

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
 Data File : VD060395.D
 Acq On : 16 Nov 2018 13:49
 Operator : JC/SY
 Sample : J5911-06
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-07(20-22)

Quant Time: Nov 16 14:29:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1644271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	2271594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1815940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	769281	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	416550	35.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.76%	
35) Dibromofluoromethane	6.34	113	602728	35.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.16%	
50) Toluene-d8	9.48	98	1929396	38.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.84%	
62) 4-Bromofluorobenzene	12.45	95	693771	38.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.60	85	2032	Below Cal	#	41
13) Acrolein	3.14	56	1382	2.42	ug/l #	14
15) Acrylonitrile	4.13	53	9520	3.38	ug/l #	52
16) Acetone	3.18	43	36074	17.66	ug/l #	85
20) Methylene Chloride	3.74	84	136431	7.53	ug/l	98
25) 2-Butanone	5.60	43	5996	1.41	ug/l #	60
29) Tetrahydrofuran	6.38	42	585774	261.74	ug/l #	44
31) Cyclohexane	6.38	56	676595	24.07	ug/l #	77
36) 1,1-Dichloropropene	6.42	75	111692	4.98	ug/l #	46
38) Carbon Tetrachloride	6.43	117	125797	6.04	ug/l #	16
39) Methylcyclohexane	8.07	83	2991133	115.88	ug/l	99
43) Isopropyl Acetate	8.42	43	221717	17.09	ug/l #	47
48) Methyl methacrylate	8.32	41	285466	36.23	ug/l #	64
51) 4-Methyl-2-Pentanone	9.32	43	24738	2.93	ug/l #	49
55) 1,1,2-Trichloroethane	10.26	97	38545	3.63	ug/l #	34
56) Ethyl methacrylate	10.13	69	208234	21.35	ug/l #	1
59) 2-Hexanone	10.47	43	2781897	462.29	ug/l #	35
73) Isopropylbenzene	12.30	105	588724	10.50	ug/l	100
74) N-amyl acetate	12.11	43	2257618	157.11	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.55	83	127885	13.95	ug/l #	73
78) n-propylbenzene	12.65	91	1601005	22.89	ug/l	98
79) 2-Chlorotoluene	12.65	91	1601005	41.78	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.81	105	154044	3.54	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.45	75	210812	80.47	ug/l #	45
82) 4-Chlorotoluene	12.76	91	43902	1.02	ug/l #	53
83) tert-Butylbenzene	13.07	119	63942	1.32	ug/l	69
84) 1,2,4-Trimethylbenzene	13.11	105	73630	1.69	ug/l	97
85) sec-Butylbenzene	13.24	105	1068360	18.01	ug/l	96
86) p-Isopropyltoluene	13.36	119	499889	10.46	ug/l	87
89) n-Butylbenzene	13.67	91	1396211	27.55	ug/l	97
90) Hexachloroethane	13.84	117	68448	6.04	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.21	75	23805	21.51	ug/l #	11
95) Naphthalene	14.96	128	51108	2.43	ug/l #	1

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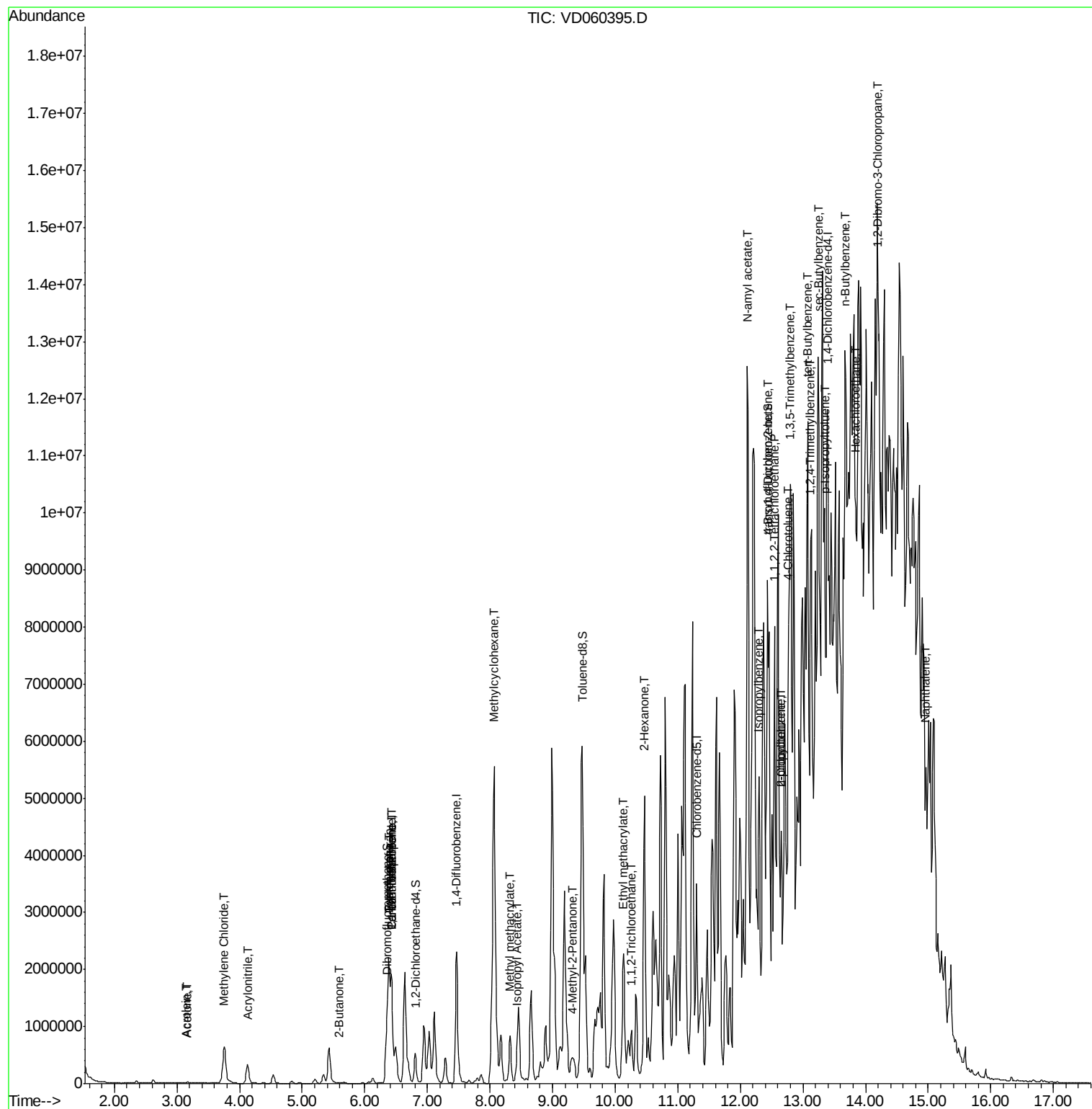
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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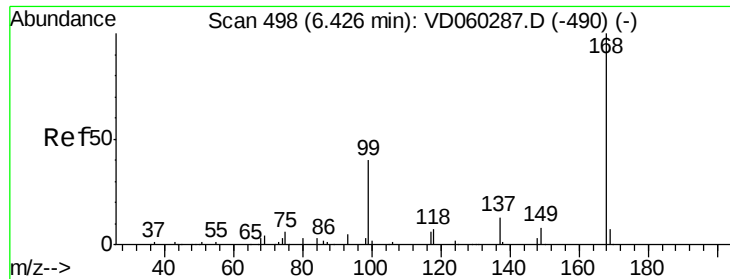
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.43 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

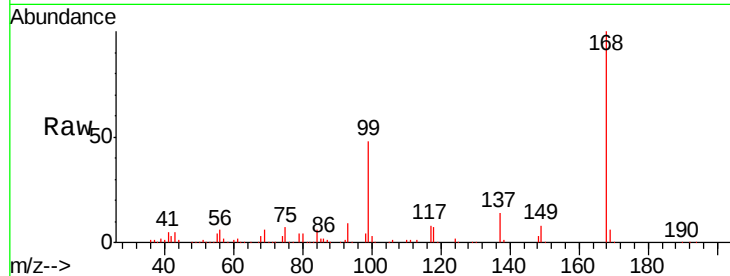
FDSB-07(20-22)

Tgt Ion:168 Resp: 1644271

Ion Ratio Lower Upper

168 100

99 47.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

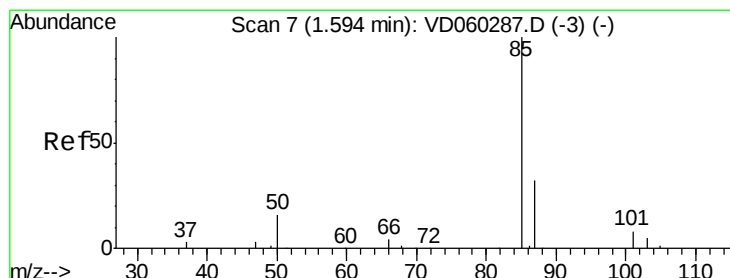
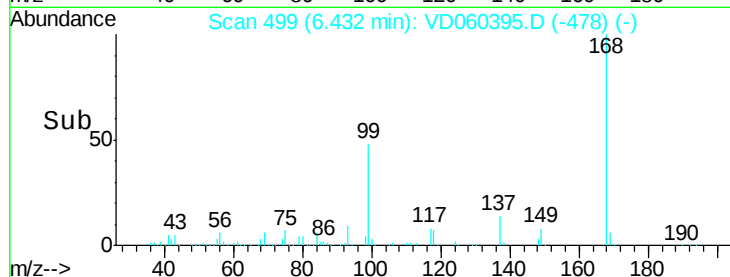
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060395.D

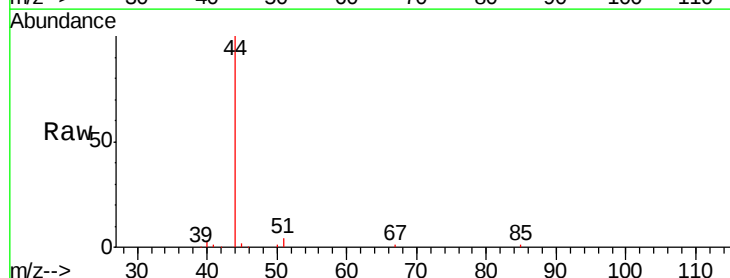
Acq: 16 Nov 2018 13:49

Tgt Ion: 85 Resp: 2032

Ion Ratio Lower Upper

85 100

87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.60

1200

1000

800

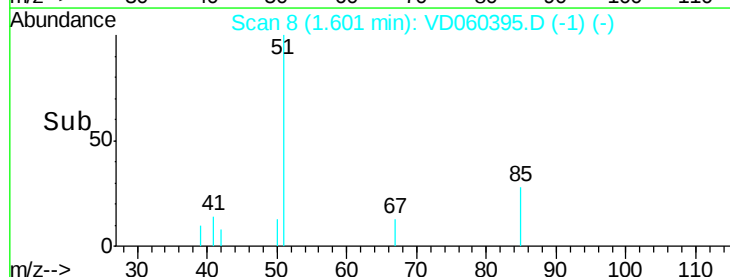
600

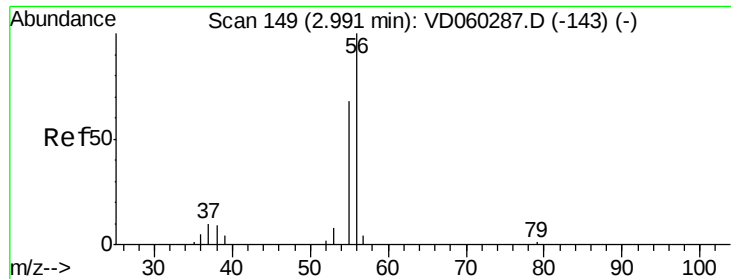
400

200

0

Time-->





#13

Acrolein

Concen: 2.42 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.14 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

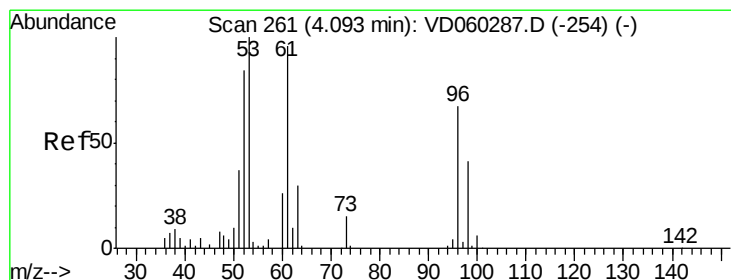
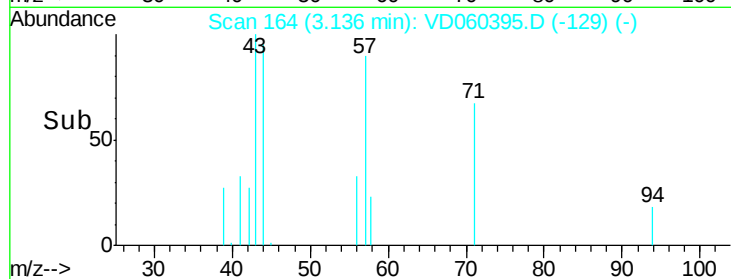
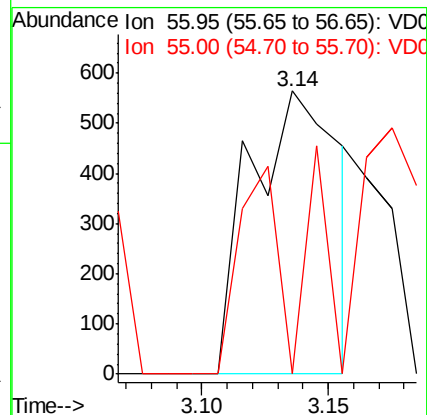
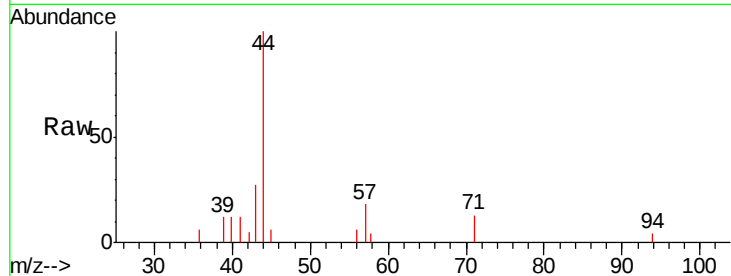
FDSB-07(20-22)

