

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
 Data File : VX006095.D
 Acq On : 19 Nov 2018 17:00
 Operator : JC/MD
 Sample : J5951-01 10X
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(10-12)

Quant Time: Nov 20 00:02:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	148512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	215676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95015	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78802	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	67713	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	8.71	98	231871	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.14	95	89503	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds					Qvalue
11) Tert butyl alcohol	3.01	59	814	1.664 ug/l #	72
16) Acetone	2.45	43	563	0.612 ug/l #	45
18) Methyl Acetate	2.79	43	557	Below Cal #	62
20) Methylene Chloride	2.85	84	1235	0.818 ug/l	88
30) Chloroform	5.21	83	547	0.207 ug/l	88
31) Cyclohexane	5.59	56	3350	1.408 ug/l #	68
36) 1,1-Dichloropropene	5.66	75	9529	4.583 ug/l #	49
38) Carbon Tetrachloride	5.66	117	13054	6.271 ug/l #	15
39) Methylcyclohexane	7.46	83	40047	19.004 ug/l	94
43) Isopropyl Acetate	6.28	43	1391	0.351 ug/l #	63
45) 1,2-Dichloropropane	7.45	63	410	0.279 ug/l #	1
48) Methyl methacrylate	7.73	41	2782	1.564 ug/l #	57
51) 4-Methyl-2-Pentanone	8.66	43	8583	3.437 ug/l #	44
55) 1,1,2-Trichloroethane	9.16	97	24262	16.070 ug/l #	17
56) Ethyl methacrylate	9.16	69	5744	2.543 ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	135	8.384 ug/l #	48
59) 2-Hexanone	9.44	43	55080	25.026 ug/l #	31
73) Isopropylbenzene	11.02	105	29767	5.418 ug/l	99
74) N-amyl acetate	10.91	43	44626	15.364 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	21704	10.762 ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	41979	21.698 ug/l #	37
78) n-propylbenzene	11.36	91	63678	9.834 ug/l	99
79) 2-Chlorotoluene	11.36	91	63678	16.269 ug/l #	41
80) 1,3,5-Trimethylbenzene	11.46	105	2642	0.566 ug/l	79
81) trans-1,4-Dichloro-2-buten	11.14	75	41979	69.154 ug/l #	15
82) 4-Chlorotoluene	11.36	91	63678	13.804 ug/l #	45
83) tert-Butylbenzene	11.77	119	3938	0.834 ug/l	87
84) 1,2,4-Trimethylbenzene	11.67	105	21641	4.090 ug/l	79
85) sec-Butylbenzene	11.94	105	35697	6.180 ug/l	98
86) p-Isopropyltoluene	12.23	119	13957	2.728 ug/l	92
89) n-Butylbenzene	12.39	91	67895	14.317 ug/l #	78
90) Hexachloroethane	12.67	117	25302	29.619 ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	196	0.398 ug/l #	1
95) Naphthalene	13.83	128	9597	2.548 ug/l #	69

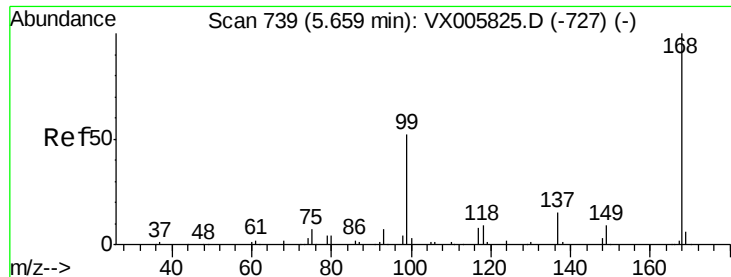
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.04	180	2541	1.190	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

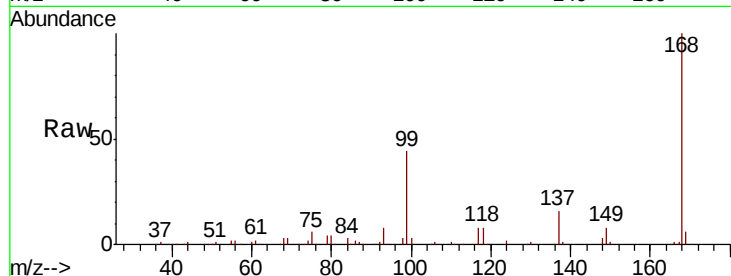
FDSB-02(10-12)

Tot Ion:168 Resp: 148512

Ion Ratio Lower Upper

168 100

99 44.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

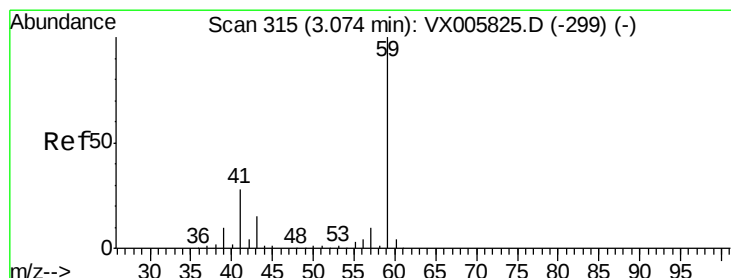
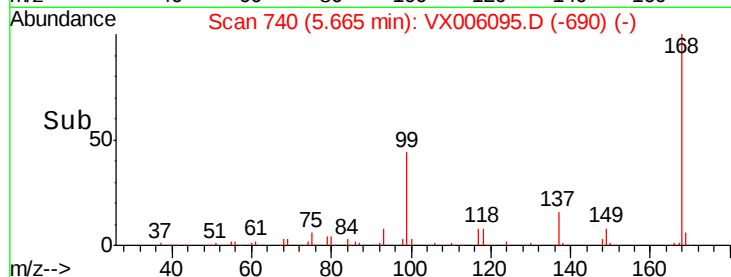
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.664 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.06 min

Lab File: VX006095.D

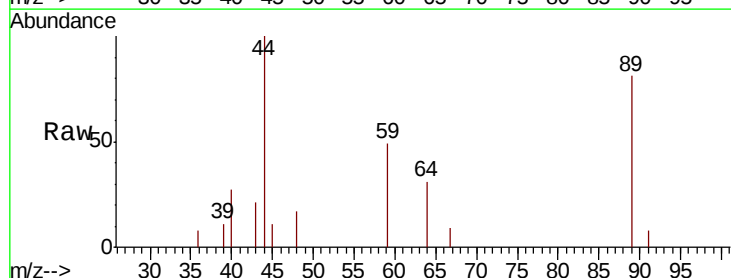
Acq: 19 Nov 2018 17:00

Tgt Ion: 59 Resp: 814

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

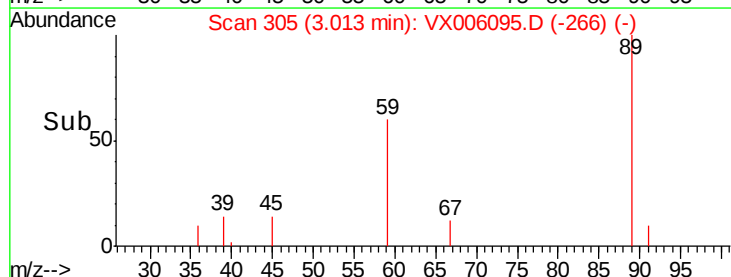
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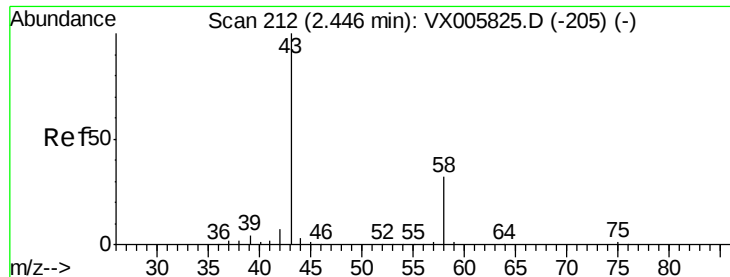
200

100

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 0.612 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

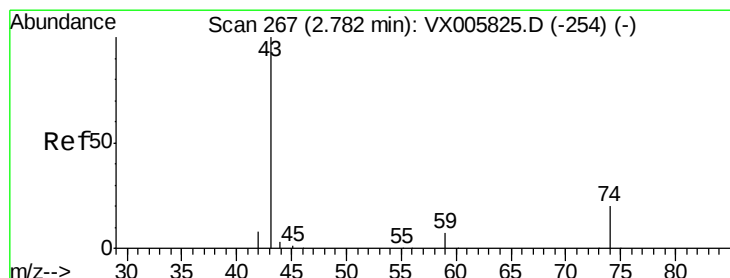
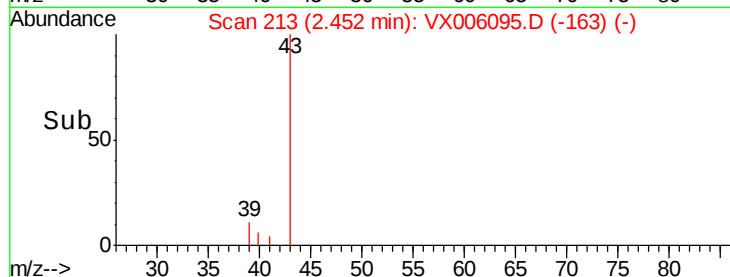
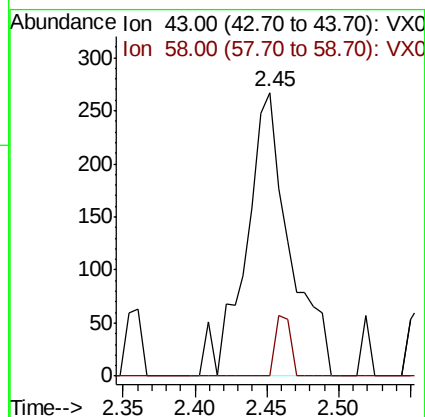
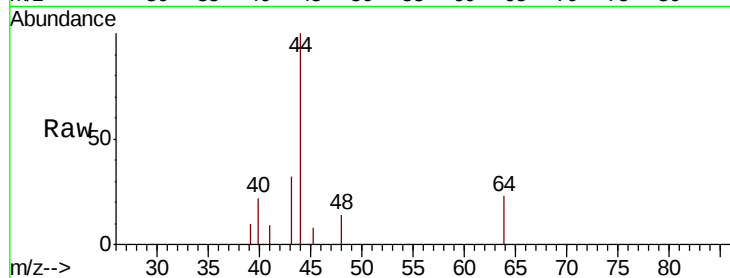
FDSB-02(10-12)

Tot Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX006095.D

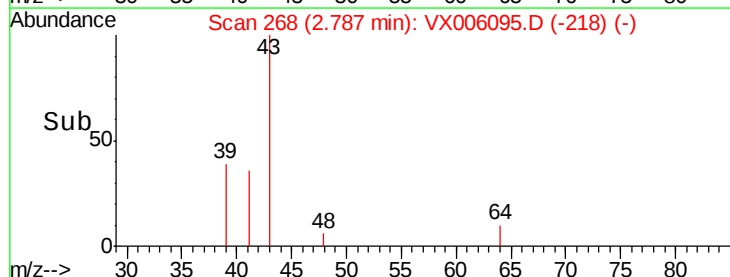
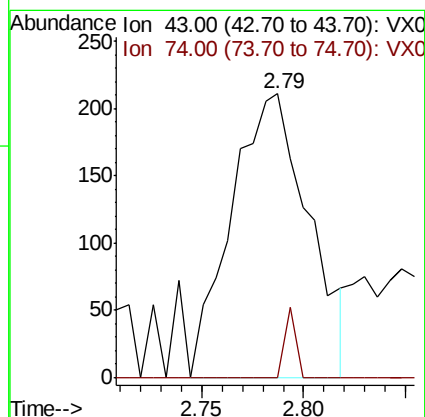
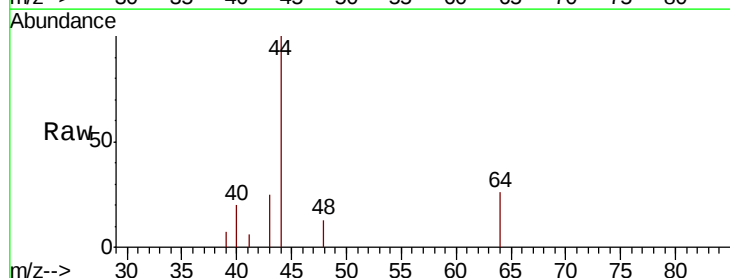
Acq: 19 Nov 2018 17:00

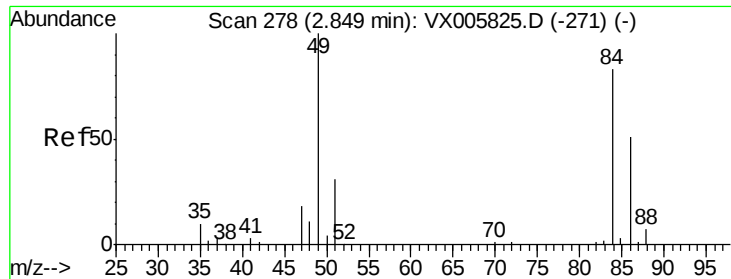
Tgt Ion: 43 Resp: 557

Ion Ratio Lower Upper

43 100

74 3.4 16.8 25.2#

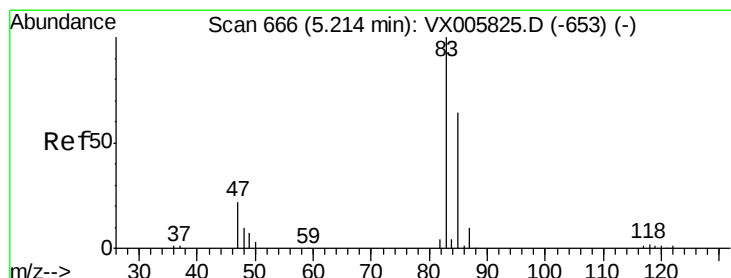
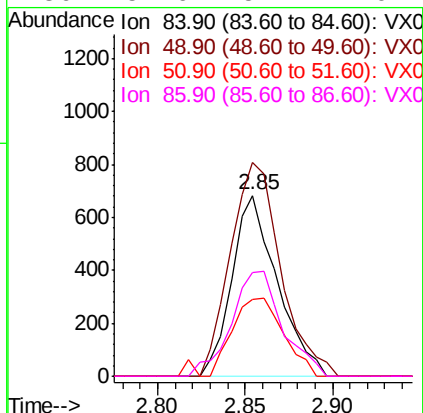
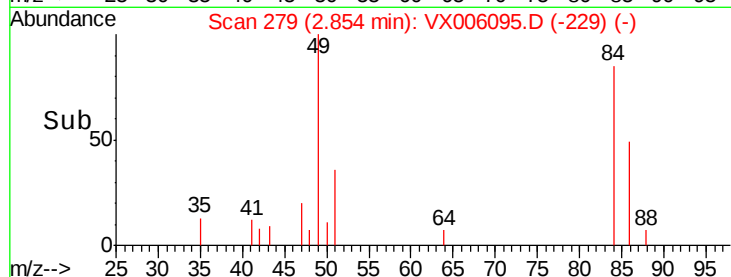
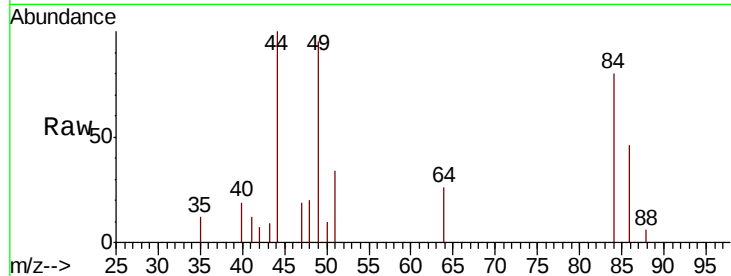




