

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001216.D
 Acq On : 15 Jan 2020 14:32
 Operator : SY/MD
 Sample : L1125-02
 Misc : 7.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-25A-(6.5-7)

Quant Time: Jan 16 04:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	309105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	274714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	112551	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	94759	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
35) Dibromofluoromethane	7.73	113	91724	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	10.18	98	358601	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	125060	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	

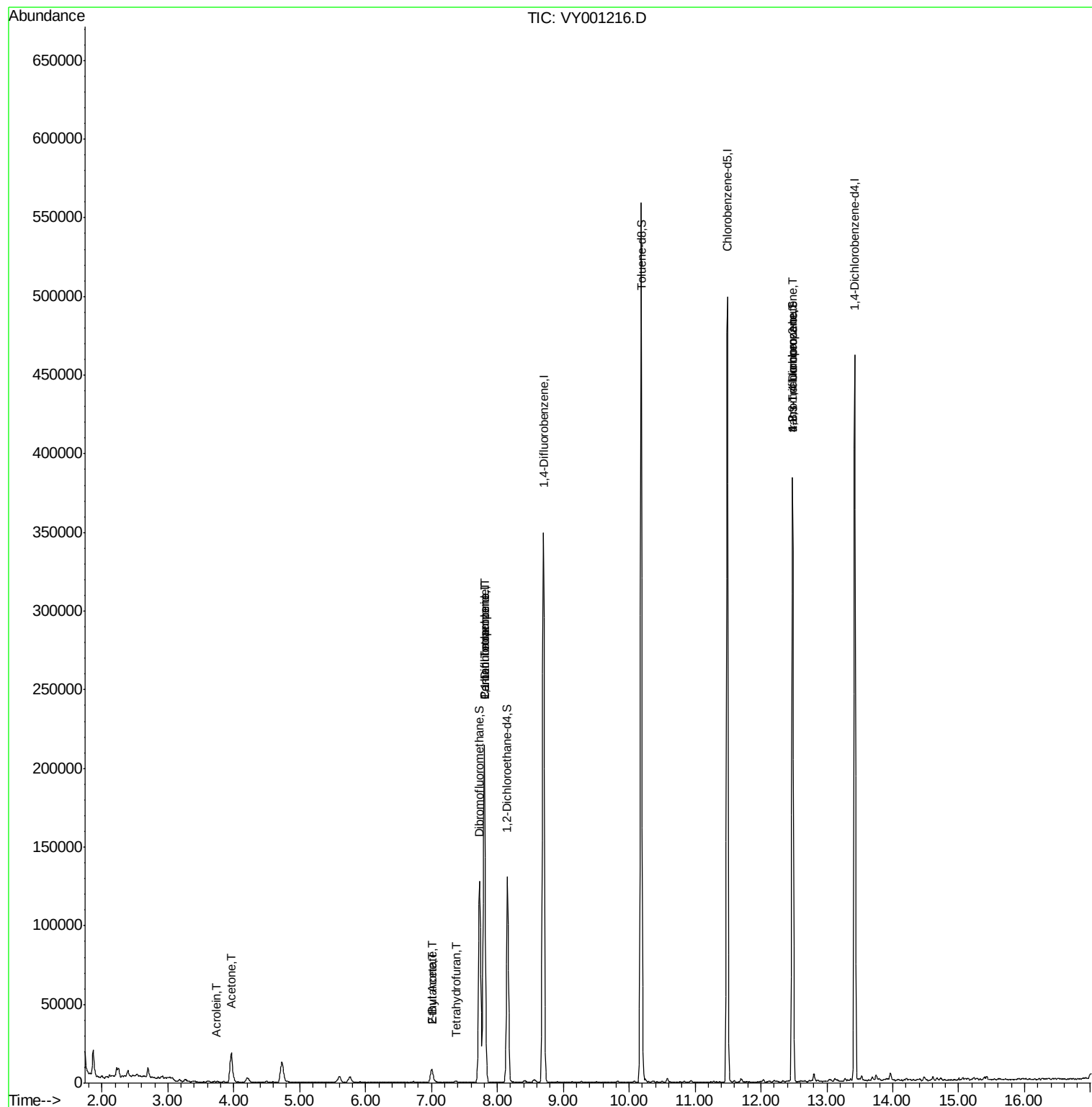
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.74	56	367	2.258	ug/l #	14
16) Acetone	3.96	43	31338	75.199	ug/l	99
20) Methylene Chloride	4.74	84	9967	Below Cal		97
25) 2-Butanone	7.01	43	13935	21.485	ug/l	98
29) Tetrahydrofuran	7.37	42	603	1.357	ug/l #	56
36) 1,1-Dichloropropene	7.80	75	12898	4.578	ug/l #	48
37) Ethyl Acetate	7.01	43	13935	8.428	ug/l #	68
38) Carbon Tetrachloride	7.80	117	16771	6.496	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	59767	49.605	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	59767	84.119	ug/l #	6

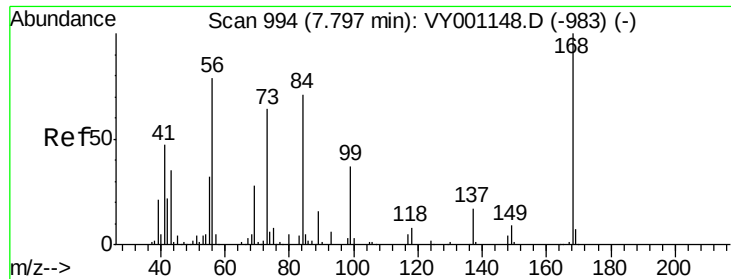
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

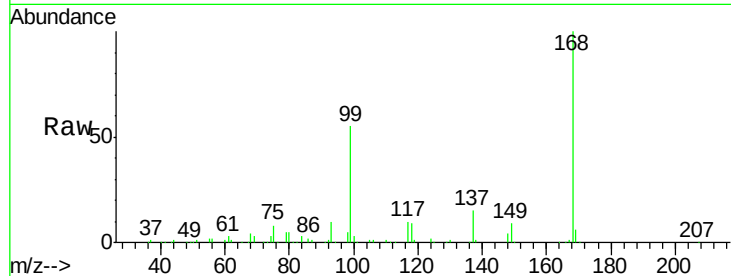
FESB-25A-(6.5-7)

