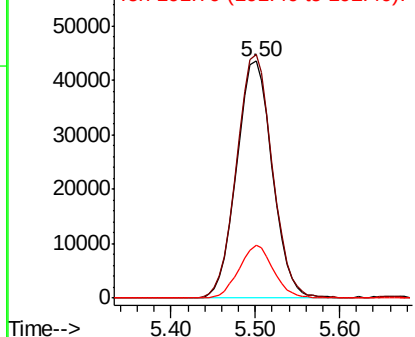


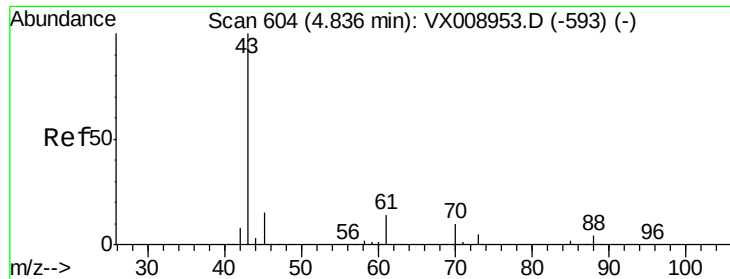
#35
 Dibromofluoromethane
 Concen: 47.000 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Tgt Ion:113 Resp: 125313
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 21.4 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

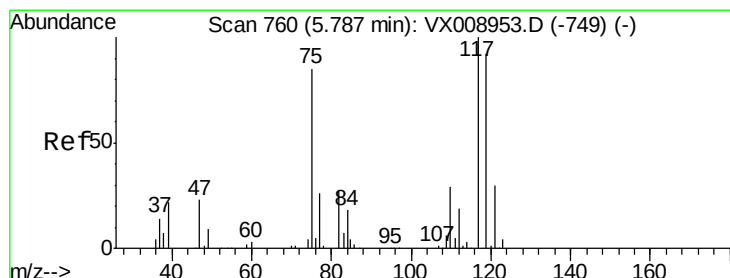
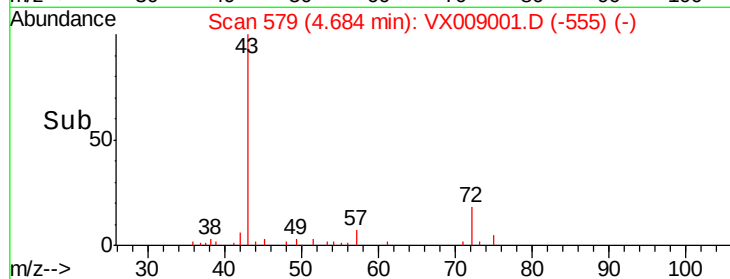
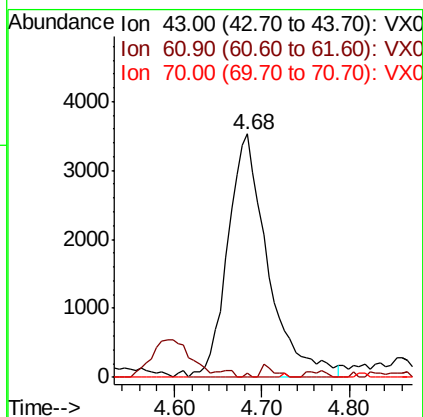
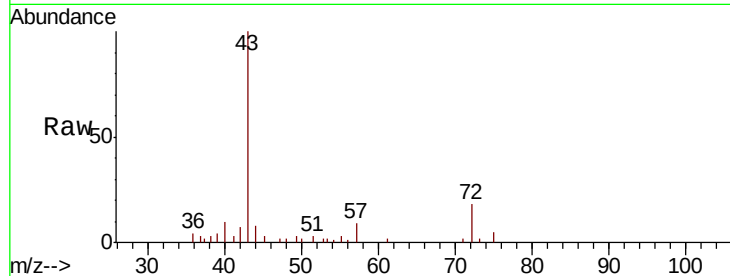




#37
Ethyl Acetate
Concen: 2.032 ug/l
RT: 4.68 min Scan# 579
Delta R.T. -0.15 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

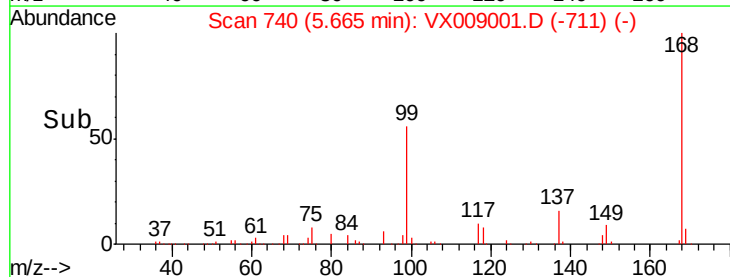
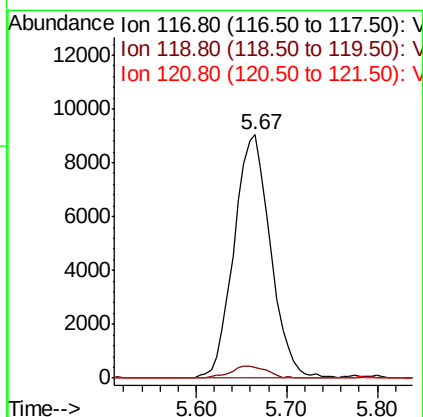
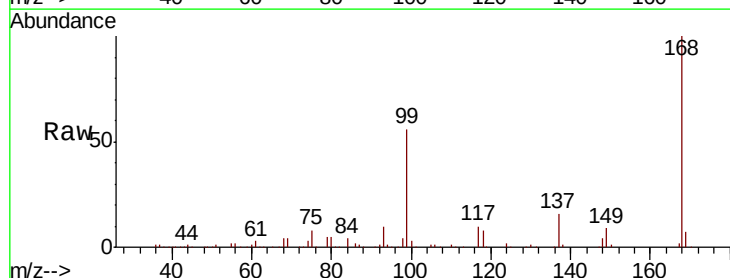
Instrument :
MSVOA_X
ClientSampleId :
TP-16-S

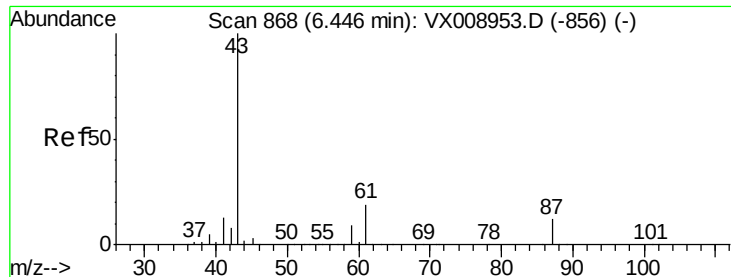
Tot Ion: 43 Resp: 11235
Ion Ratio Lower Upper
43 100
61 1.8 10.6 15.8#
70 0.0 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 6.928 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion: 117 Resp: 25234
Ion Ratio Lower Upper
117 100
119 4.5 73.8 110.8#
121 0.0 23.6 35.4#





