

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
 Data File : VX005146.D
 Acq On : 09 Oct 2018 00:29
 Operator : JC/MD
 Sample : J5259-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3DL

Quant Time: Oct 09 06:00:55 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	5.67	168	189010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167232	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140839	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.51	113	125652	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	8.72	98	425420	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.14	95	155316	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

Target Compounds

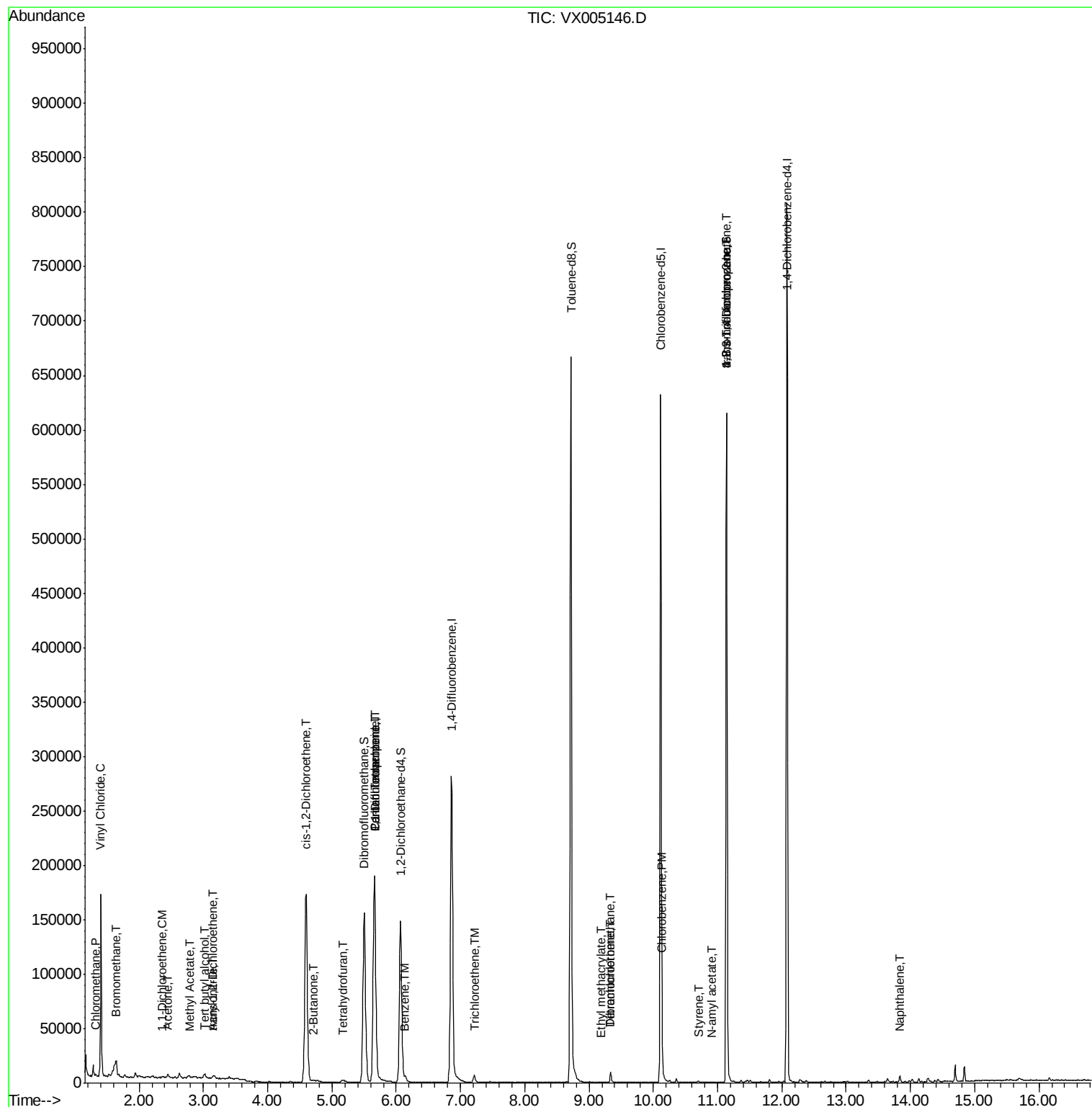
						Qvalue
3) Chloromethane	1.32	50	635	0.203	ug/l #	55
4) Vinyl Chloride	1.40	62	105446	35.958	ug/l	99
5) Bromomethane	1.64	94	1109	0.638	ug/l	85
6) Chloroethane	1.72	64	339	Below Cal		95
11) Tert butyl alcohol	3.03	59	2435	3.225	ug/l #	77
12) 1,1-Dichloroethene	2.36	96	545	0.266	ug/l #	54
15) Acrylonitrile	3.15	53	638	0.384	ug/l #	81
16) Acetone	2.45	43	2851	1.809	ug/l	97
18) Methyl Acetate	2.79	43	1018	0.255	ug/l	98
20) Methylene Chloride	2.85	84	742	Below Cal	#	85
21) trans-1,2-Dichloroethene	3.16	96	1027	0.458	ug/l #	79
25) 2-Butanone	4.71	43	3467	1.492	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	114318	45.645	ug/l	94
29) Tetrahydrofuran	5.17	42	2010	1.392	ug/l #	91
36) 1,1-Dichloropropene	5.66	75	13526	3.984	ug/l #	46
38) Carbon Tetrachloride	5.66	117	17685	4.955	ug/l #	16
40) Benzene	6.14	78	5173	0.487	ug/l	90
44) Trichloroethene	7.21	130	2553	0.977	ug/l	97
56) Ethyl methacrylate	9.18	69	24	2.868	ug/l #	1
60) Dibromochloromethane	9.34	129	1711	0.669	ug/l #	10
64) Tetrachloroethene	9.34	164	1871	0.649	ug/l	89
65) Chlorobenzene	10.14	112	1968	0.262	ug/l	92
70) Styrene	10.71	104	110	2.154	ug/l #	54
74) N-ethyl acetate	10.90	43	27	1.752	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	77439	20.660	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	505	Below Cal		98
81) trans-1,4-Dichloro-2-buten	11.14	75	77439	56.095	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	1173	Below Cal		97
95) Naphthalene	13.83	128	3363	0.958	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005146.D
Acq On : 09 Oct 2018 00:29
Operator : JC/MD
Sample : J5259-02DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FA18-EX3DL

Quant Time: Oct 09 06:00:55 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

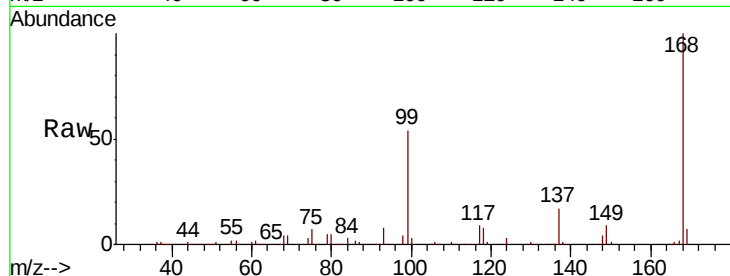
FA18-EX3DL

Tot Ion:168 Resp: 189010

Ion Ratio Lower Upper

168 100

99 54.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

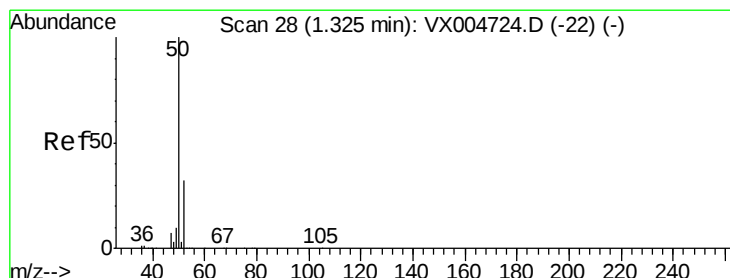
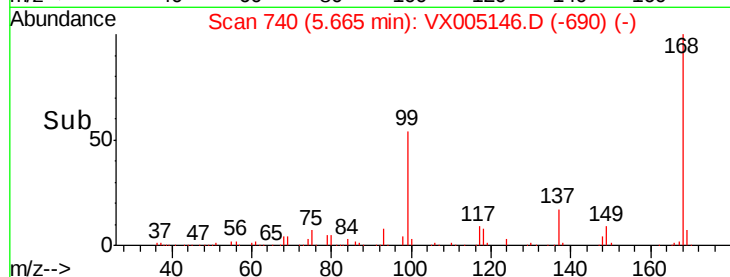
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.203 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005146.D

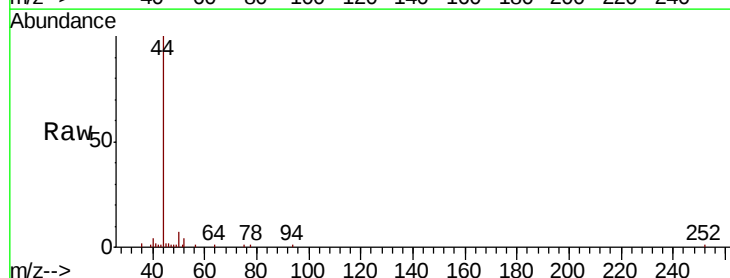
Acq: 09 Oct 2018 00:29

Tgt Ion: 50 Resp: 635

Ion Ratio Lower Upper

50 100

52 57.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

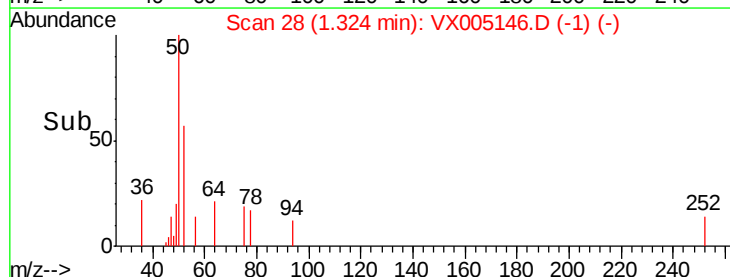
300

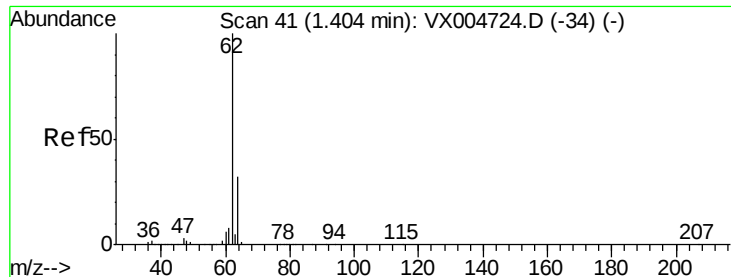
200

100

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 35.958 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampled :

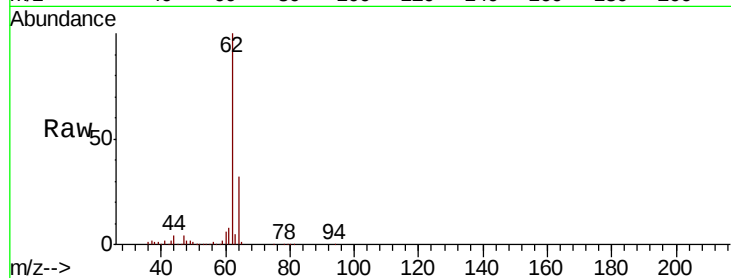
FA18-EX3DL

Tot Ion: 62 Resp: 105446

Ion Ratio Lower Upper

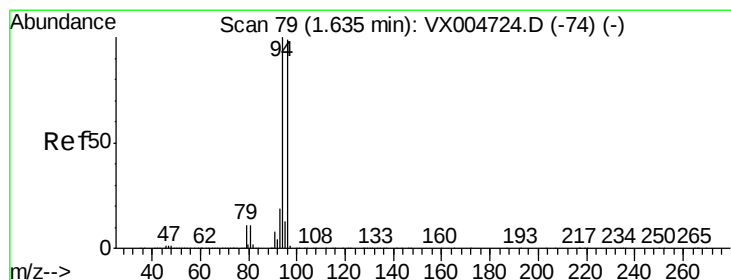
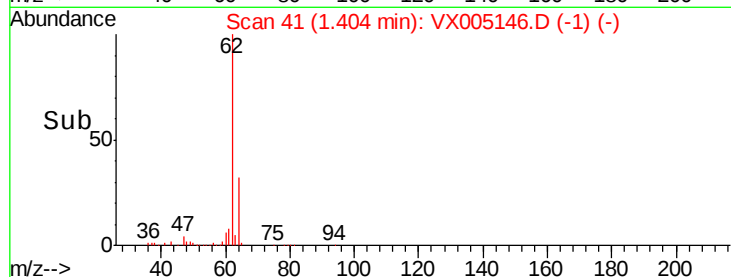
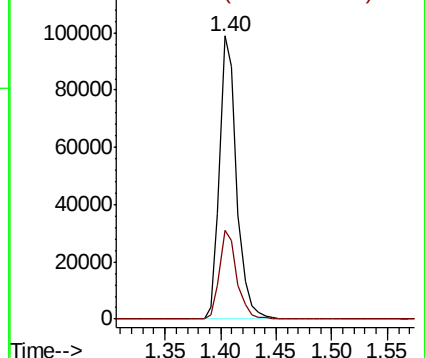
62 100