#20
Methvlene Chloride
Concen: 0.818 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

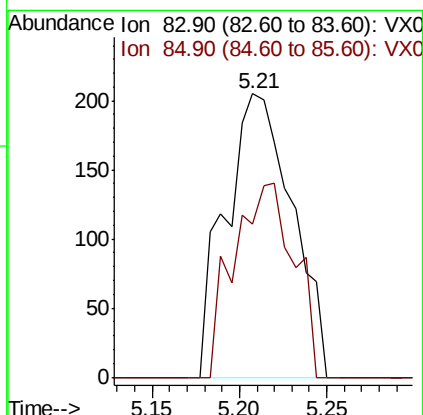
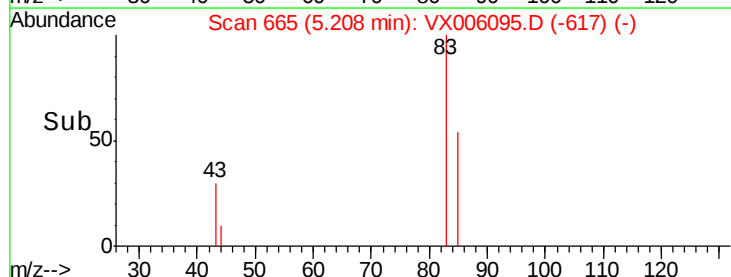
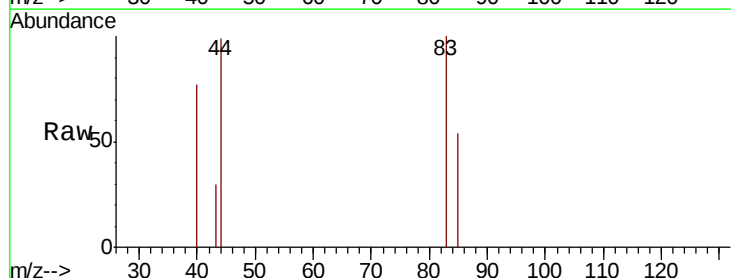
Instrument :
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FDSB-02(10-12)

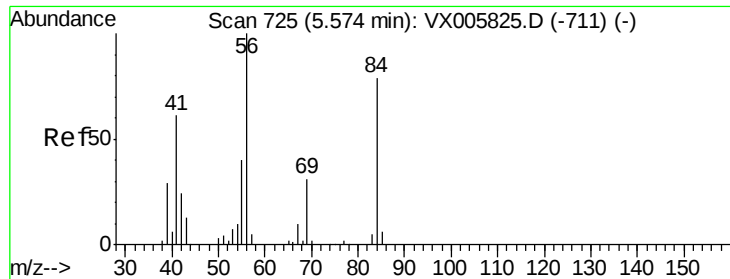
Tot Ion:	84	Resp:	1235
Ion	Ratio	Lower	Upper
84	100		
49	118.0	109.5	164.3
51	42.3	33.3	49.9
86	57.6	52.7	79.1



#30
Chloroform
Concen: 0.207 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Tgt Ion:	83	Resp:	547
Ion	Ratio	Lower	Upper
83	100		
85	54.1	50.6	76.0

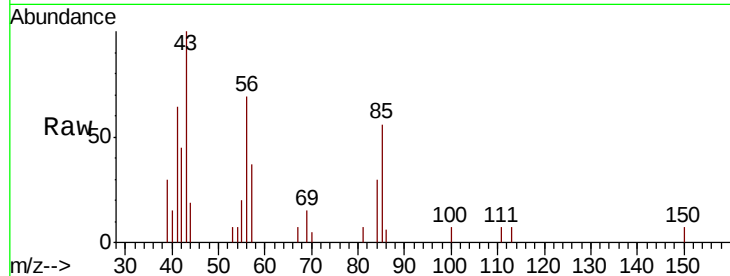




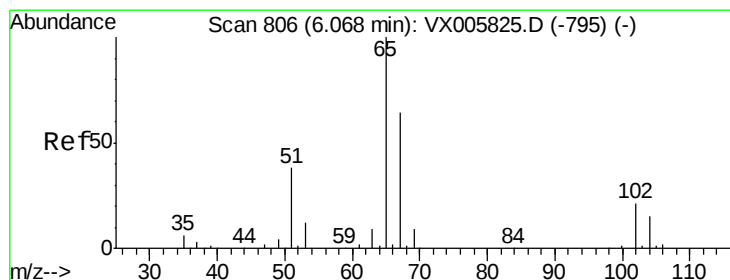
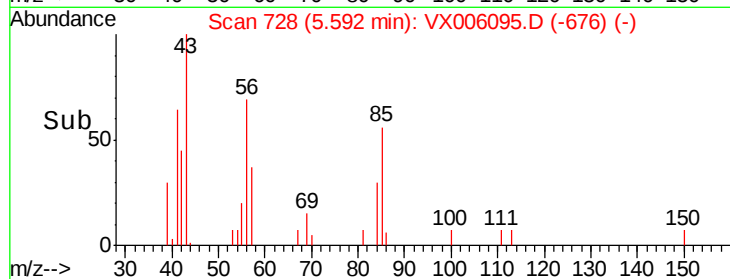
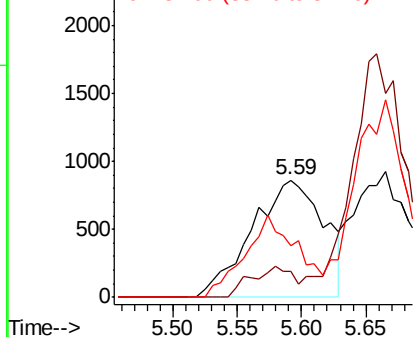
#31
Cvclohexane
Concen: 1.408 ug/l
RT: 5.59 min Scan# 728
Delta R.T. 0.02 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
FDSB-02(10-12)

Tot Ion: 56 Resp: 3350
Ion Ratio Lower Upper
56 100
69 22.2 22.6 34.0#
84 43.6 62.7 94.1#

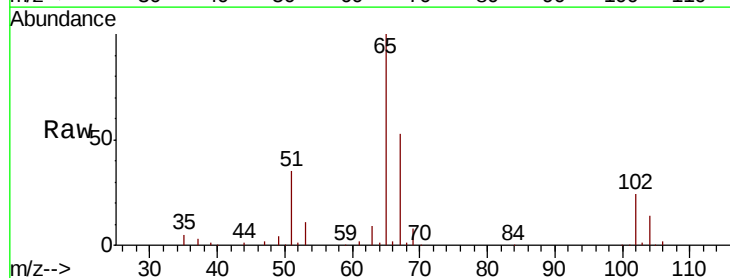


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

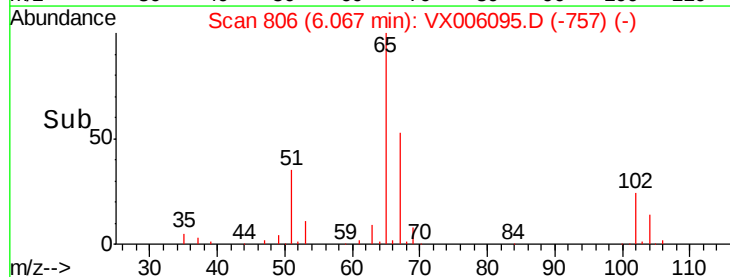
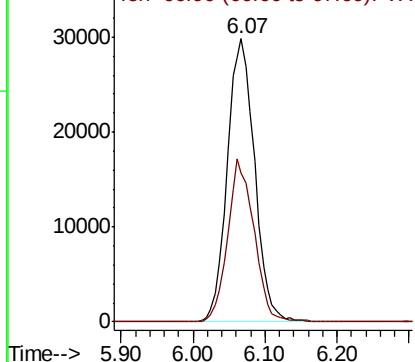


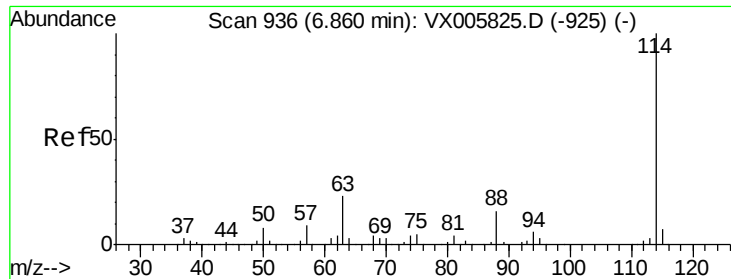
#33
1,2-Dichloroethane-d4
Concen: 46.155 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Tgt Ion: 65 Resp: 78802
Ion Ratio Lower Upper
65 100
67 55.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

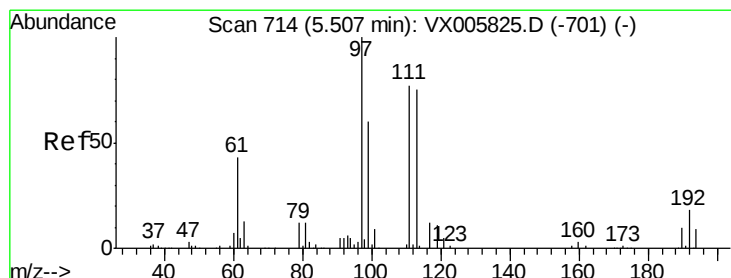
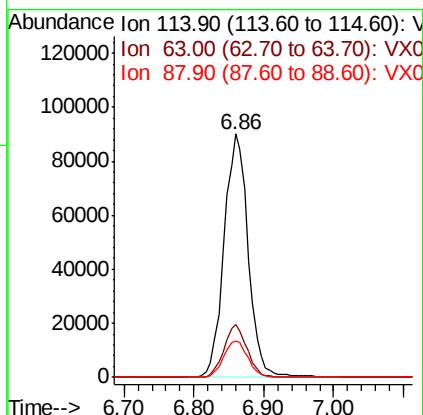
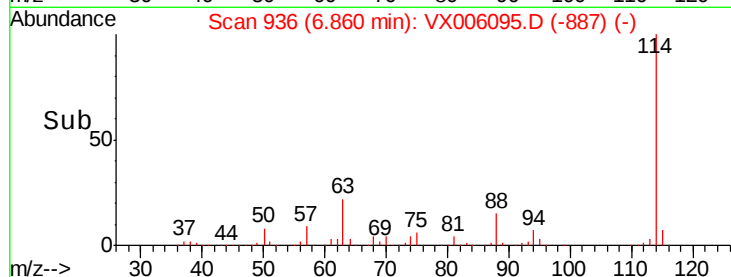
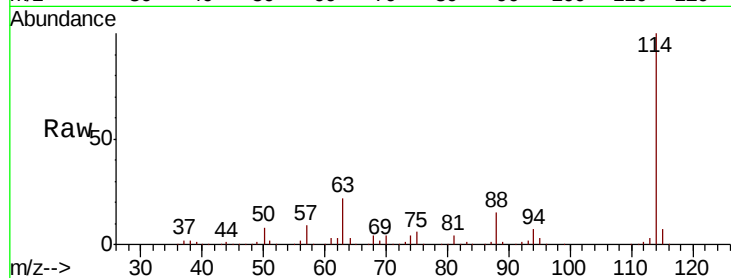




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

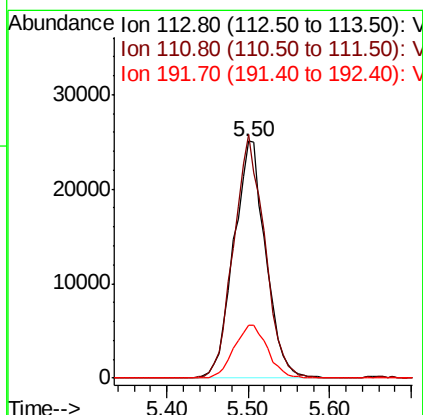
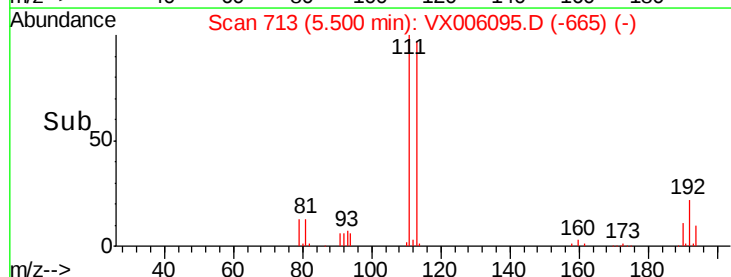
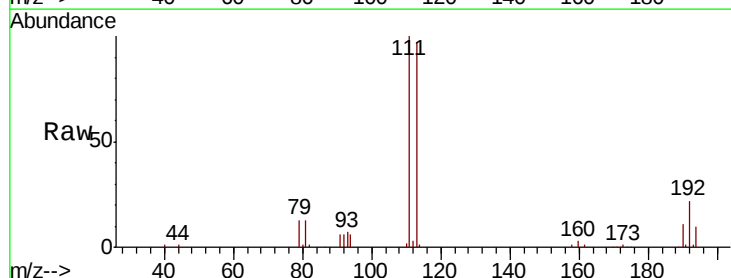
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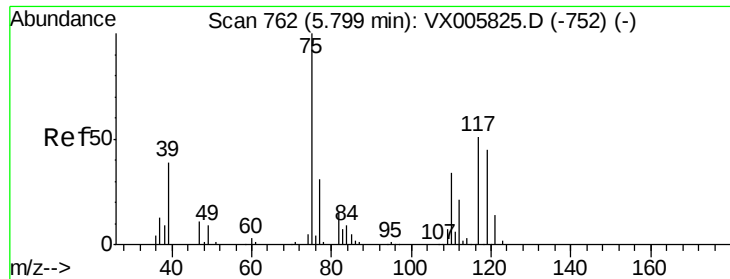
Tot Ion:114 Resp: 215676
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.8
88 15.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 46.160 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Tgt Ion:113 Resp: 67713
Ion Ratio Lower Upper
113 100
111 100.6 82.3 123.5
192 23.2 17.9 26.9