#43

Isopropyl Acetate

Concen: 1.823 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

TP-16-S

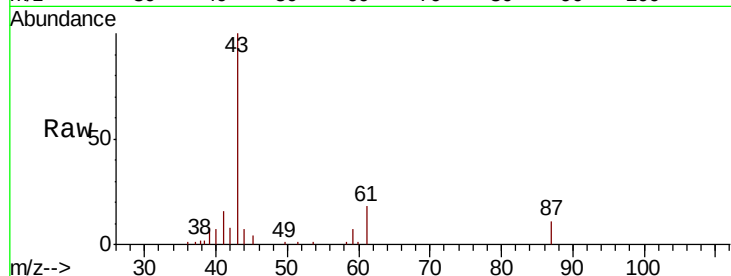
Tot Ion: 43 Resp: 16238

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

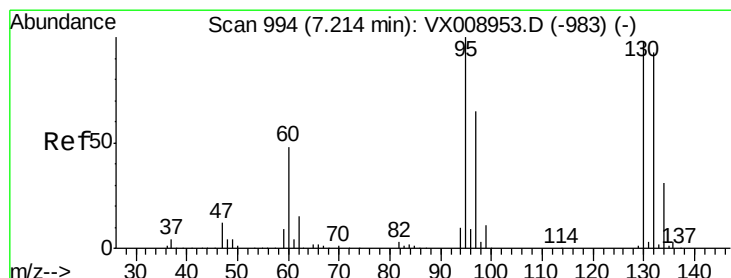
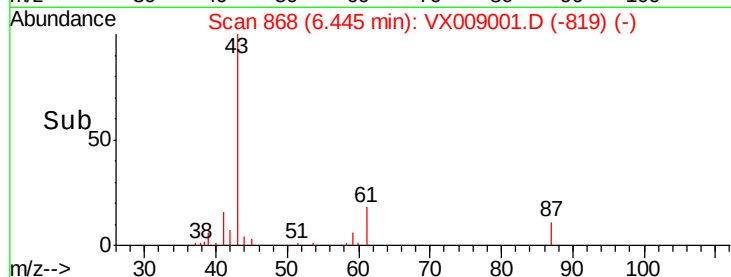
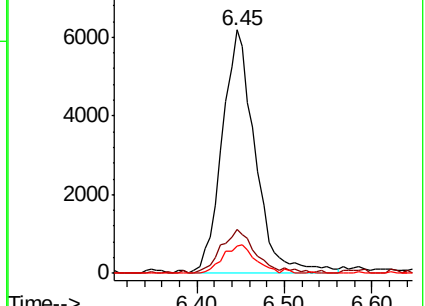
87 11.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.235 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009001.D

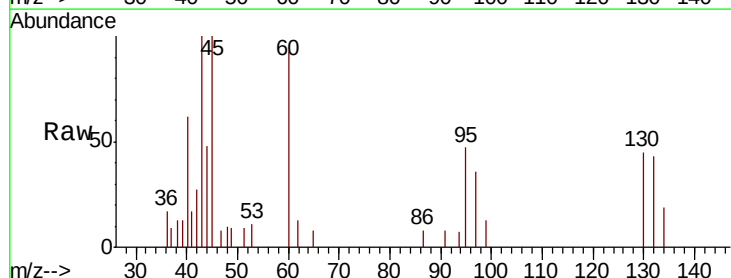
Acq: 16 Apr 2019 20:30

Tgt Ion:130 Resp: 730

Ion Ratio Lower Upper

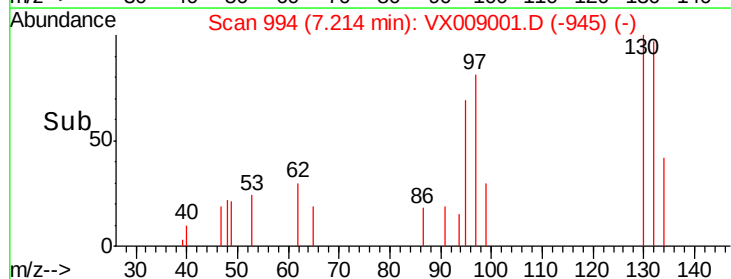
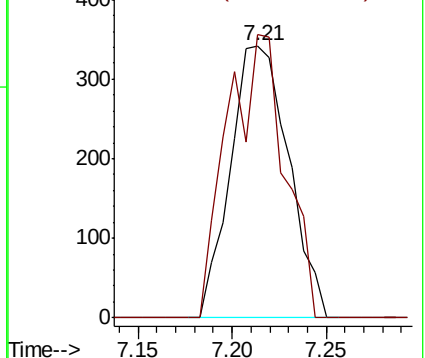
130 100

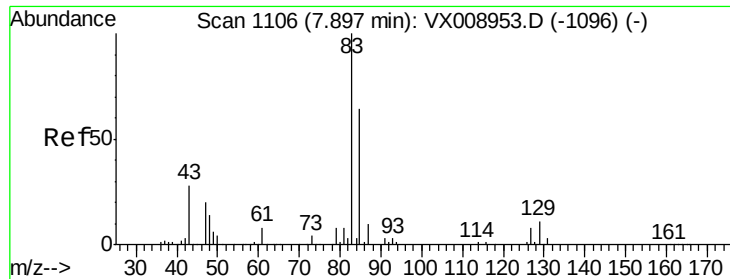
95 104.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.255 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

TP-16-S

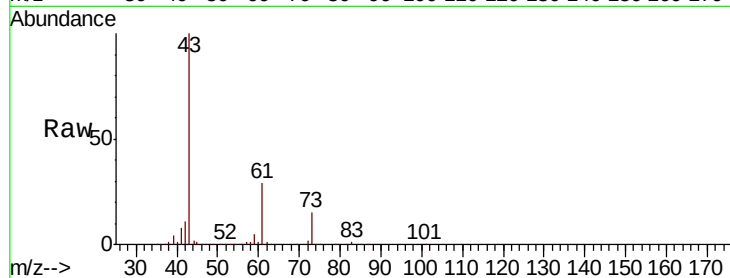
Tot Ion: 83 Resp: 1024

Ion Ratio Lower Upper

83 100

85 41.4 50.8 76.2#

127 0.0 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

600

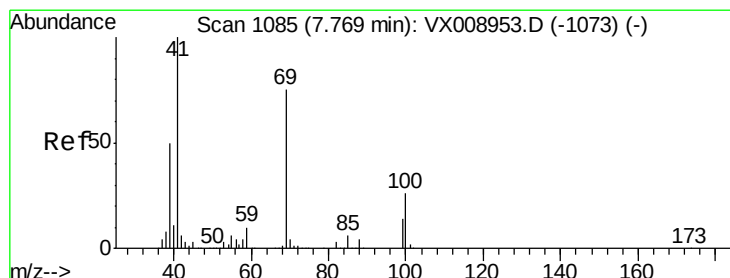
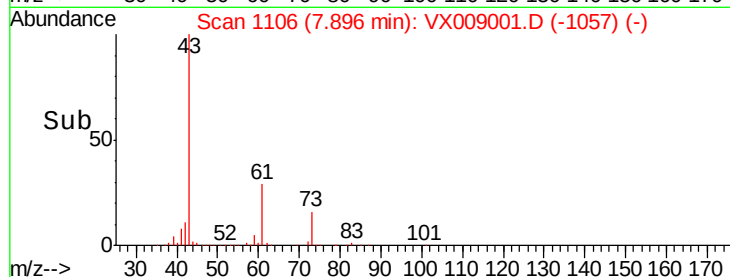
400