64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.638 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005146.D

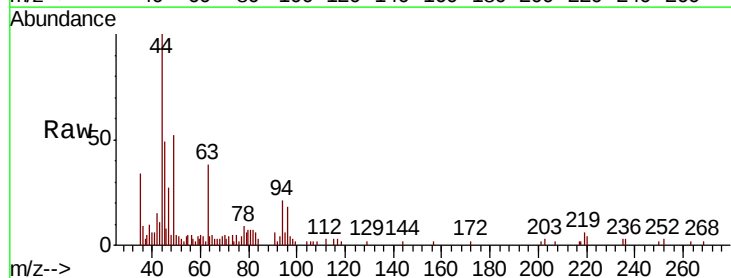
Acq: 09 Oct 2018 00:29

Tgt Ion: 94 Resp: 1109

Ion Ratio Lower Upper

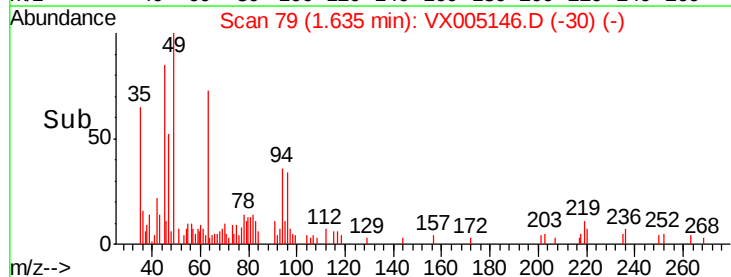
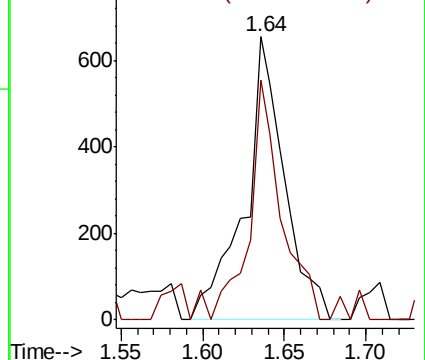
94 100

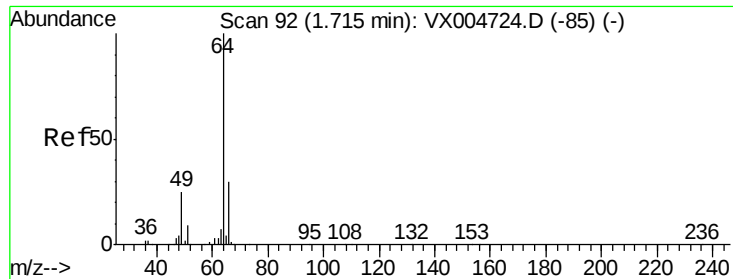
96 84.7 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampled :

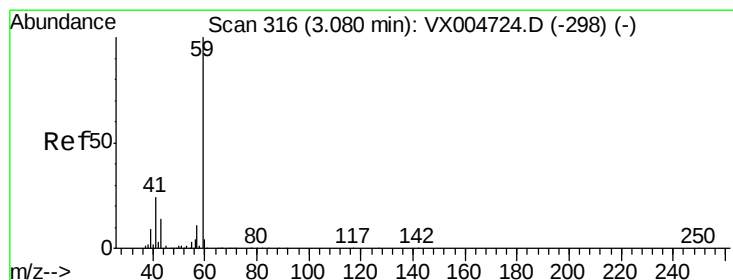
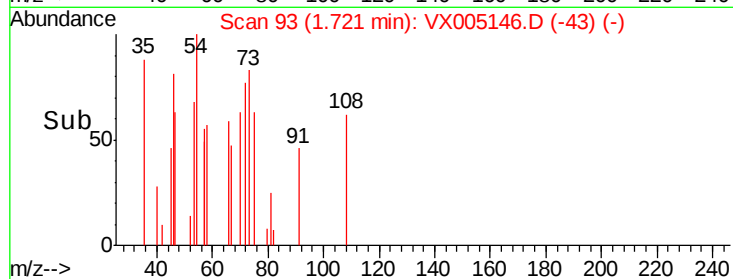
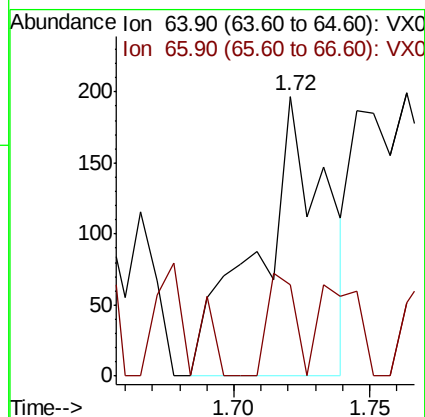
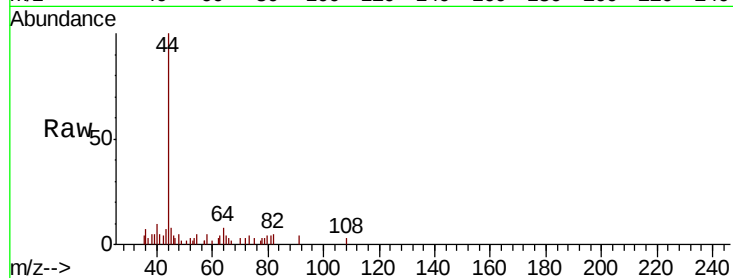
FA18-EX3DL

Tot Ion: 64 Resp: 339

Ion Ratio Lower Upper

64 100

66 32.5 23.8 35.6



#11

Tert butyl alcohol

Concen: 3.225 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005146.D

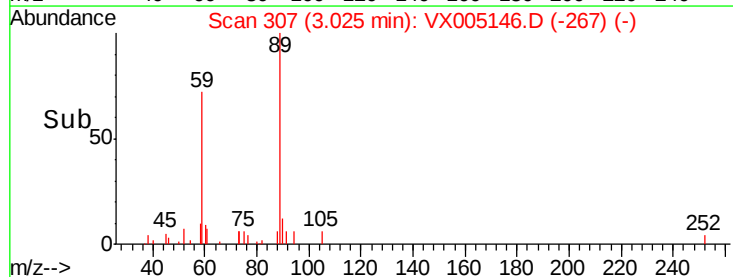
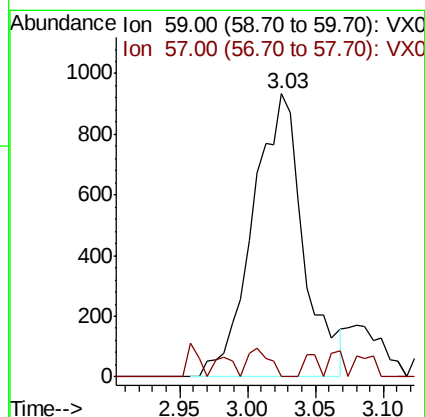
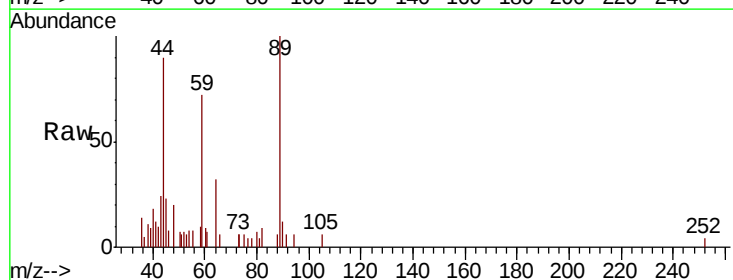
Acq: 09 Oct 2018 00:29

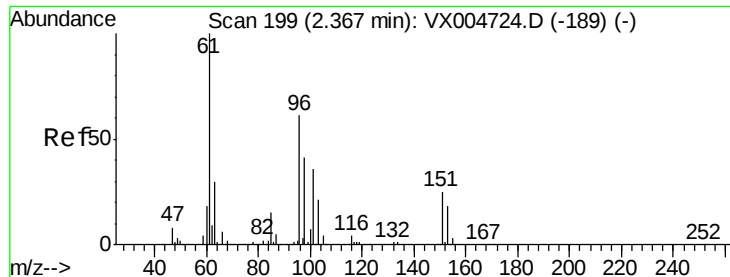
Tgt Ion: 59 Resp: 2435

Ion Ratio Lower Upper

59 100

57 2.2 8.6 12.8#





#12

1,1-Dichloroethene

Concen: 0.266 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3DL

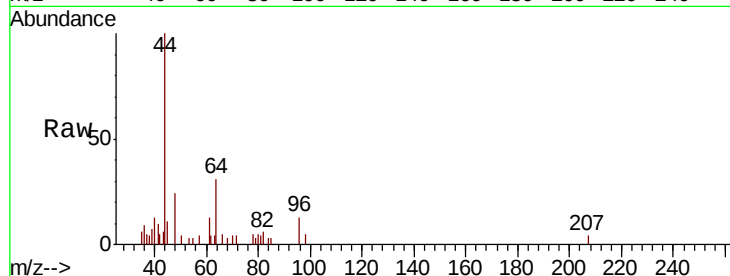
Tot Ion: 96 Resp: 545

Ion Ratio Lower Upper

96 100

61 95.5 130.2 195.4#

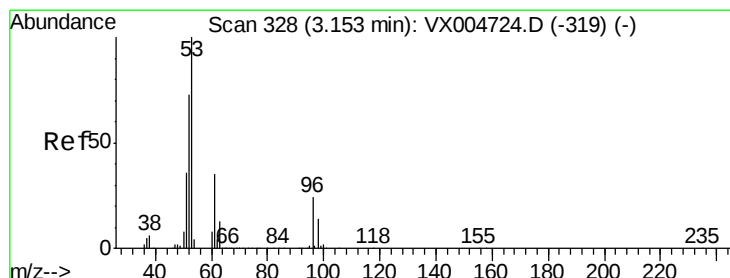
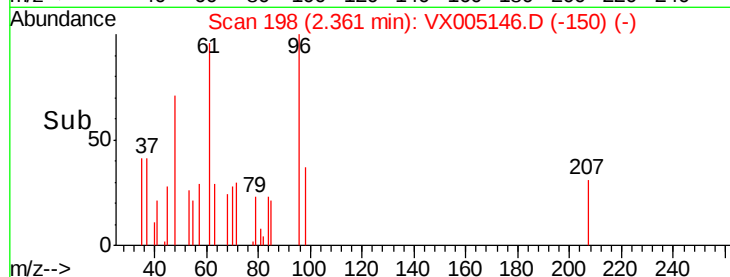
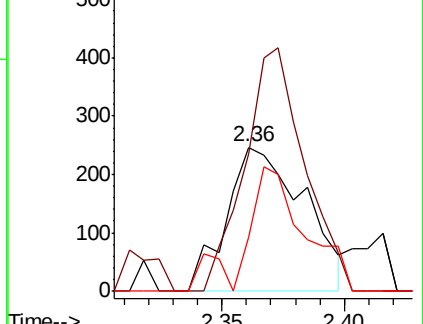
98 37.2 53.4 80.0#