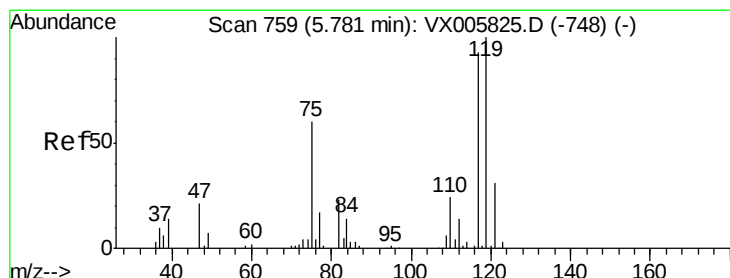
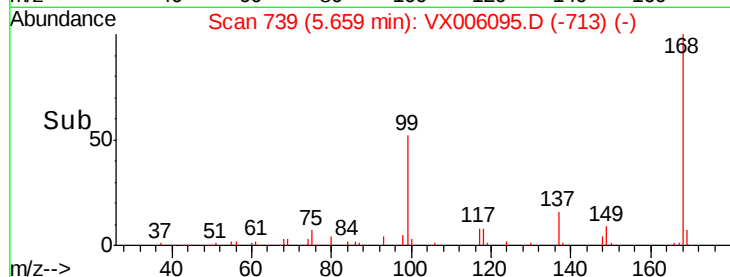
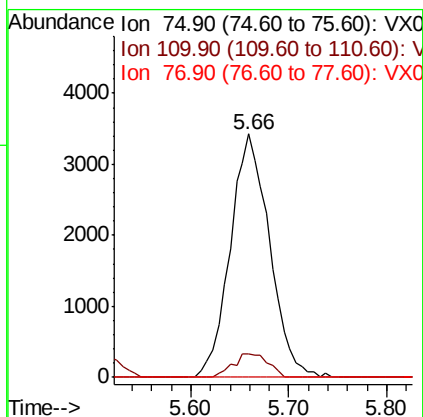
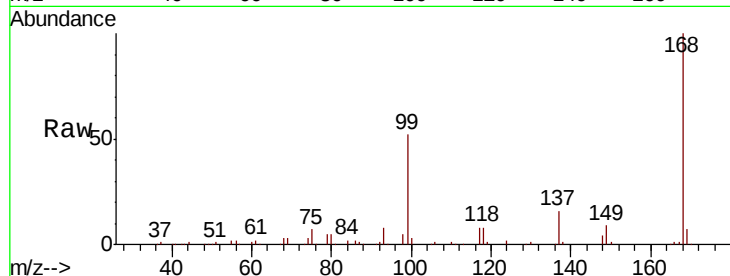




#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

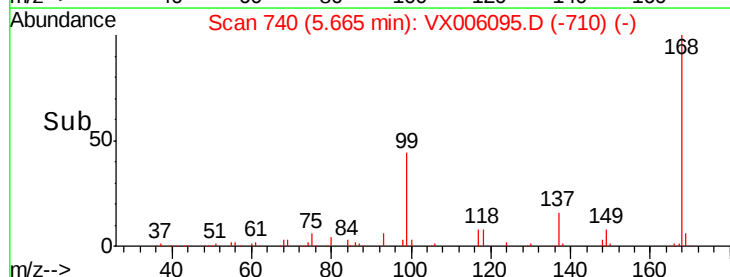
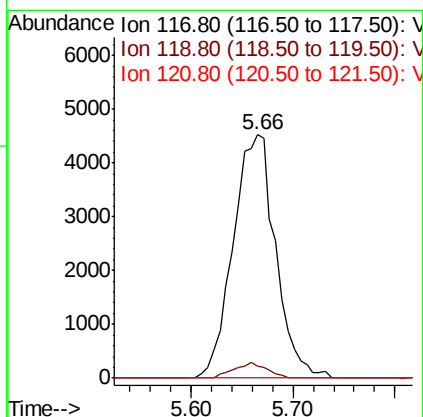
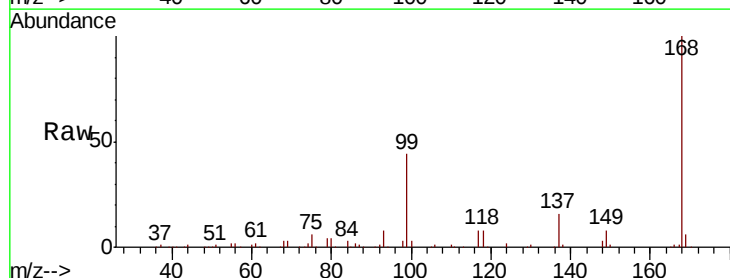
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 MSVOA_X
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 FDSB-02(10-12)

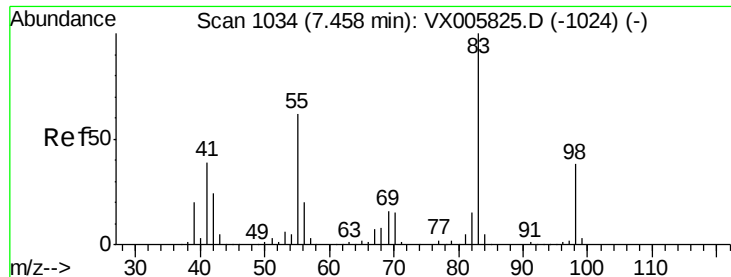
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.271 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.1	117.1#
121	0.0	24.6	36.8#

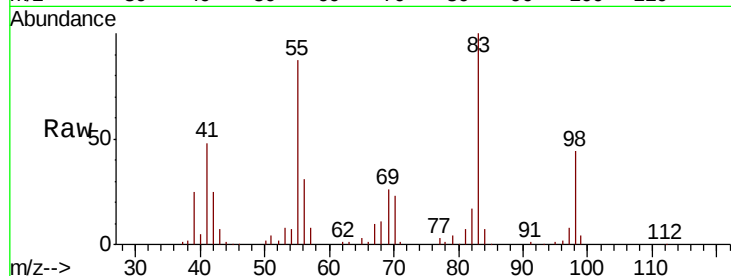




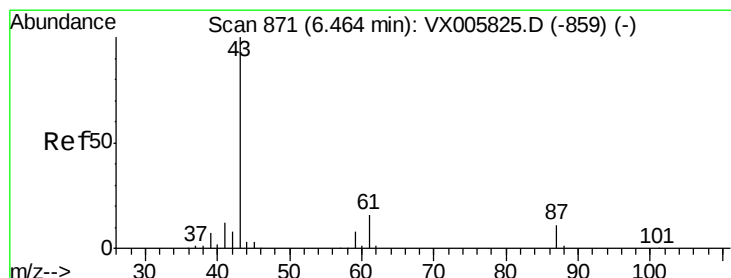
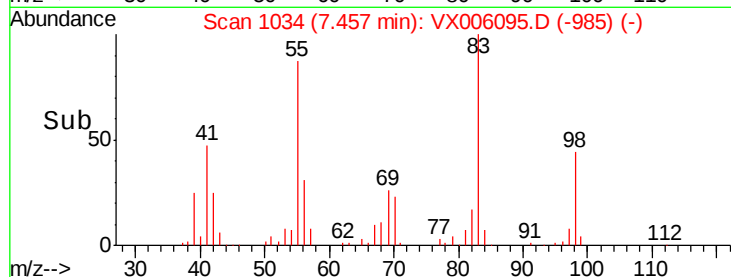
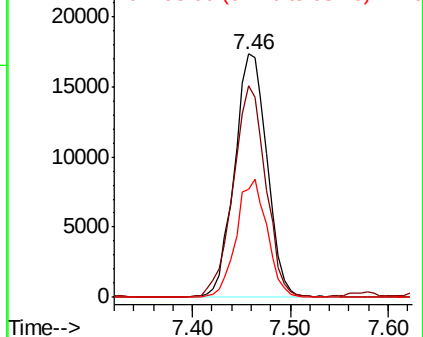
#39
Methylcyclohexane
Concen: 19.004 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
FDSB-02(10-12)

Tot Ion: 83 Resp: 40047
Ion Ratio Lower Upper
83 100
55 86.6 63.7 95.5
98 44.1 36.2 54.2

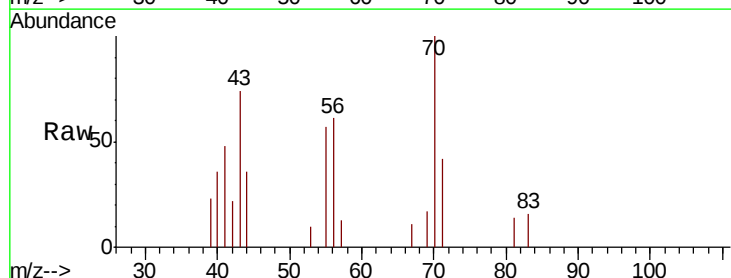


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

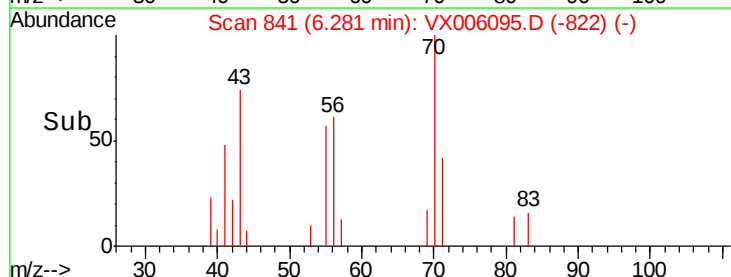
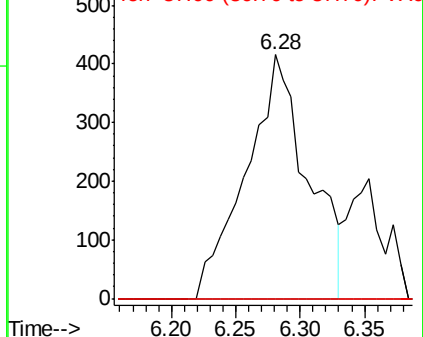


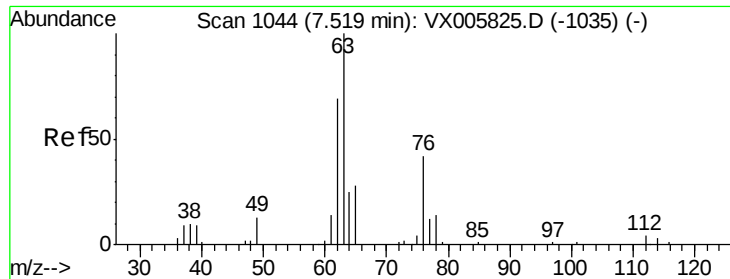
#43
Isopropyl Acetate
Concen: 0.351 ug/l
RT: 6.28 min Scan# 841
Delta R.T. -0.18 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
61 0.0 14.6 22.0#
87 0.0 9.6 14.4#



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





#45

1,2-Dichloropropane

Concen: 0.279 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

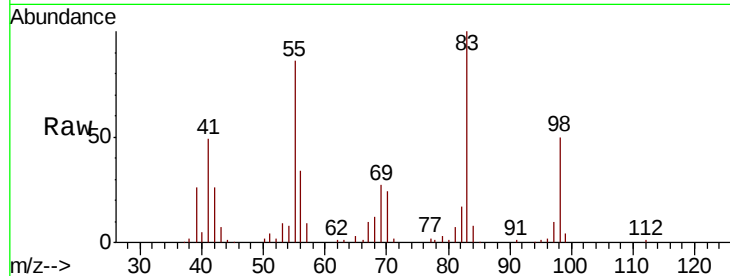
FDSB-02(10-12)

Tot Ion: 63 Resp: 410

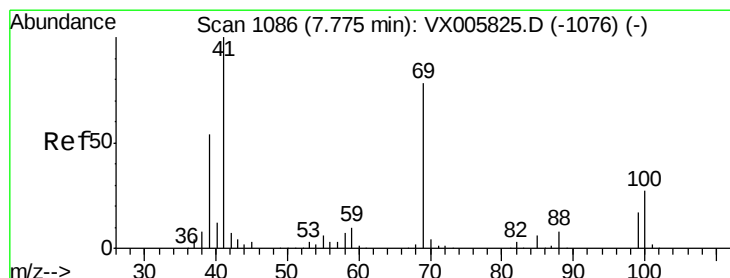
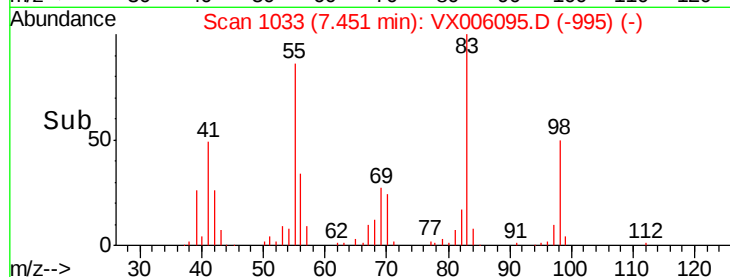
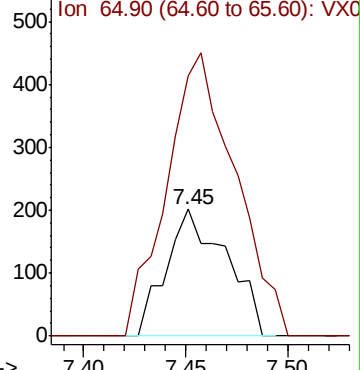
Ion Ratio Lower Upper