200

0

7.85 7.90 7.95

Time-->



#48

Methyl methacrylate

Concen: 2.208 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

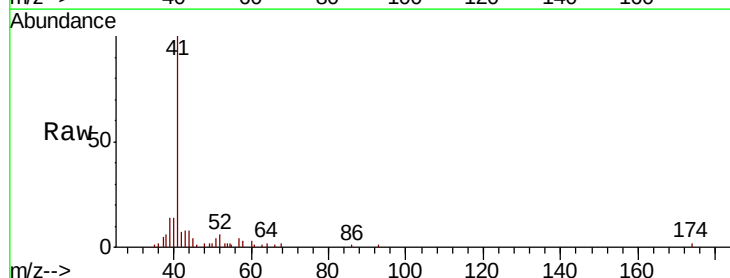
Tgt Ion: 41 Resp: 9720

Ion Ratio Lower Upper

41 100

69 0.2 59.4 89.2#

39 0.0 39.8 59.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

6000

5000

4000

3000

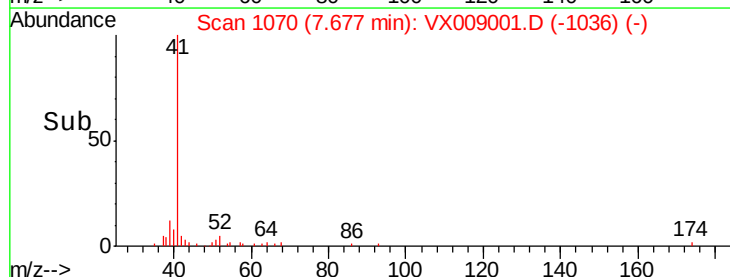
2000

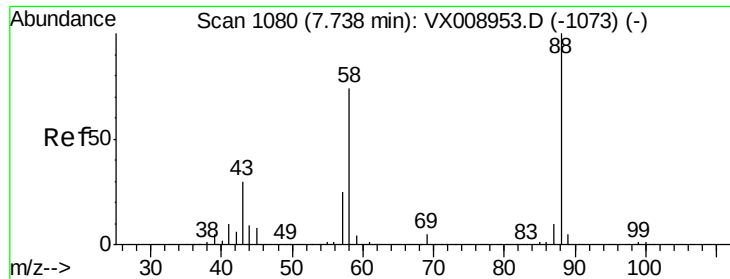
1000

0

7.60 7.65 7.70 7.75

Time-->





#49

1,4-Dioxane

Concen: 0.510 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

TP-16-S

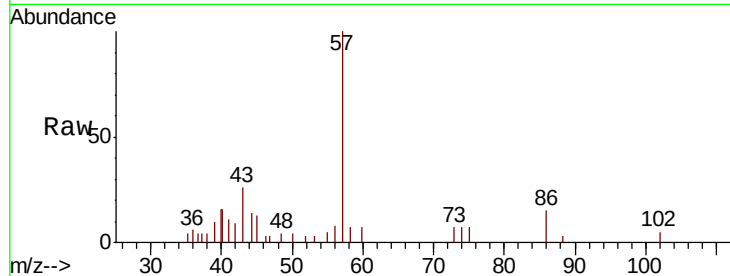
Tot Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 0.0 29.3 43.9#

58 1290.5 62.6 93.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800

600

400

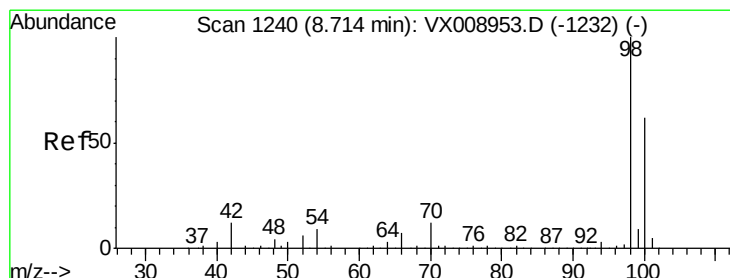
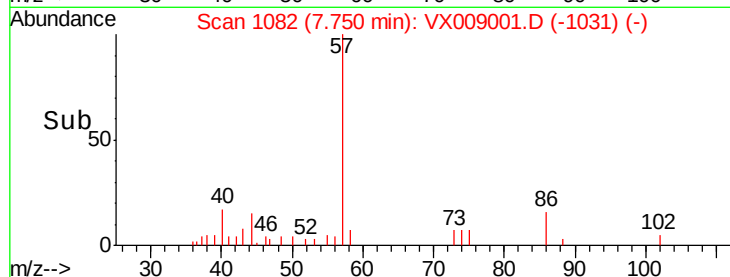
200

0

7.72 7.74 7.76

7.75

Time-->



#50

Toluene-d8

Concen: 49.628 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009001.D

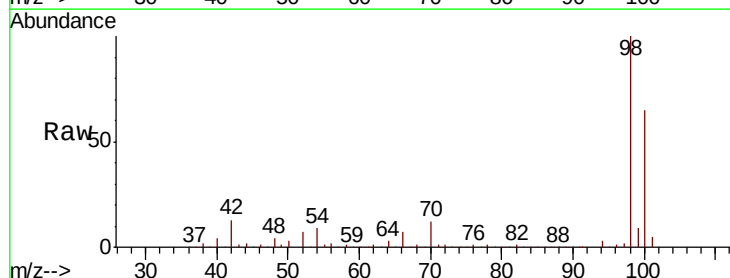
Acq: 16 Apr 2019 20:30

Tgt Ion: 98 Resp: 527691

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

400000

300000

200000

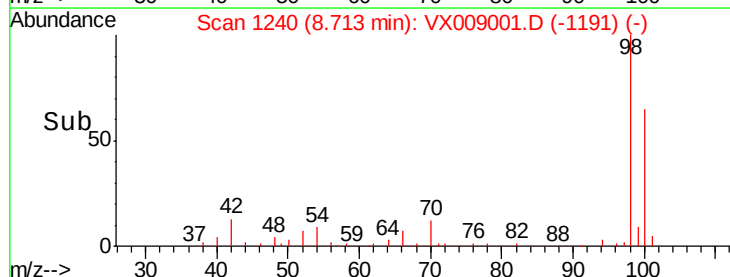
100000

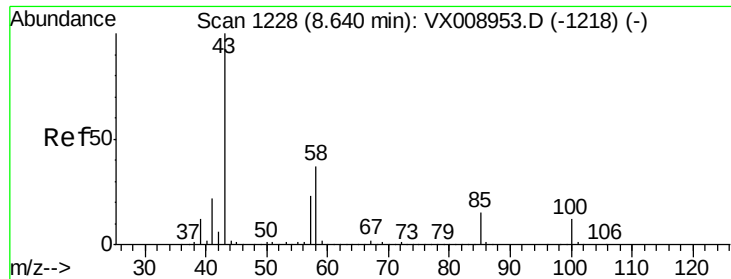
0

8.60 8.70 8.80

8.71

Time-->

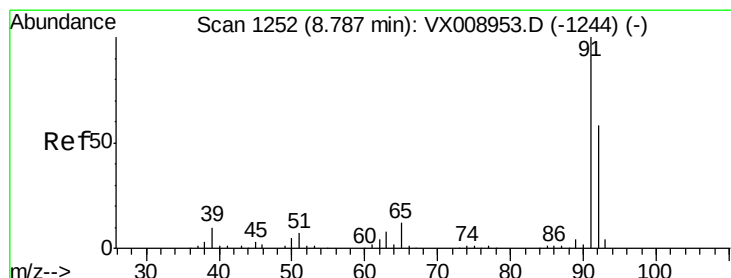
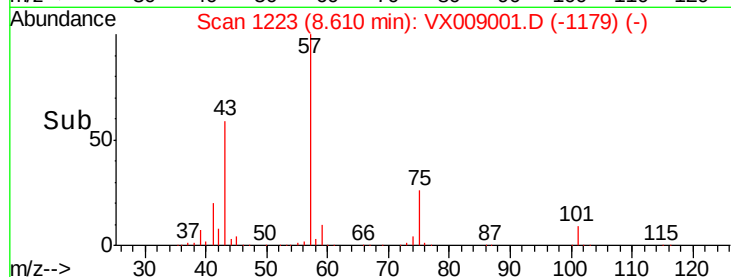
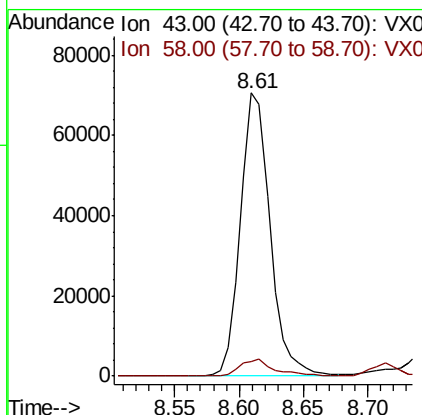
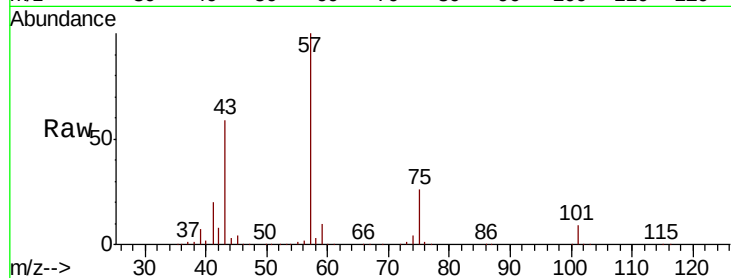




#51
 4-Methyl-2-Pentanone
 Concen: 19.623 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