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



#15

Acrylonitrile

Concen: 0.384 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

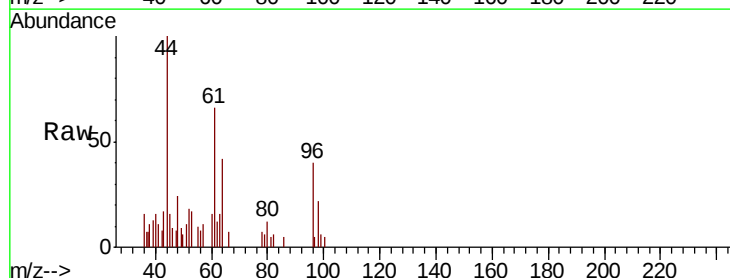
Tgt Ion: 53 Resp: 638

Ion Ratio Lower Upper

53 100

52 63.6 63.0 94.4

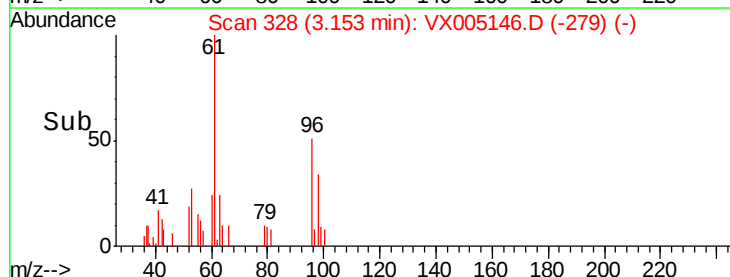
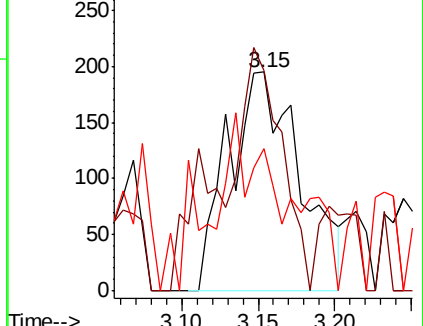
51 22.1 28.6 42.8#

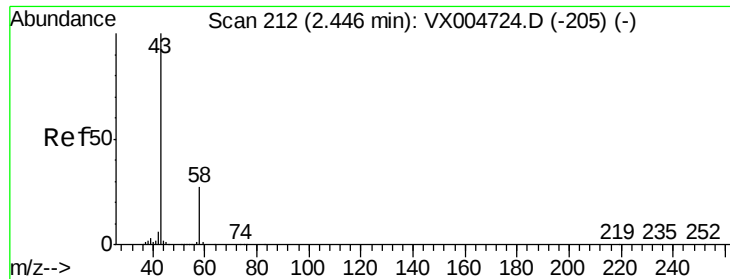


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.809 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

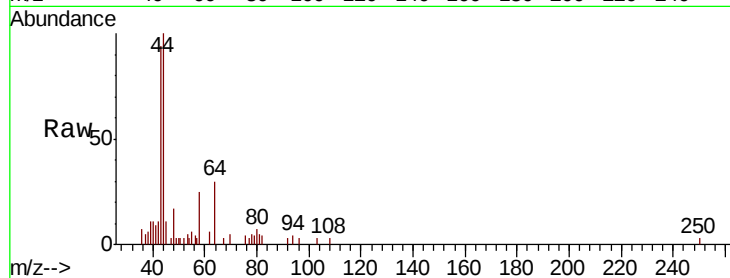
FA18-EX3DL

Tot Ion: 43 Resp: 2851

Ion Ratio Lower Upper

43 100

58 28.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

1000

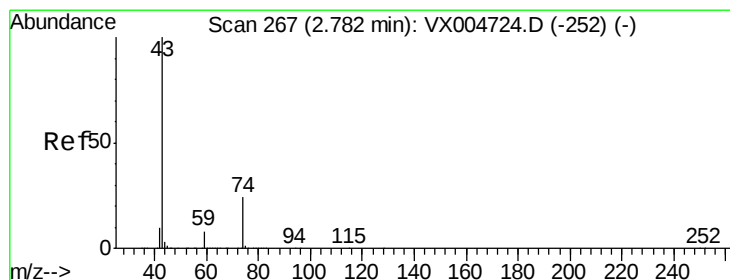
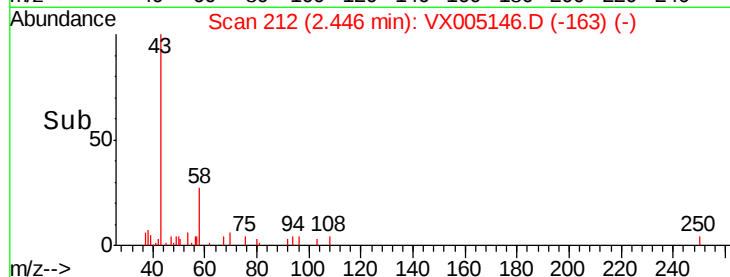
500

200

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 0.255 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX005146.D

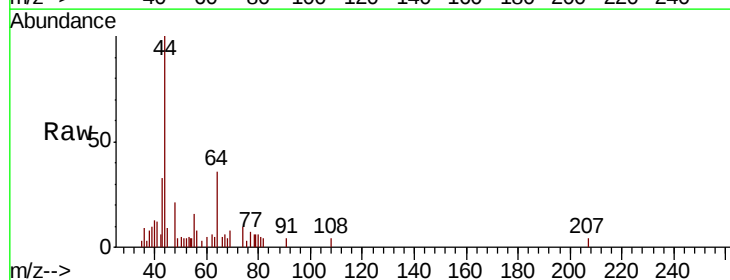
Acq: 09 Oct 2018 00:29

Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

600

500

400

300

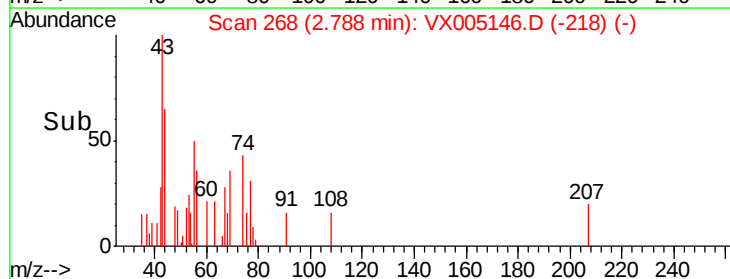
200

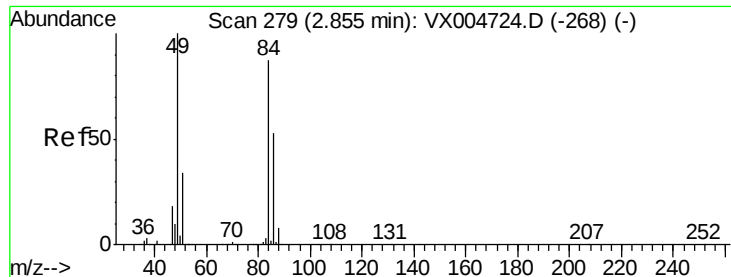
100

0

2.70 2.75 2.80 2.85

Time-->

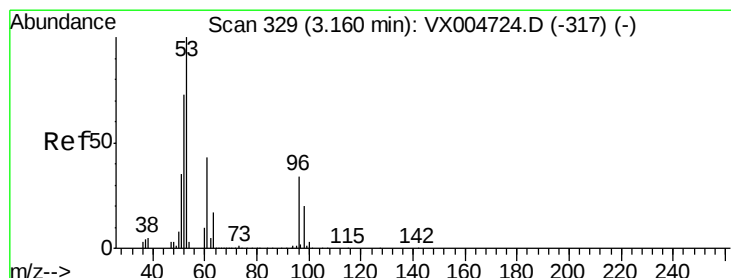
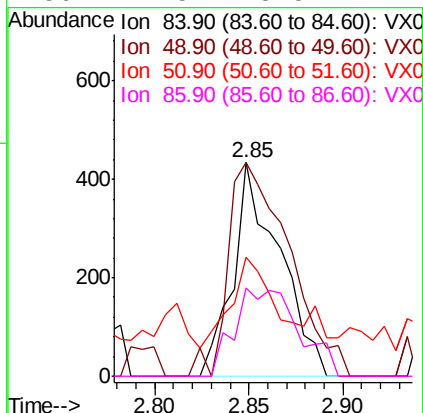
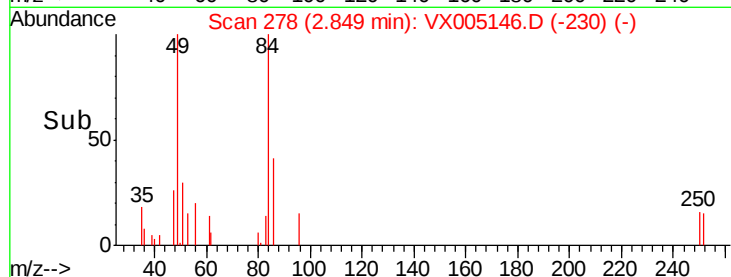
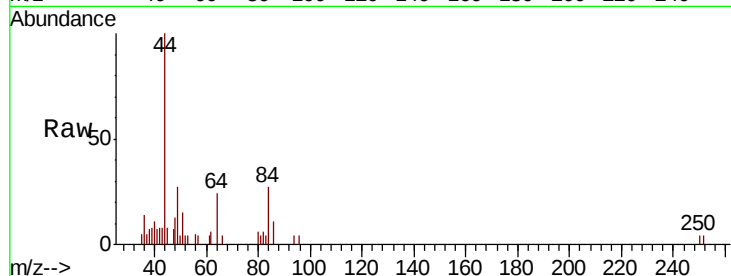




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005146.D
Acq: 09 Oct 2018 00:29

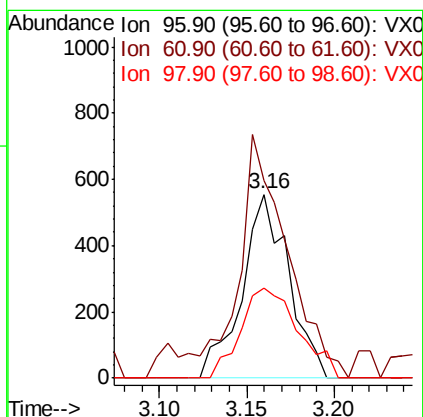
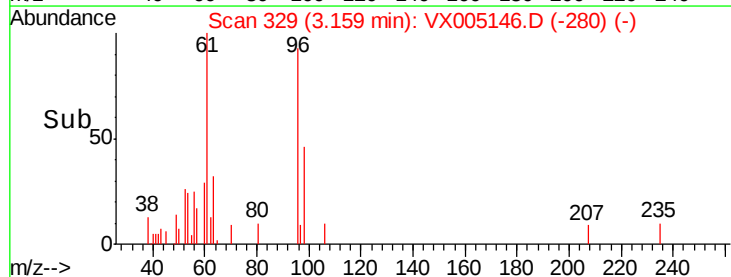
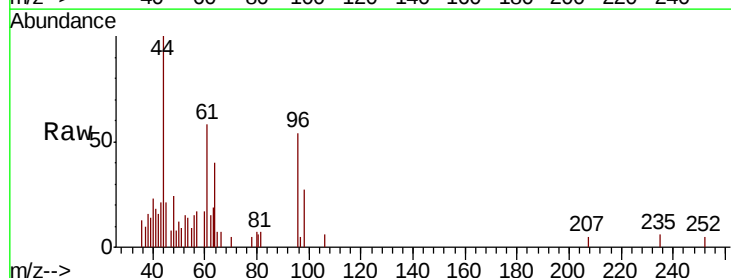
Instrument :
MSVOA_X
ClientSampled :
FA18-EX3DL

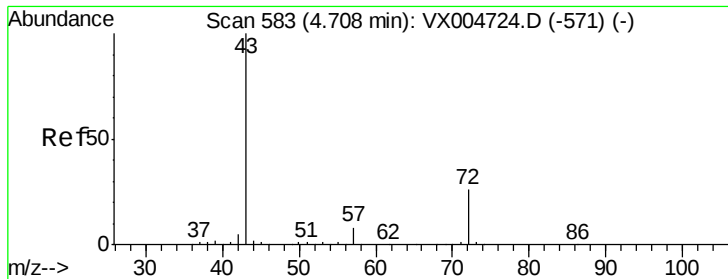
Tot Ion: 84 Resp: 742
Ion Ratio Lower Upper
84 100
49 99.8 92.3 138.5
51 37.6 31.8 47.6
86 41.5 48.5 72.7#