63 100

65 205.5 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0



#48

Methyl methacrylate

Concen: 1.564 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

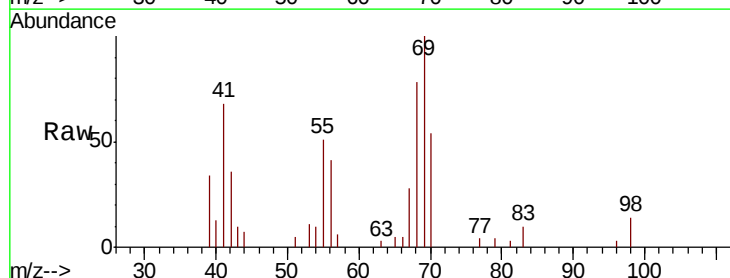
Tgt Ion: 41 Resp: 2782

Ion Ratio Lower Upper

41 100

69 139.0 63.2 94.8#

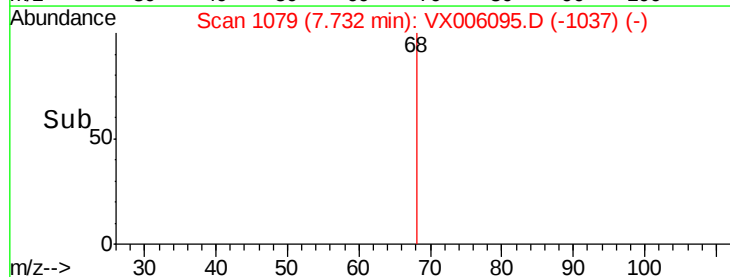
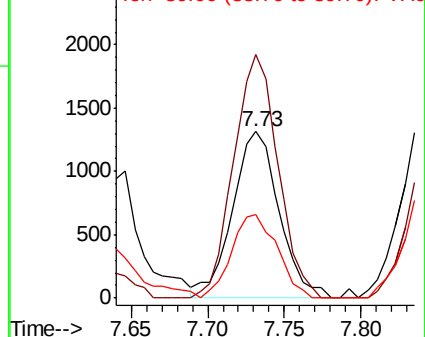
39 49.0 42.2 63.2

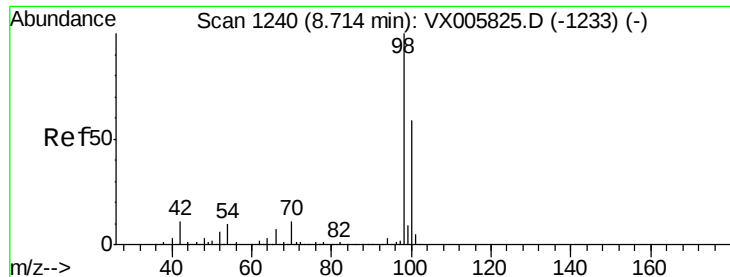


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 47.545 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

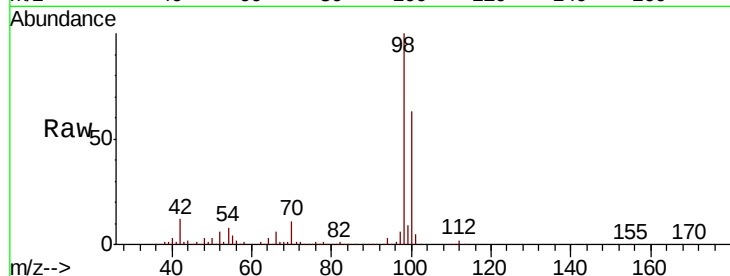
FDSB-02(10-12)

Tot Ion: 98 Resp: 231871

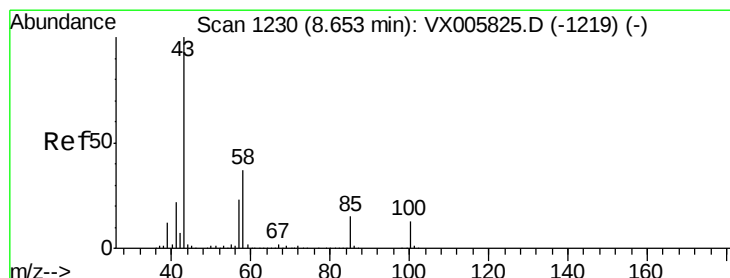
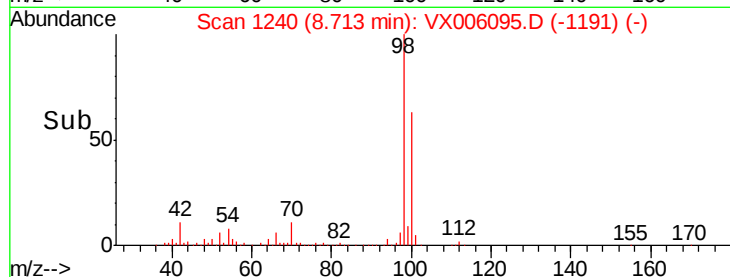
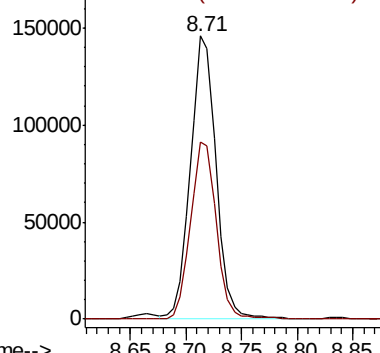
Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX006095.D (-1191) (-)



#51

4-Methyl-2-Pentanone

Concen: 3.437 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX006095.D

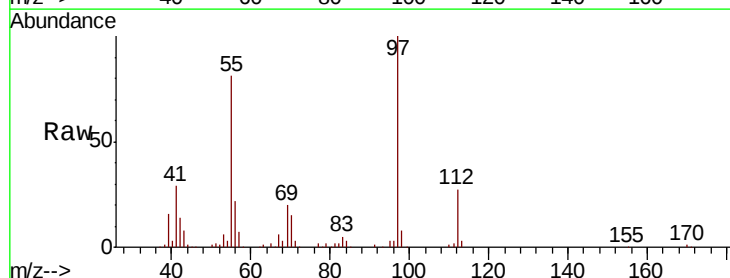
Acq: 19 Nov 2018 17:00

Tgt Ion: 43 Resp: 8583

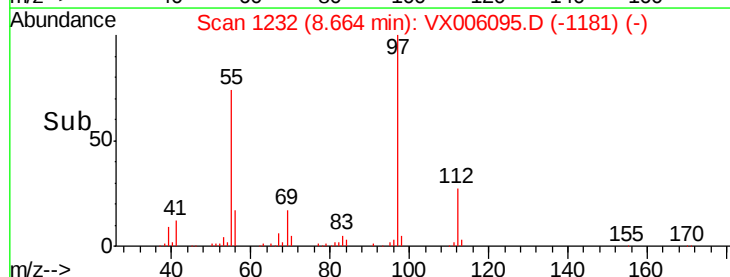
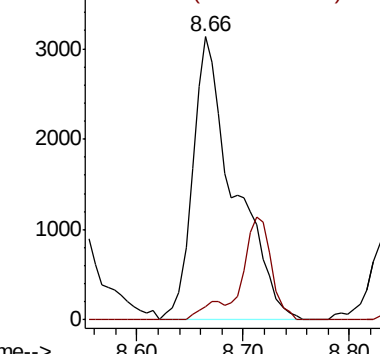
Ion Ratio Lower Upper

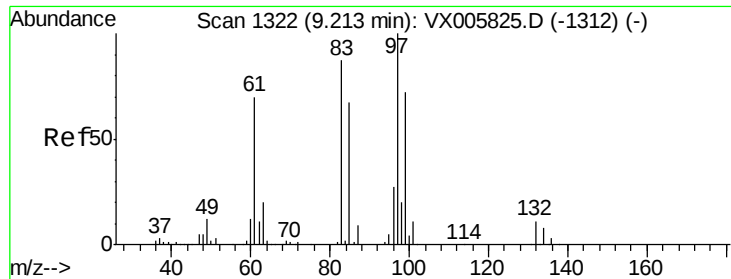
43 100

58 3.9 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX006095.D (-1181) (-)

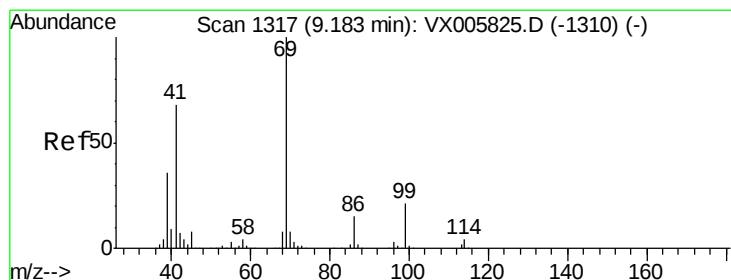
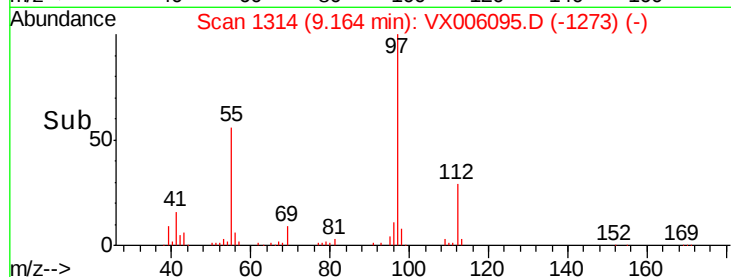
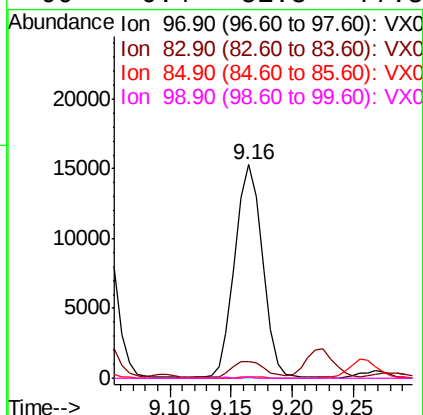
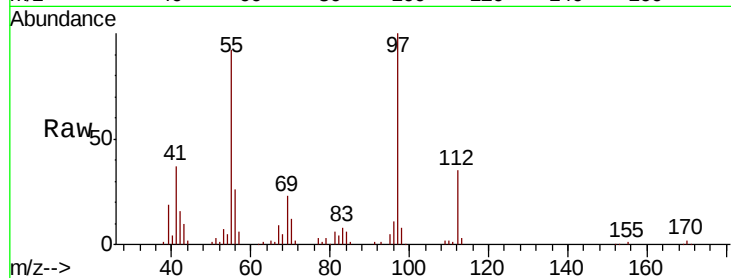




#55
 1,1,2-Trichloroethane
 Concen: 16.070 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

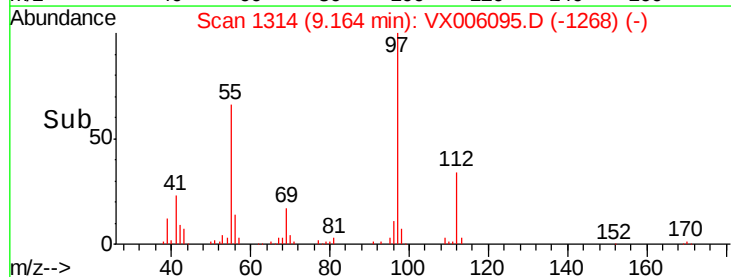
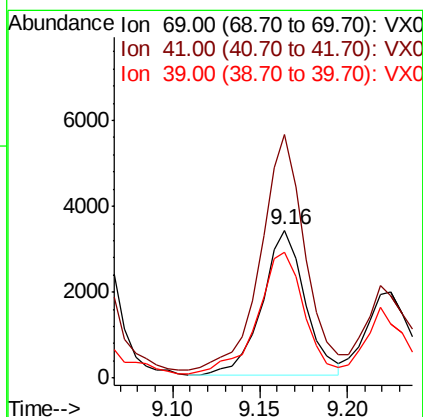
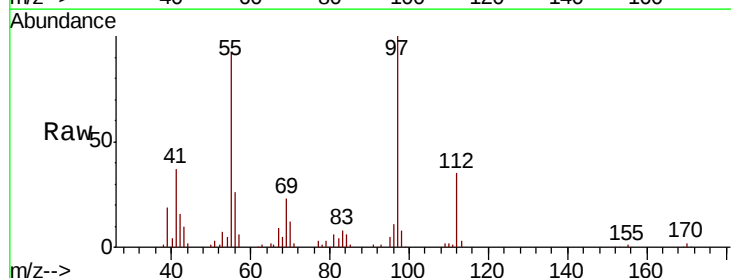
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(10-12)

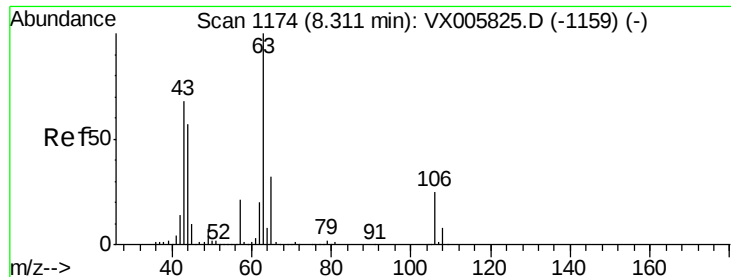
Tot Ion: 97 Resp: 24262
 Ion Ratio Lower Upper
 97 100
 83 7.3 70.7 106.1#
 85 0.6 45.8 68.6#
 99 0.4 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 2.543 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

Tgt Ion: 69 Resp: 5744
 Ion Ratio Lower Upper
 69 100
 41 167.2 57.0 85.6#
 39 90.4 28.3 42.5#