Tgt Ion: 56 Resp: 1382

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.6#



#15

Acrylonitrile

Concen: 3.38 ug/l

RT: 4.13 min Scan# 265

Delta R.T. 0.04 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

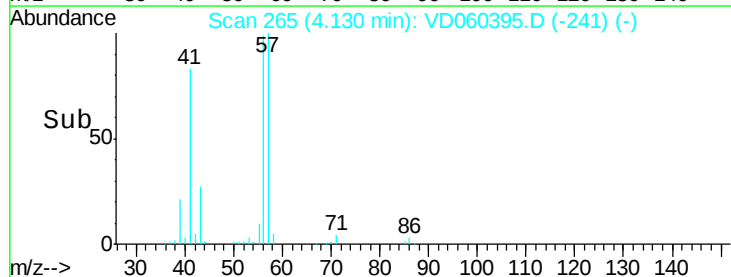
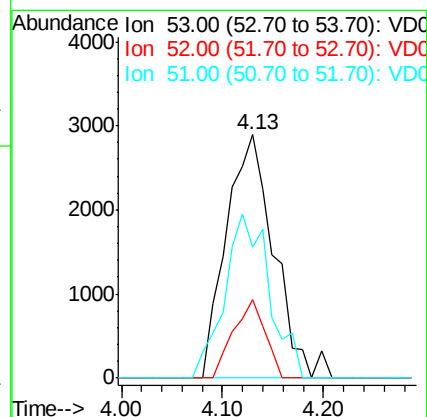
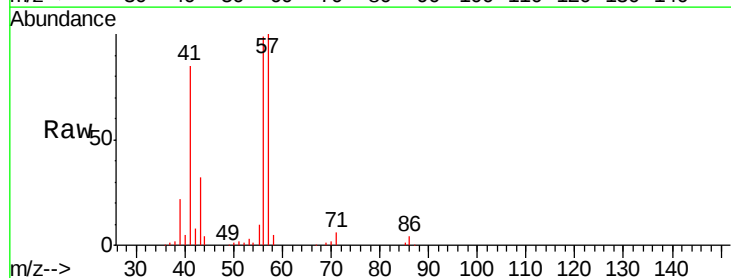
Tgt Ion: 53 Resp: 9520

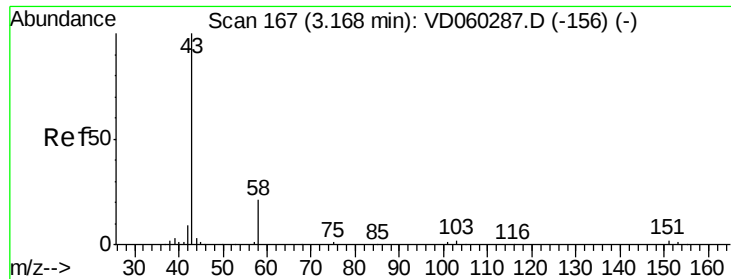
Ion Ratio Lower Upper

53 100

52 32.2 67.0 100.4#

51 53.9 29.9 44.9#





#16

Acetone

Concen: 17.66 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

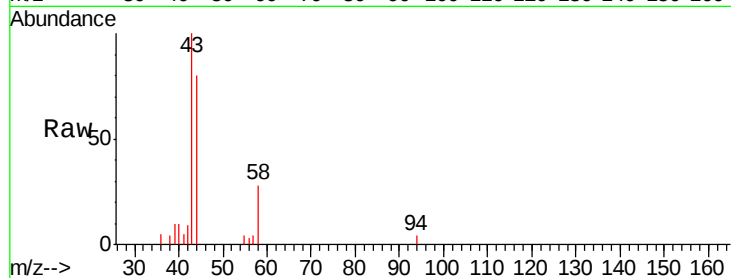
FDSB-07(20-22)

Tgt Ion: 43 Resp: 36074

Ion Ratio Lower Upper

43 100

58 28.1 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

12000

10000

8000

6000

4000

2000

0

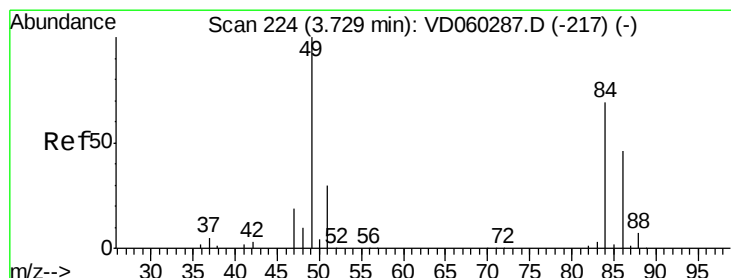
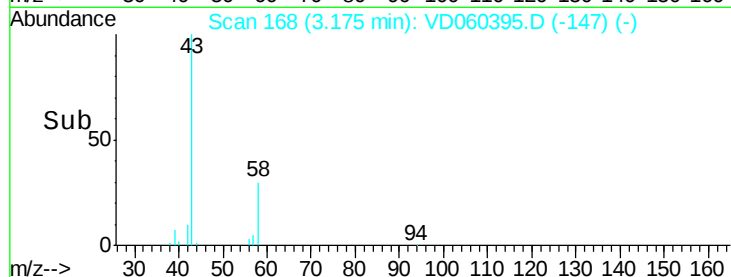
Time-->

3.00

3.10

3.20

3.30



#20

Methylene Chloride

Concen: 7.53 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Tgt Ion: 84 Resp: 136431

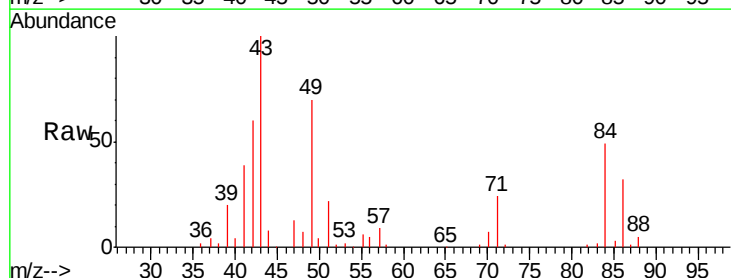
Ion Ratio Lower Upper

84 100

49 142.2 115.6 173.4

51 44.9 35.6 53.4

86 64.3 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

80000

60000

40000

20000

0

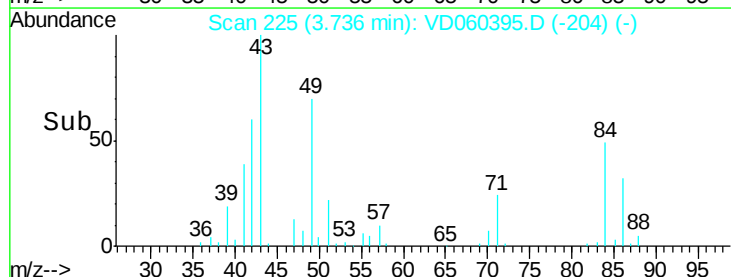
Time-->

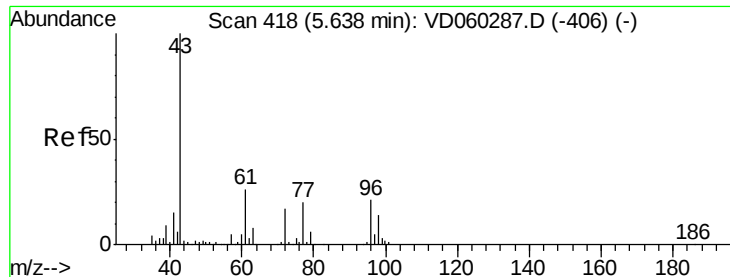
3.60

3.70

3.80

3.90





#25

2-Butanone

Concen: 1.41 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.04 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

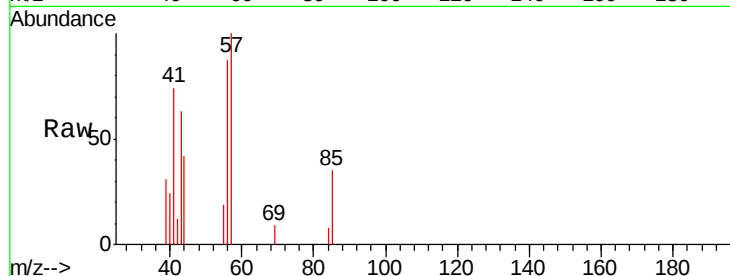
FDSB-07(20-22)

Tgt Ion: 43 Resp: 5996

Ion Ratio Lower Upper

43 100

72 0.0 13.8 20.8#

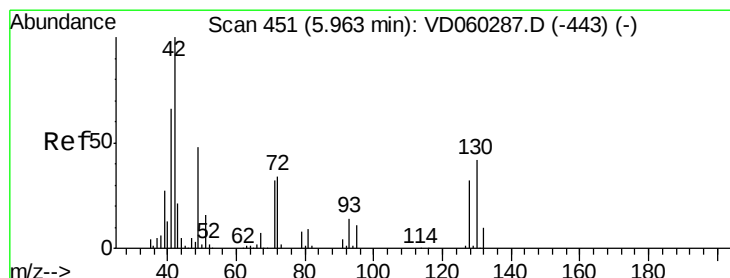
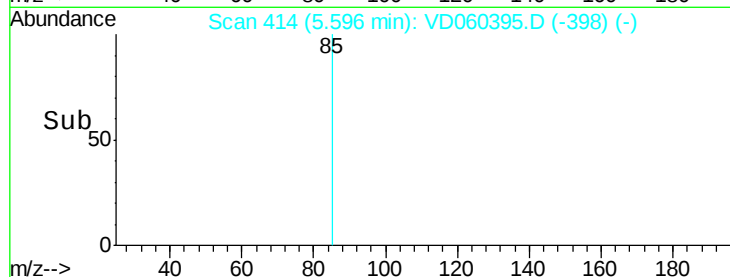


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

5.60

Time-->



#29

Tetrahydrofuran

Concen: 261.74 ug/l

RT: 6.38 min Scan# 494

Delta R.T. 0.42 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

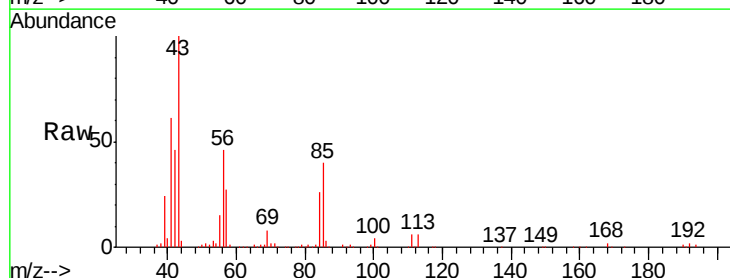
Tgt Ion: 42 Resp: 585774

Ion Ratio Lower Upper

42 100

72 0.1 27.6 41.4#

71 3.6 26.5 39.7#



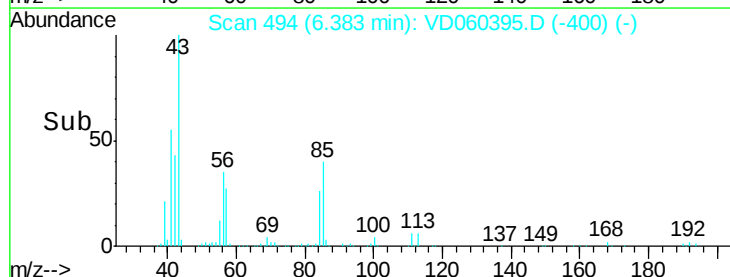
Abundance Ion 42.00 (41.70 to 42.70): VDC

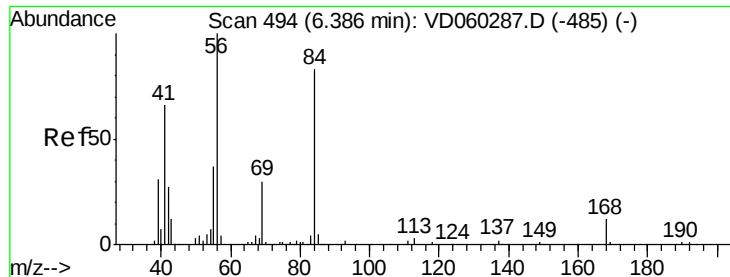
Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

6.38

Time-->

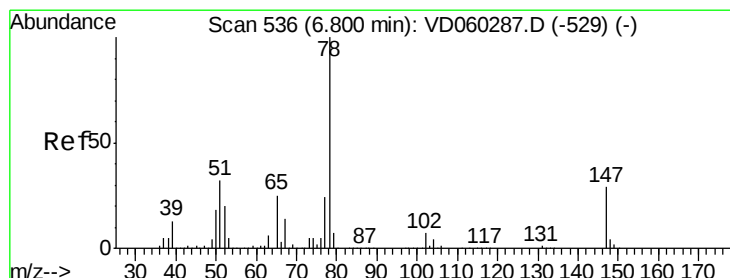
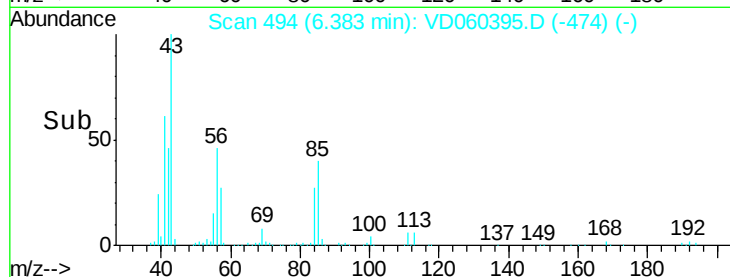
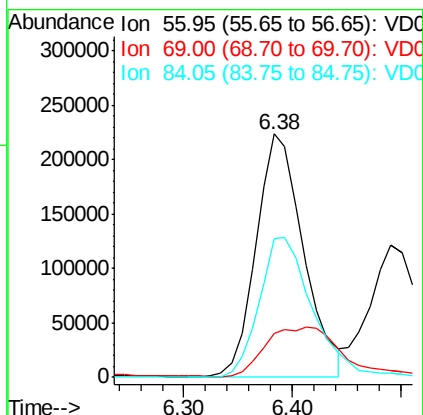
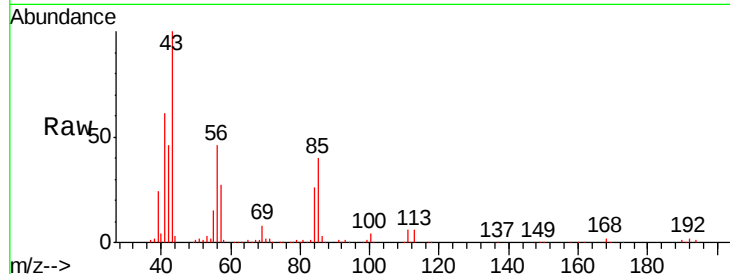