#21
trans-1,2-Dichloroethene
Concen: 0.458 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX005146.D
Acq: 09 Oct 2018 00:29

Tgt Ion: 96 Resp: 1027
Ion Ratio Lower Upper
96 100
61 97.8 101.0 151.6#
98 49.0 47.2 70.8





#25

2-Butanone

Concen: 1.492 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampled :

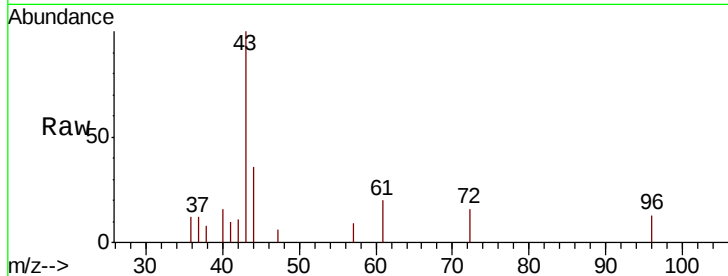
FA18-EX3DL

Tot Ion: 43 Resp: 3467

Ion Ratio Lower Upper

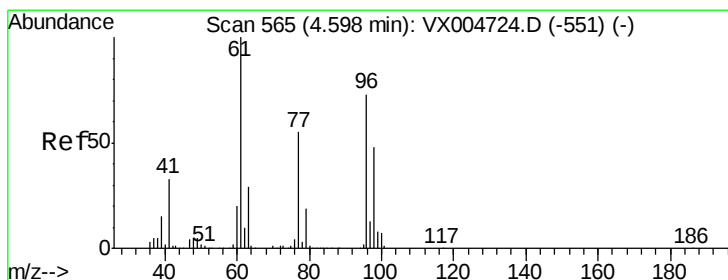
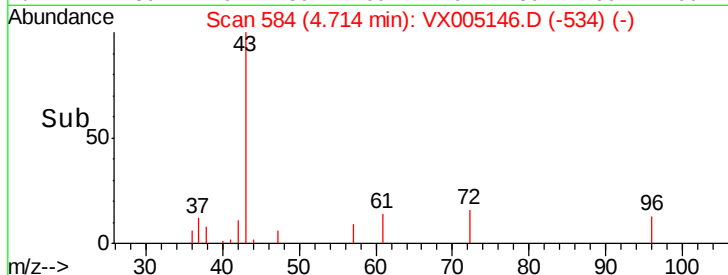
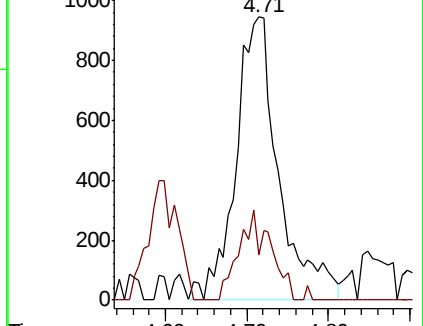
43 100

72 16.2 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 45.645 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

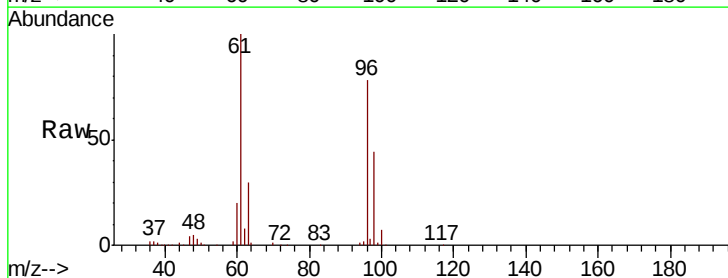
Tgt Ion: 96 Resp: 114318

Ion Ratio Lower Upper

96 100

61 135.5 0.0 285.8

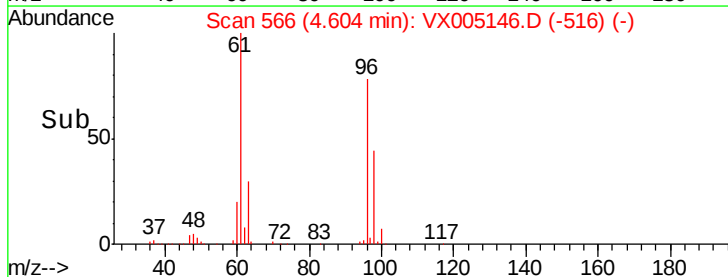
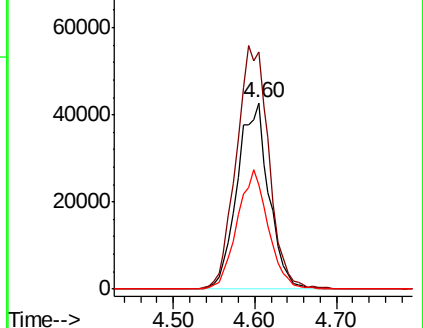
98 63.0 0.0 136.2

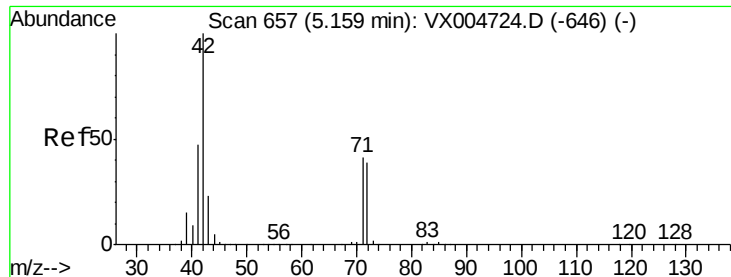


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 1.392 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3DL

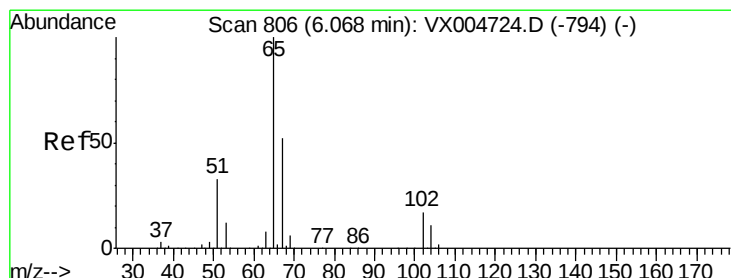
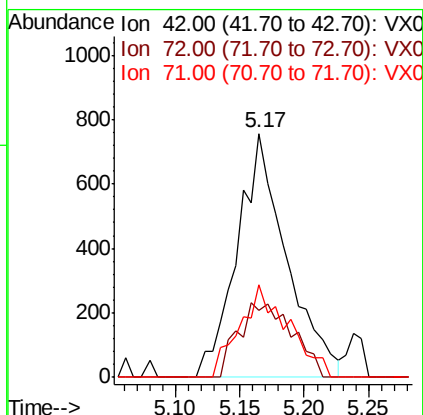
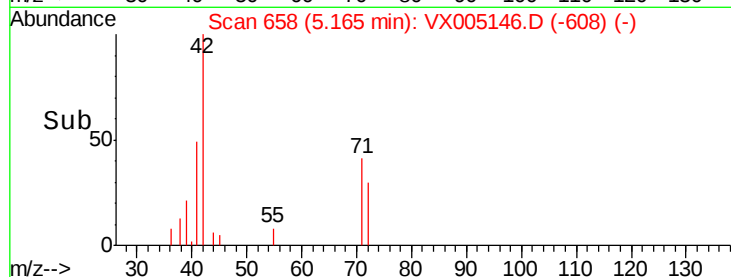
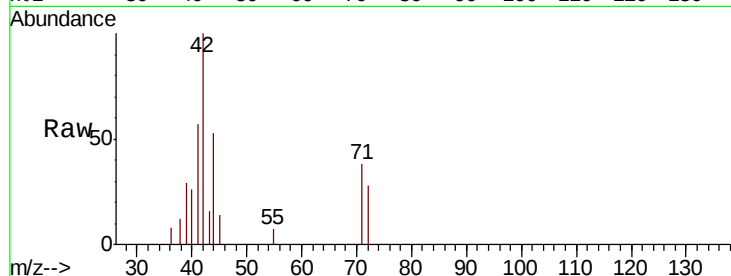
Tot Ion: 42 Resp: 2010

Ion Ratio Lower Upper

42 100

72 33.6 33.7 50.5#

71 37.3 32.2 48.4



#33

1,2-Dichloroethane-d4

Concen: 52.162 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005146.D

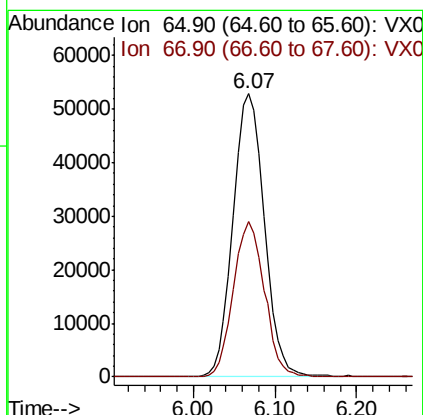
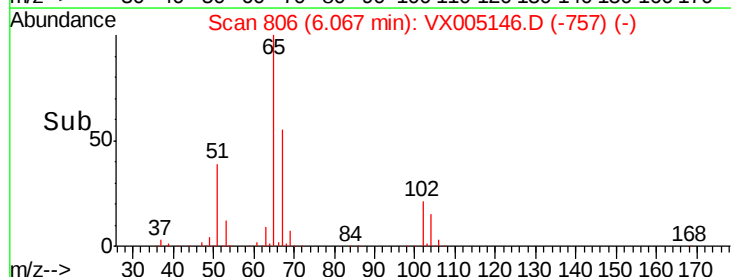
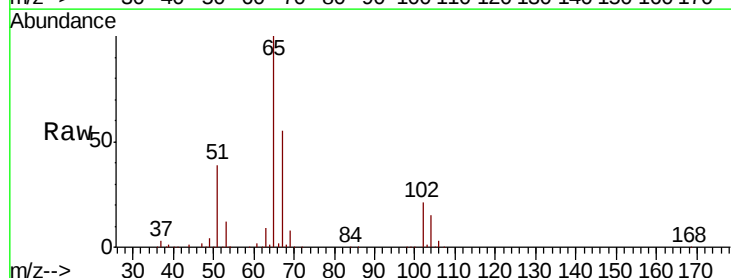
Acq: 09 Oct 2018 00:29