Tgt Ion:168 Resp: 169895

Ion Ratio Lower Upper

168 100

99 55.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

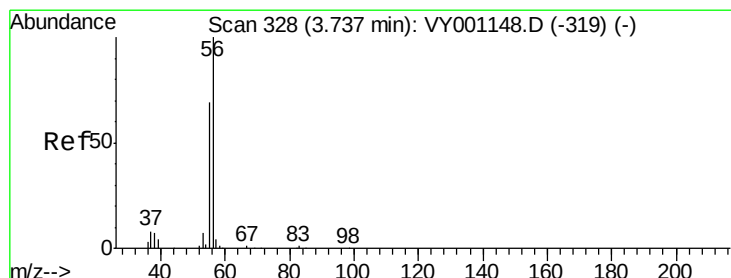
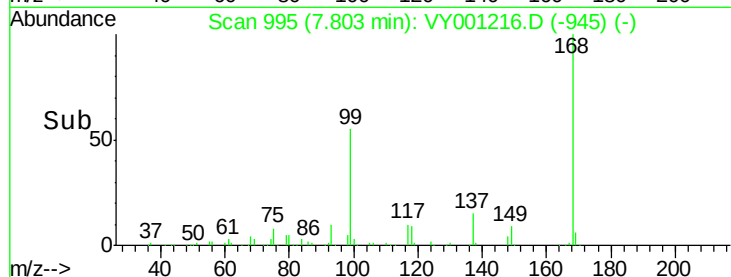
0

7.70

7.80

7.90

Time-->



#13

Acrolein

Concen: 2.258 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001216.D

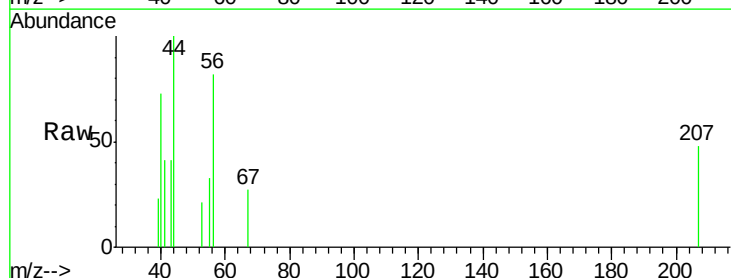
Acq: 15 Jan 2020 14:32

Tgt Ion: 56 Resp: 367

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VY001148.D (-319) (-)

Ion 55.00 (54.70 to 55.70): VY001148.D (-319) (-)

3.74

200

150

100

50

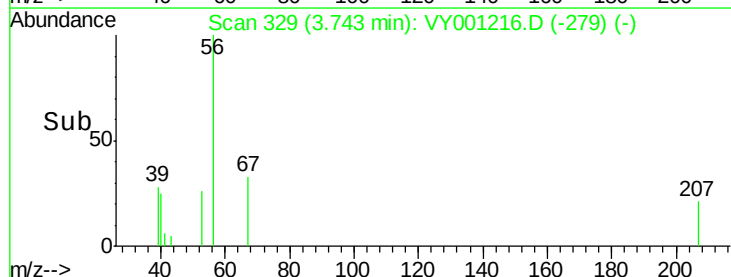
0

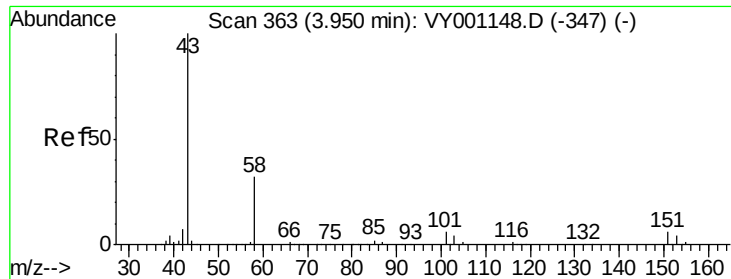
3.70

3.75

3.80

Time-->

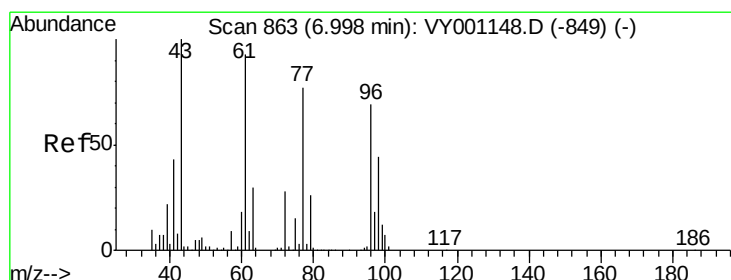
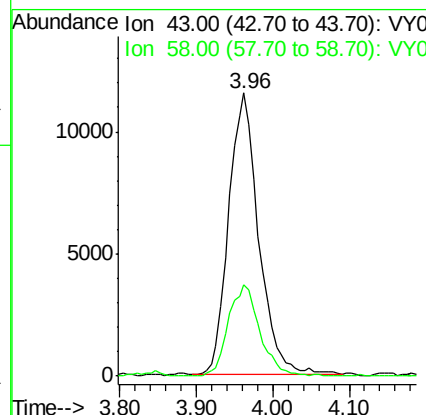
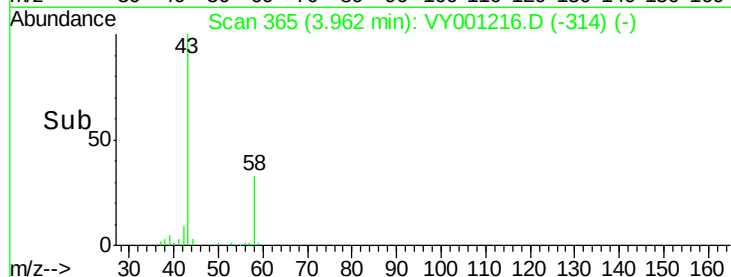
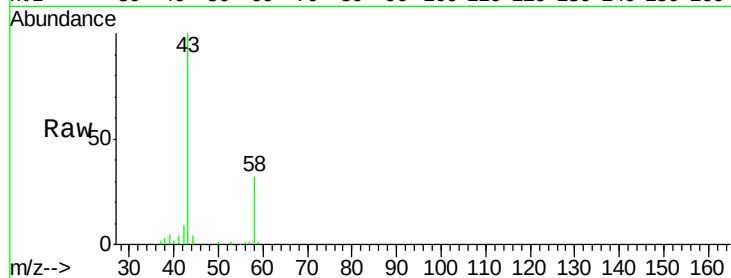