#31
Cyclohexane
Concen: 24.07 ug/l
RT: 6.38 min Scan# 494
Delta R.T. -0.00 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

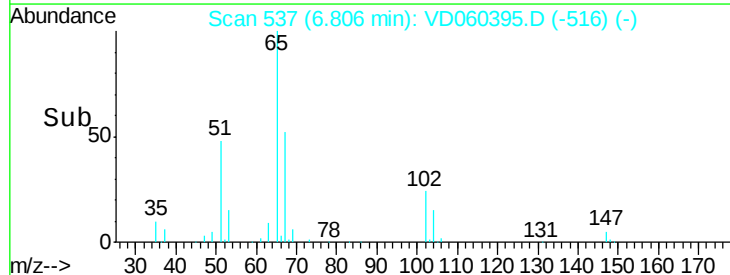
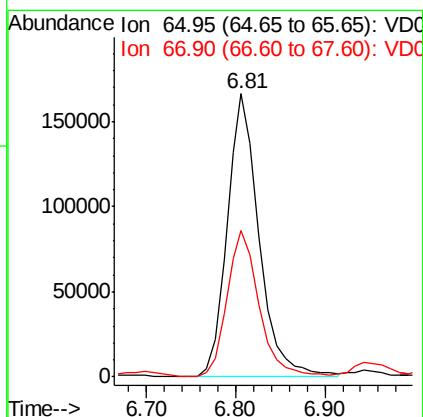
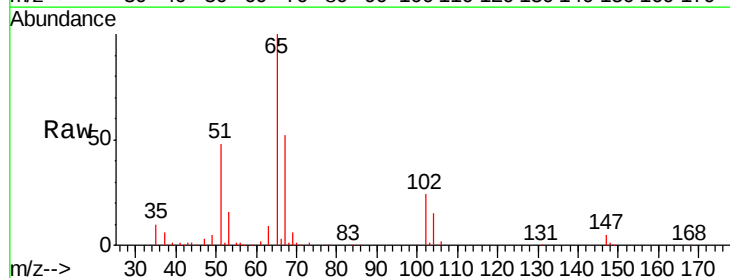
Instrument :
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FDSB-07(20-22)

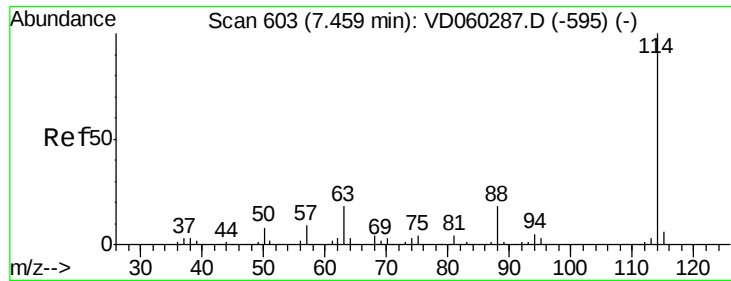
Tgt Ion: 56 Resp: 676595
Ion Ratio Lower Upper
56 100
69 17.8 22.2 33.2#
84 57.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 65 Resp: 416550
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.8

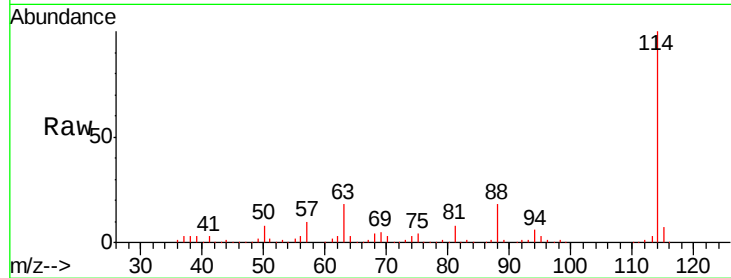




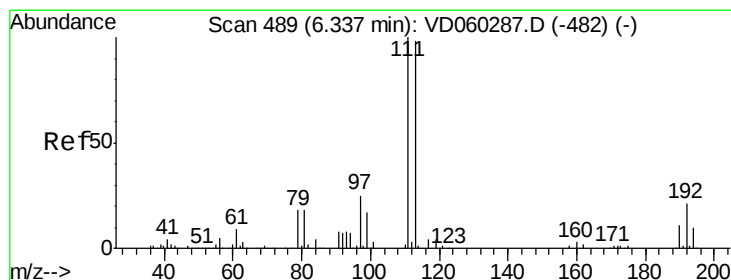
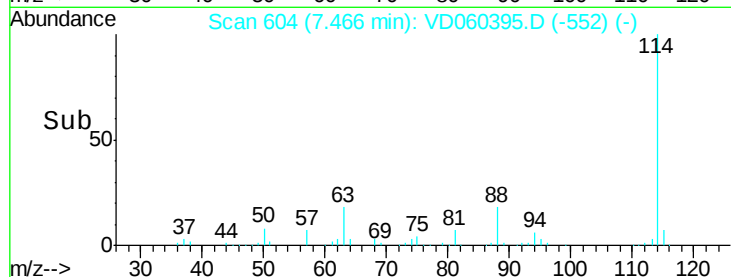
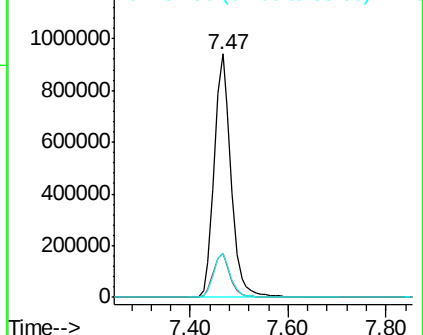
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD060395.D
 Acq: 16 Nov 2018 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-07(20-22)

Tgt Ion:114 Resp: 2271594
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 18.3 0.0 35.4

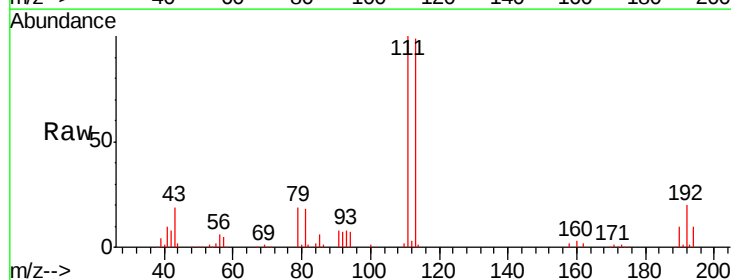


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

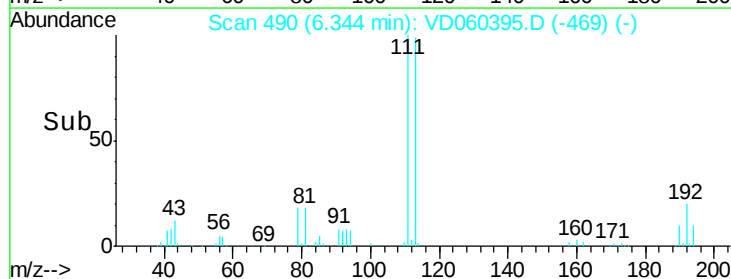
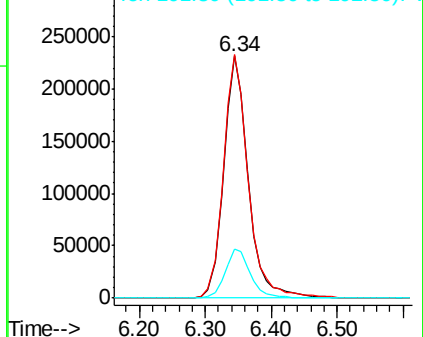


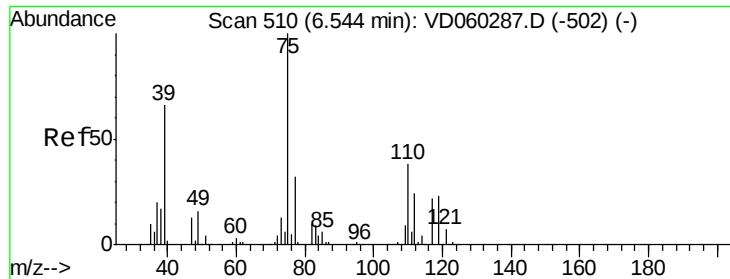
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060395.D
 Acq: 16 Nov 2018 13:49

Tgt Ion:113 Resp: 602728
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.6 122.4
 192 20.4 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 4.98 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.12 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

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ClientSampleId :

FDSB-07(20-22)

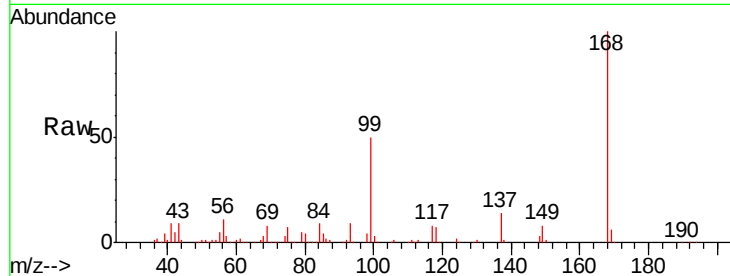
Tgt Ion: 75 Resp: 111692

Ion Ratio Lower Upper

75 100

110 4.4 18.0 54.0#

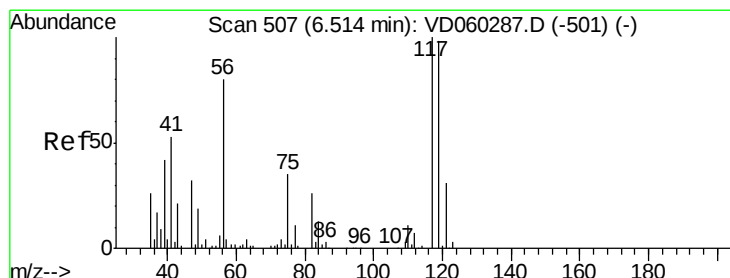
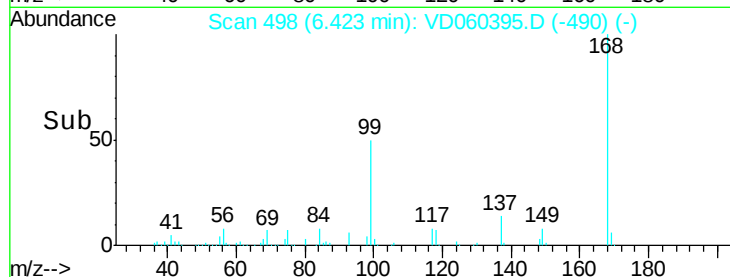
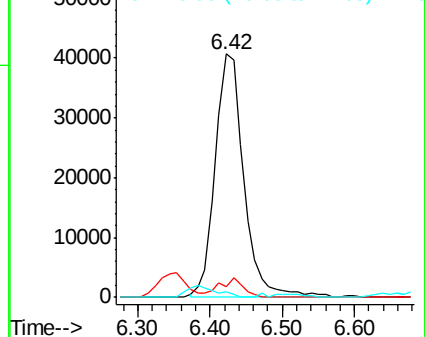
77 2.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.04 ug/l

RT: 6.43 min Scan# 499

Delta R.T. -0.08 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

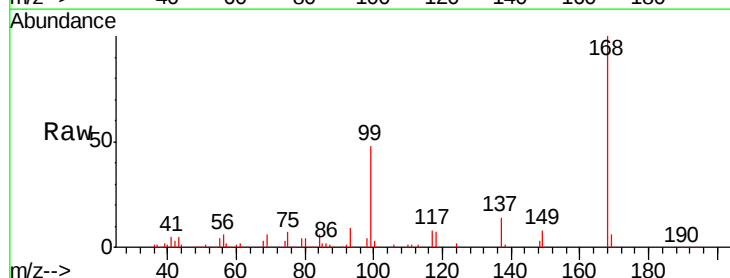
Tgt Ion: 117 Resp: 125797

Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

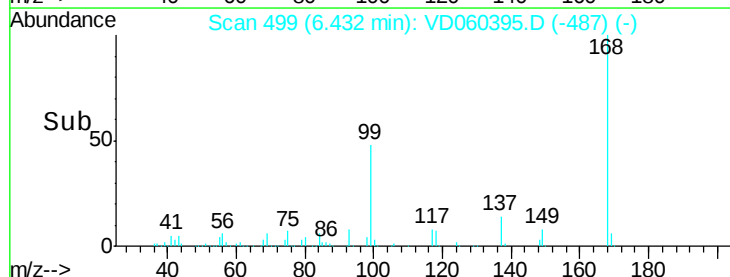
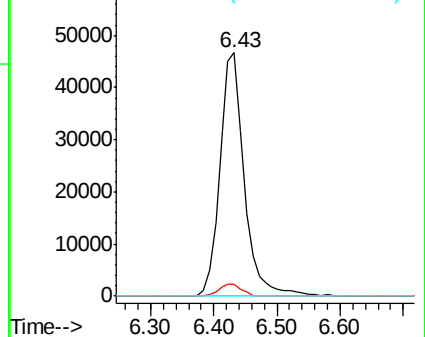
121 0.0 24.3 36.5#