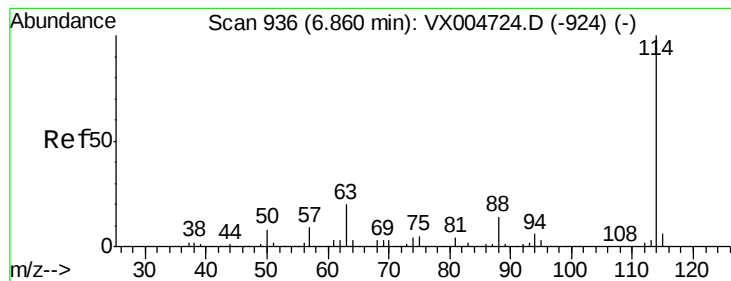
Tgt Ion: 65 Resp: 140839

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3DL

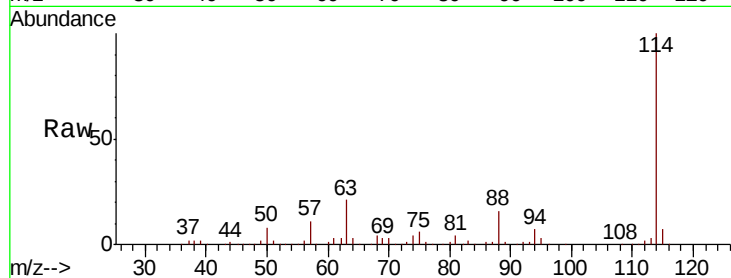
Tot Ion:114 Resp: 293636

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.8

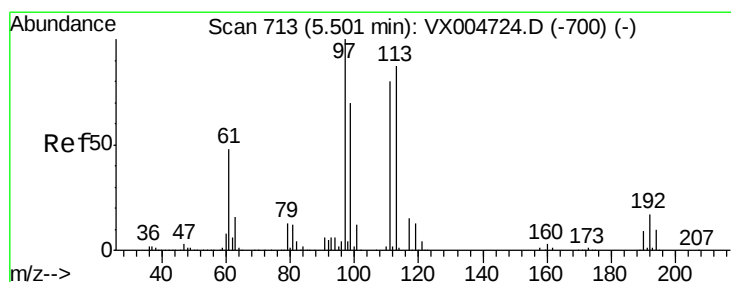
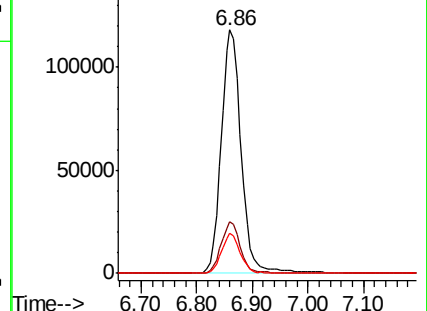
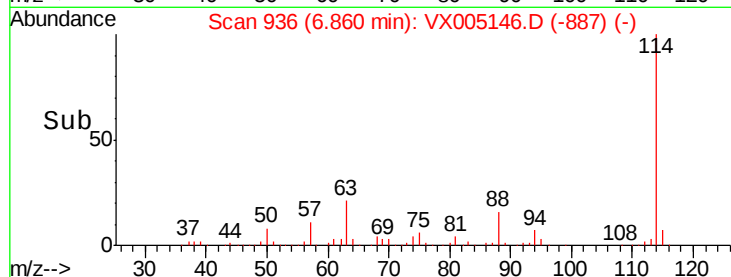
88 16.4 0.0 27.0



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: 50.491 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

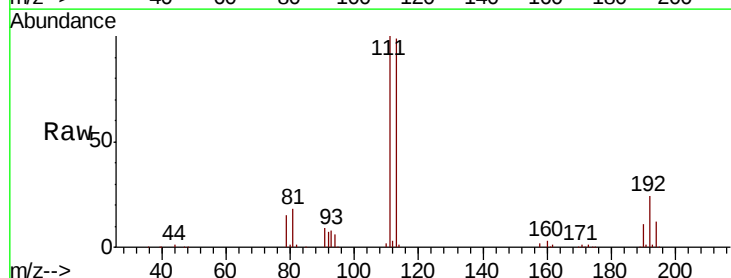
Tgt Ion:113 Resp: 125652

Ion Ratio Lower Upper

113 100

111 106.9 77.0 115.4

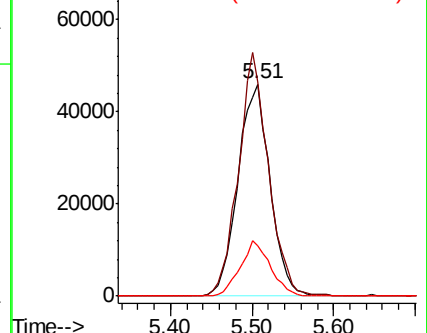
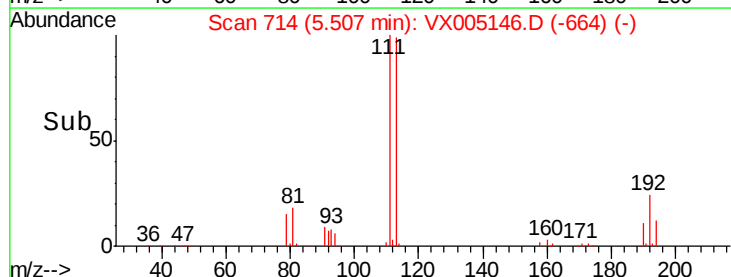
192 24.5 17.0 25.6

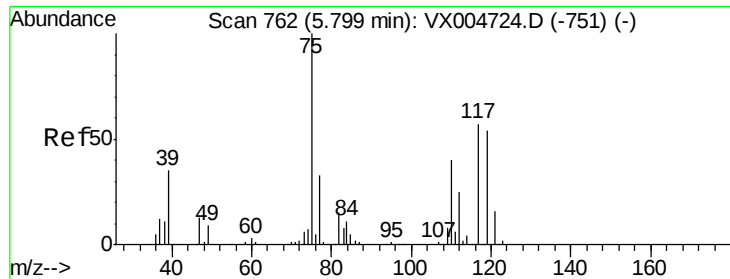


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

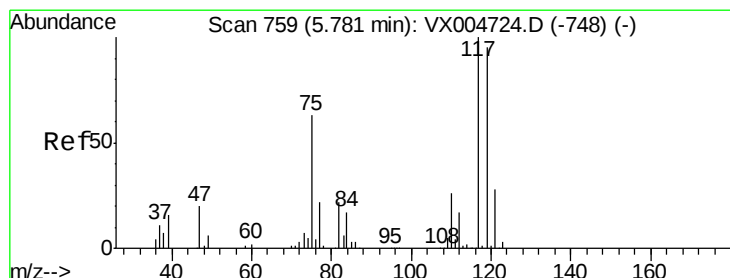
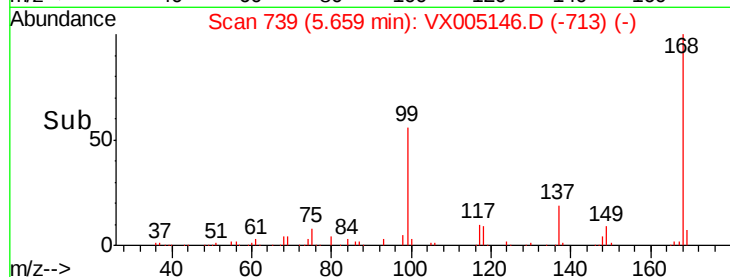
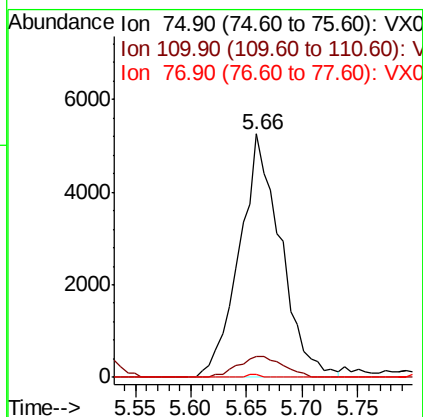
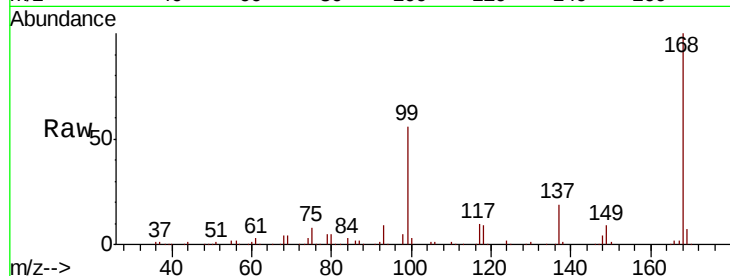




#36
 1,1-Dichloropropene
 Concen: 3.984 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005146.D
 Acq: 09 Oct 2018 00:29

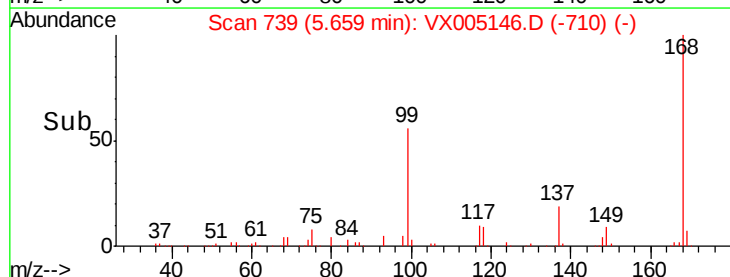
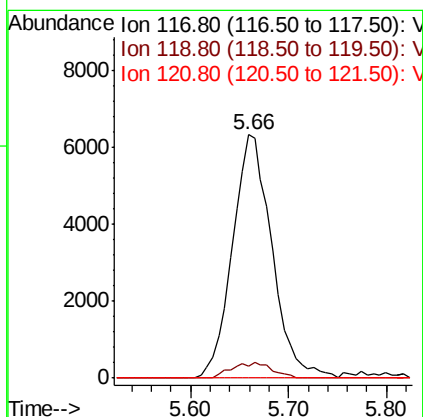
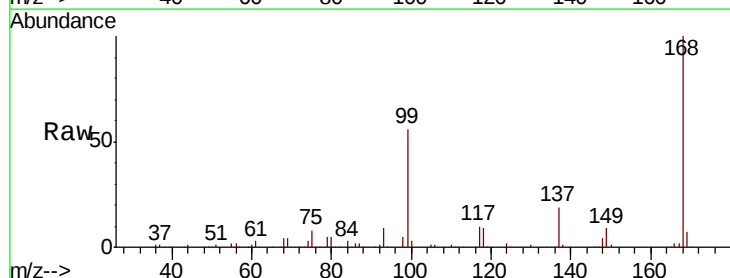
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3DL

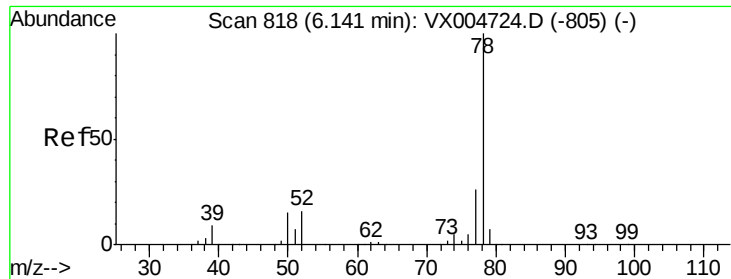
Tot Ion: 75 Resp: 13526
 Ion Ratio Lower Upper
 75 100
 110 9.5 20.0 59.9#
 77 0.3 27.1 40.7#



#38
 Carbon Tetrachloride
 Concen: 4.955 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005146.D
 Acq: 09 Oct 2018 00:29

Tgt Ion: 117 Resp: 17685
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.2 112.8#
 121 0.0 22.5 33.7#





#40

Benzene

Concen: 0.487 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

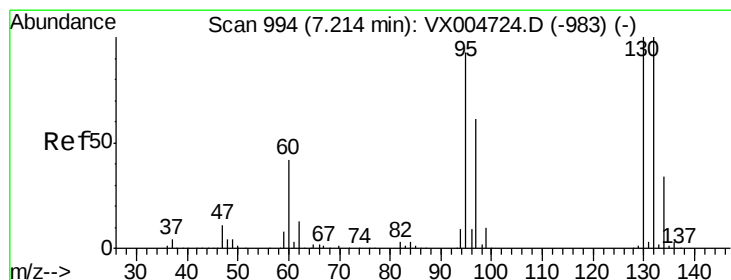
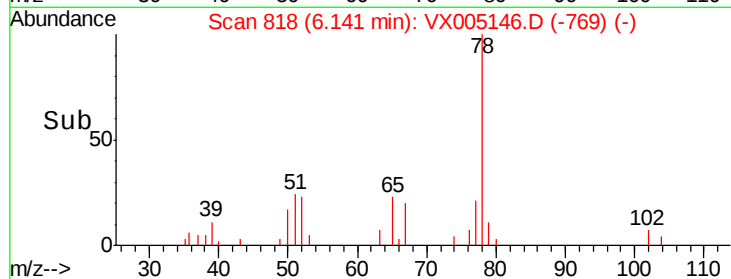
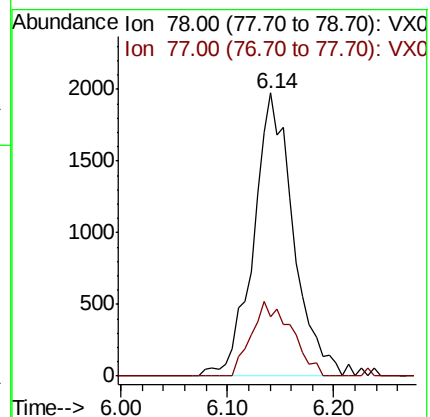
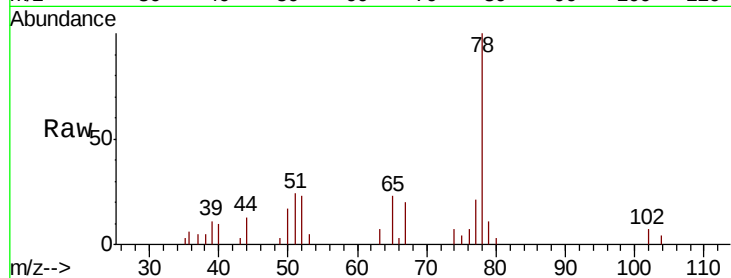
FA18-EX3DL