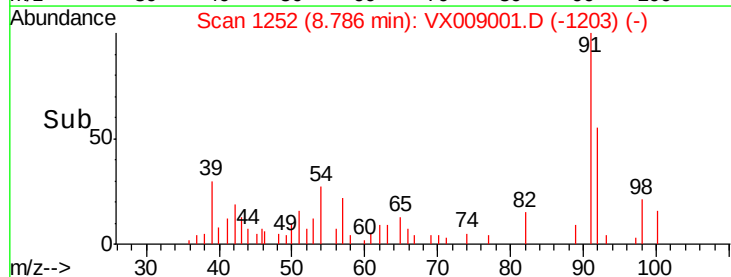
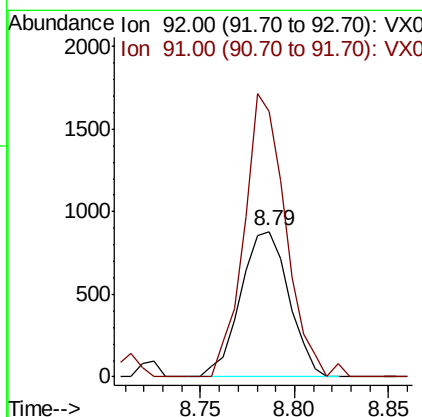
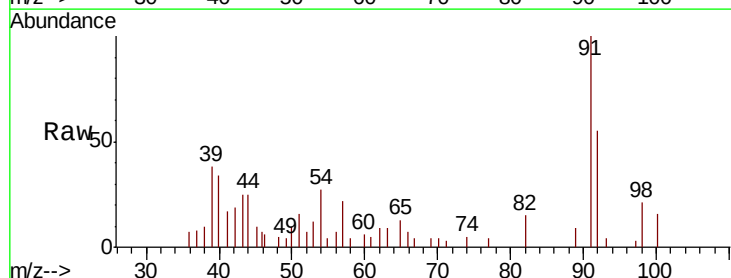
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16-S

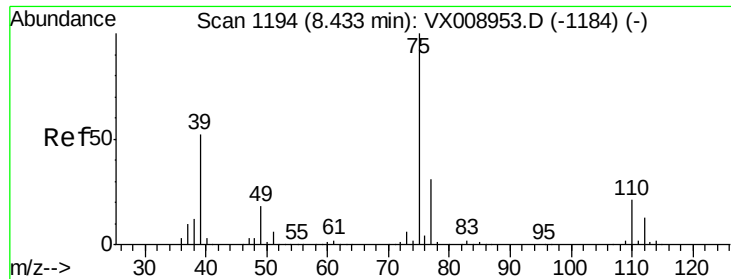
Tot Ion: 43 Resp: 111379
 Ion Ratio Lower Upper
 43 100
 58 7.3 29.8 44.6#



#52
 Toluene
 Concen: 0.206 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Tgt Ion: 92 Resp: 1564
 Ion Ratio Lower Upper
 92 100
 91 168.0 138.5 207.7



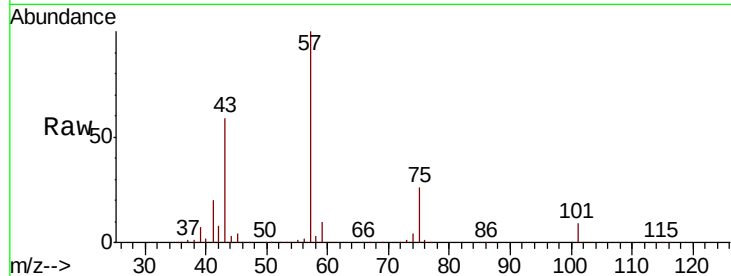


#54

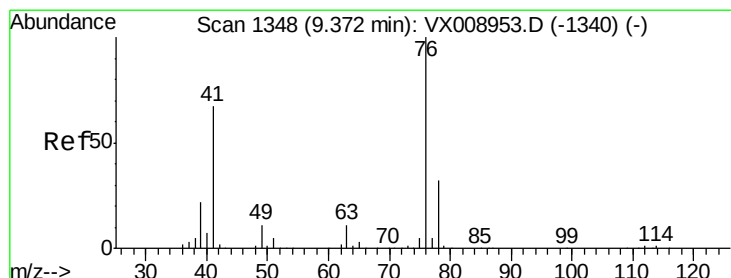
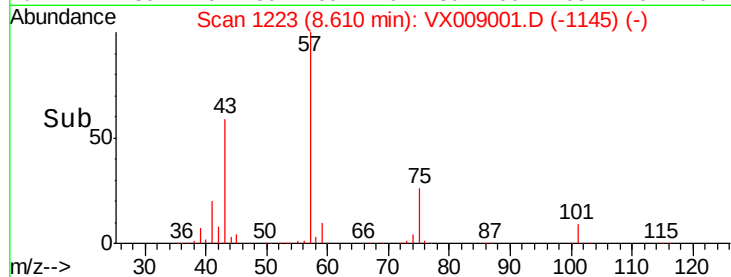
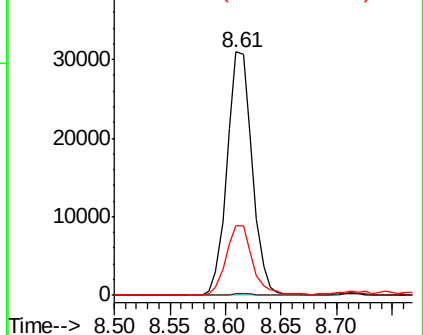
cis-1,3-Dichloropropene
 Concen: 9.350 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Instrument :
 MSVOA_X
 ClientSampled :
 TP-16-S

Tot Ion: 75 Resp: 48361
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.8 37.2#
 39 28.4 41.8 62.6#



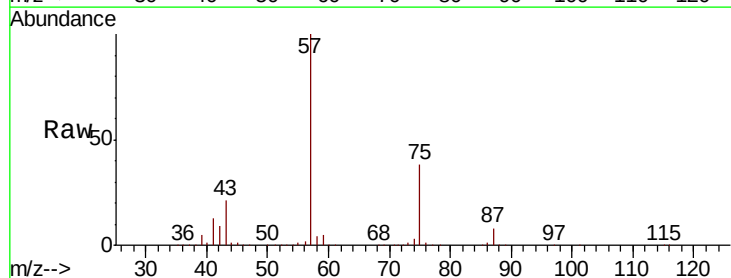
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



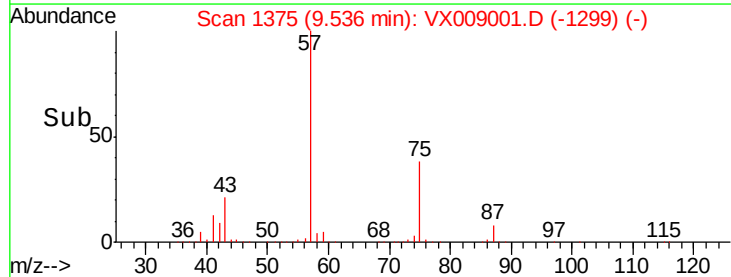
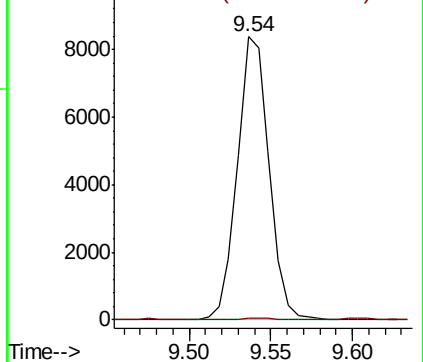
#57

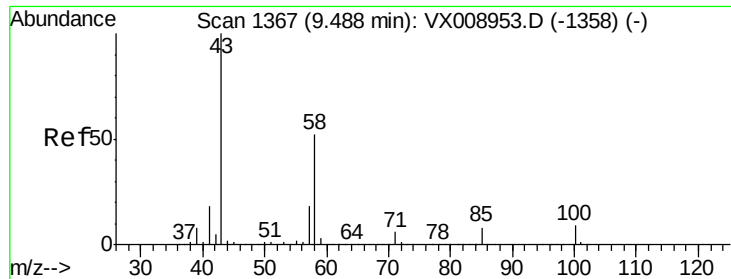
1,3-Dichloropropane
 Concen: 2.114 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.16 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Tgt Ion: 76 Resp: 11331
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