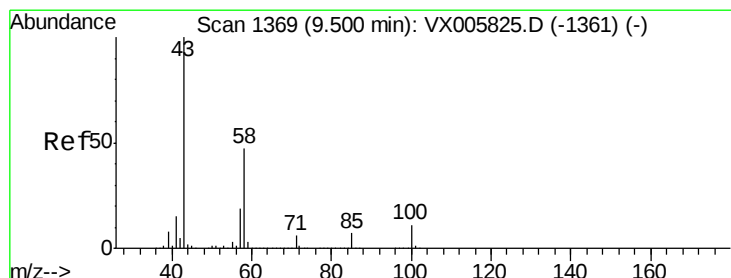
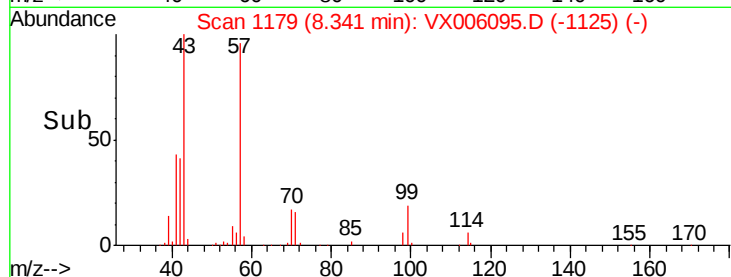
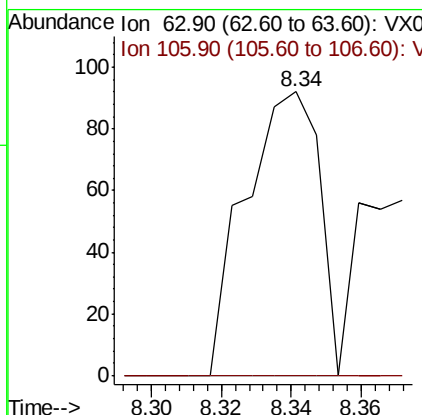
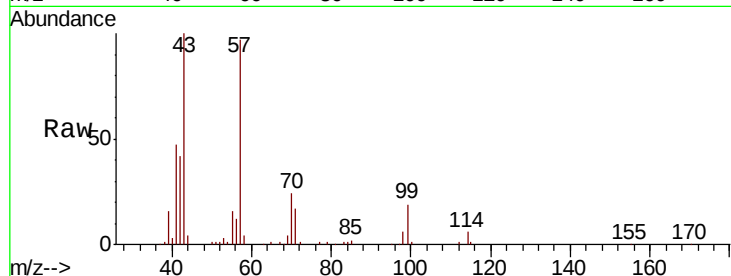




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.384 ug/l
 RT: 8.34 min Scan# 1179
 Delta R.T. 0.03 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

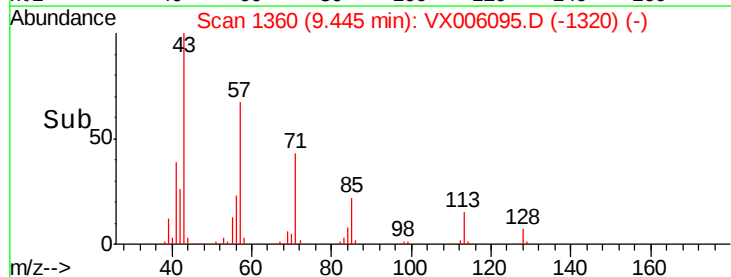
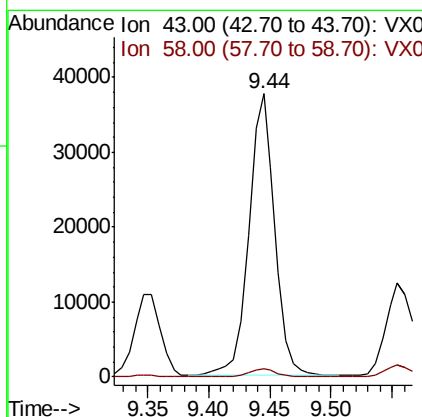
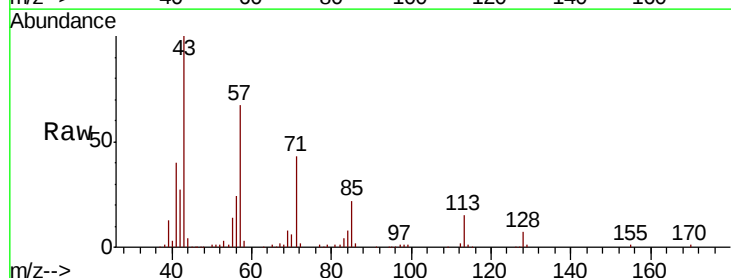
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(10-12)

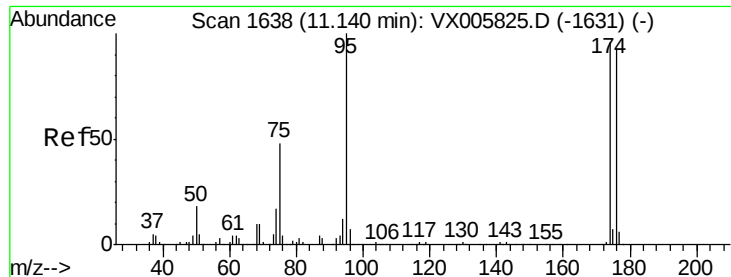
Tot Ion: 63 Resp: 135
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#59
 2-Hexanone
 Concen: 25.026 ug/l
 RT: 9.44 min Scan# 1360
 Delta R.T. -0.06 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

Tgt Ion: 43 Resp: 55080
 Ion Ratio Lower Upper
 43 100
 58 3.1 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 51.045 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

FDSB-02(10-12)

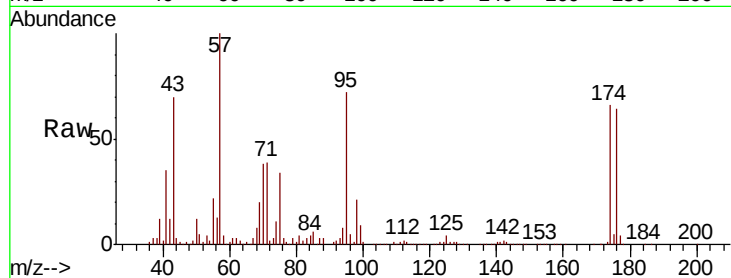
Tot Ion: 95 Resp: 89503

Ion Ratio Lower Upper

95 100

174 88.2 0.0 184.4

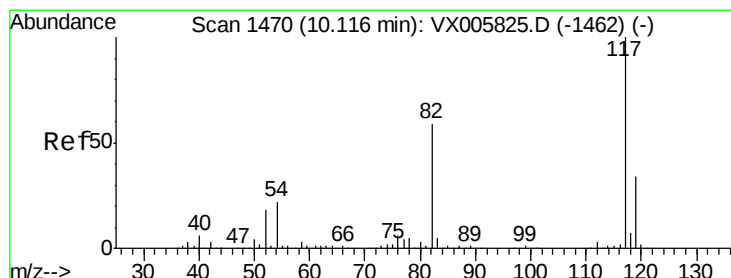
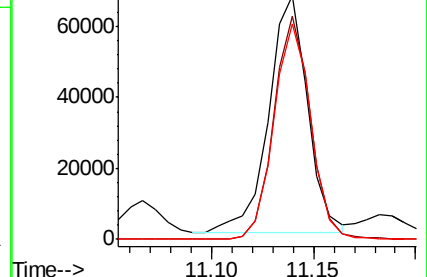
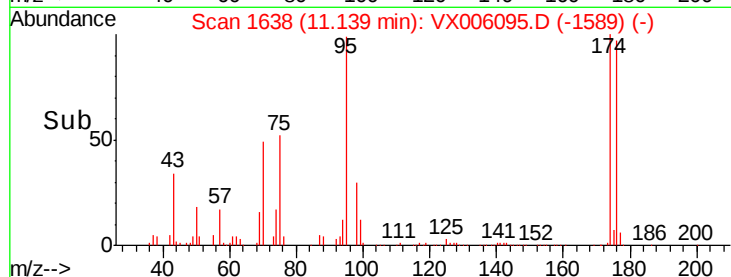
176 86.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX006095.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006095.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006095.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

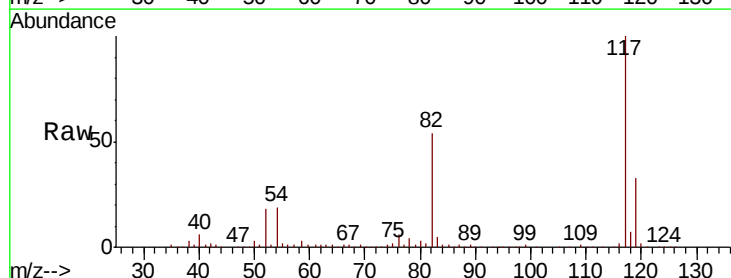
Tgt Ion: 117 Resp: 174349

Ion Ratio Lower Upper

117 100

82 53.6 44.1 66.1

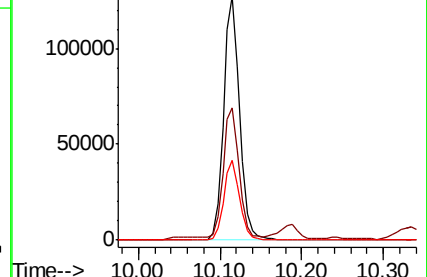
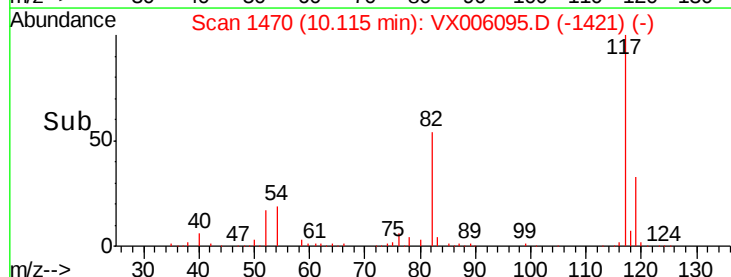
119 32.9 26.2 39.2

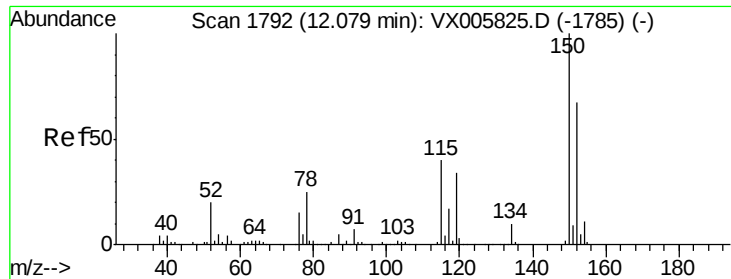


Abundance Ion 116.90 (116.60 to 117.60): VX006095.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006095.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006095.D (-1421) (-)



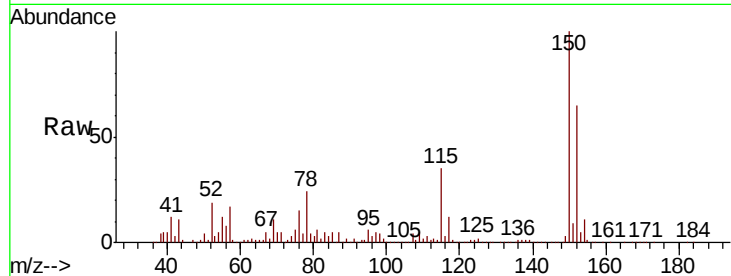


#72

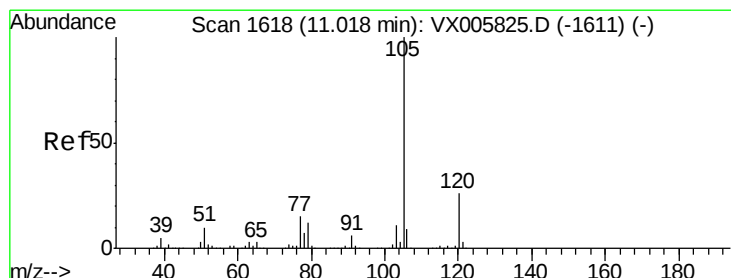
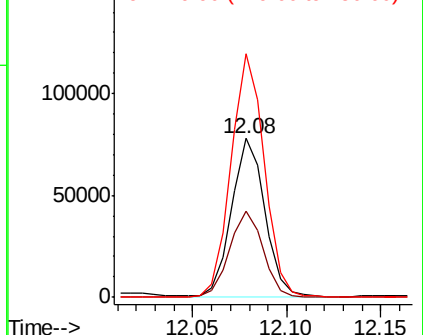
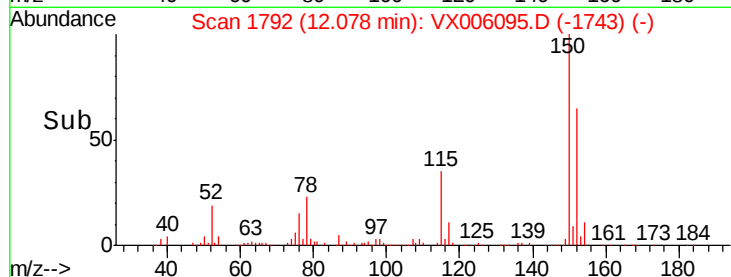
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
FDSB-02(10-12)

Tot Ion:152 Resp: 95015
Ion Ratio Lower Upper
152 100
115 54.4 39.4 118.1
150 153.3 0.0 346.4



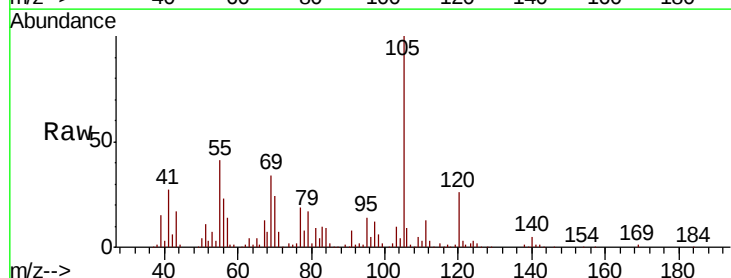
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



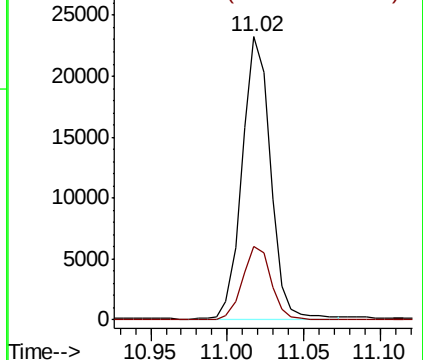
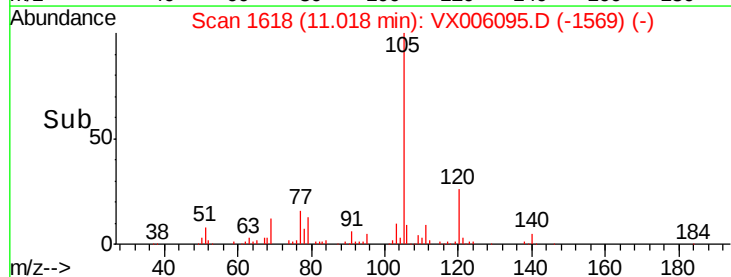
#73