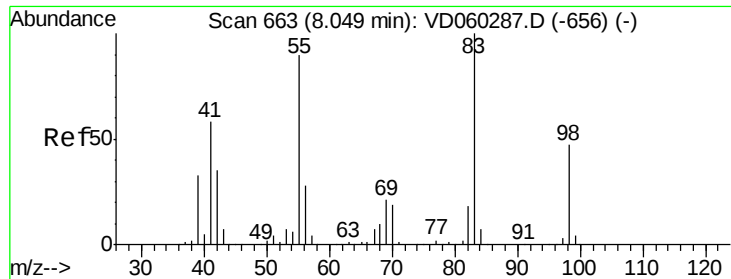


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

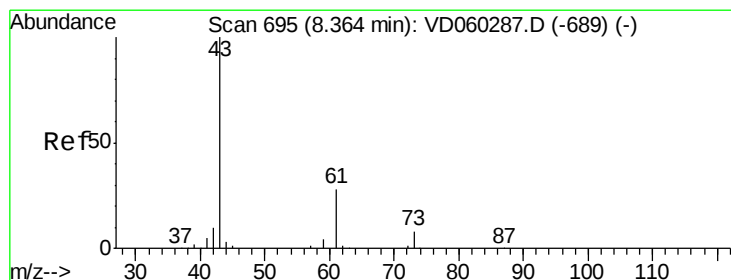
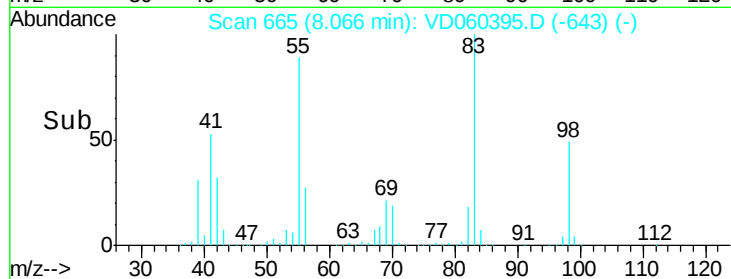
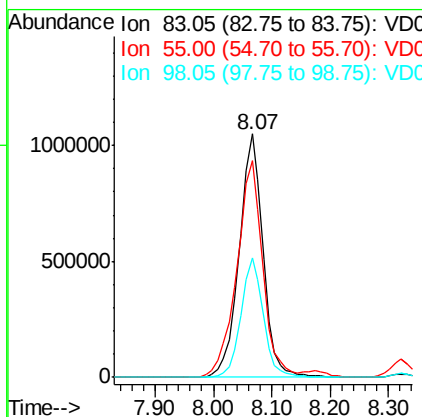
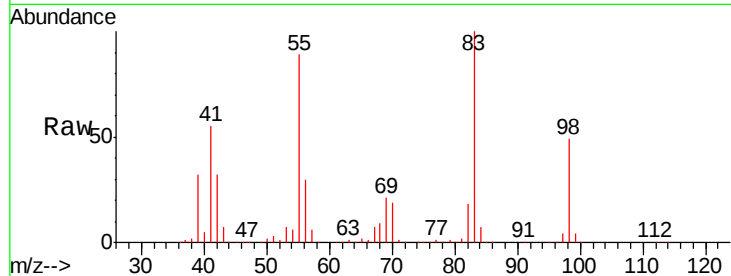




#39
Methylcyclohexane
Concen: 115.88 ug/l
RT: 8.07 min Scan# 665
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

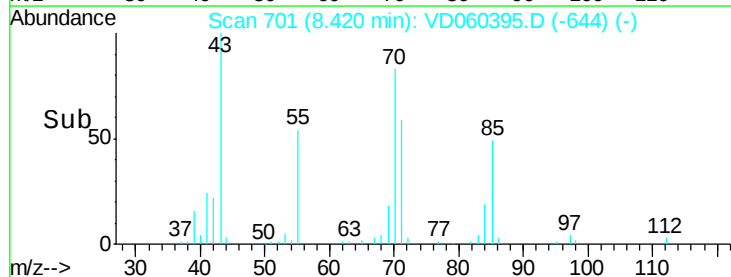
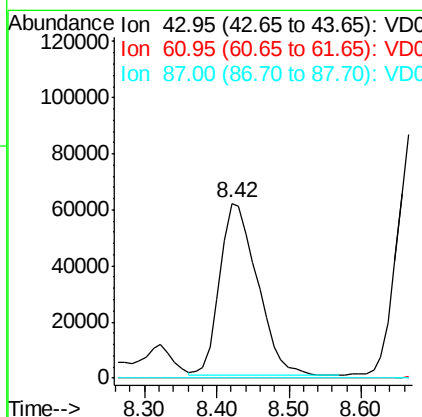
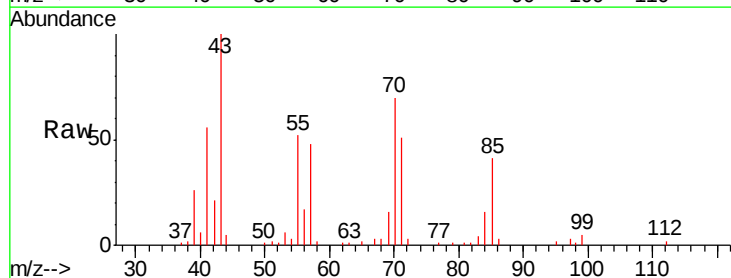
Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

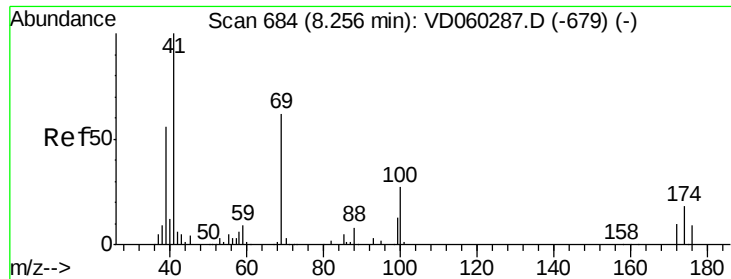
Tgt Ion: 83 Resp: 2991133
Ion Ratio Lower Upper
83 100
55 88.9 71.2 106.8
98 49.1 38.4 57.6



#43
Isopropyl Acetate
Concen: 17.09 ug/l
RT: 8.42 min Scan# 701
Delta R.T. 0.06 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 43 Resp: 221717
Ion Ratio Lower Upper
43 100
61 0.0 22.3 33.5#
87 0.0 0.2 0.2#

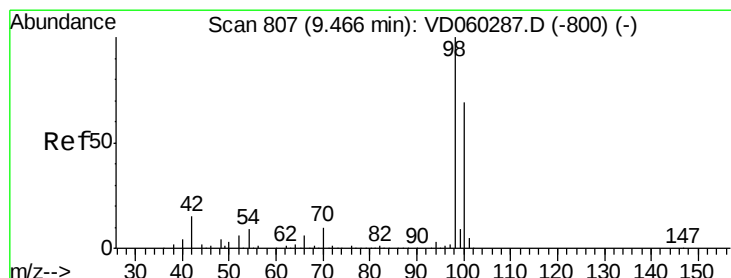
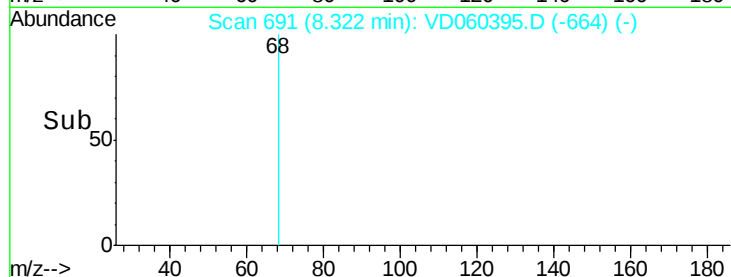
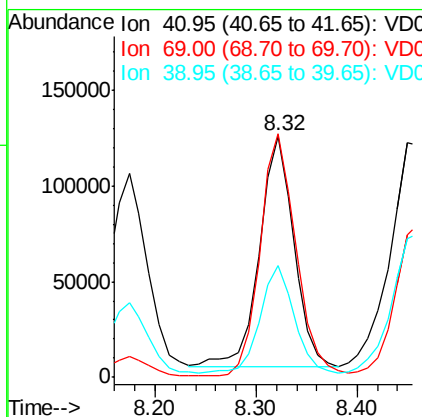
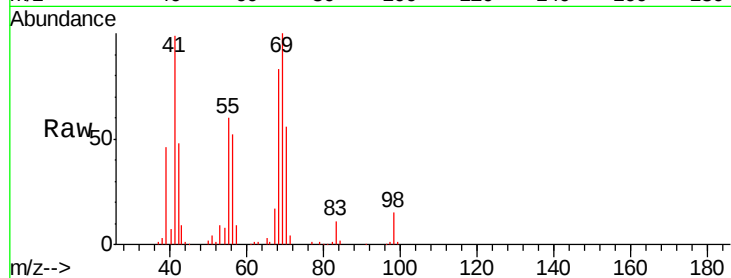




#48
Methyl methacrylate
Concen: 36.23 ug/l
RT: 8.32 min Scan# 691
Delta R.T. 0.07 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

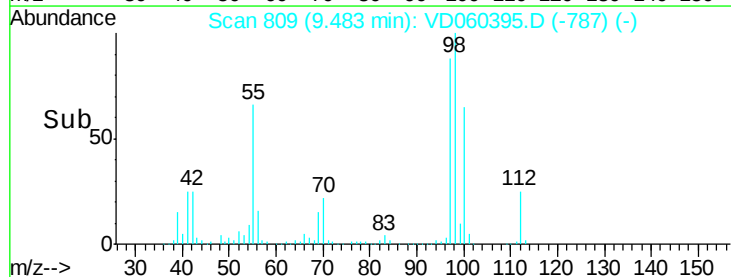
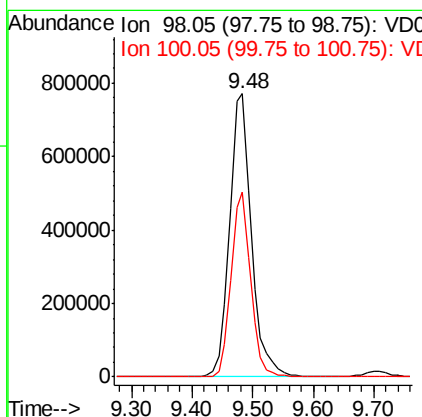
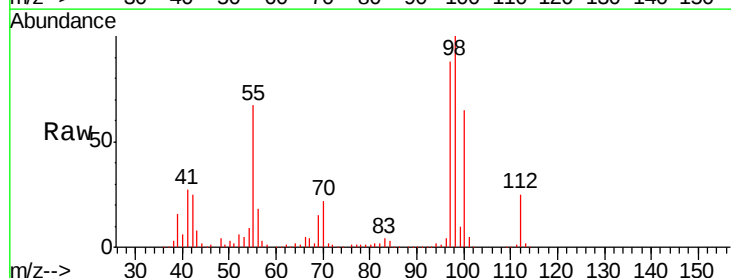
Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

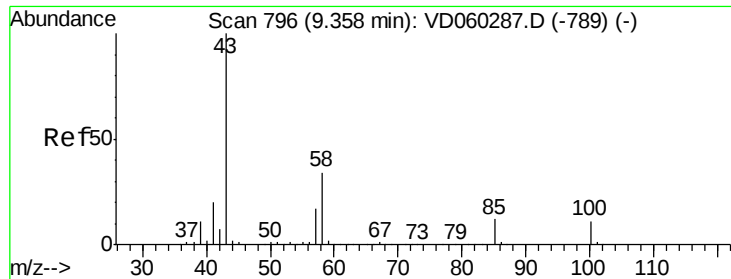
Tgt Ion: 41 Resp: 285466
Ion Ratio Lower Upper
41 100
69 101.0 47.0 70.4#
39 46.6 46.2 69.4



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.48 min Scan# 809
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 98 Resp: 1929396
Ion Ratio Lower Upper
98 100
100 65.3 55.2 82.8





#51

4-Methyl-2-Pentanone

Concen: 2.93 ug/l

RT: 9.32 min Scan# 792

Delta R.T. -0.04 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

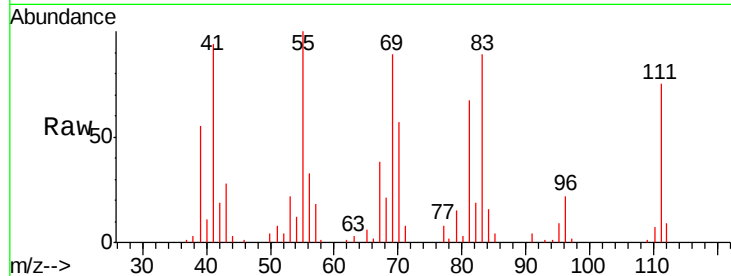
FDSB-07(20-22)

Tgt Ion: 43 Resp: 24738

Ion Ratio Lower Upper

43 100

58 4.2 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

80000

60000

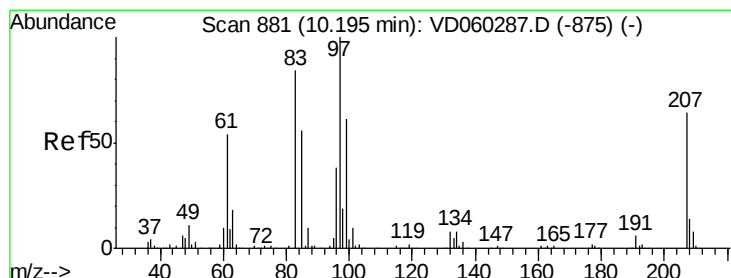
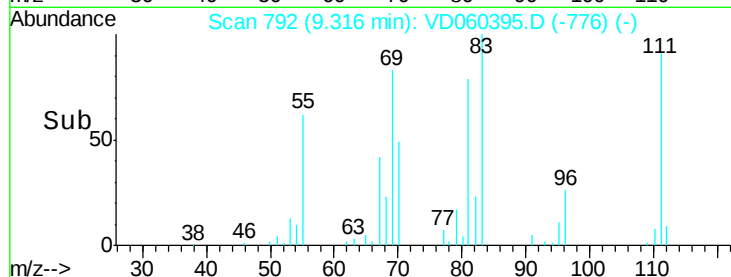
40000

20000

0

9.30 9.35 9.40

Time-->



#55

1,1,2-Trichloroethane

Concen: 3.63 ug/l

RT: 10.26 min Scan# 888

Delta R.T. 0.07 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Tgt Ion: 97 Resp: 38545