#16
Acetone
Concen: 75.199 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

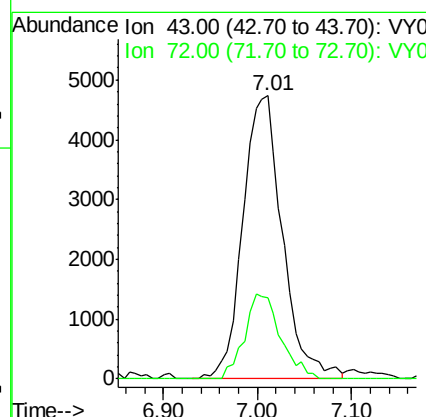
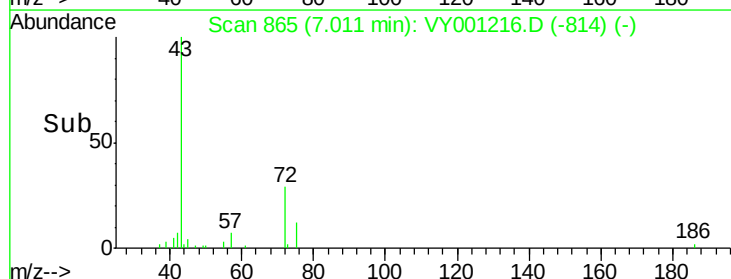
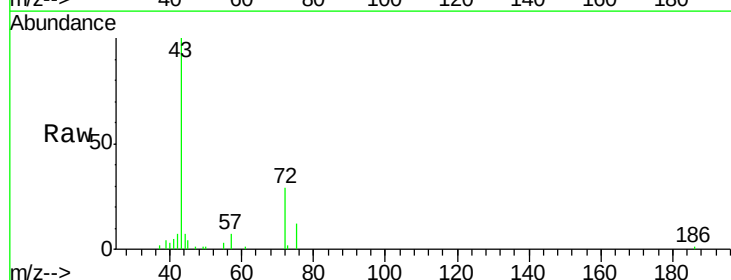
Instrument :
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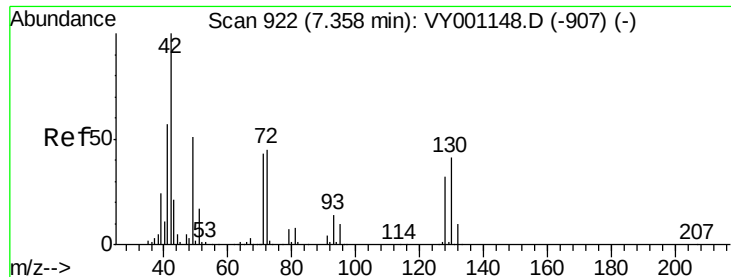
Tgt Ion: 43 Resp: 31338
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.6



#25
2-Butanone
Concen: 21.485 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Tgt Ion: 43 Resp: 13935
Ion Ratio Lower Upper
43 100
72 28.9 22.2 33.2





#29

Tetrahydrofuran

Concen: 1.357 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

FESB-25A-(6.5-7)

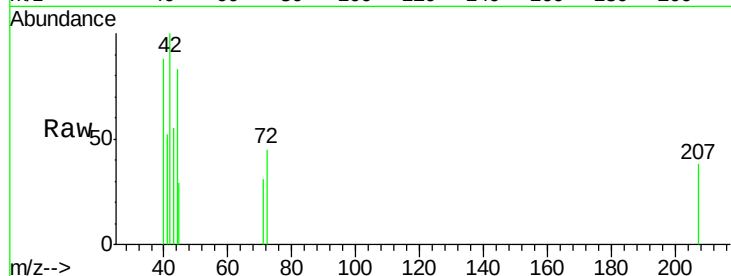
Tgt Ion: 42 Resp: 603

Ion Ratio Lower Upper

42 100

72 19.4 36.9 55.3#

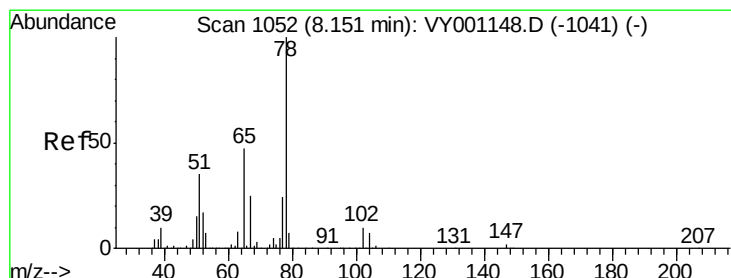
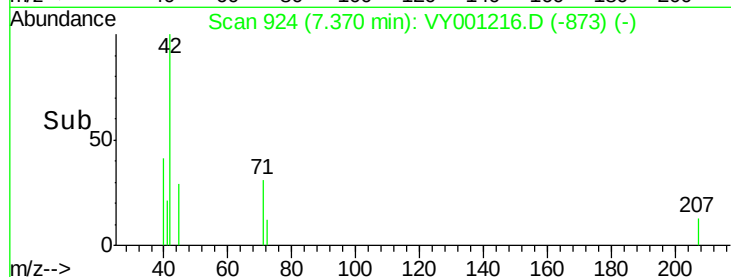
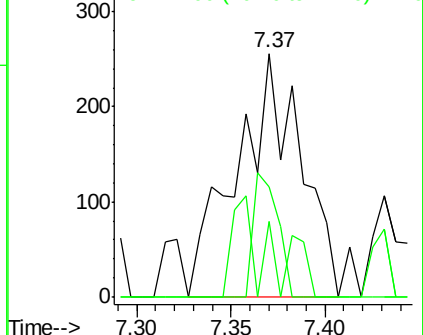
71 11.9 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001216.D