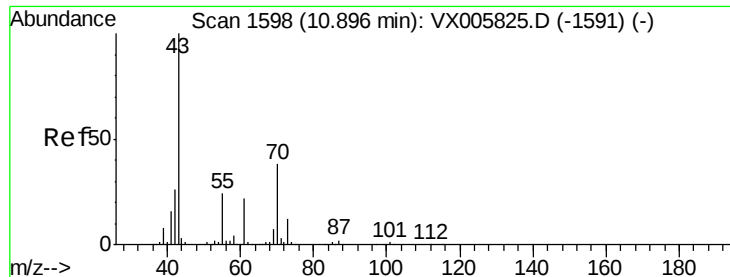
Isopropylbenzene
Concen: 5.418 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Tgt Ion:105 Resp: 29767
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 15.364 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

FDSB-02(10-12)

Tot Ion: 43 Resp: 44626

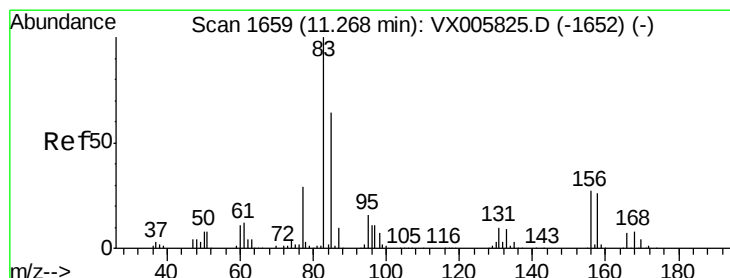
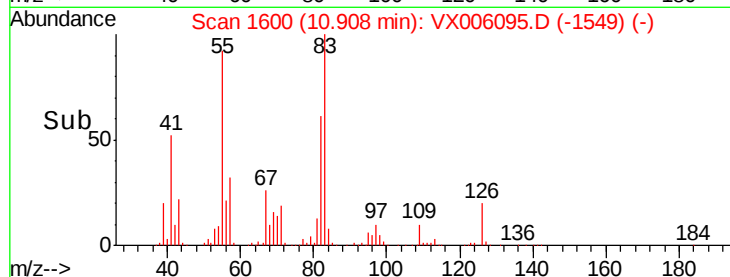
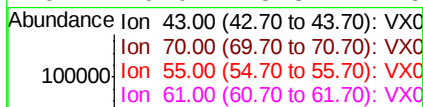
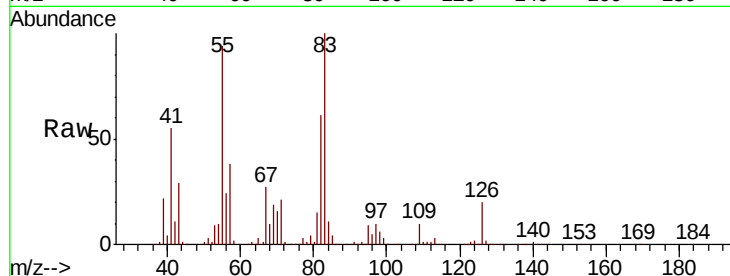
Ion Ratio Lower Upper

43 100

70 70.8 31.6 47.4#

55 280.6 19.7 29.5#

61 0.0 18.3 27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 10.762 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

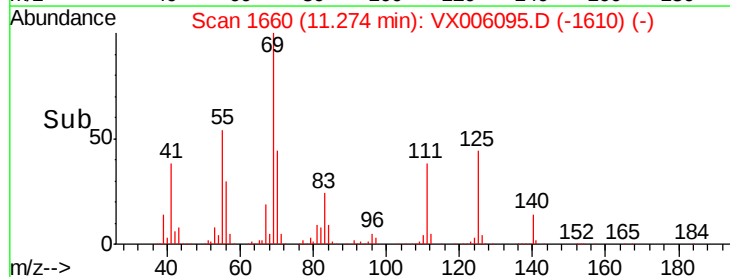
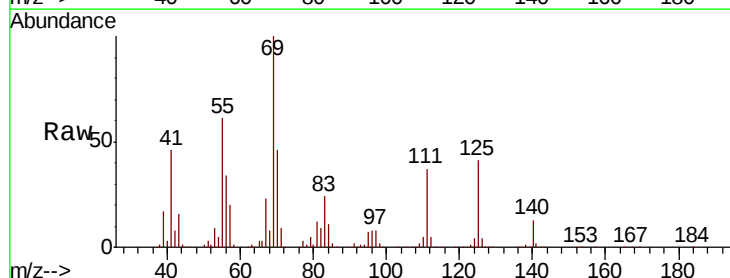
Tgt Ion: 83 Resp: 21704

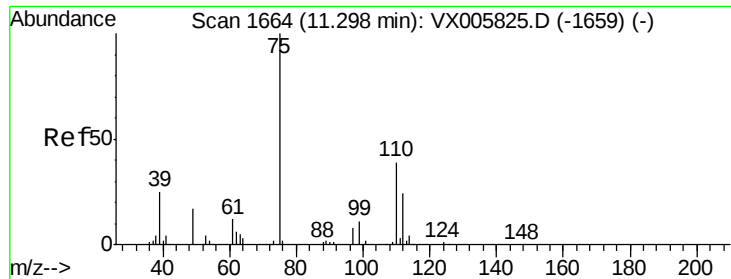
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.0 96.2#

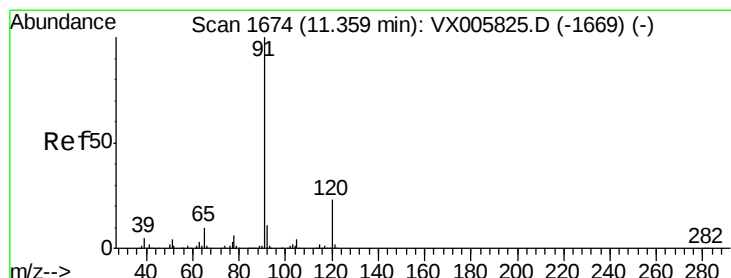
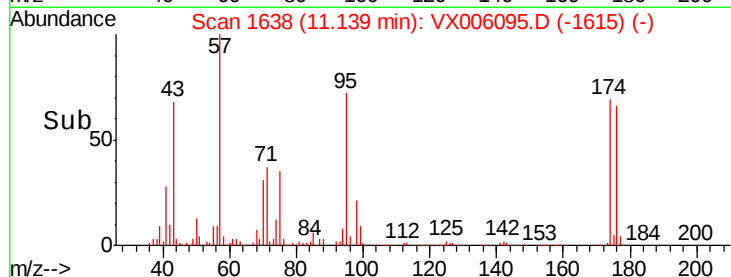
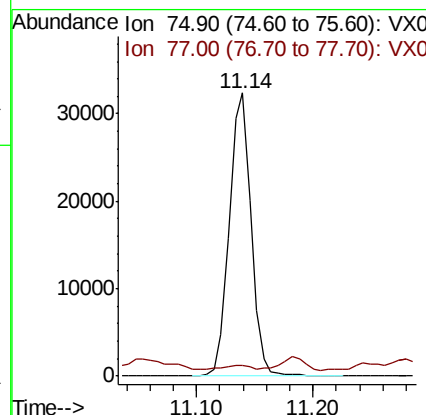
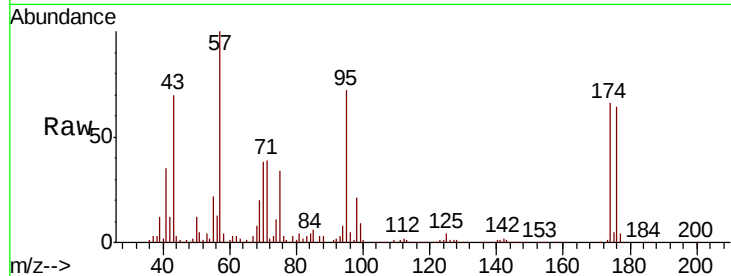




#76
 1,2,3-Trichloropropane
 Concen: 21.698 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

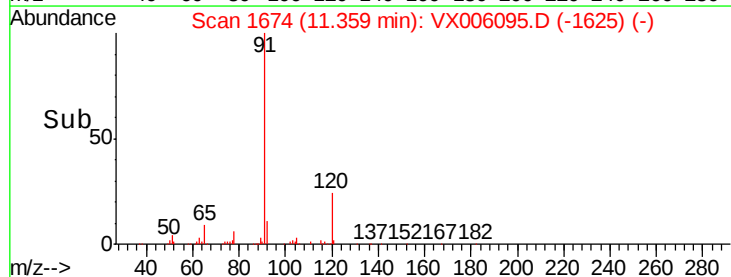
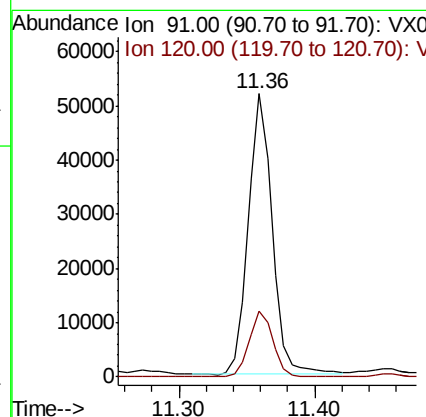
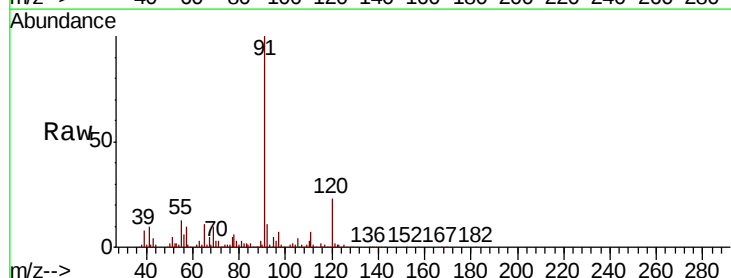
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(10-12)

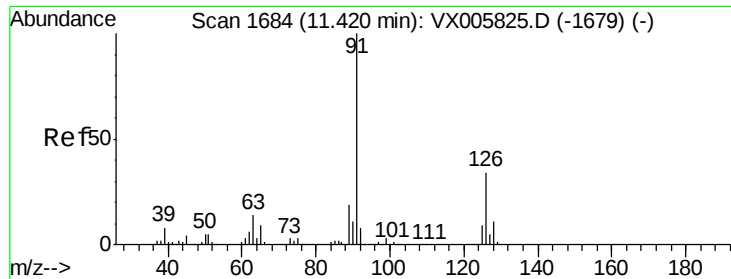
Tot Ion: 75 Resp: 41979
 Ion Ratio Lower Upper
 75 100
 77 1.8 20.5 61.6#



#78
 n-propylbenzene
 Concen: 9.834 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

Tgt Ion: 91 Resp: 63678
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 16.269 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

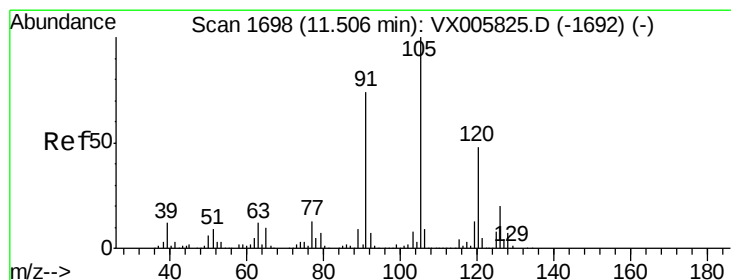
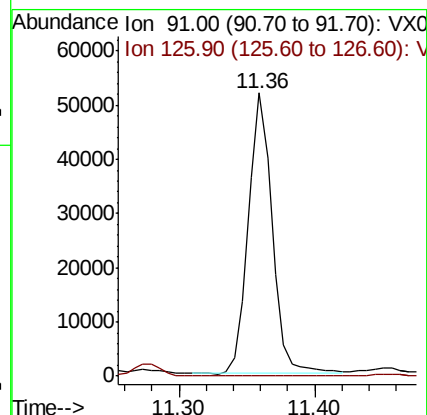
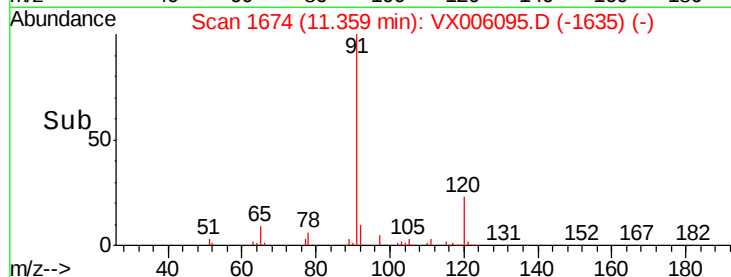
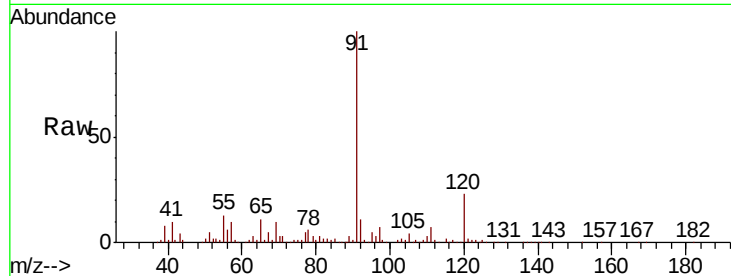
FDSB-02(10-12)

Tot Ion: 91 Resp: 63678

Ion Ratio Lower Upper

91 100

126 0.4 17.3 52.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.566 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. -0.05 min