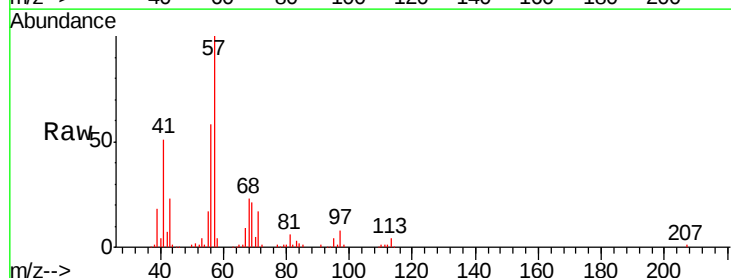
Ion Ratio Lower Upper

97 100

83 34.1 68.4 102.6#

85 10.8 46.8 70.2#

99 0.0 49.5 74.3#



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

300000

250000

200000

150000

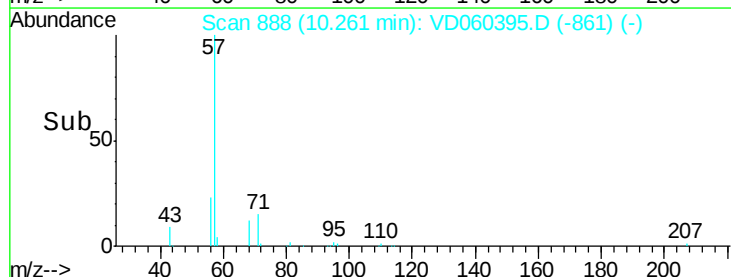
100000

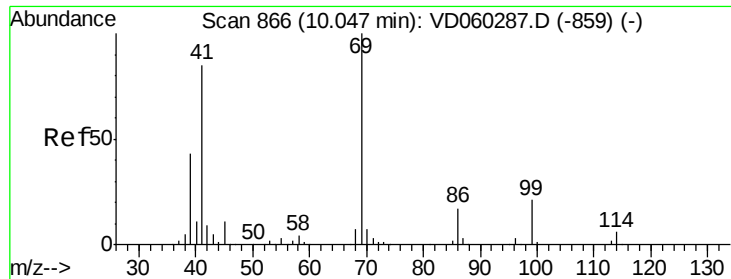
50000

0

10.20 10.25 10.30

Time-->

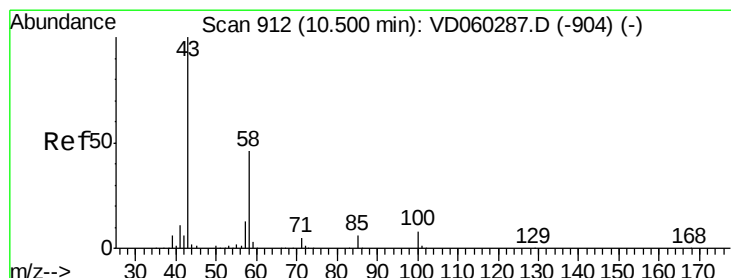
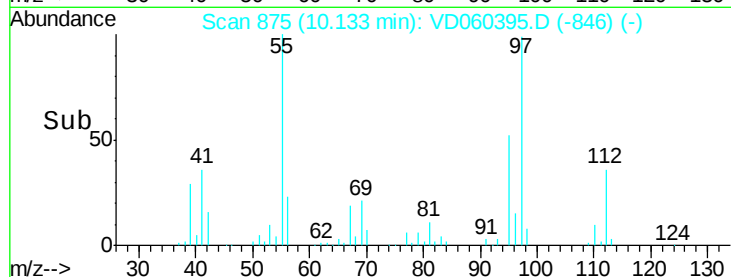
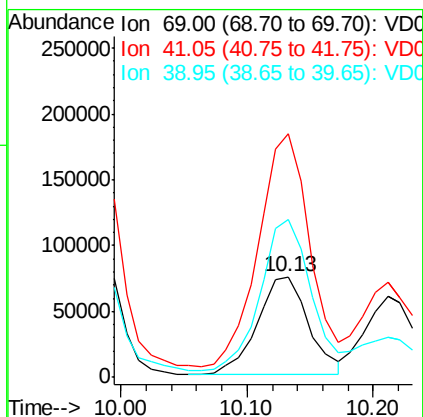
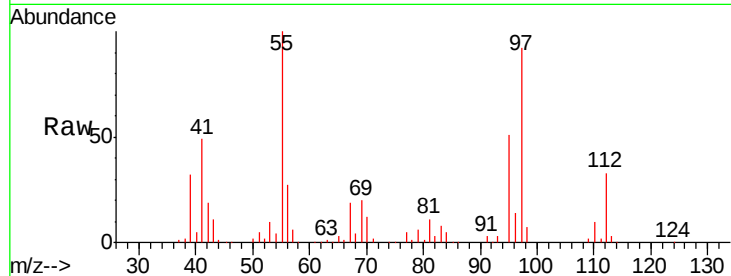




#56
Ethyl methacrylate
Concen: 21.35 ug/l
RT: 10.13 min Scan# 875
Delta R.T. 0.09 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

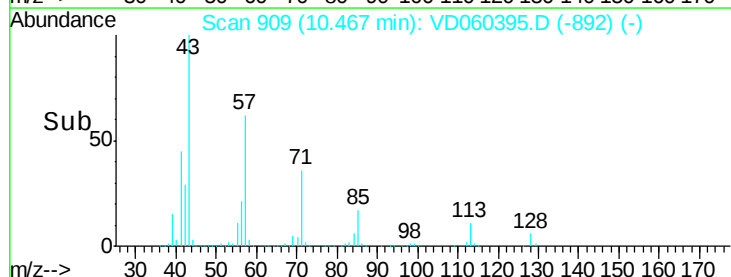
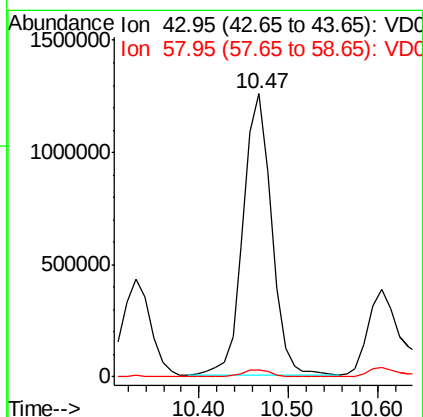
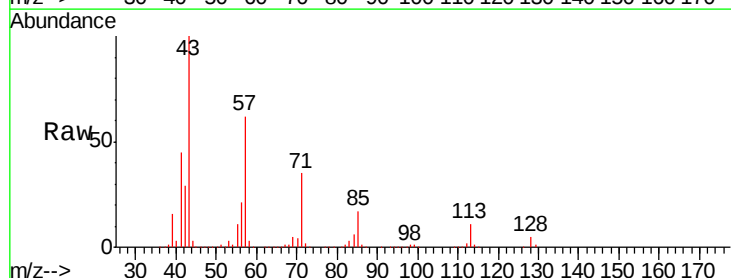
Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

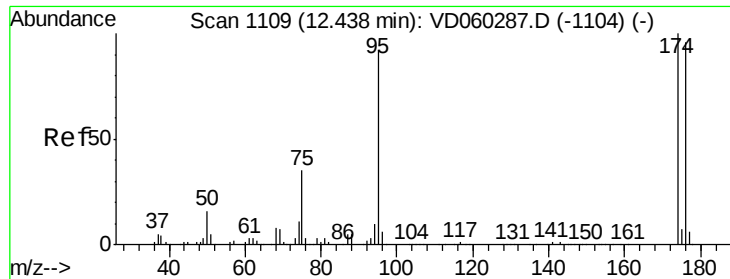
Tgt Ion: 69 Resp: 208234
Ion Ratio Lower Upper
69 100
41 242.5 69.0 103.4#
39 157.7 36.6 54.8#



#59
2-Hexanone
Concen: 462.29 ug/l
RT: 10.47 min Scan# 909
Delta R.T. -0.03 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 43 Resp: 2781897
Ion Ratio Lower Upper
43 100
58 2.6 22.9 68.5#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.45 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

FDSB-07(20-22)

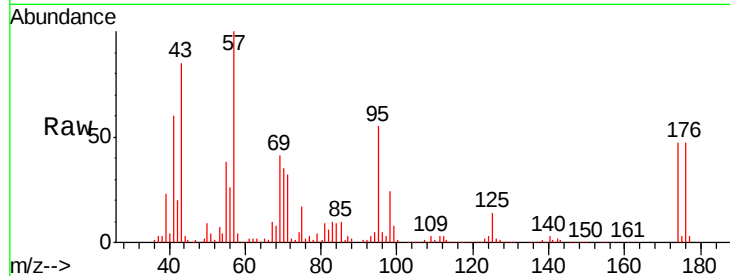
Tgt Ion: 95 Resp: 693771

Ion Ratio Lower Upper

95 100

174 86.3 0.0 160.8

176 86.1 0.0 154.6

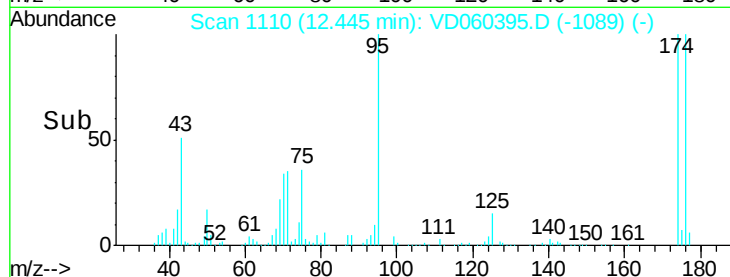


Abundance Ion 95.00 (94.70 to 95.70): V

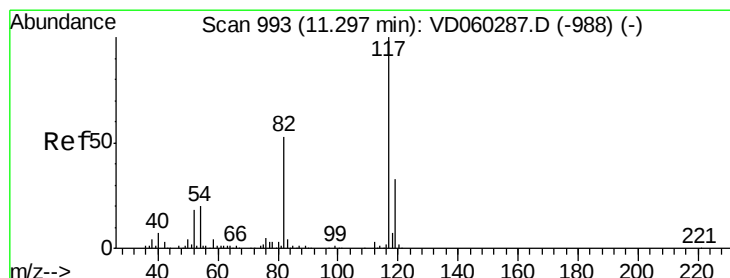
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.30 min Scan# 994

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

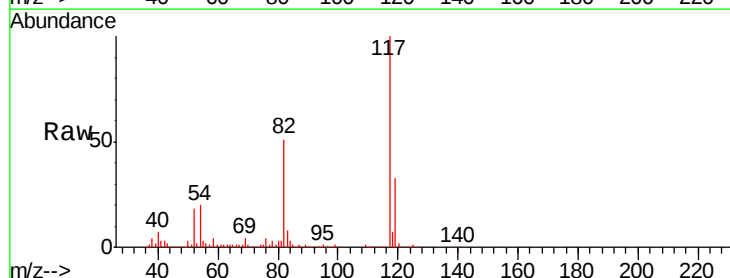
Tgt Ion: 117 Resp: 1815940

Ion Ratio Lower Upper

117 100

82 51.5 43.7 65.5

119 32.7 26.1 39.1

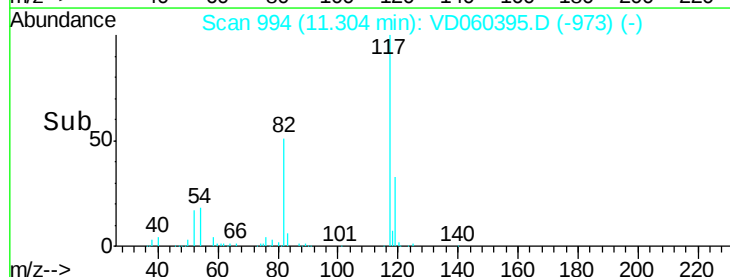


Abundance Ion 116.95 (116.65 to 117.65): V

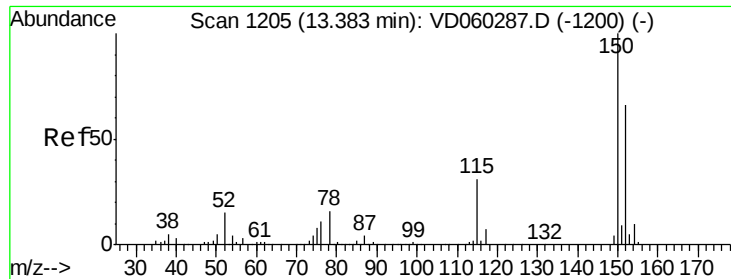
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.39 min Scan# 1206

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

FDSB-07(20-22)

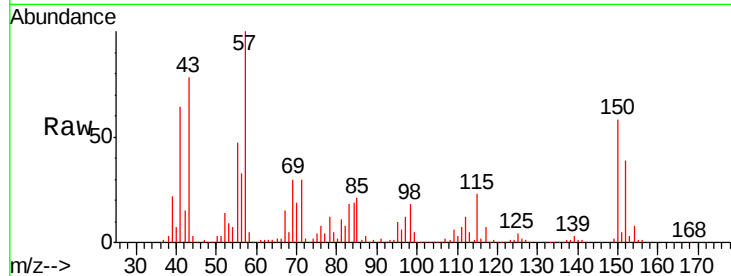
Tgt Ion:152 Resp: 769281

Ion Ratio Lower Upper

152 100

115 60.1 24.1 72.3

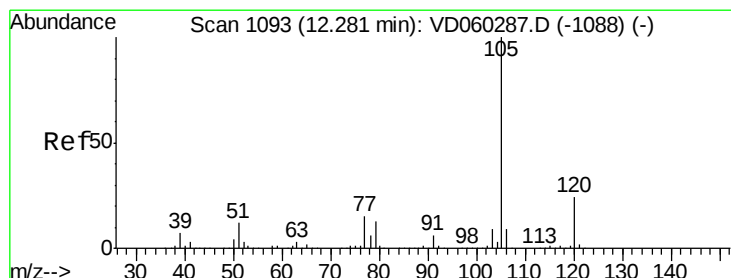
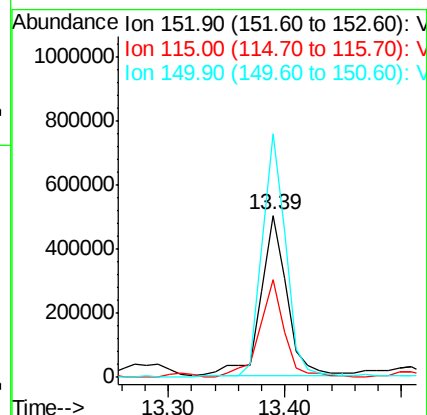
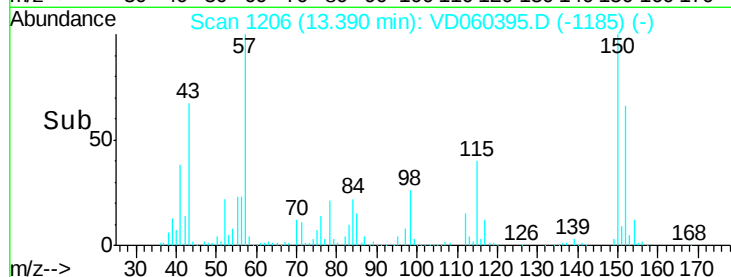
150 150.2 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 10.50 ug/l