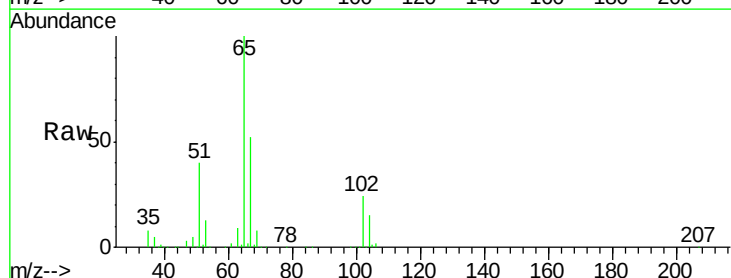
Acq: 15 Jan 2020 14:32

Tgt Ion: 65 Resp: 94759

Ion Ratio Lower Upper

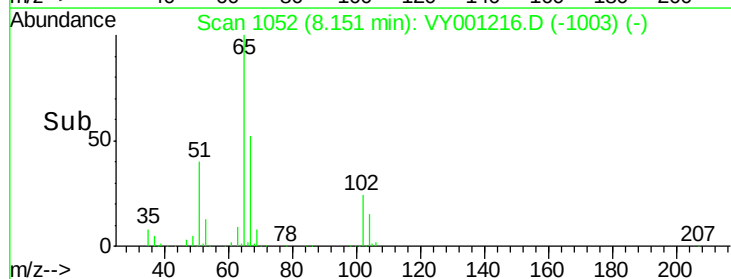
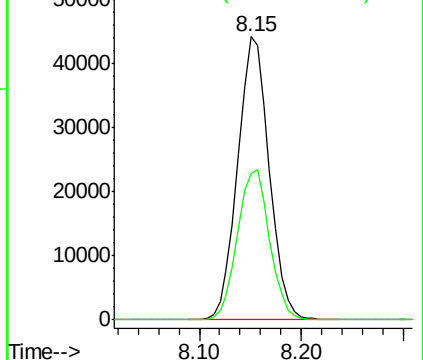
65 100

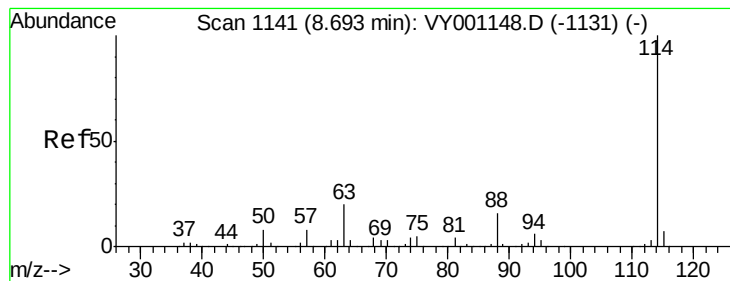
67 54.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

FESB-25A-(6.5-7)

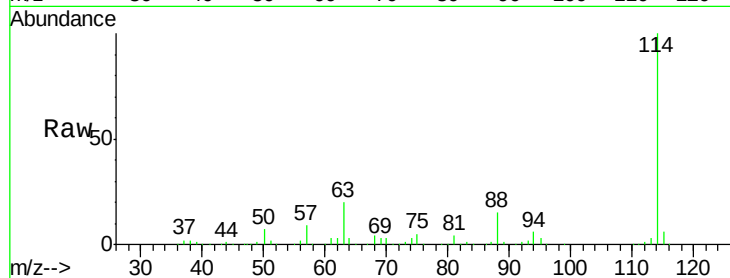
Tgt Ion:114 Resp: 309105

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

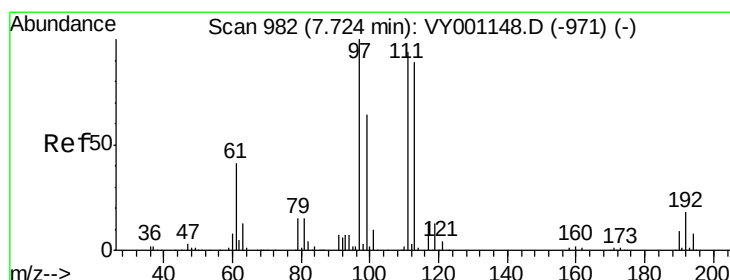
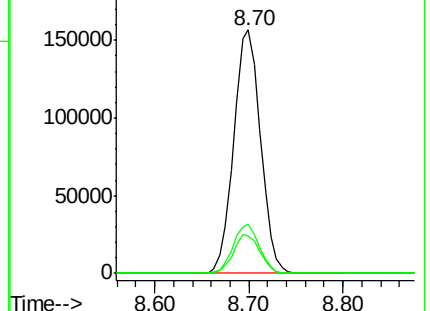
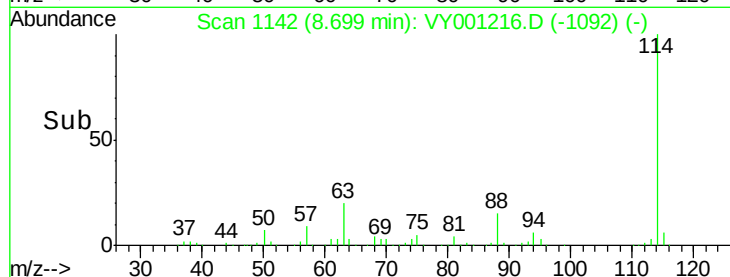
88 15.3 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.682 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