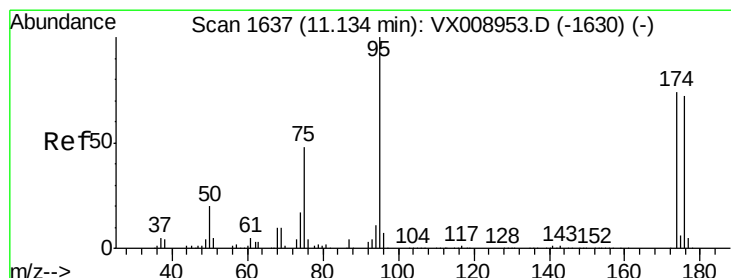
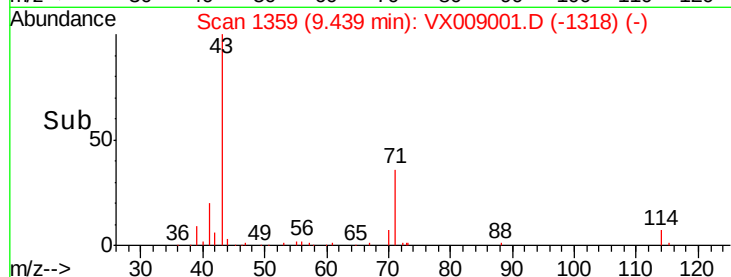
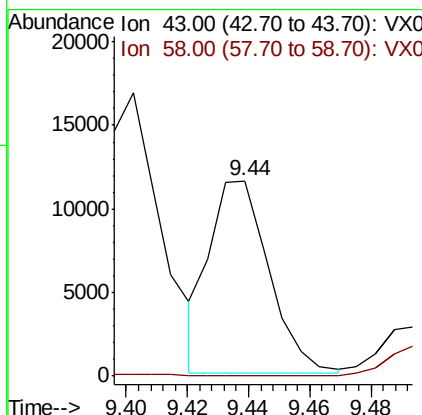
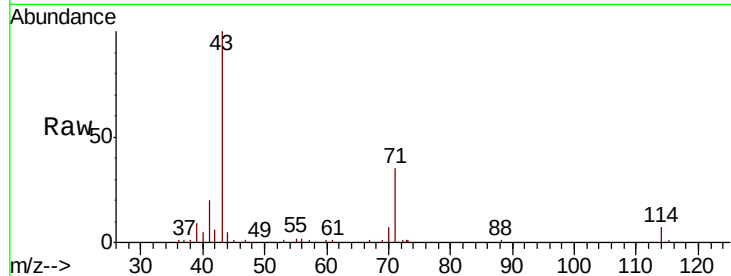




#59
2-Hexanone
Concen: 3.539 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

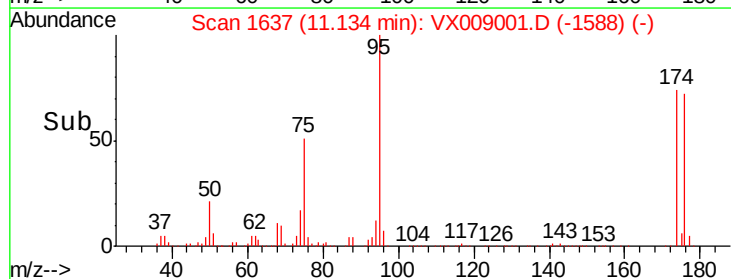
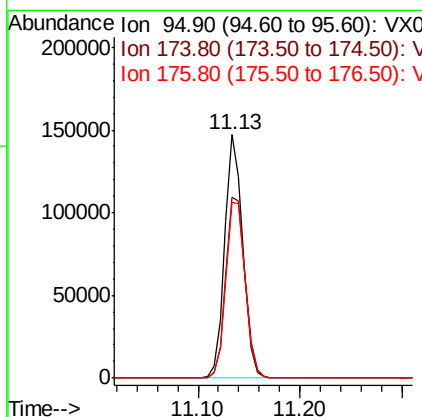
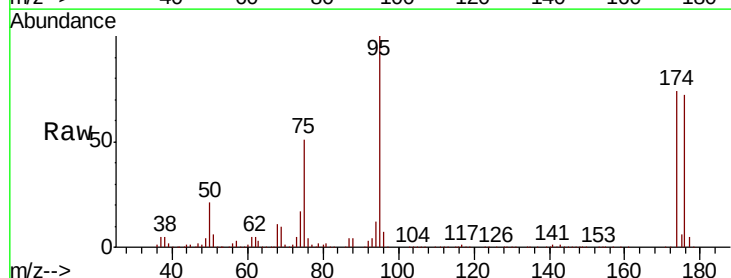
Instrument :
MSVOA_X
ClientSampleId :
TP-16-S

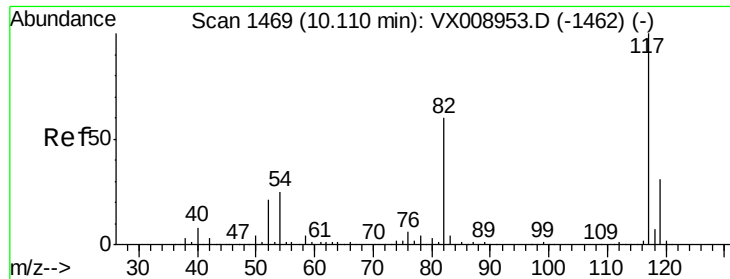
Tot Ion: 43 Resp: 15489
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 48.130 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion: 95 Resp: 180654
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.6
176 76.9 0.0 154.8

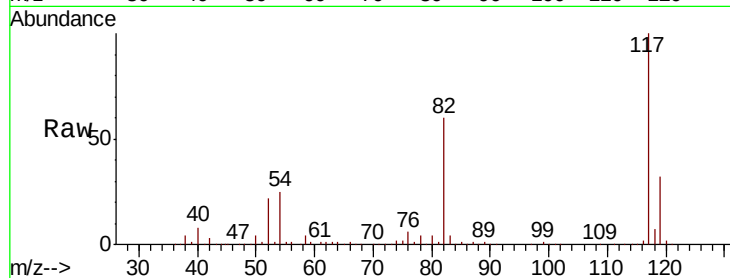




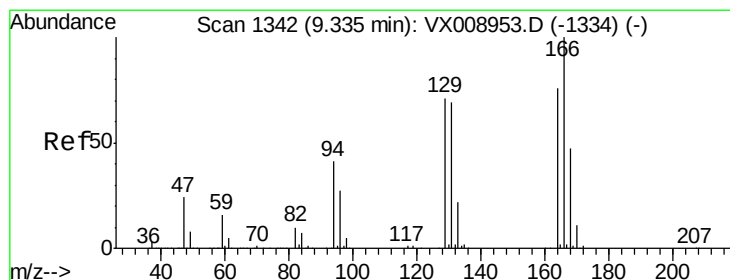
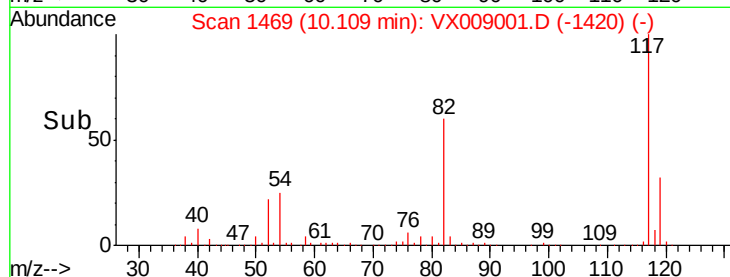
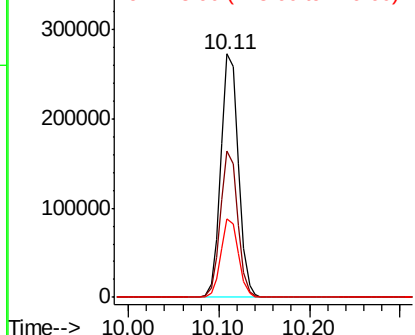
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Instrument :
MSVOA_X
ClientSampled :
TP-16-S

Tot Ion:117 Resp: 371302
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 32.4 25.0 37.6