RT: 12.30 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VD060395.D

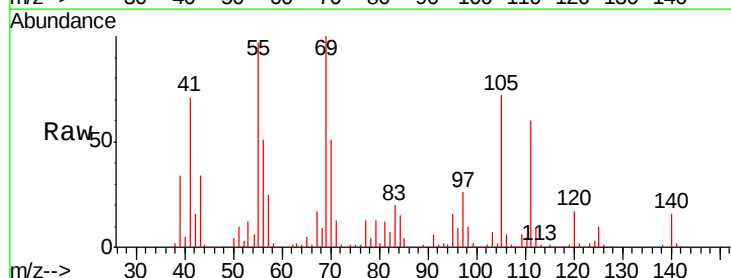
Acq: 16 Nov 2018 13:49

Tgt Ion:105 Resp: 588724

Ion Ratio Lower Upper

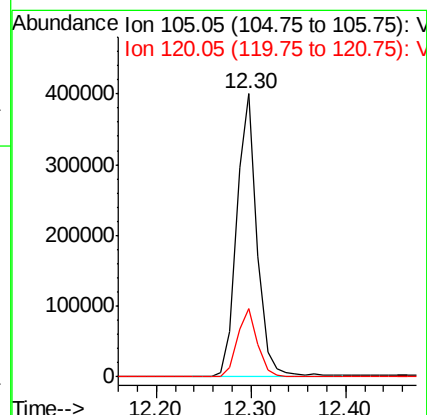
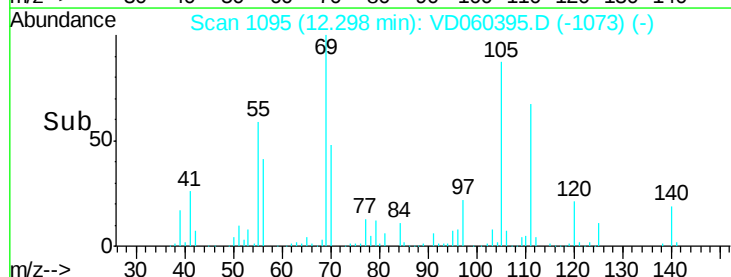
105 100

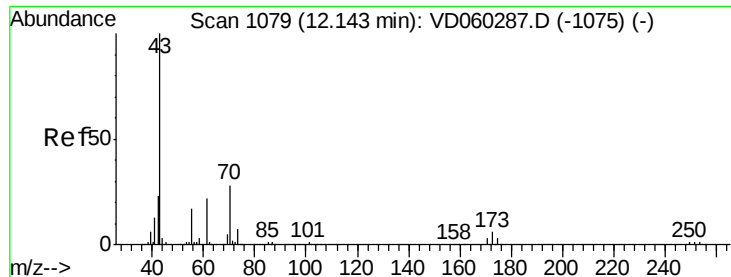
120 24.2 12.1 36.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-ethyl acetate

Concen: 157.11 ug/l

RT: 12.11 min Scan# 1076

Delta R.T. -0.03 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

FDSB-07(20-22)

Tgt Ion: 43 Resp: 2257618

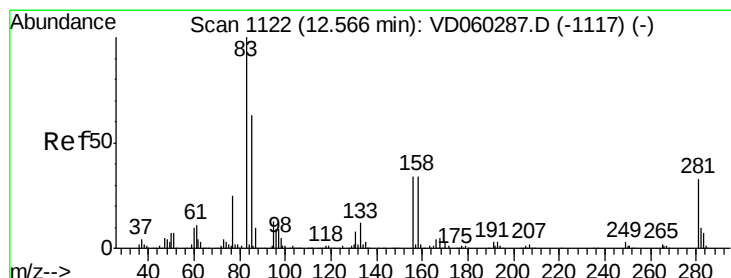
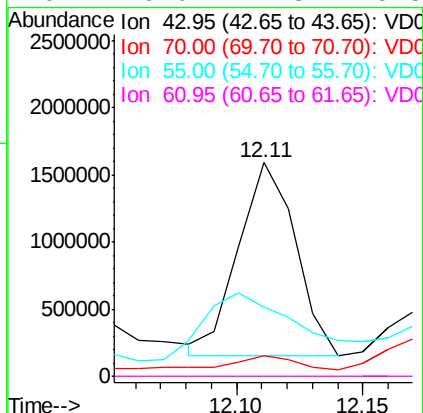
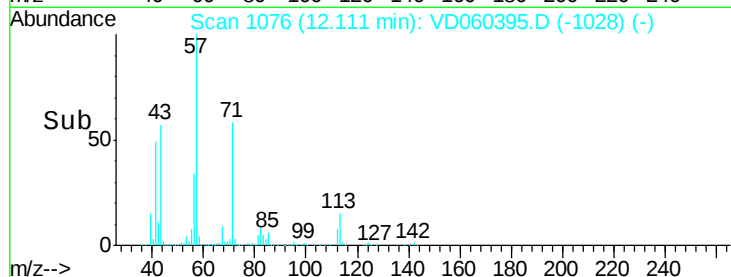
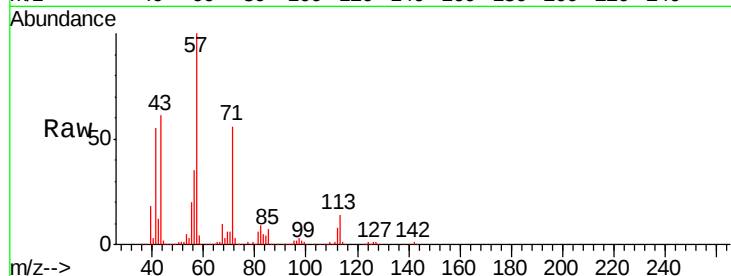
Ion Ratio Lower Upper

43 100

70 9.5 23.0 34.4#

55 32.6 14.2 21.4#

61 0.0 17.8 26.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 13.95 ug/l

RT: 12.55 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

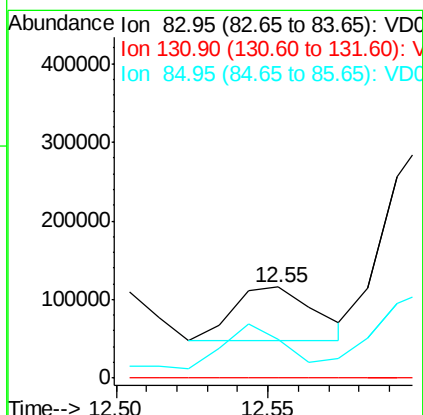
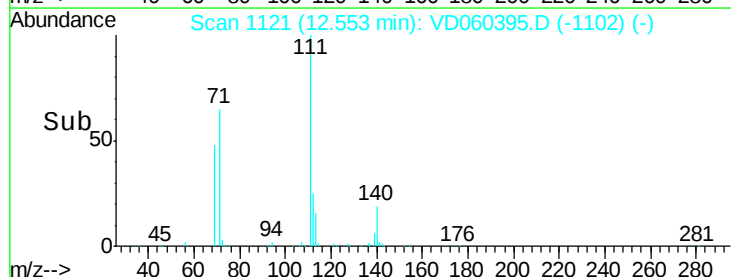
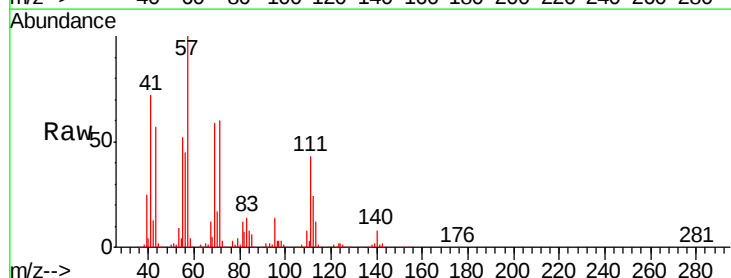
Tgt Ion: 83 Resp: 127885

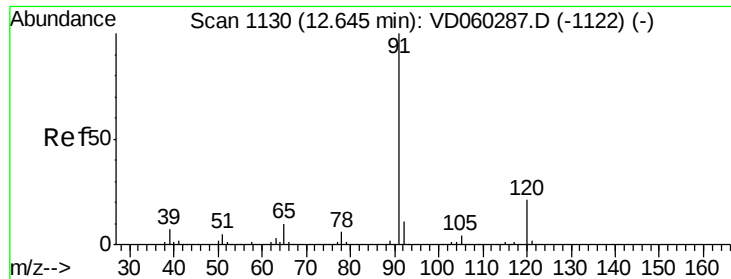
Ion Ratio Lower Upper

83 100

131 0.0 3.9 11.5#

85 42.1 32.0 96.0

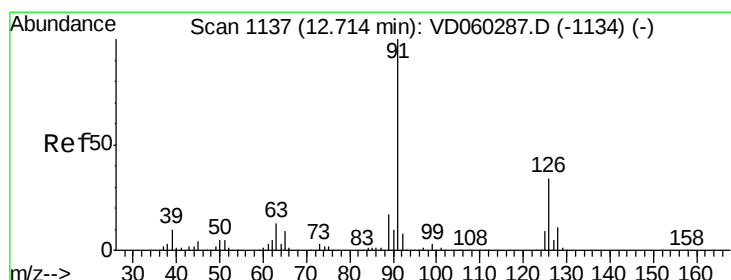
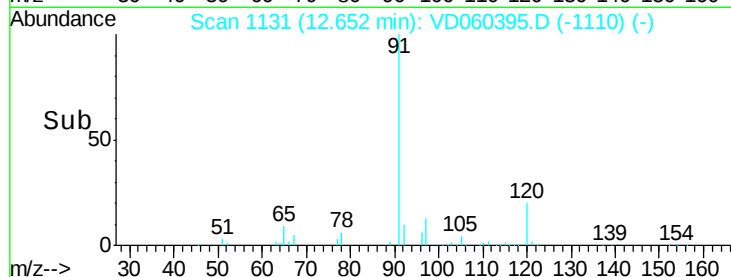
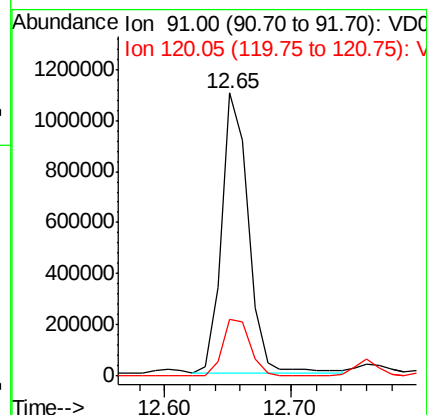
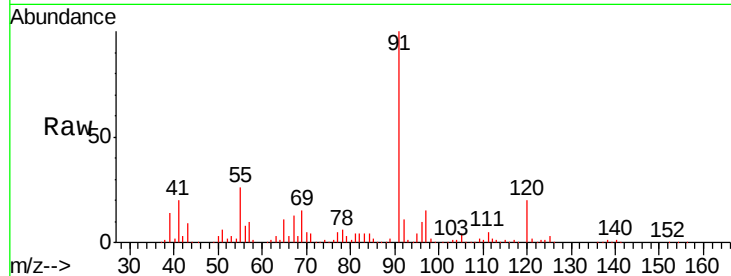




#78
n-propylbenzene
Concen: 22.89 ug/l
RT: 12.65 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

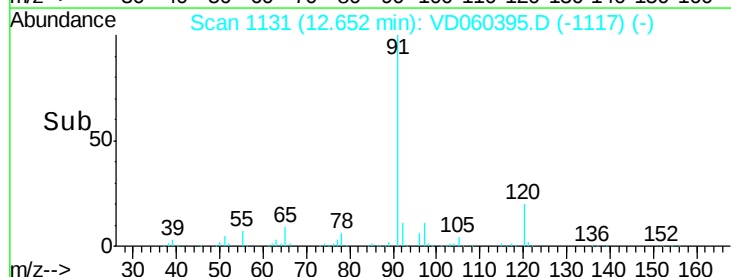
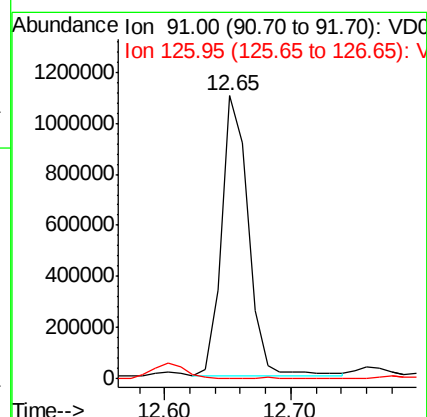
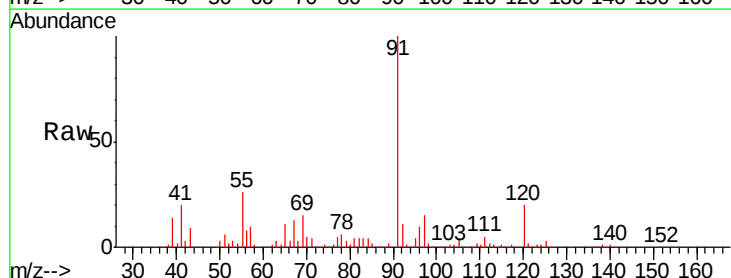
Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

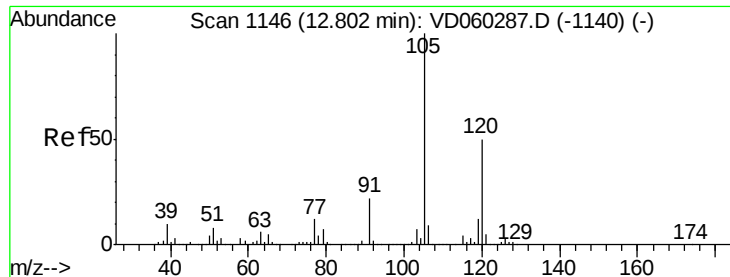
Tgt Ion: 91 Resp: 1601005
Ion Ratio Lower Upper
91 100
120 20.0 10.4 31.4