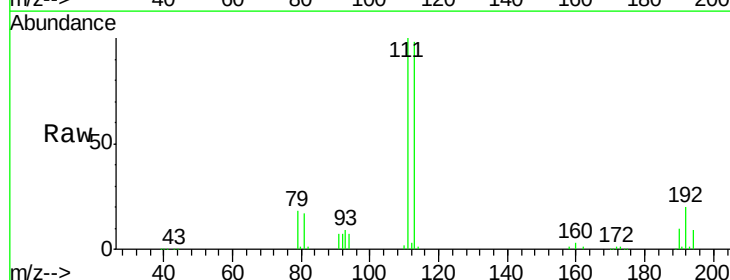
Tgt Ion:113 Resp: 91724

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

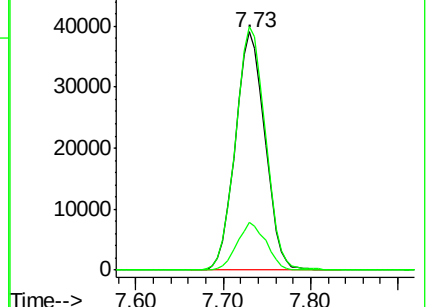
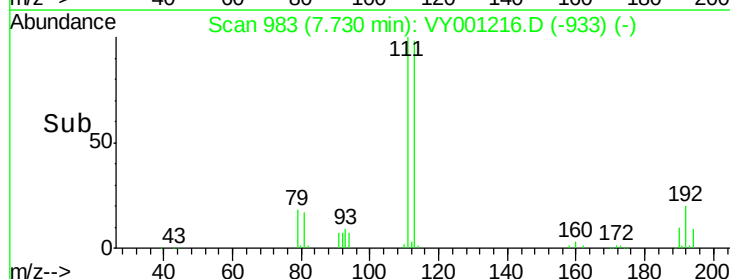
192 19.6 15.4 23.2

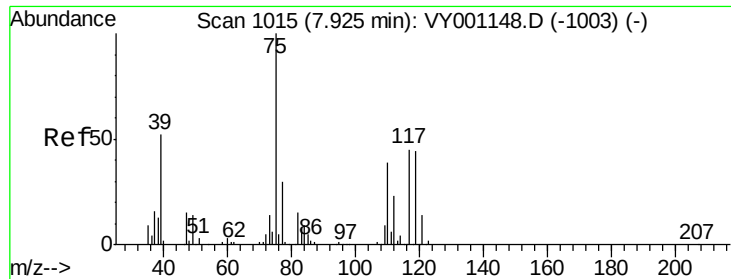


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

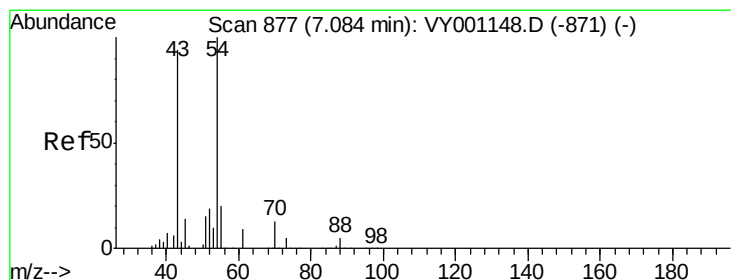
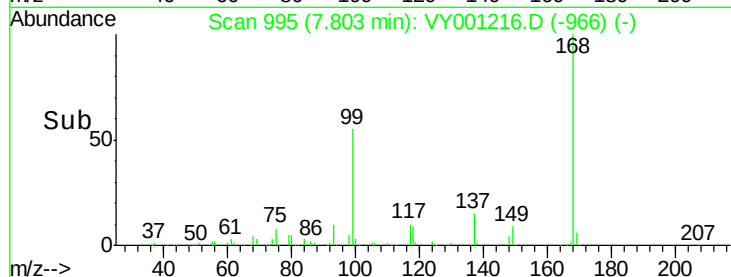
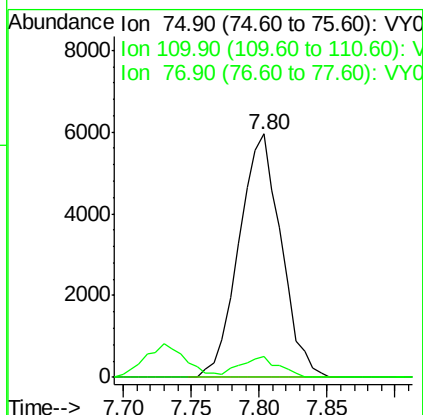
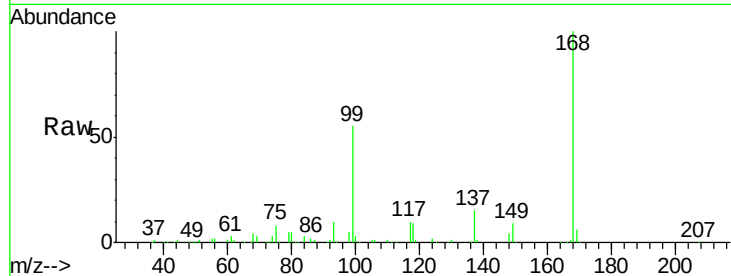




#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001216.D
 Acq: 15 Jan 2020 14:32

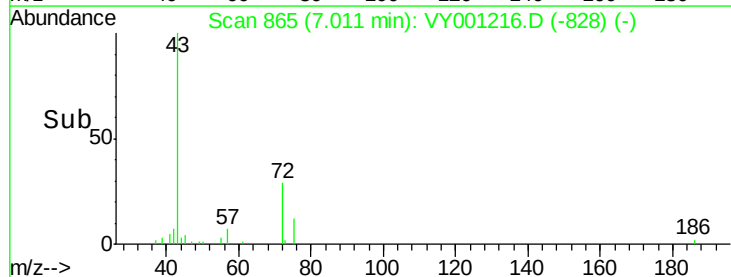
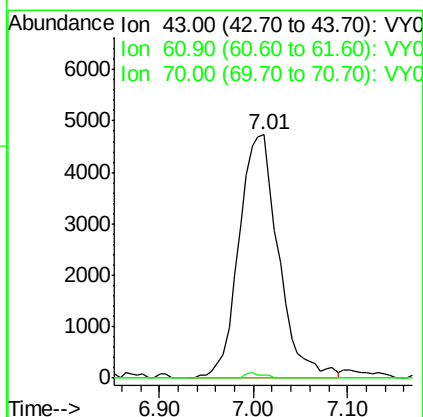
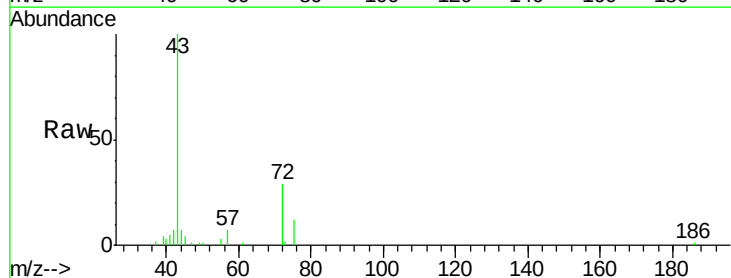
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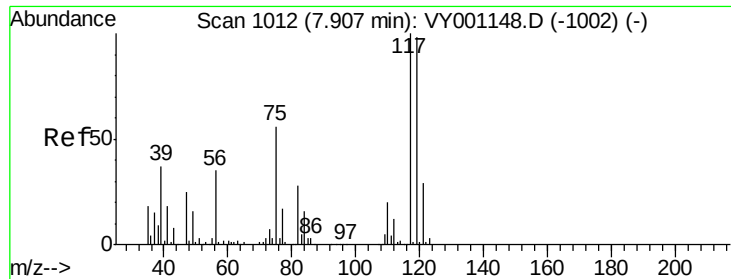
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.3	54.8#
77	0.0	25.1	37.7#