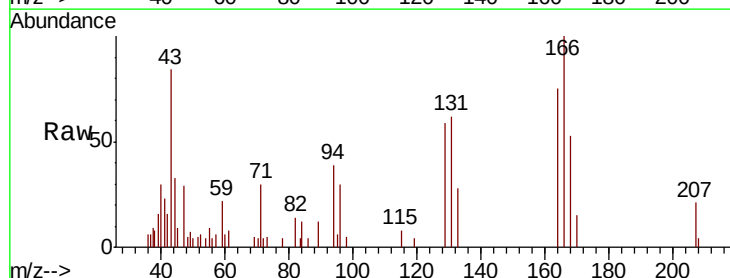


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

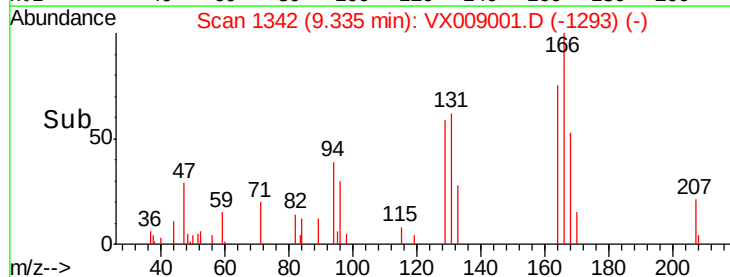
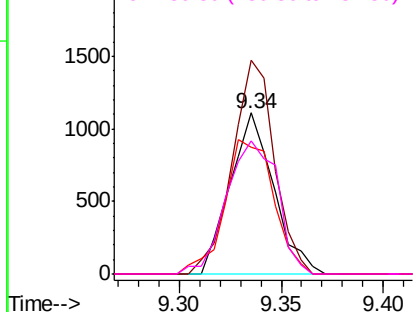


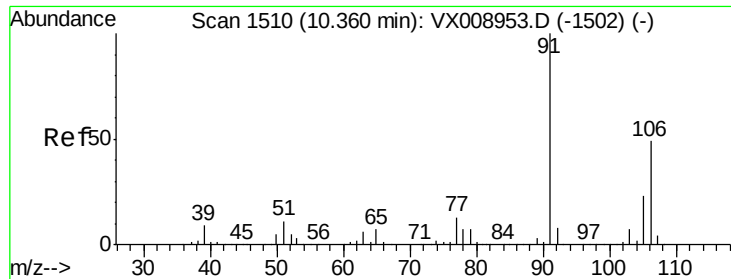
#64
Tetrachloroethene
Concen: 0.585 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009001.D
Acq: 16 Apr 2019 20:30

Tgt Ion:164 Resp: 1651
Ion Ratio Lower Upper
164 100
166 132.8 105.0 157.4
129 78.8 74.2 111.4
131 82.9 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#68

m/p-Xvlenes

Concen: 0.307 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

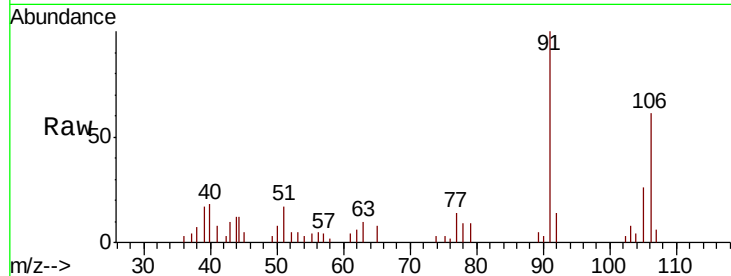
TP-16-S

Tot Ion:106 Resp: 1600

Ion Ratio Lower Upper

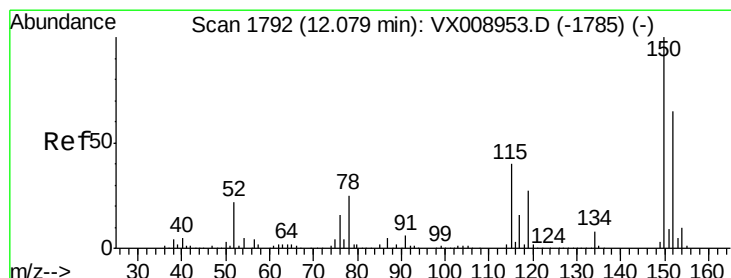
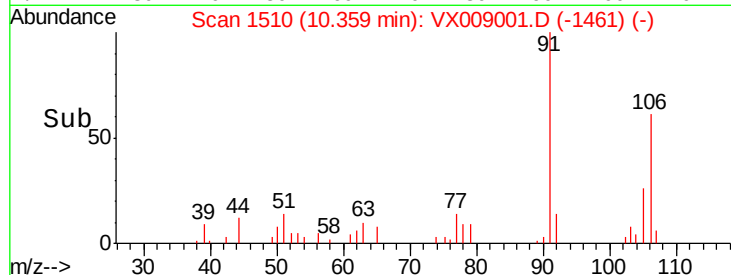
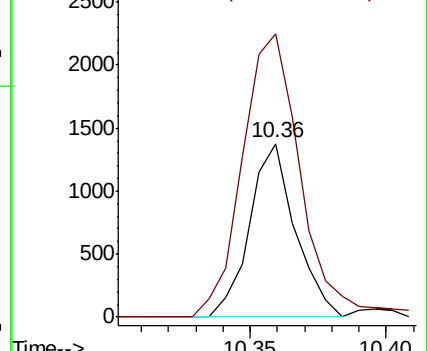
106 100

91 209.2 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

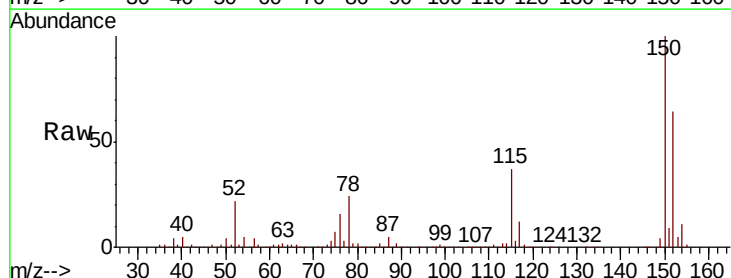
Tgt Ion:152 Resp: 161883

Ion Ratio Lower Upper

152 100

115 59.9 41.4 124.2

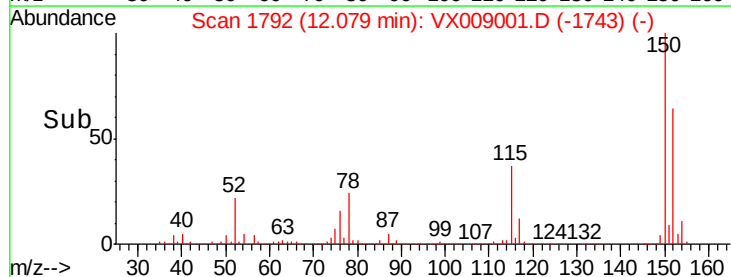
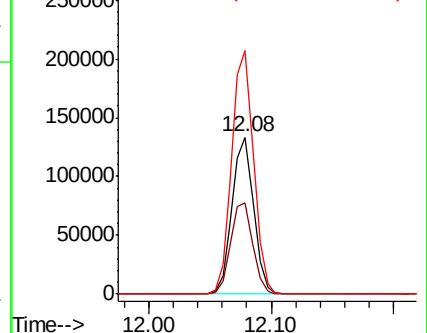
150 157.6 0.0 349.8