#79
2-Chlorotoluene
Concen: 41.78 ug/l
RT: 12.65 min Scan# 1131
Delta R.T. -0.06 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 91 Resp: 1601005
Ion Ratio Lower Upper
91 100
126 0.3 17.4 52.2#





#80

1,3,5-Trimethylbenzene

Concen: 3.54 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

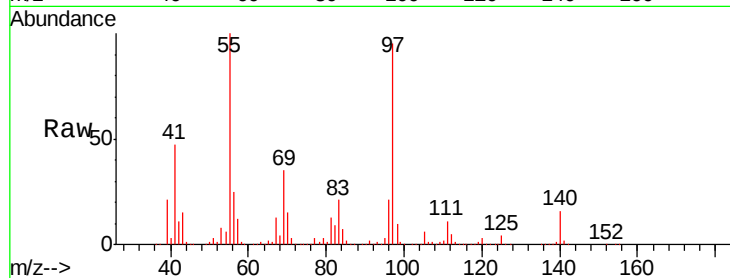
FDSB-07(20-22)

Tgt Ion:105 Resp: 154044

Ion Ratio Lower Upper

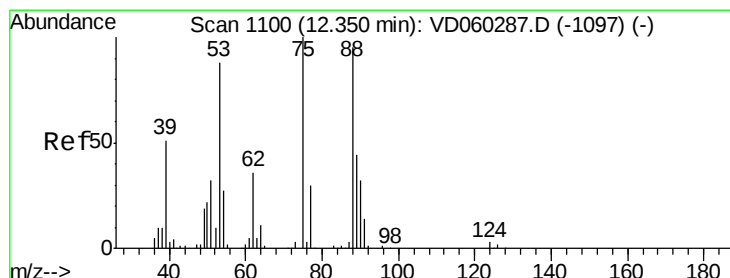
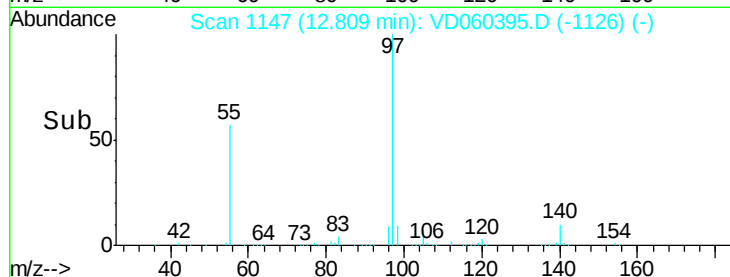
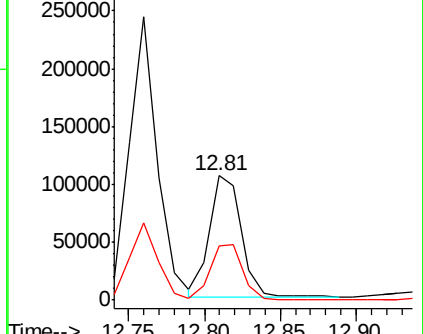
105 100

120 44.1 24.4 73.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 80.47 ug/l

RT: 12.45 min Scan# 1110

Delta R.T. 0.10 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

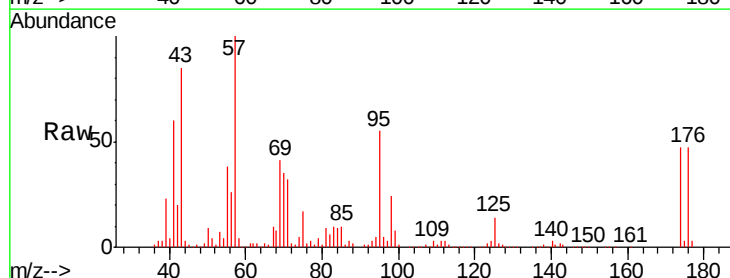
Tgt Ion: 75 Resp: 210812

Ion Ratio Lower Upper

75 100

53 40.8 68.6 103.0#

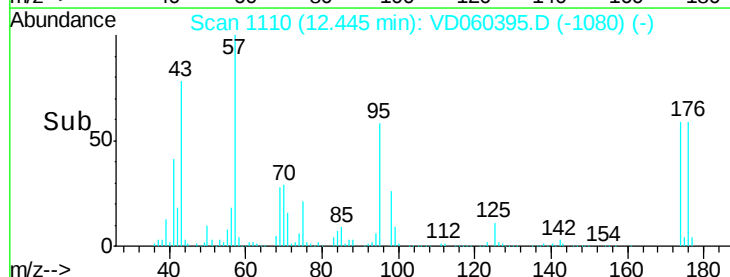
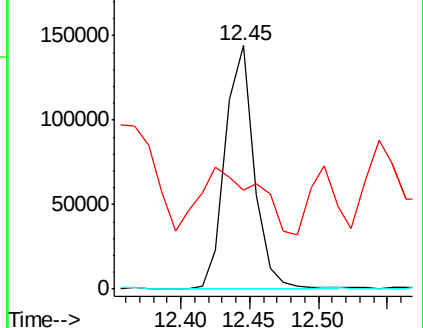
89 0.0 34.1 51.1#

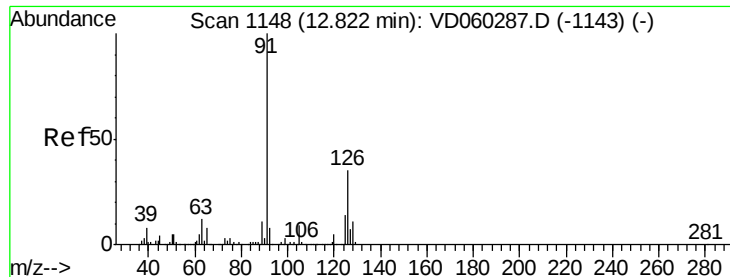


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

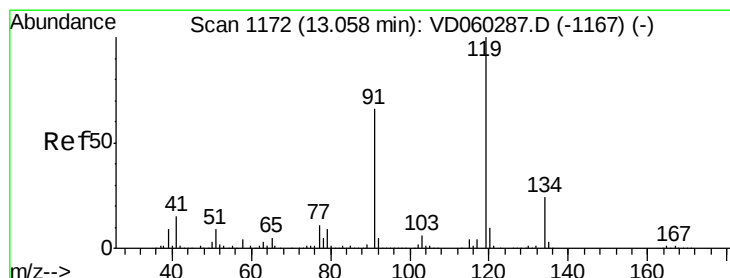
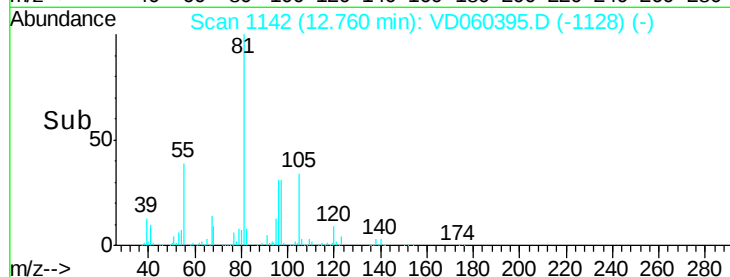
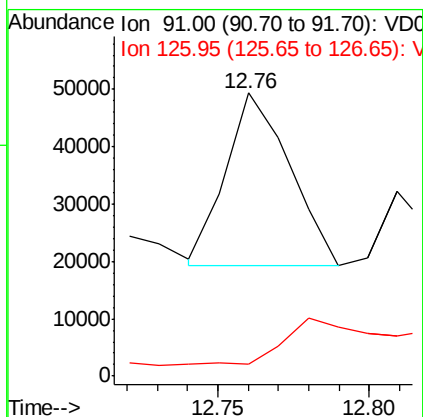
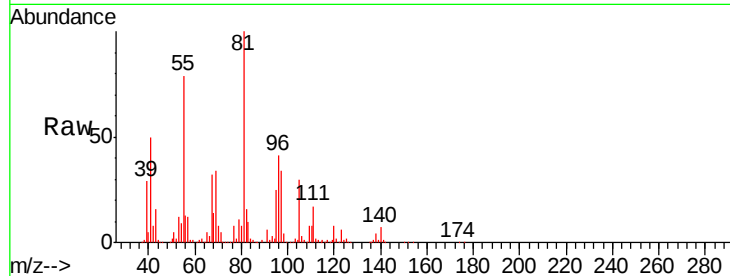




#82
4-Chlorotoluene
Concen: 1.02 ug/l
RT: 12.76 min Scan# 1142
Delta R.T. -0.06 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

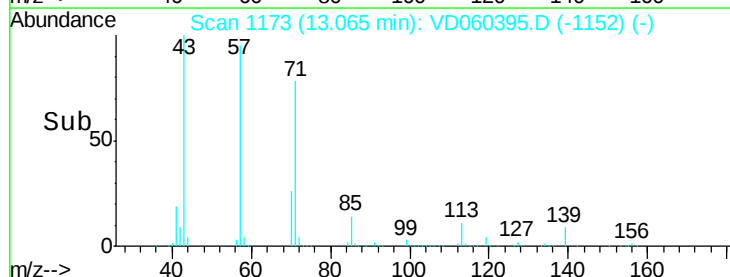
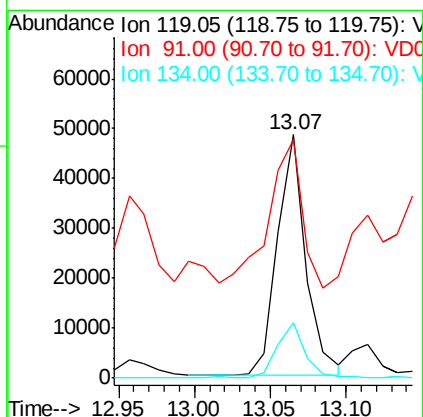
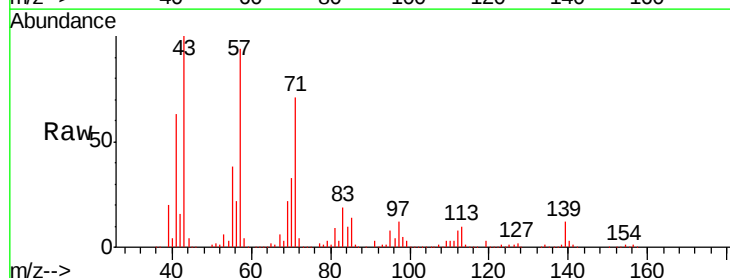
Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

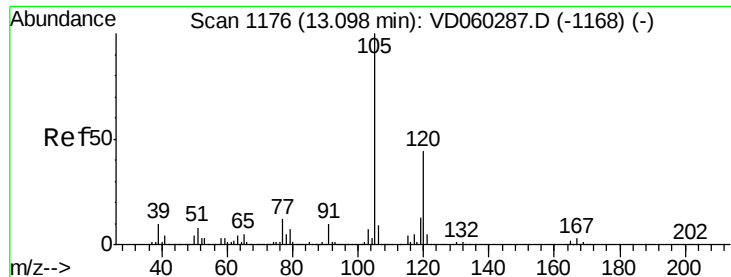
Tgt Ion: 91 Resp: 43902
Ion Ratio Lower Upper
91 100
126 4.1 14.8 44.4#



#83
tert-Butylbenzene
Concen: 1.32 ug/l
RT: 13.07 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 119 Resp: 63942
Ion Ratio Lower Upper
119 100
91 98.0 32.7 98.1
134 22.8 12.1 36.3

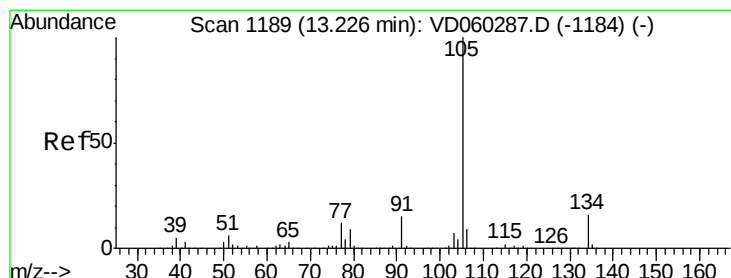
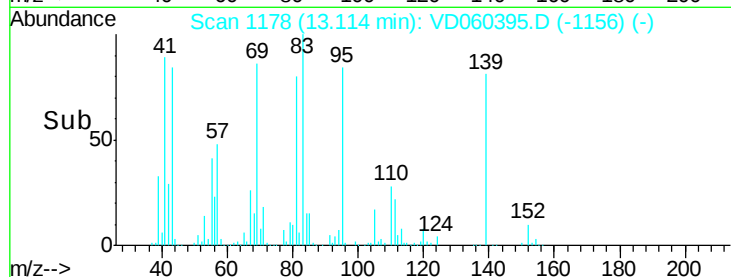
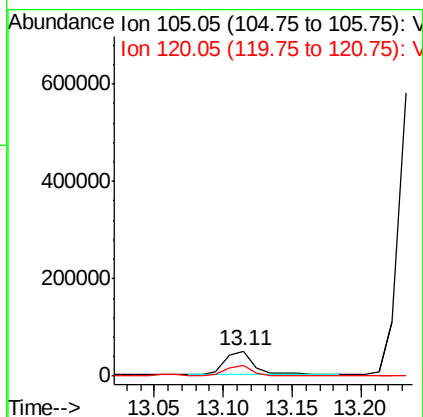
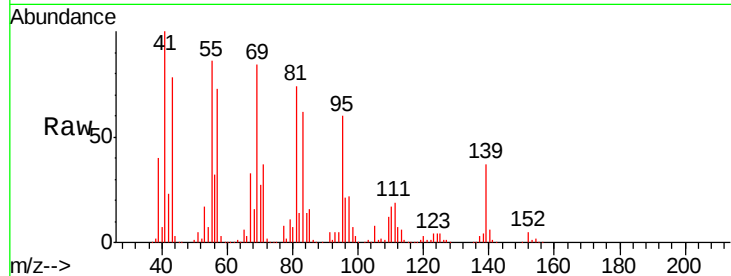




#84
1,2,4-Trimethylbenzene
Concen: 1.69 ug/l
RT: 13.11 min Scan# 1178
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