#37
 Ethyl Acetate
 Concen: 8.428 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VY001216.D
 Acq: 15 Jan 2020 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.0	11.1	16.7#
70	0.0	9.7	14.5#

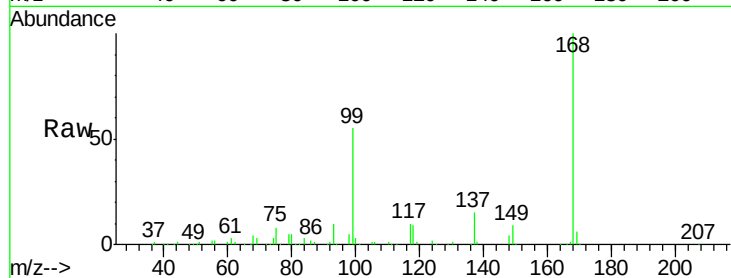




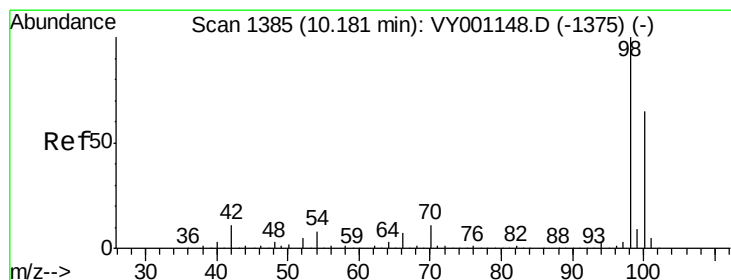
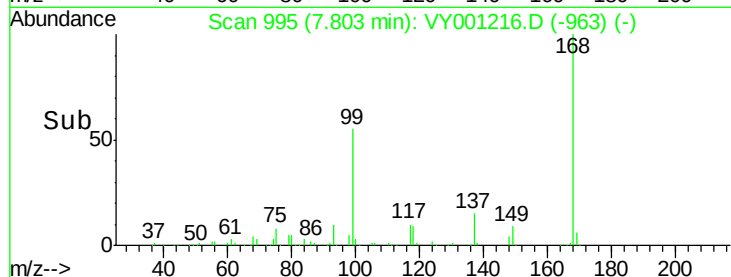
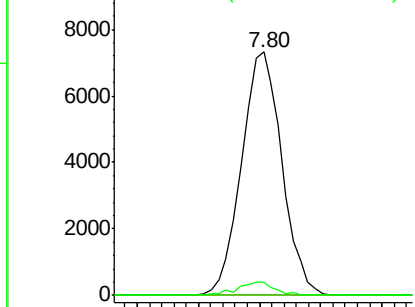
#38
Carbon Tetrachloride
Concen: 6.496 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:117 Resp: 16771
Ion Ratio Lower Upper
117 100
119 5.4 78.3 117.5#
121 0.0 23.5 35.3#

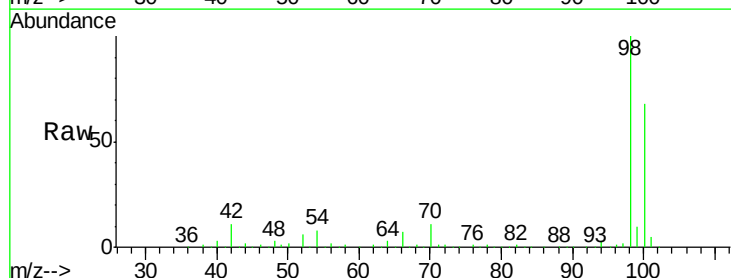


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

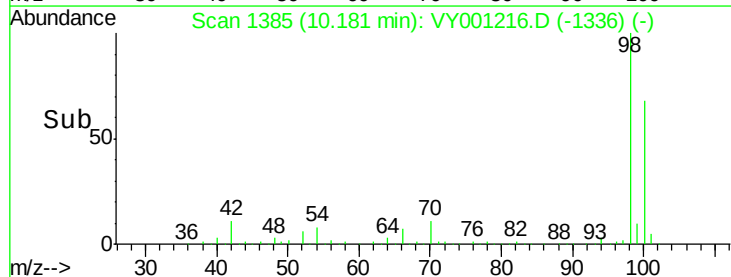
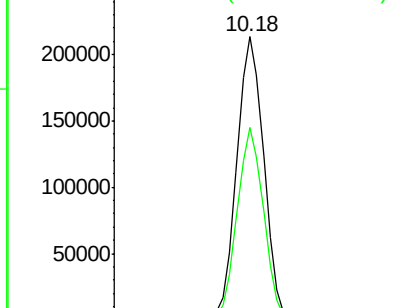


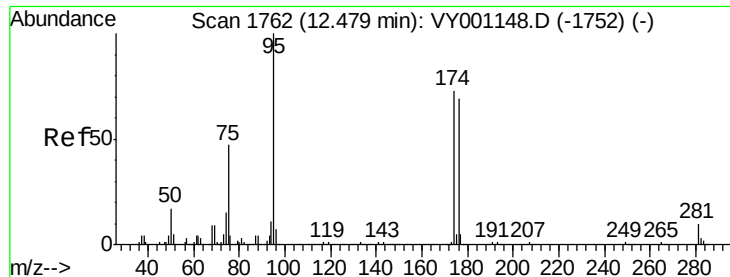
#50
Toluene-d8
Concen: 51.424 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Tgt Ion: 98 Resp: 358601
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