Tot Ion: 78 Resp: 5173

Ion Ratio Lower Upper

78 100

77 21.2 21.0 31.4



#44

Trichloroethene

Concen: 0.977 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005146.D

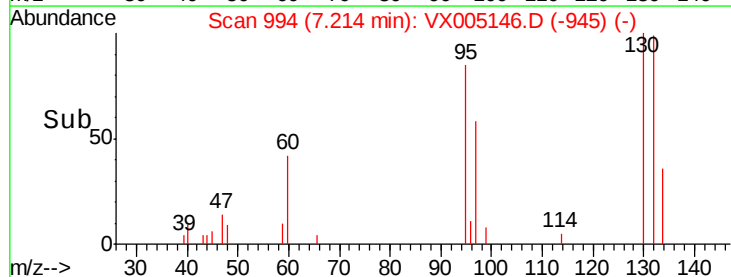
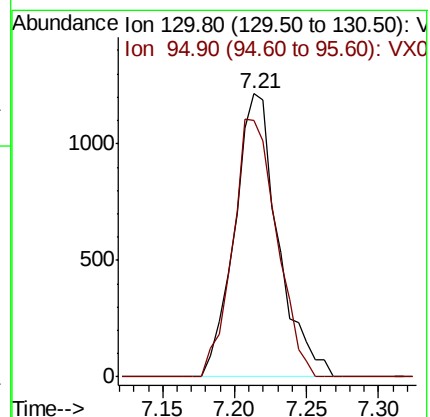
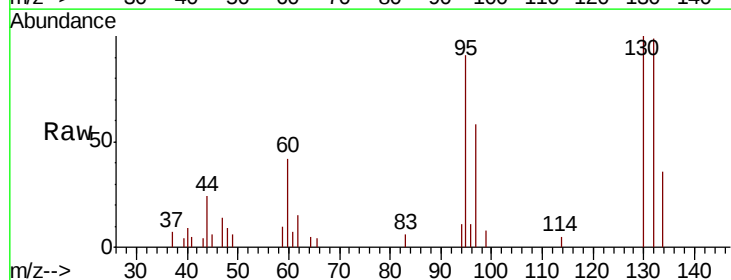
Acq: 09 Oct 2018 00:29

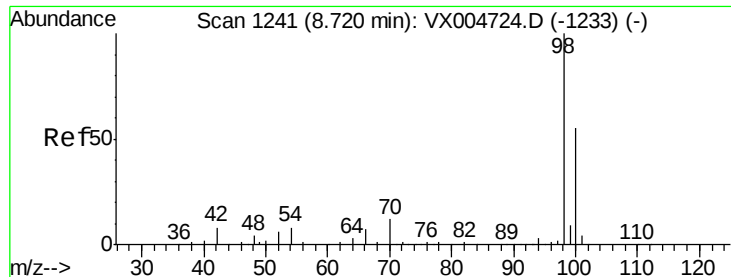
Tgt Ion:130 Resp: 2553

Ion Ratio Lower Upper

130 100

95 90.7 0.0 186.8





#50

Toluene-d8

Concen: 51.421 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

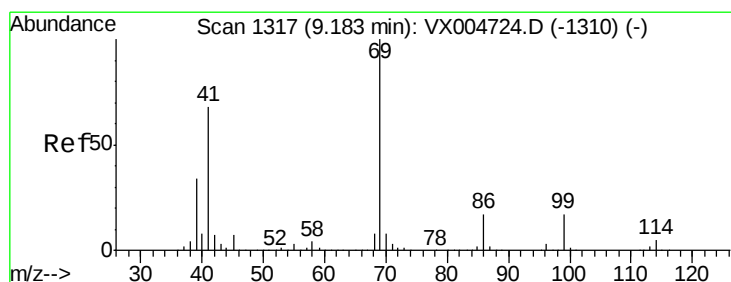
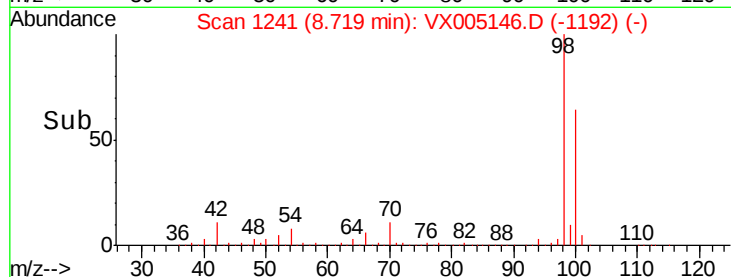
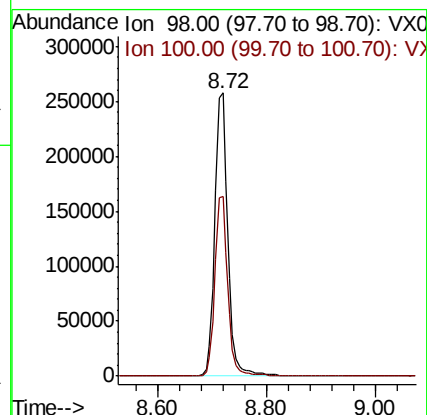
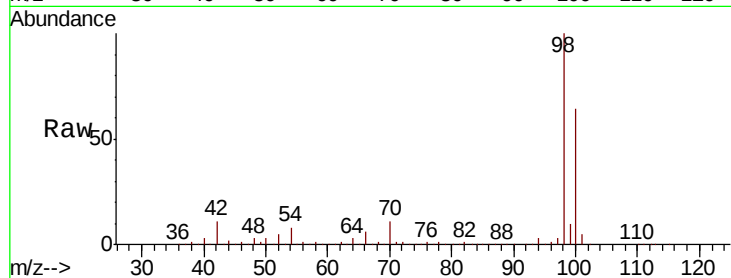
FA18-EX3DL

Tot Ion: 98 Resp: 425420

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9



#56

Ethyl methacrylate

Concen: 2.868 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

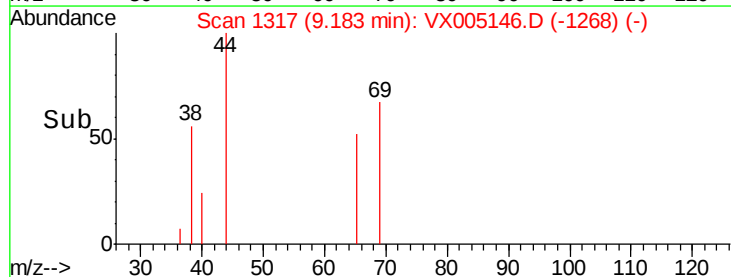
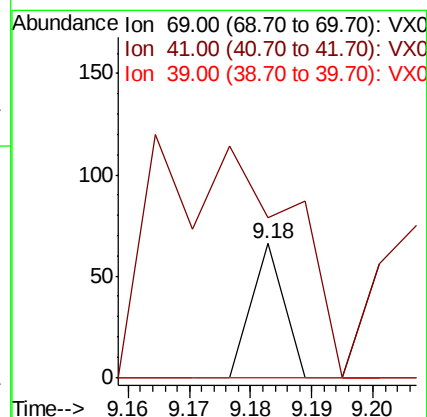
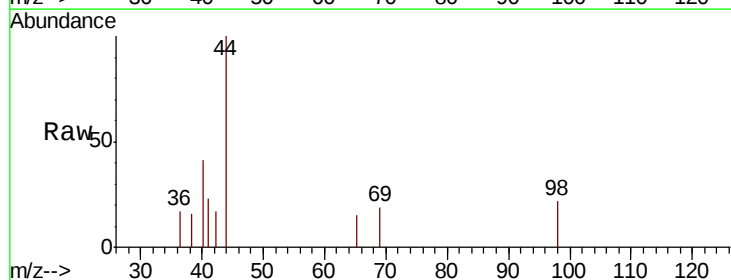
Tgt Ion: 69 Resp: 24

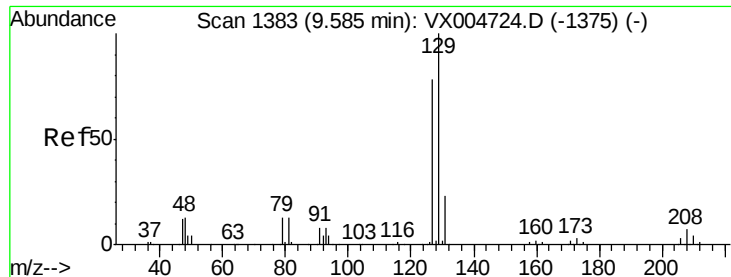
Ion Ratio Lower Upper

69 100

41 720.8 56.9 85.3#

39 0.0 28.4 42.6#





#60

Dibromochloromethane

Concen: 0.669 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

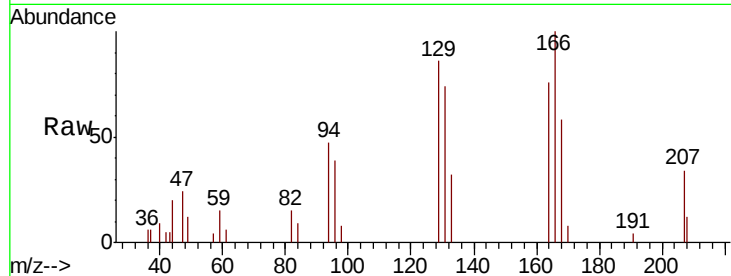
FA18-EX3DL

Tot Ion:129 Resp: 1711

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

1500

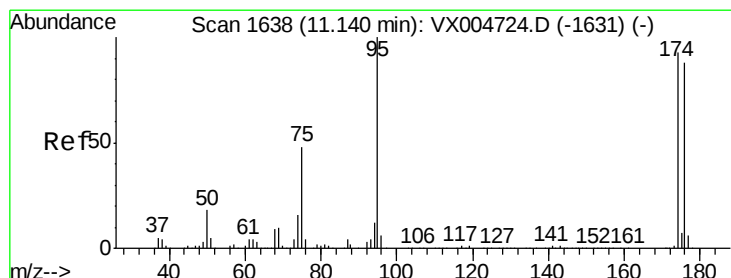
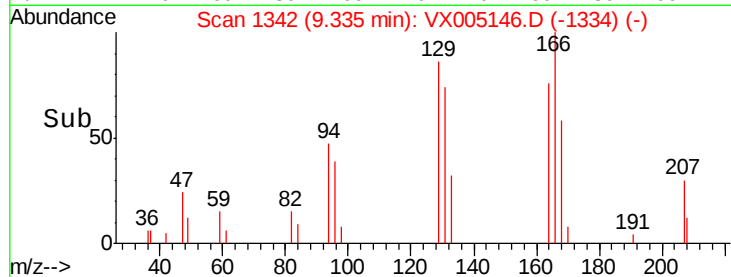
1000