Lab File: VX006095.D

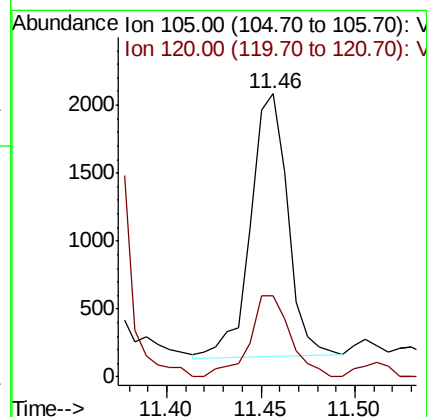
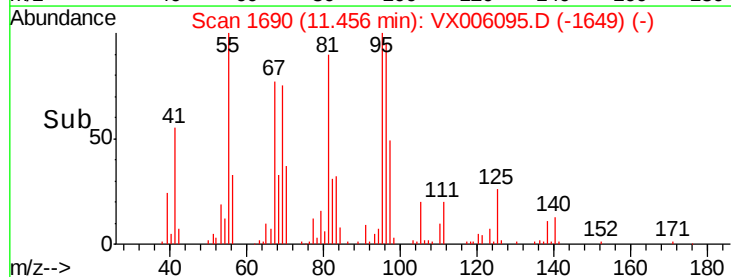
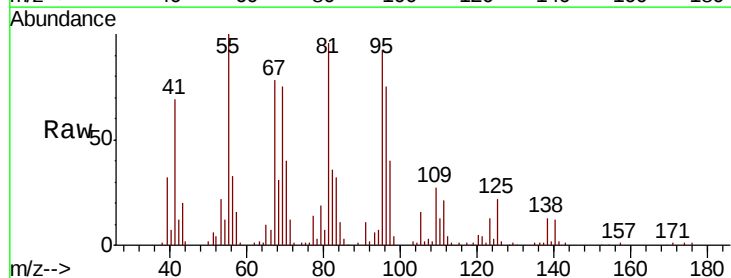
Acq: 19 Nov 2018 17:00

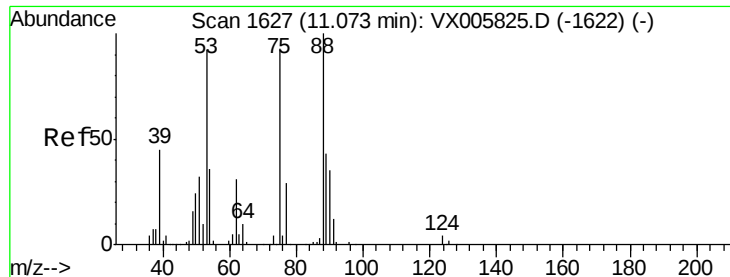
Tgt Ion: 105 Resp: 2642

Ion Ratio Lower Upper

105 100

120 34.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 69.154 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

FDSB-02(10-12)

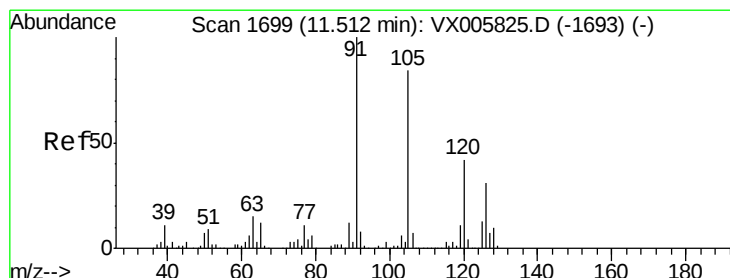
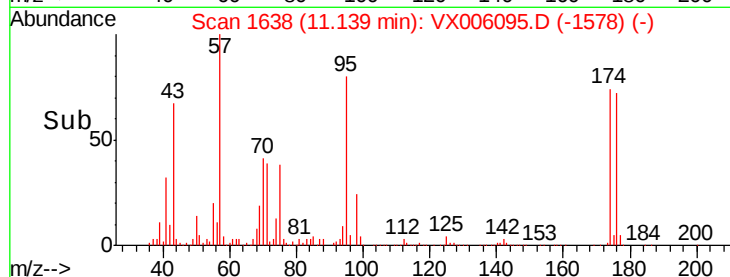
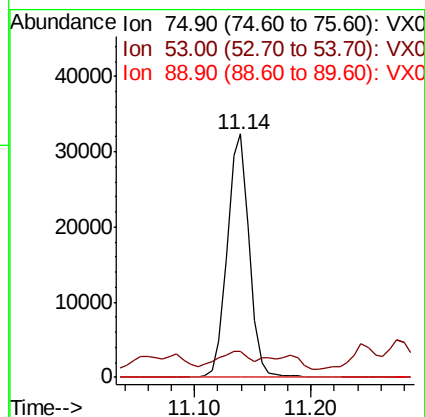
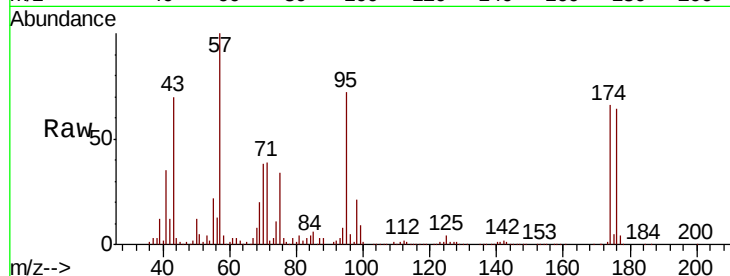
Tot Ion: 75 Resp: 41979

Ion Ratio Lower Upper

75 100

53 8.7 80.2 120.2#

89 0.0 39.8 59.8#



#82

4-Chlorotoluene

Concen: 13.804 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX006095.D

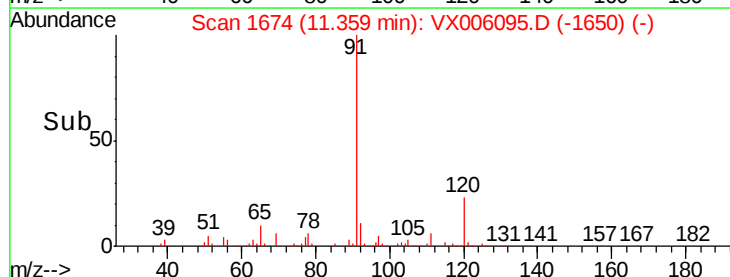
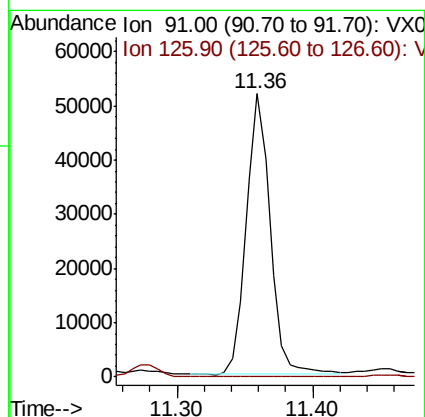
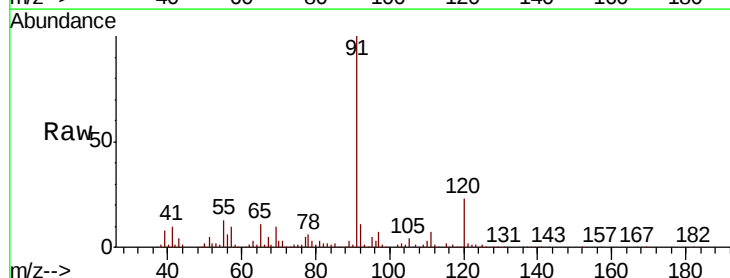
Acq: 19 Nov 2018 17:00

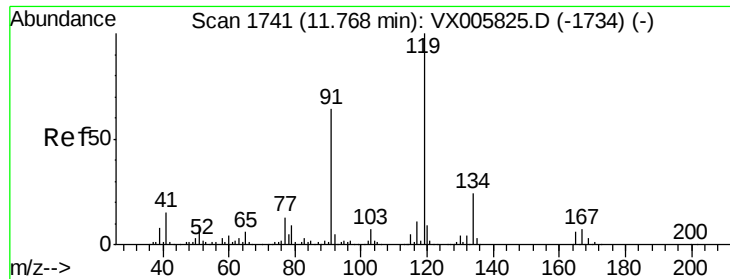
Tgt Ion: 91 Resp: 63678

Ion Ratio Lower Upper

91 100

126 0.4 15.2 45.6#





#83

tert-Butylbenzene

Concen: 0.834 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

FDSB-02(10-12)

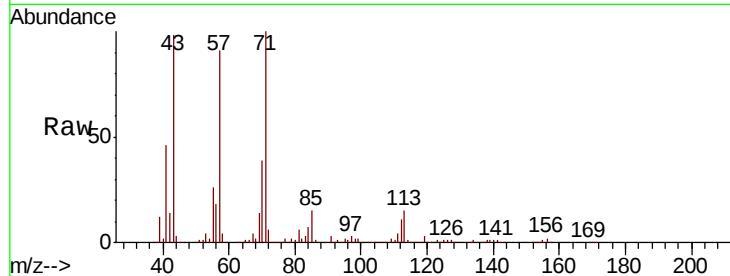
Tot Ion:119 Resp: 3938

Ion Ratio Lower Upper

119 100

91 45.7 28.5 85.5

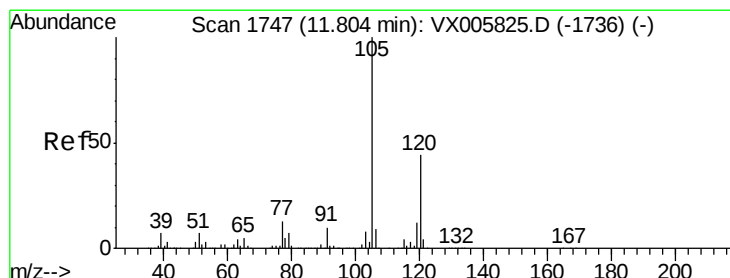
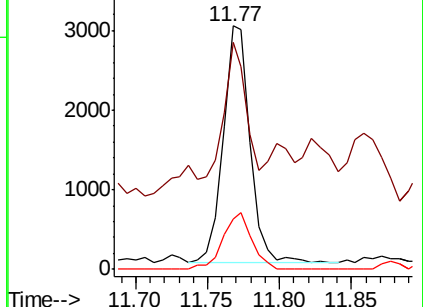
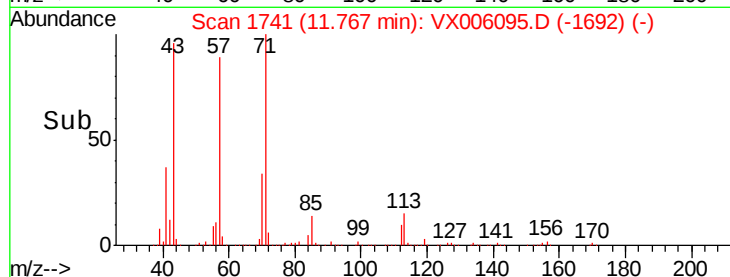
134 25.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.090 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. -0.13 min

Lab File: VX006095.D

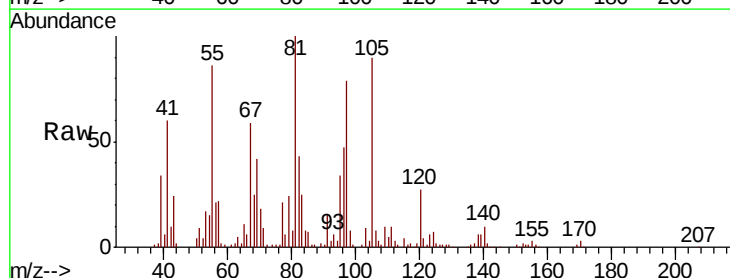
Acq: 19 Nov 2018 17:00

Tgt Ion:105 Resp: 21641

Ion Ratio Lower Upper

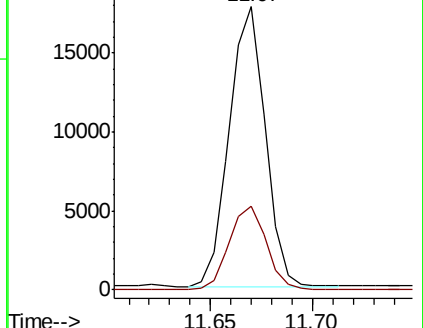
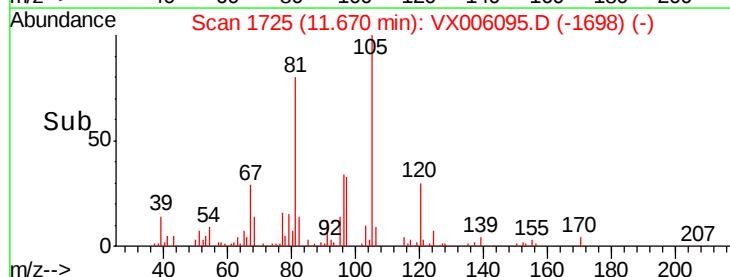
105 100

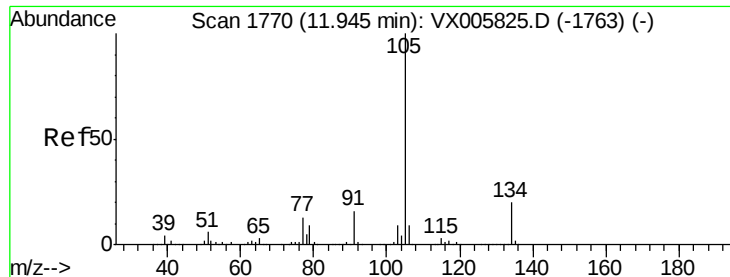
120 31.1 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 6.180 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

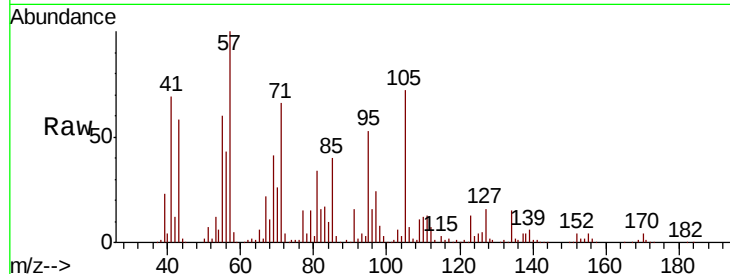
FDSB-02(10-12)