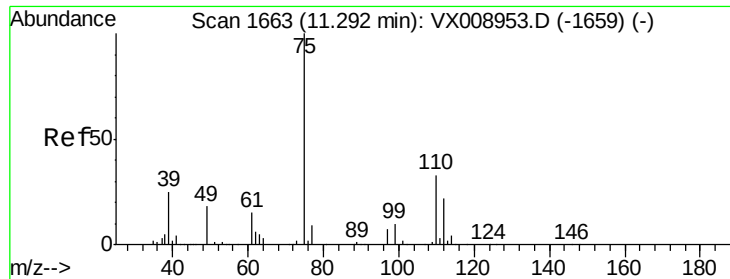


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

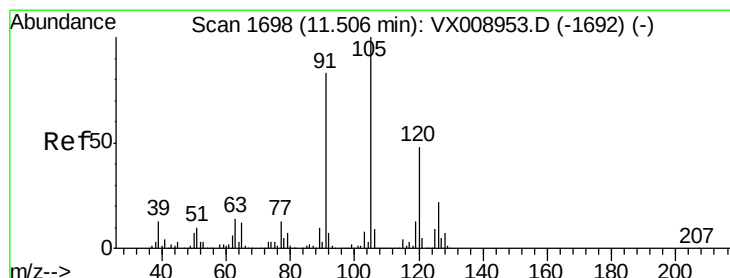
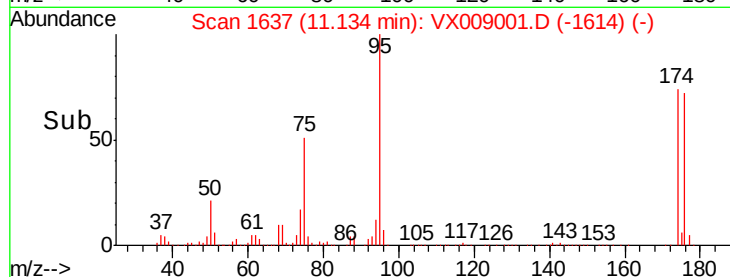
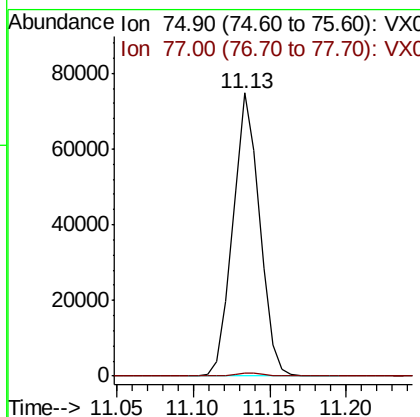
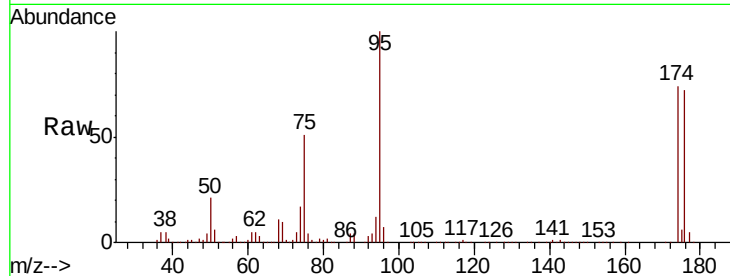




#76
 1,2,3-Trichloropropane
 Concen: 22.946 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

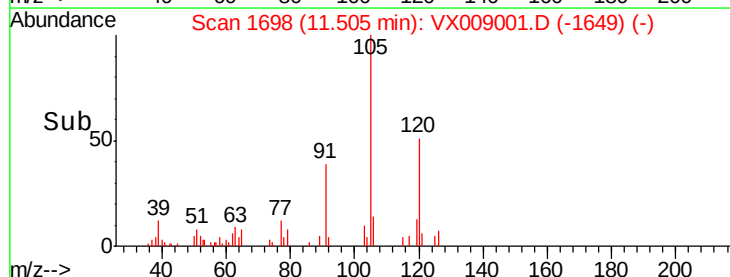
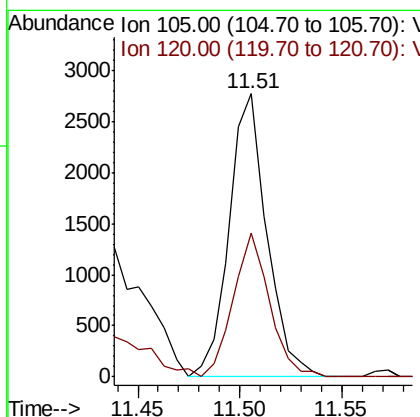
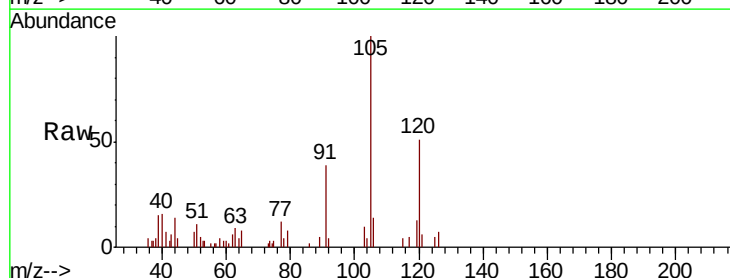
Instrument :
 MSVOA_X
 ClientSampled :
 TP-16-S

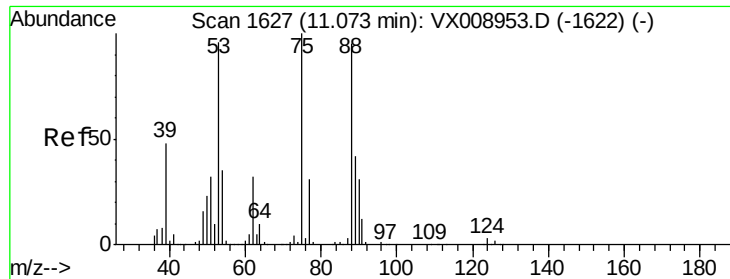
Tot Ion: 75 Resp: 90701
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.7 68.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.344 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Tgt Ion: 105 Resp: 3546
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 58.908 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

TP-16-S

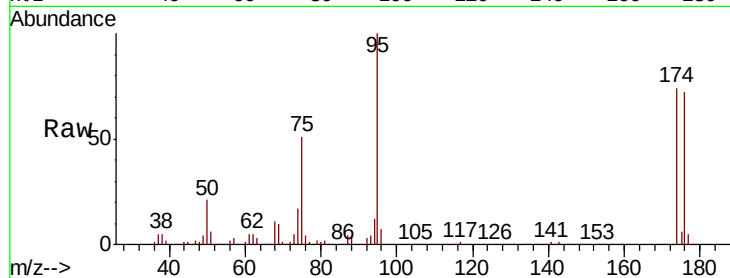
Tot Ion: 75 Resp: 90701

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

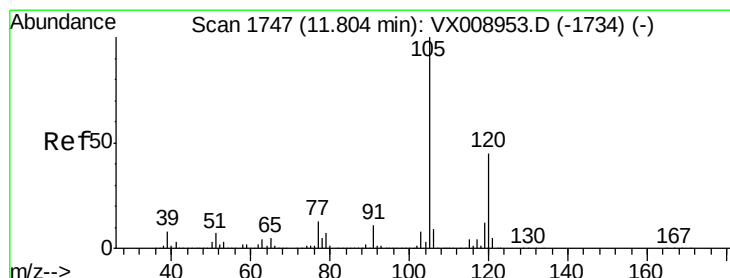
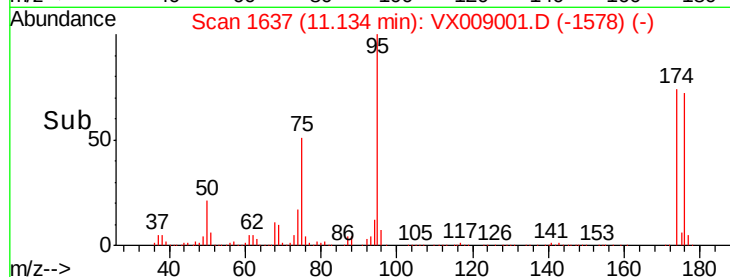
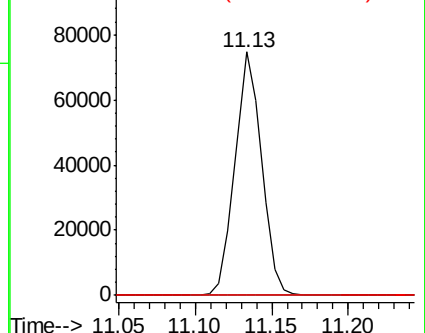
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.533 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009001.D