500

0

Time-->

9.30 9.35



#62

4-Bromofluorobenzene

Concen: 52.110 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

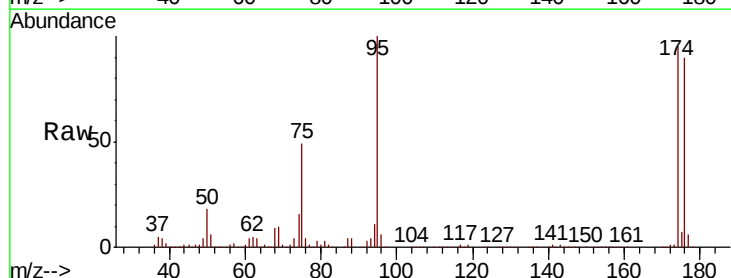
Tgt Ion: 95 Resp: 155316

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.0

176 90.1 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

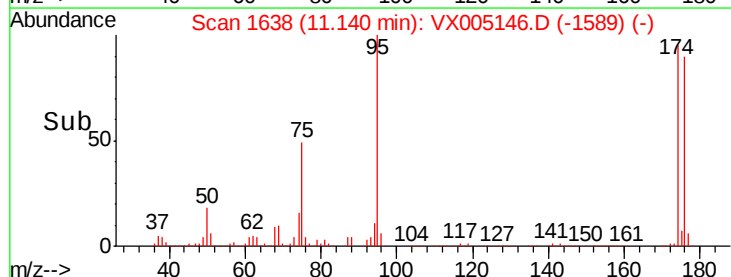
100000

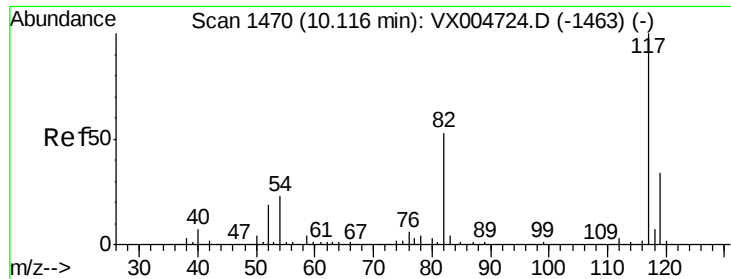
50000

0

Time-->

11.10 11.20

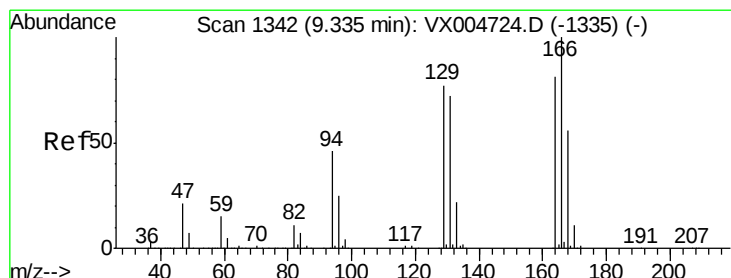
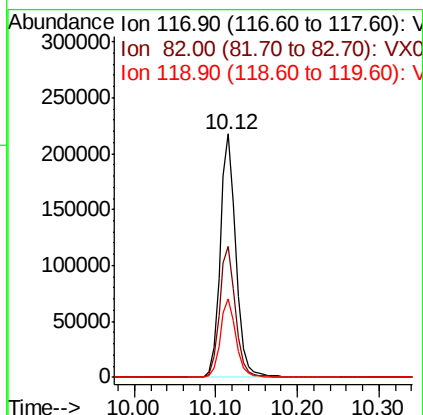
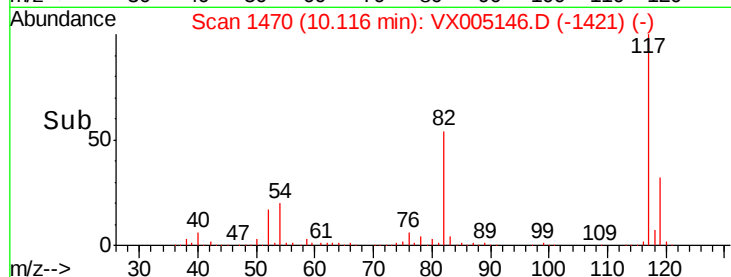
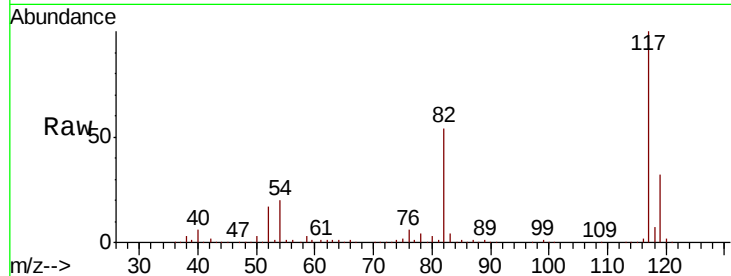




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005146.D
Acq: 09 Oct 2018 00:29

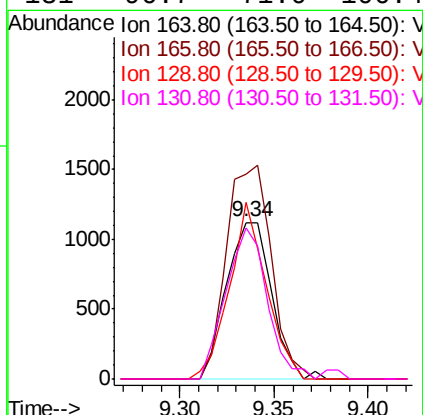
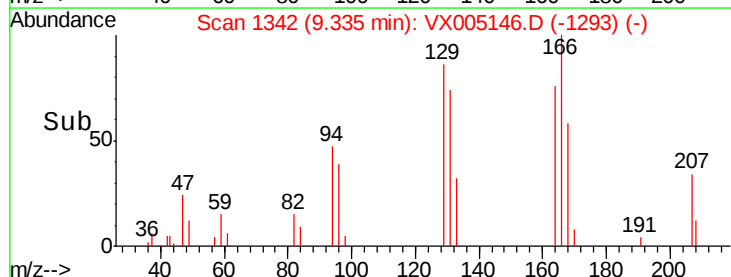
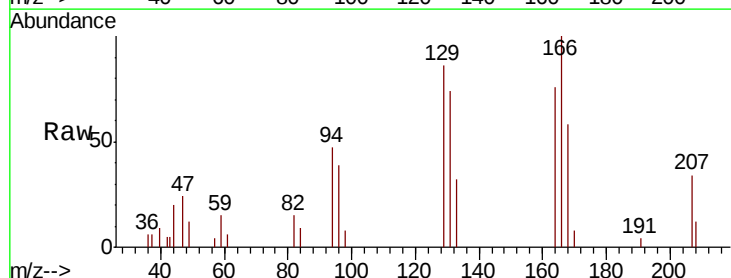
Instrument :
MSVOA_X
ClientSampled :
FA18-EX3DL

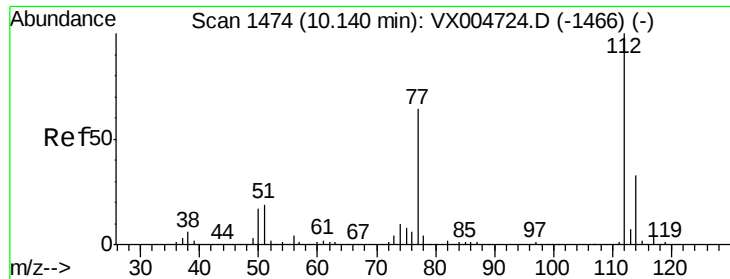
Tot Ion:117 Resp: 293106
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 32.2 27.4 41.0



#64
Tetrachloroethene
Concen: 0.649 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005146.D
Acq: 09 Oct 2018 00:29

Tgt Ion:164 Resp: 1871
Ion Ratio Lower Upper
164 100
166 131.1 98.4 147.6
129 113.0 76.1 114.1
131 96.7 71.0 106.4

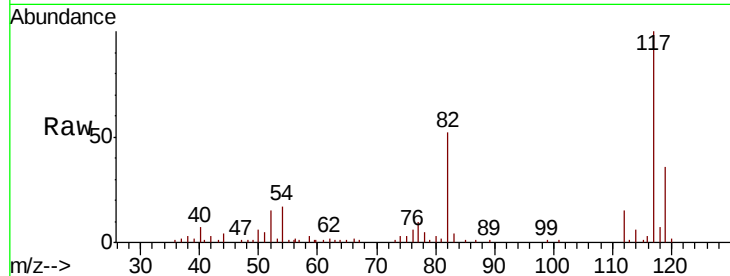




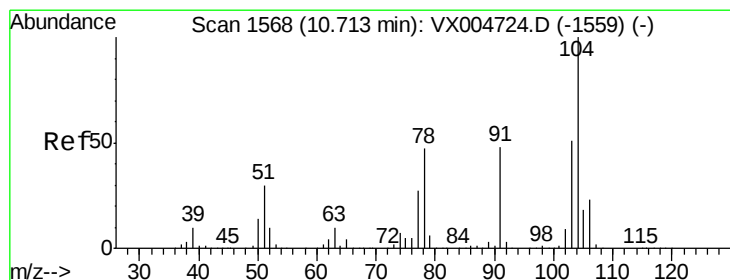
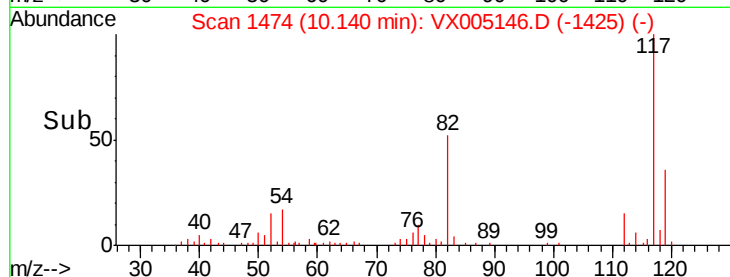
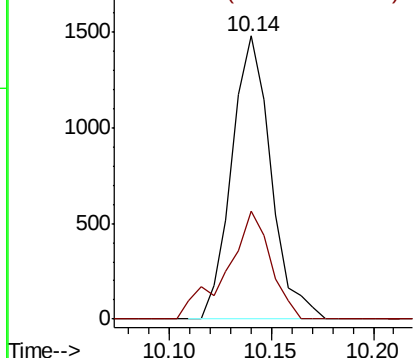
#65
Chlorobenzene
Concen: 0.262 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005146.D
Acq: 09 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampled :
FA18-EX3DL

Tot Ion:112 Resp: 1968
Ion Ratio Lower Upper
112 100
114 38.2 26.7 40.1

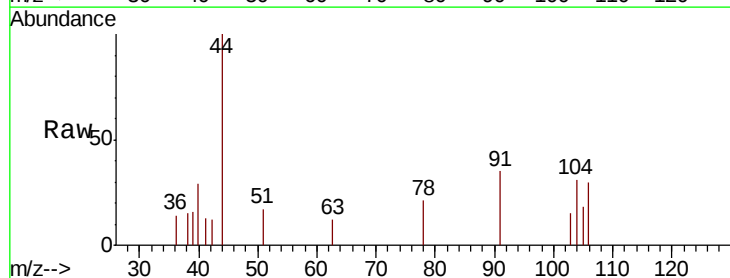


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

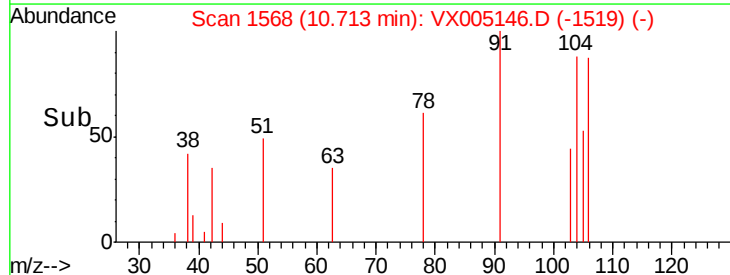
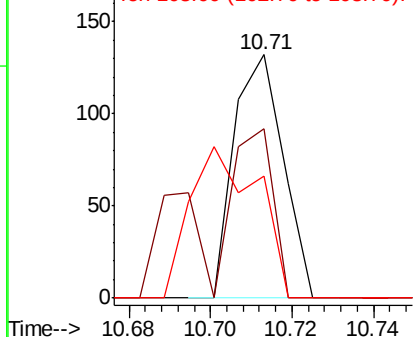