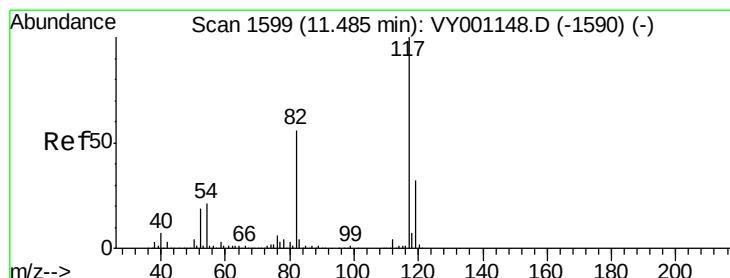
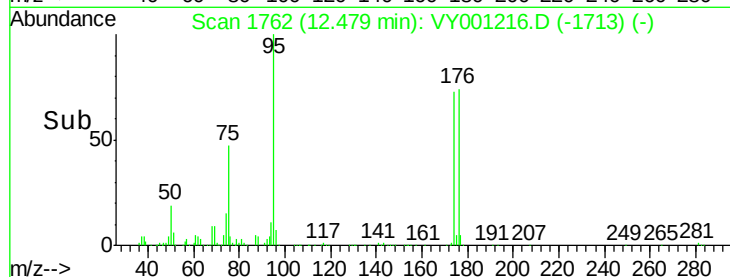
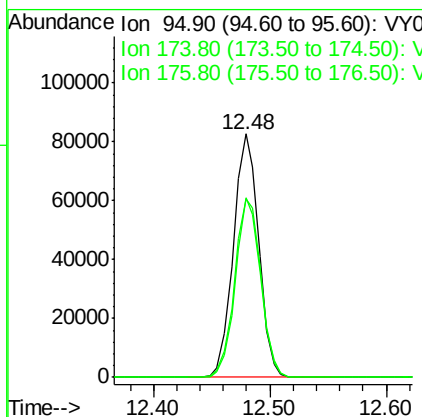
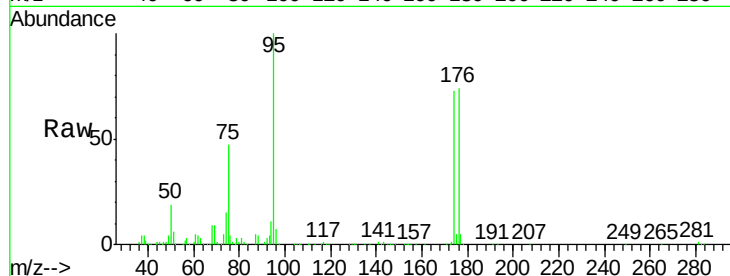




#62
4-Bromofluorobenzene
Concen: 43.866 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

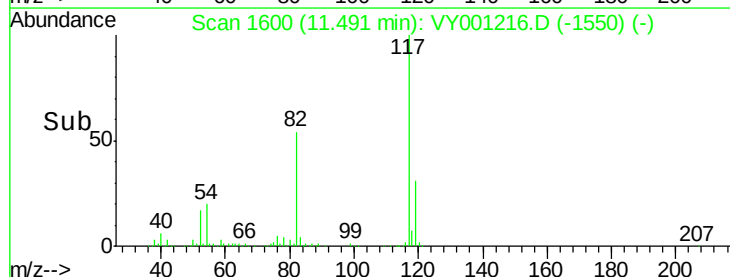
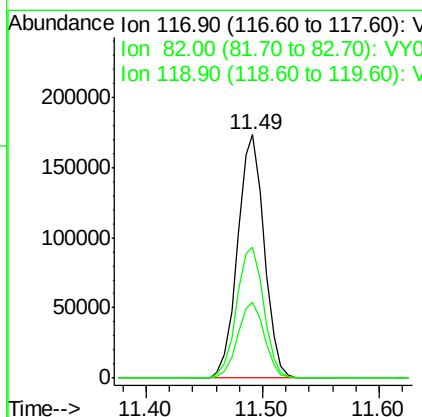
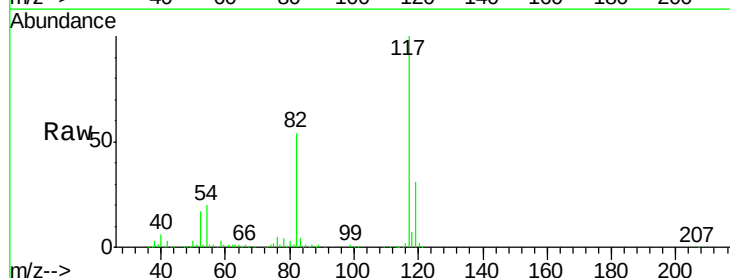
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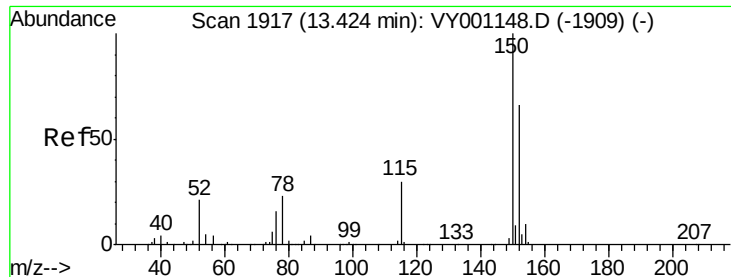
Tgt Ion: 95 Resp: 125060
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.2
176 73.3 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Tgt Ion: 117 Resp: 274714
Ion Ratio Lower Upper
117 100
82 53.6 44.9 67.3
119 30.9 25.7 38.5