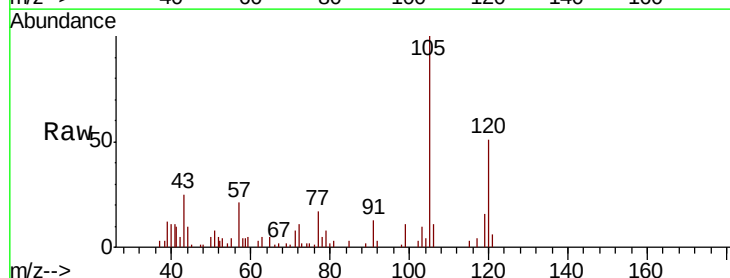
Acq: 16 Apr 2019 20:30

Tgt Ion:105 Resp: 5586

Ion Ratio Lower Upper

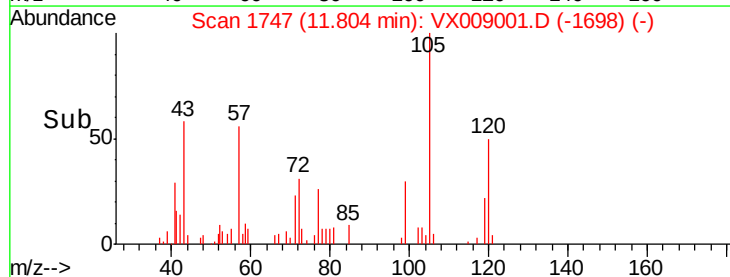
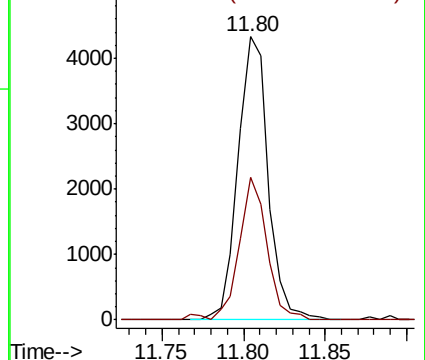
105 100

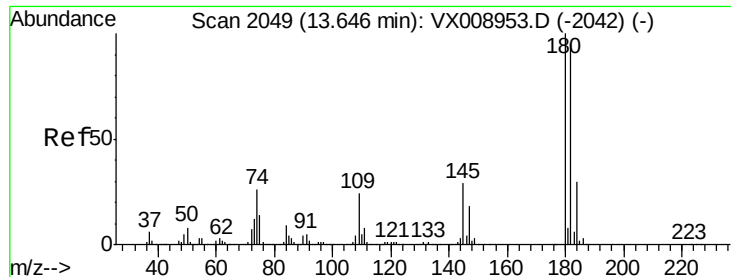
120 46.8 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#93

1,2,4-Trichlorobenzene

Concen: 0.241 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

TP-16-S

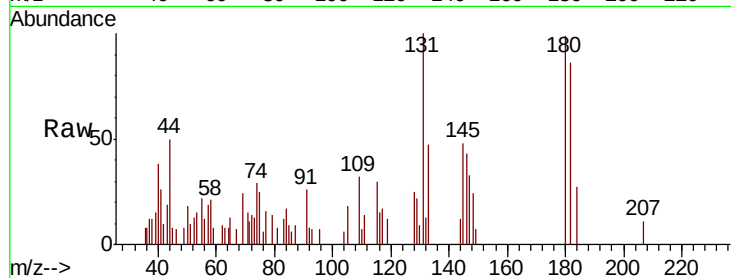
Tot Ion:180 Resp: 932

Ion Ratio Lower Upper

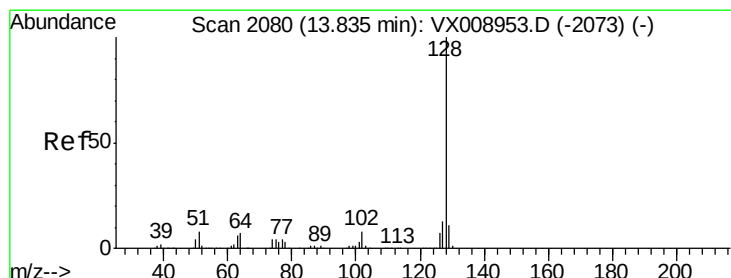
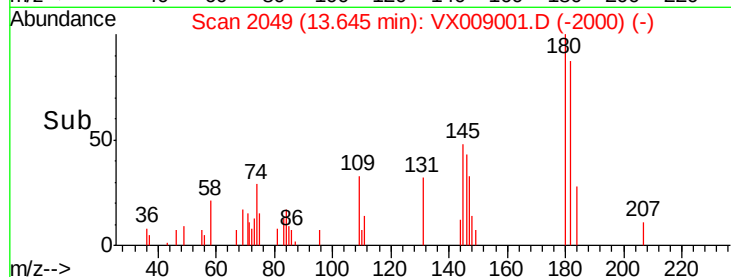
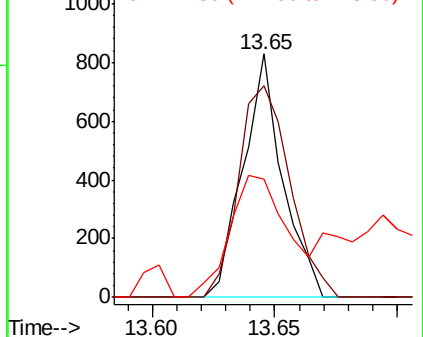
180 100

182 112.9 47.6 142.9

145 73.1 14.8 44.4#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 4.391 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009001.D

Acq: 16 Apr 2019 20:30

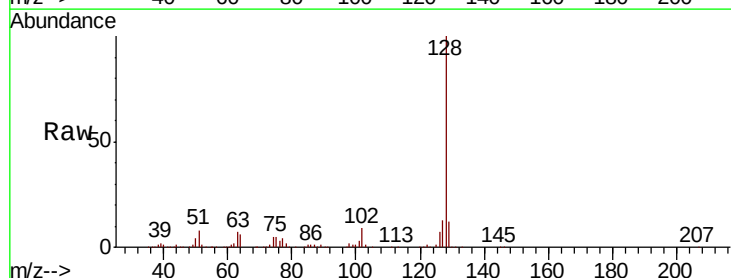
Tgt Ion:128 Resp: 54334

Ion Ratio Lower Upper

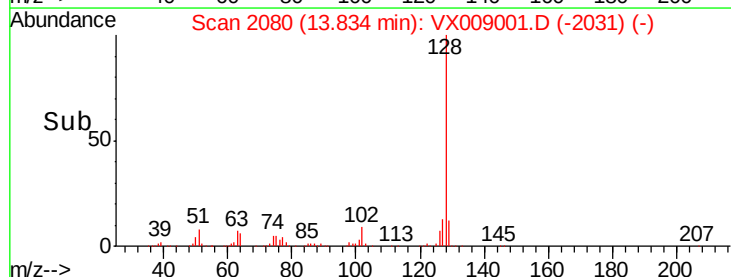
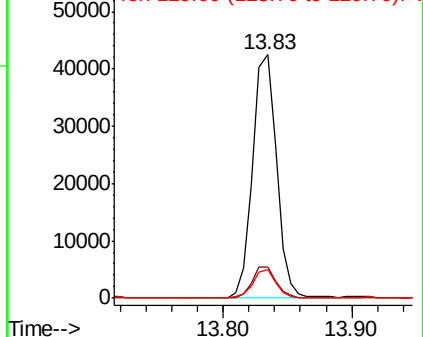
128 100

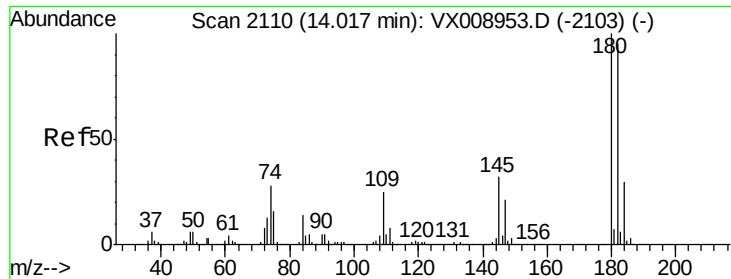
127 13.0 10.6 16.0

129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.264 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009001.D
 Acq: 16 Apr 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16-S

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.4
145	38.4	15.8	47.3