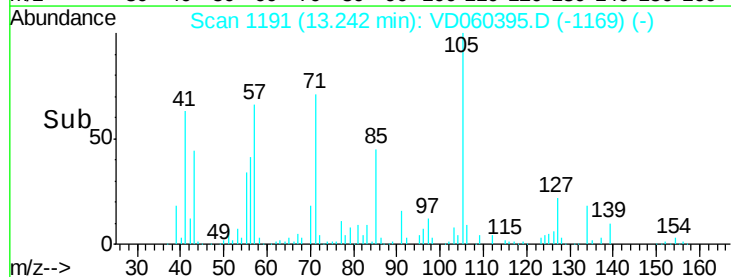
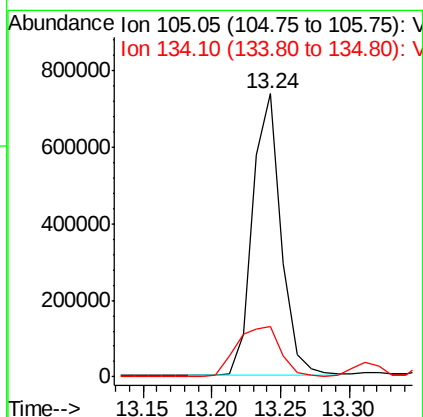
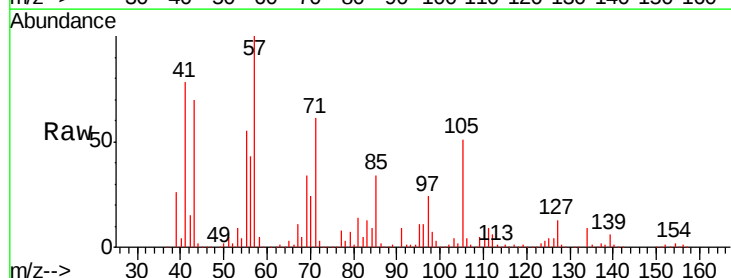
Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

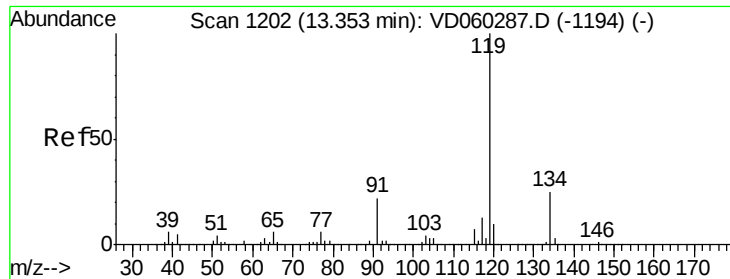
Tgt Ion:105 Resp: 73630
Ion Ratio Lower Upper
105 100
120 41.9 21.9 65.8



#85
sec-Butylbenzene
Concen: 18.01 ug/l
RT: 13.24 min Scan# 1191
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion:105 Resp: 1068360
Ion Ratio Lower Upper
105 100
134 17.7 8.0 24.0

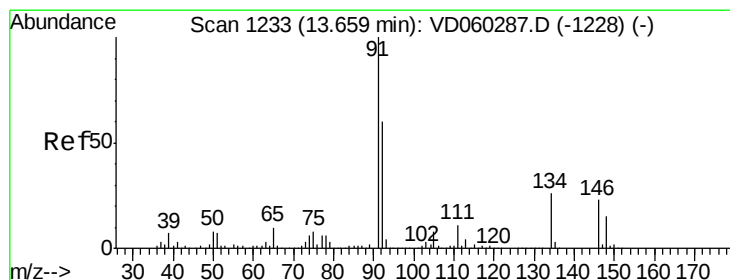
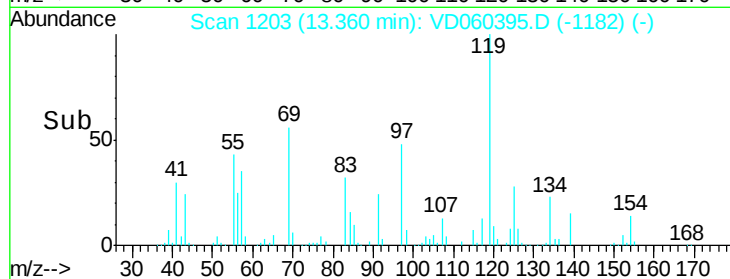
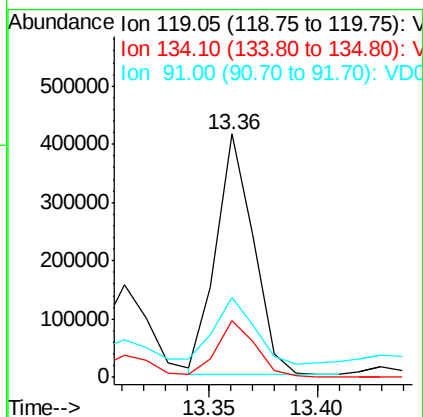
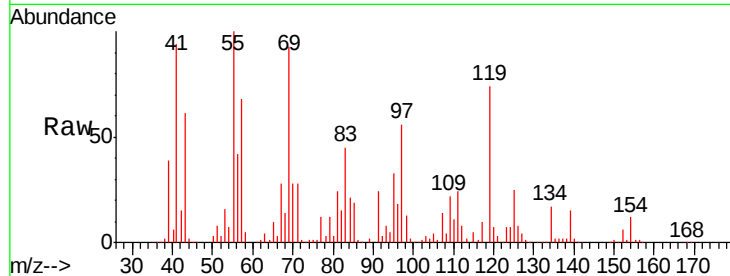




#86
 p-Isopropyltoluene
 Concen: 10.46 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: VD060395.D
 Acq: 16 Nov 2018 13:49

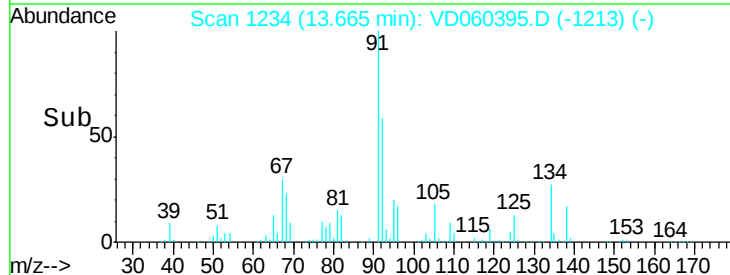
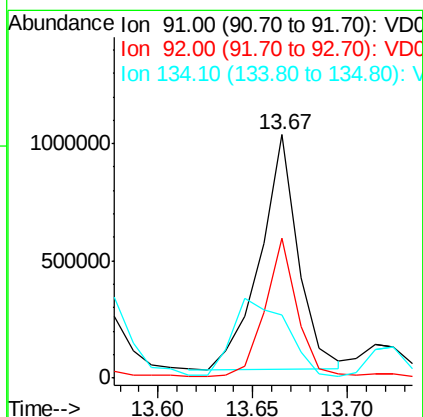
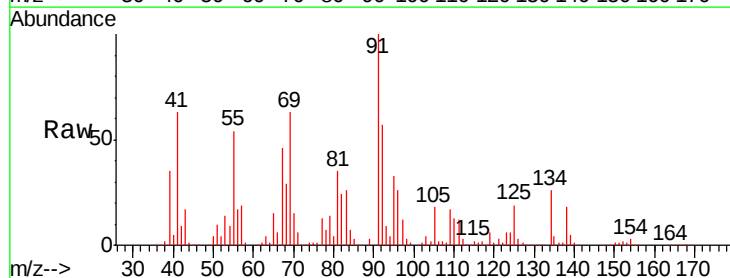
Instrument :
 MSVOA_D
 ClientSampleID :
 FDSB-07(20-22)

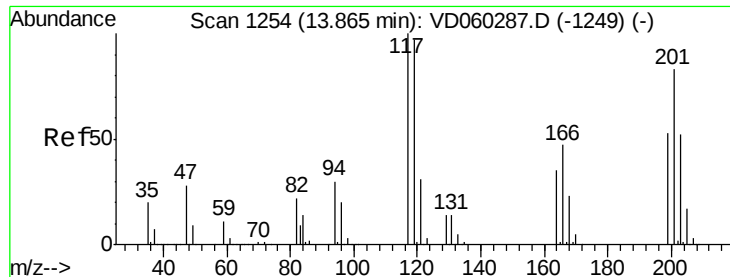
Tgt Ion: 119 Resp: 499889
 Ion Ratio Lower Upper
 119 100
 134 23.2 12.9 38.6
 91 32.9 11.3 33.8



#89
 n-Butylbenzene
 Concen: 27.55 ug/l
 RT: 13.67 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: VD060395.D
 Acq: 16 Nov 2018 13:49

Tgt Ion: 91 Resp: 1396211
 Ion Ratio Lower Upper
 91 100
 92 57.4 30.3 90.9
 134 26.1 13.0 38.9





#90

Hexachloroethane

Concen: 6.04 ug/l

RT: 13.84 min Scan# 1252

Delta R.T. -0.02 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

Instrument :

MSVOA_D

ClientSampleId :

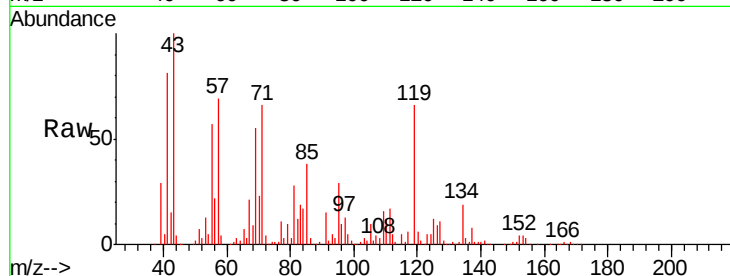
FDSB-07(20-22)

Tgt Ion:117 Resp: 68448

Ion Ratio Lower Upper

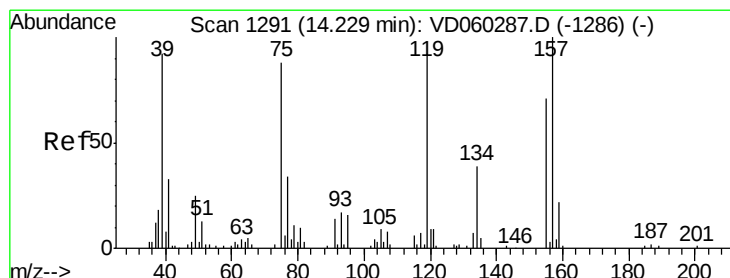
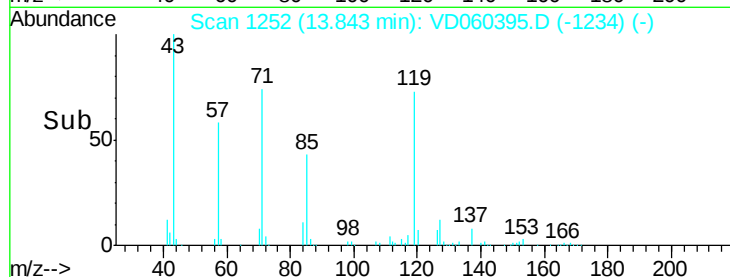
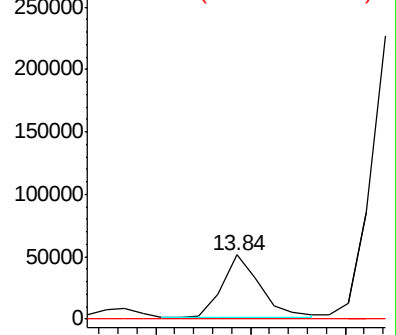
117 100

201 0.0 40.1 120.3#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.51 ug/l

RT: 14.21 min Scan# 1289

Delta R.T. -0.02 min

Lab File: VD060395.D

Acq: 16 Nov 2018 13:49

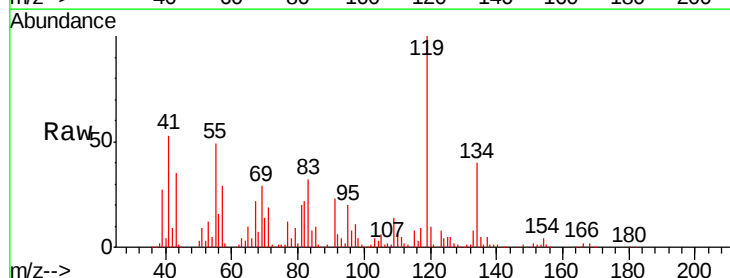
Tgt Ion: 75 Resp: 23805

Ion Ratio Lower Upper

75 100

155 74.3 64.3 192.9

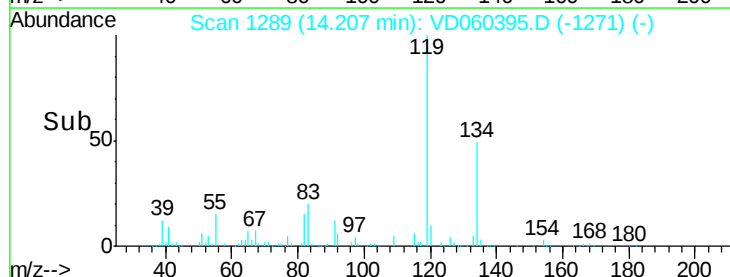
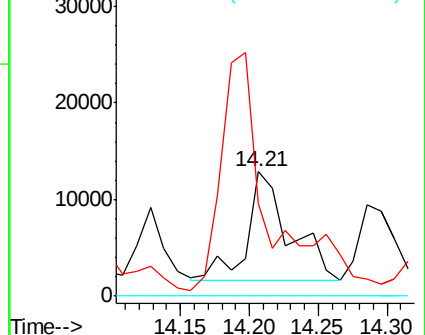
157 0.0 81.0 243.1#

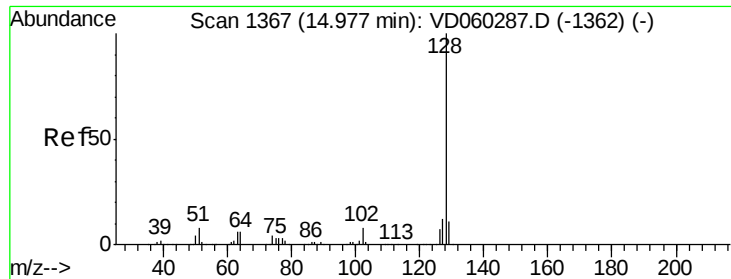


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95
Naphthalene
Concen: 2.43 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion:128 Resp: 51108
Ion Ratio Lower Upper
128 100
127 36.9 9.6 14.4#
129 92.2 8.6 12.8#