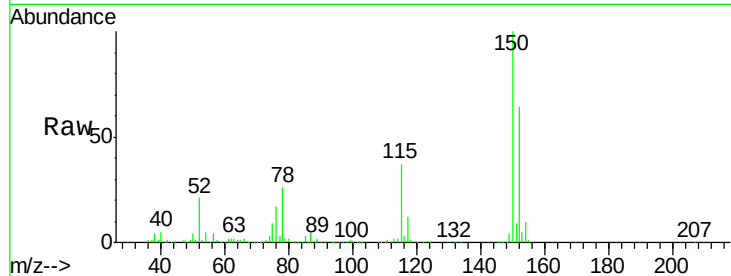


#72

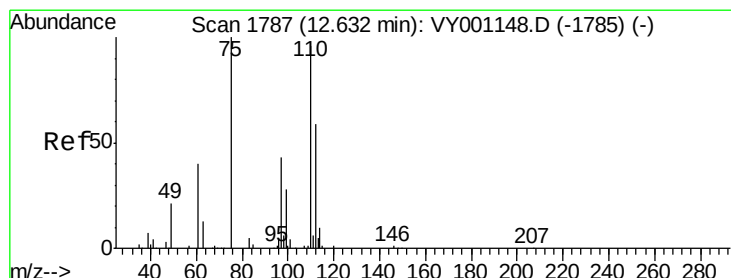
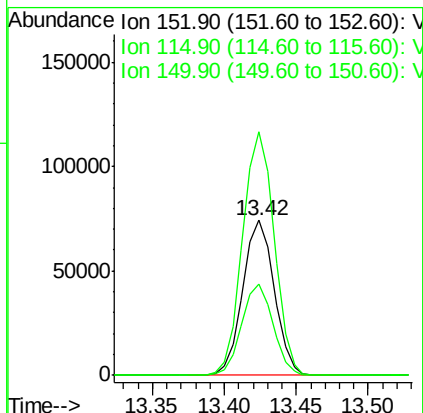
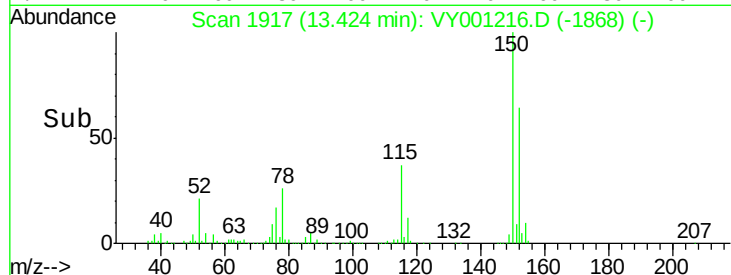
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
FESB-25A-(6.5-7)

Tgt Ion:152 Resp: 112551
Ion Ratio Lower Upper
152 100
115 58.6 30.9 92.5
150 157.7 0.0 346.8



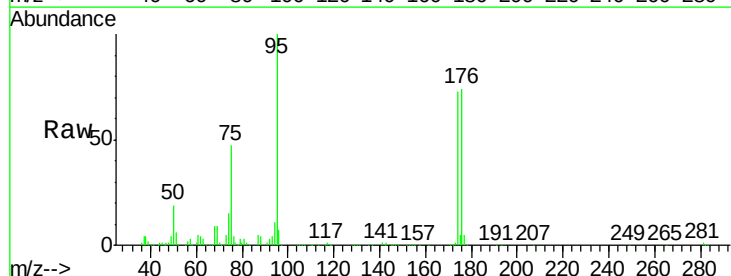
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



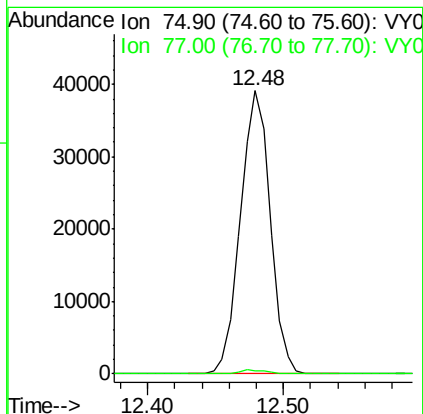
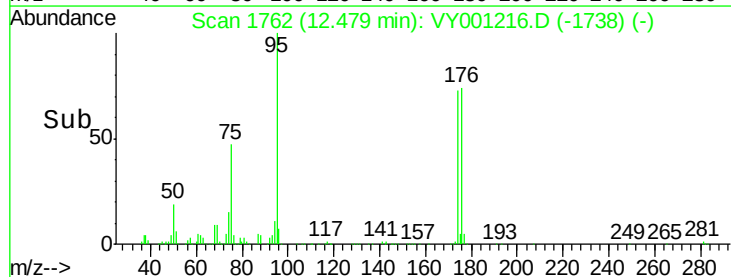
#76

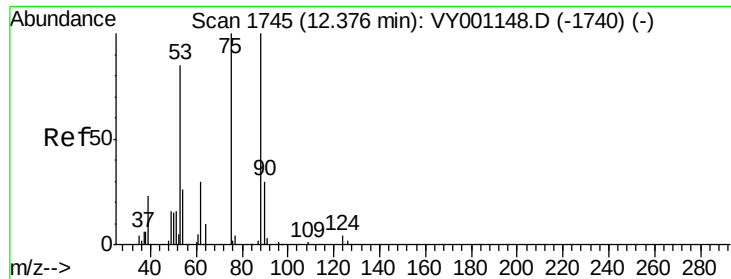
1,2,3-Trichloropropane
Concen: 49.605 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Tgt Ion: 75 Resp: 59767
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 84.119 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

FESB-25A-(6.5-7)

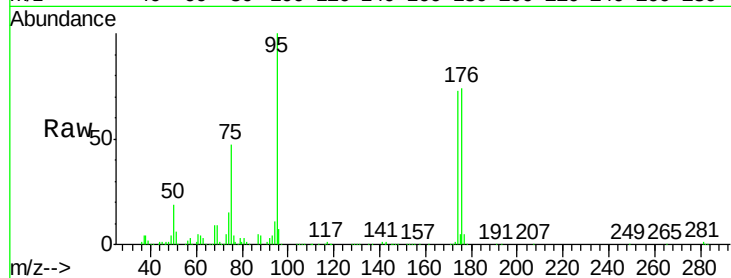
Tgt Ion: 75 Resp: 59767

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 0.0 0.0



Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