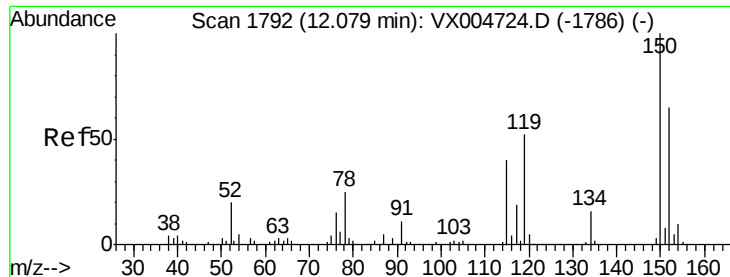
#70
Styrene
Concen: 2.154 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005146.D
Acq: 09 Oct 2018 00:29

Tgt Ion:104 Resp: 110
Ion Ratio Lower Upper
104 100
78 58.2 40.0 60.0
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampled :

FA18-EX3DL

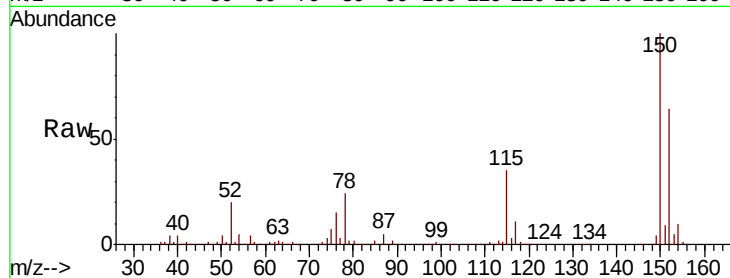
Tot Ion:152 Resp: 167232

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

150 157.4 0.0 351.0

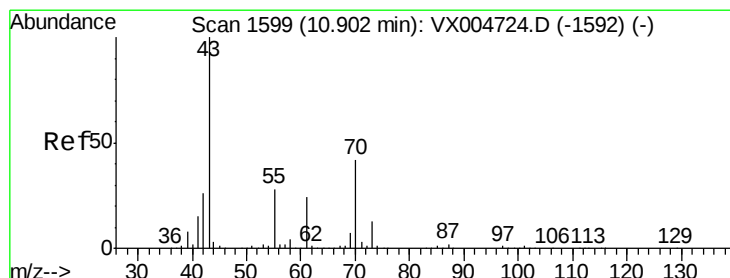
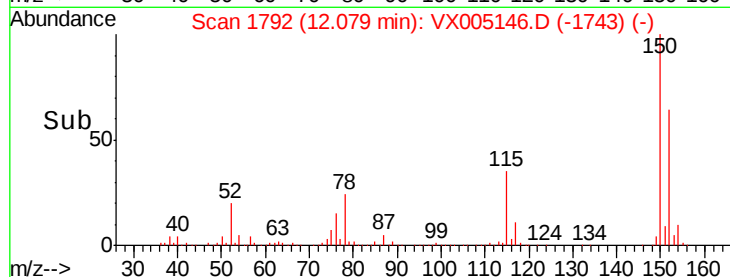
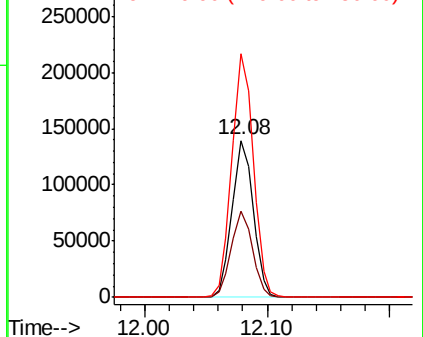


Abundance

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



#74

N-ethyl acetate

Concen: 1.752 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Tgt Ion: 43 Resp: 27

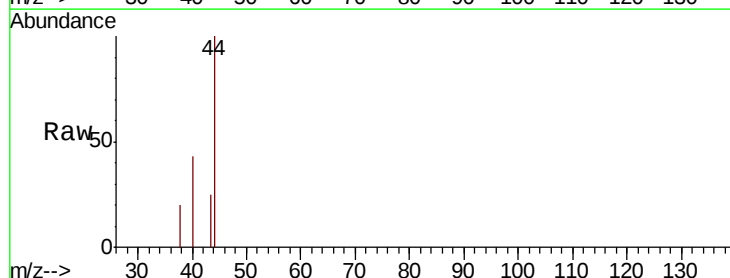
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#



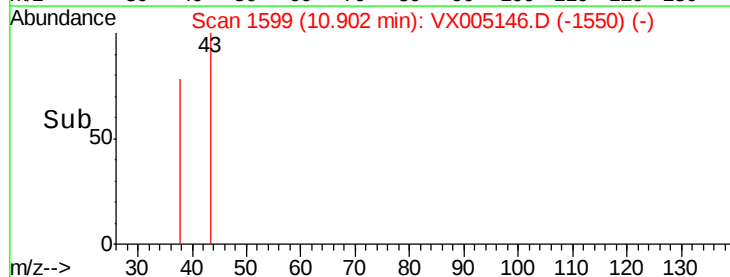
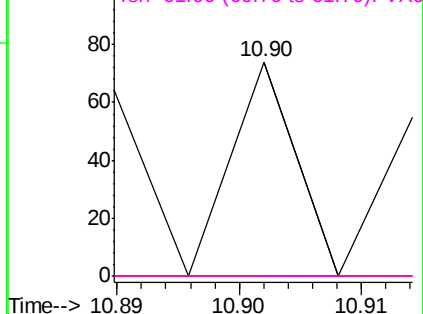
Abundance

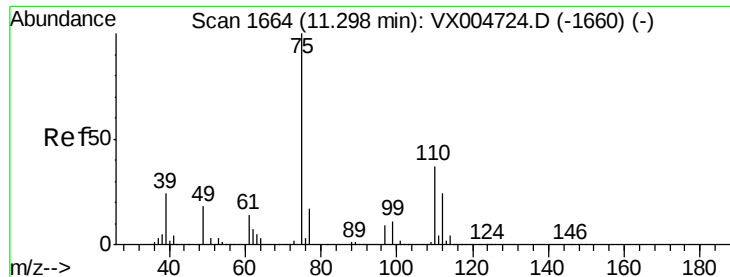
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

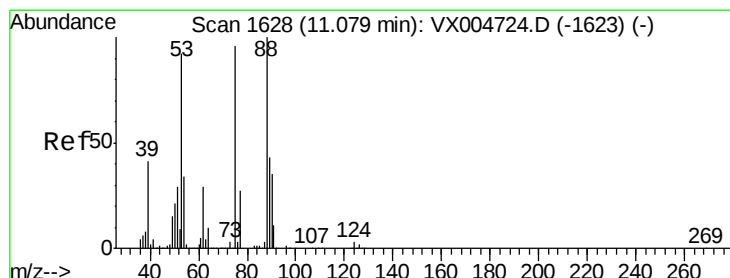
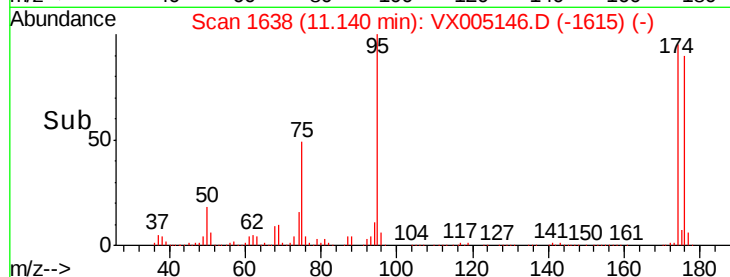
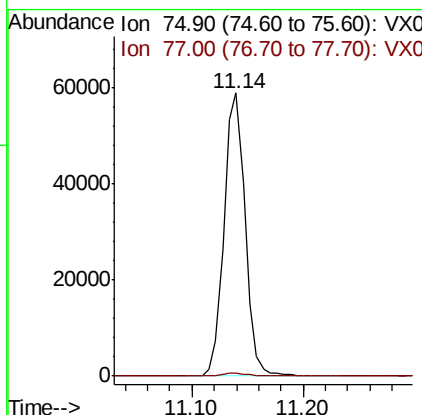
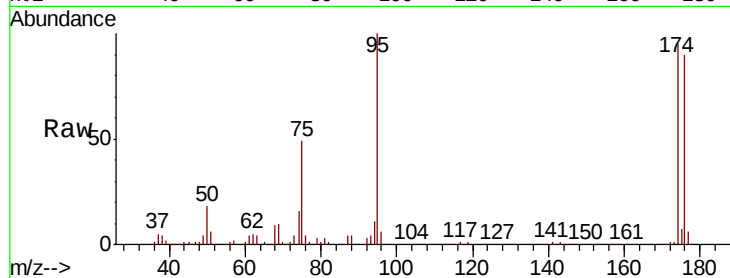




#76
 1,2,3-Trichloropropane
 Concen: 20.660 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005146.D
 Acq: 09 Oct 2018 00:29

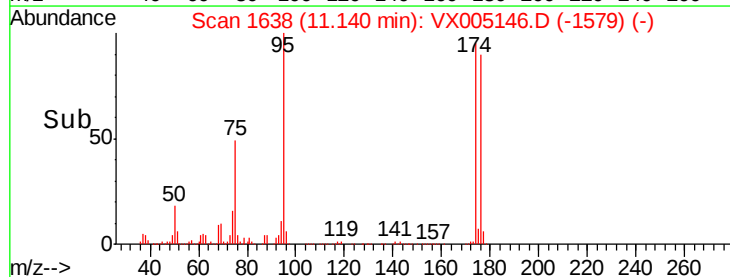
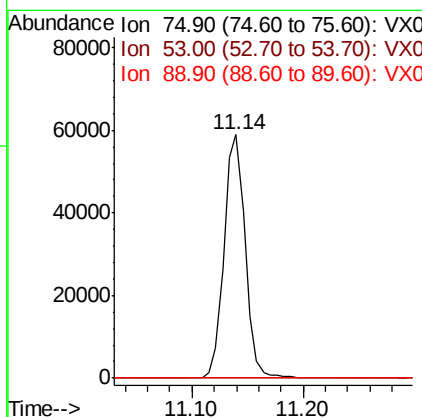
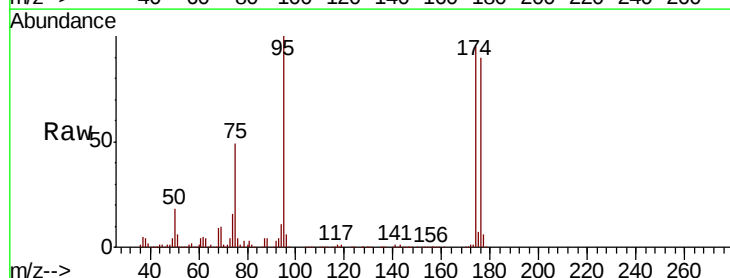
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3DL

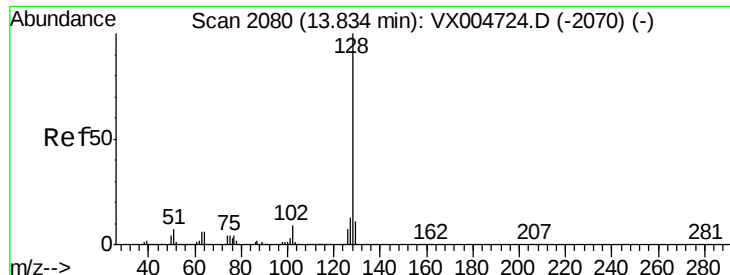
Tot Ion: 75 Resp: 77439
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.095 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005146.D
 Acq: 09 Oct 2018 00:29

Tgt Ion: 75 Resp: 77439
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.2 120.4#
 89 0.0 37.1 55.7#





#95

Naphthalene

Concen: 0.958 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005146.D

Acq: 09 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

FA18-EX3DL

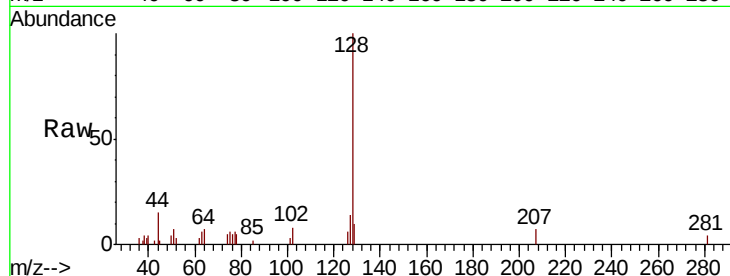
Tot Ion:128 Resp: 3363

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.3 8.7 13.1



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