Tot Ion:105 Resp: 35697

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

30000

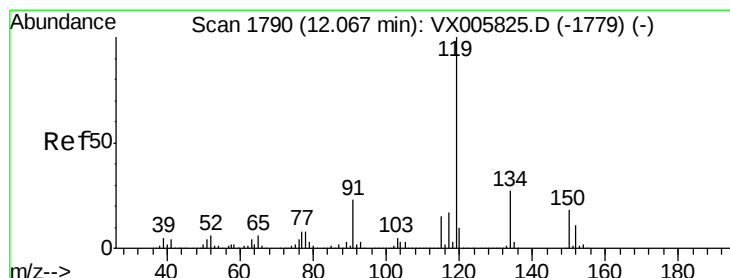
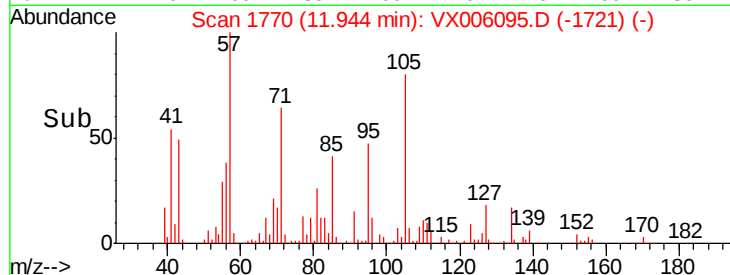
20000

10000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 2.728 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.16 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

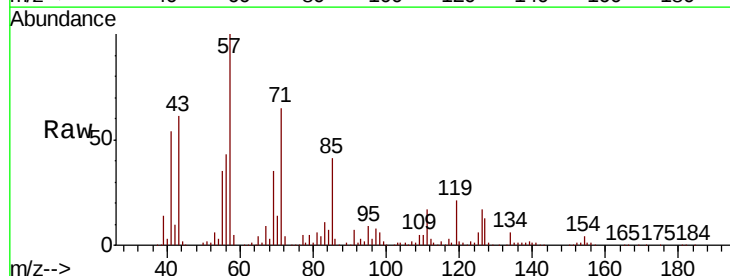
Tgt Ion:119 Resp: 13957

Ion Ratio Lower Upper

119 100

134 28.5 13.0 39.0

91 28.7 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

60000

50000

40000

30000

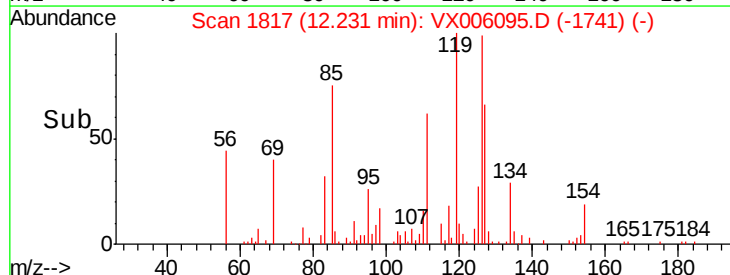
20000

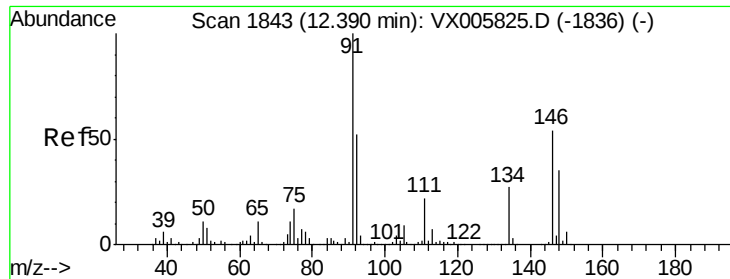
10000

0

12.20 12.25

Time-->

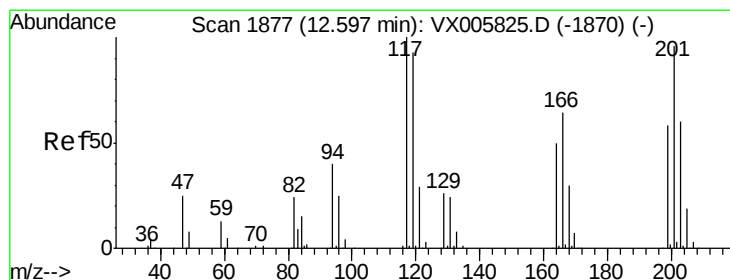
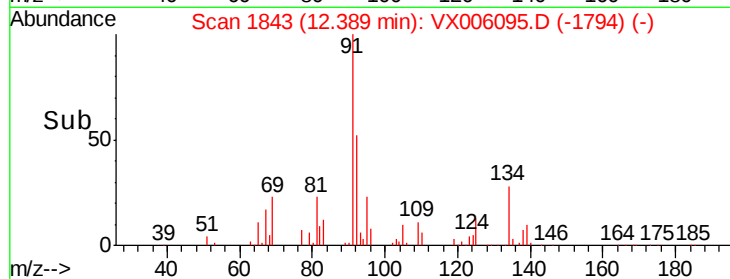
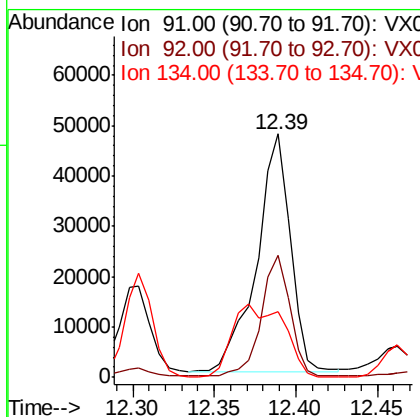
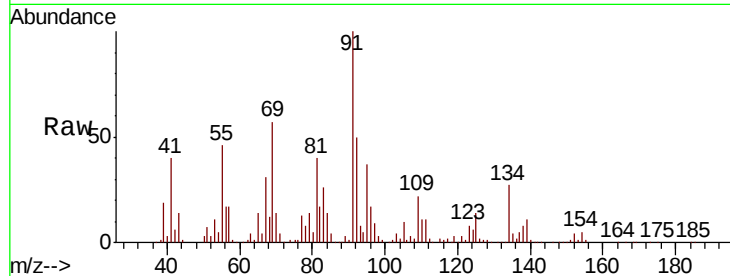




#89
n-Butylbenzene
Concen: 14.317 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

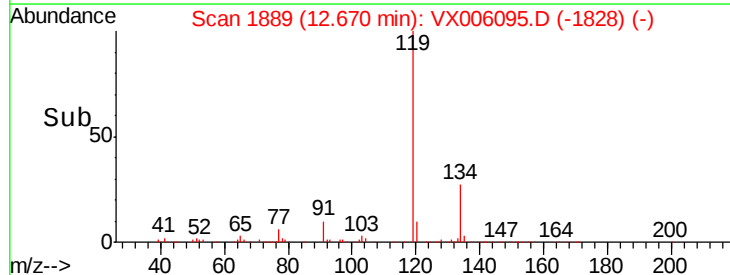
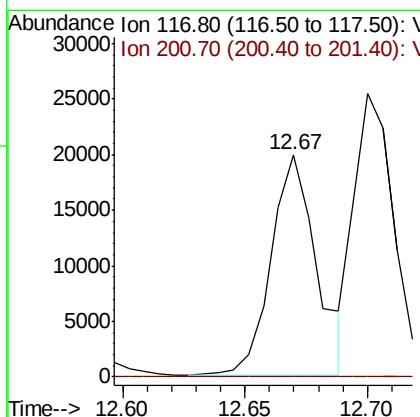
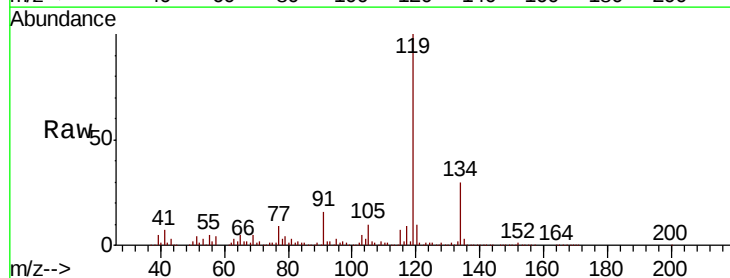
Instrument :
MSVOA_X
ClientSampleId :
FDSB-02(10-12)

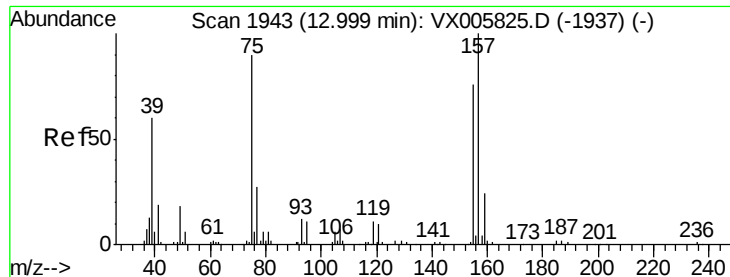
Tot Ion: 91 Resp: 67895
Ion Ratio Lower Upper
91 100
92 43.3 26.1 78.2
134 46.8 13.1 39.3#



#90
Hexachloroethane
Concen: 29.619 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX006095.D
Acq: 19 Nov 2018 17:00

Tgt Ion: 117 Resp: 25302
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.398 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

FDSB-02(10-12)

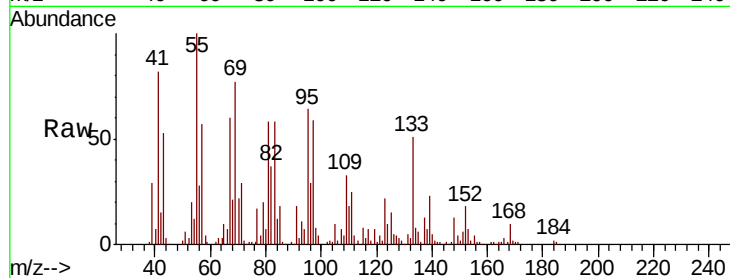
Tot Ion: 75 Resp: 196

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

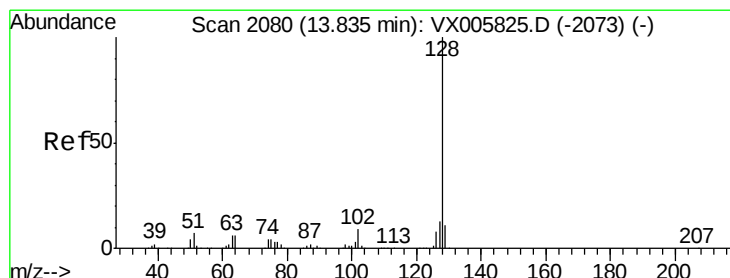
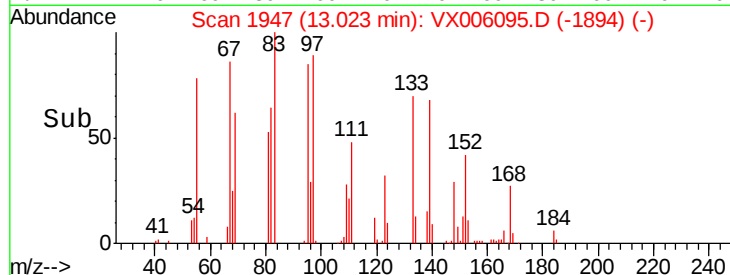
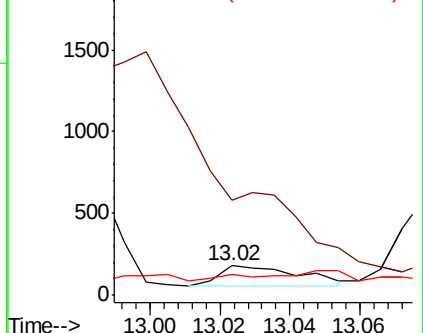
157 0.0 57.4 172.0#



Abundance Ion 74.90 (74.60 to 75.60): VX006095.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006095.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006095.D (-1894) (-)



#95

Naphthalene

Concen: 2.548 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006095.D

Acq: 19 Nov 2018 17:00

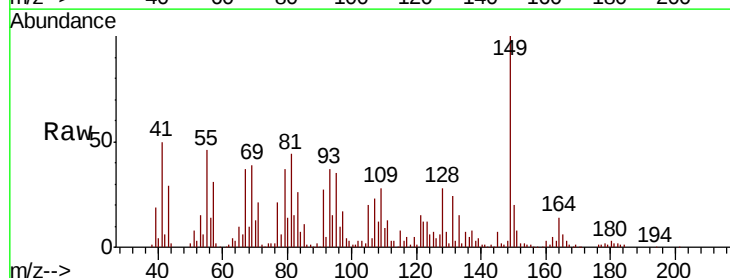
Tgt Ion: 128 Resp: 9597

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

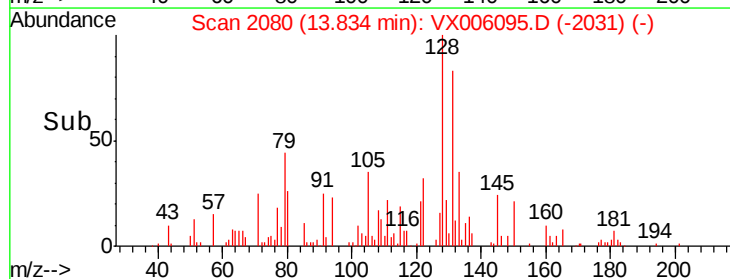
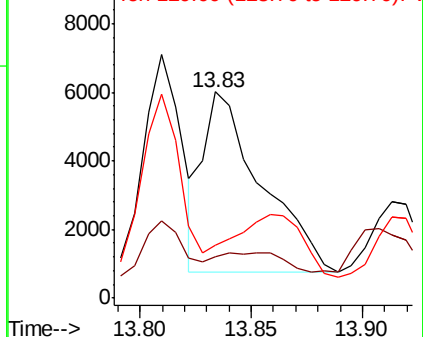
129 0.0 8.7 13.1#

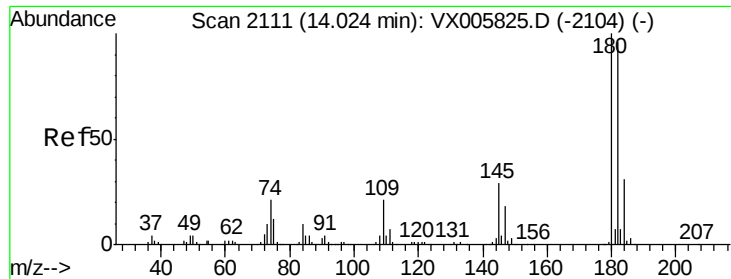


Abundance Ion 128.00 (127.70 to 128.70): VX006095.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX006095.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX006095.D (-2031) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 1.190 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: VX006095.D
 Acq: 19 Nov 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-02(10-12)

Tot Ion:180 Resp: 2541
 Ion Ratio Lower Upper
 180 100
 182 16.5 48.0 144.2#
 145 1248.4 15.1 45.3#

