

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060409.D
 Acq On : 16 Nov 2018 20:24
 Operator : JC/SY
 Sample : J5918-07
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-11(11-13)

Manual Integrations
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 11/19/2018 2:08:28 PM

Quant Time: Nov 17 04:01:24 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	6.42	168	1518684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2135426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1683607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	722387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	392979	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
35) Dibromofluoromethane	6.33	113	573657	36.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.06%	
50) Toluene-d8	9.47	98	1655325	35.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.04%	
62) 4-Bromofluorobenzene	12.43	95	552211	32.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.17	43	32293	17.121	ug/l	99
20) Methylene Chloride	3.74	84	85875	5.132	ug/l	98
25) 2-Butanone	5.63	43	21748	5.547	ug/l	98
31) Cyclohexane	6.41	56	56877m	2.191	ug/l	
39) Methylcyclohexane	8.06	83	128667	5.303	ug/l	93
73) Isopropylbenzene	12.29	105	342097	6.500	ug/l	98
78) n-propylbenzene	12.65	91	1061539	16.159	ug/l	96
83) tert-Butylbenzene	13.05	119	51090	1.125	ug/l	85
84) 1,2,4-Trimethylbenzene	13.10	105	378324	9.261	ug/l	95
85) sec-Butylbenzene	13.23	105	929139	16.677	ug/l	95
89) n-Butylbenzene	13.65	91	1146498	23.669	ug/l	97

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

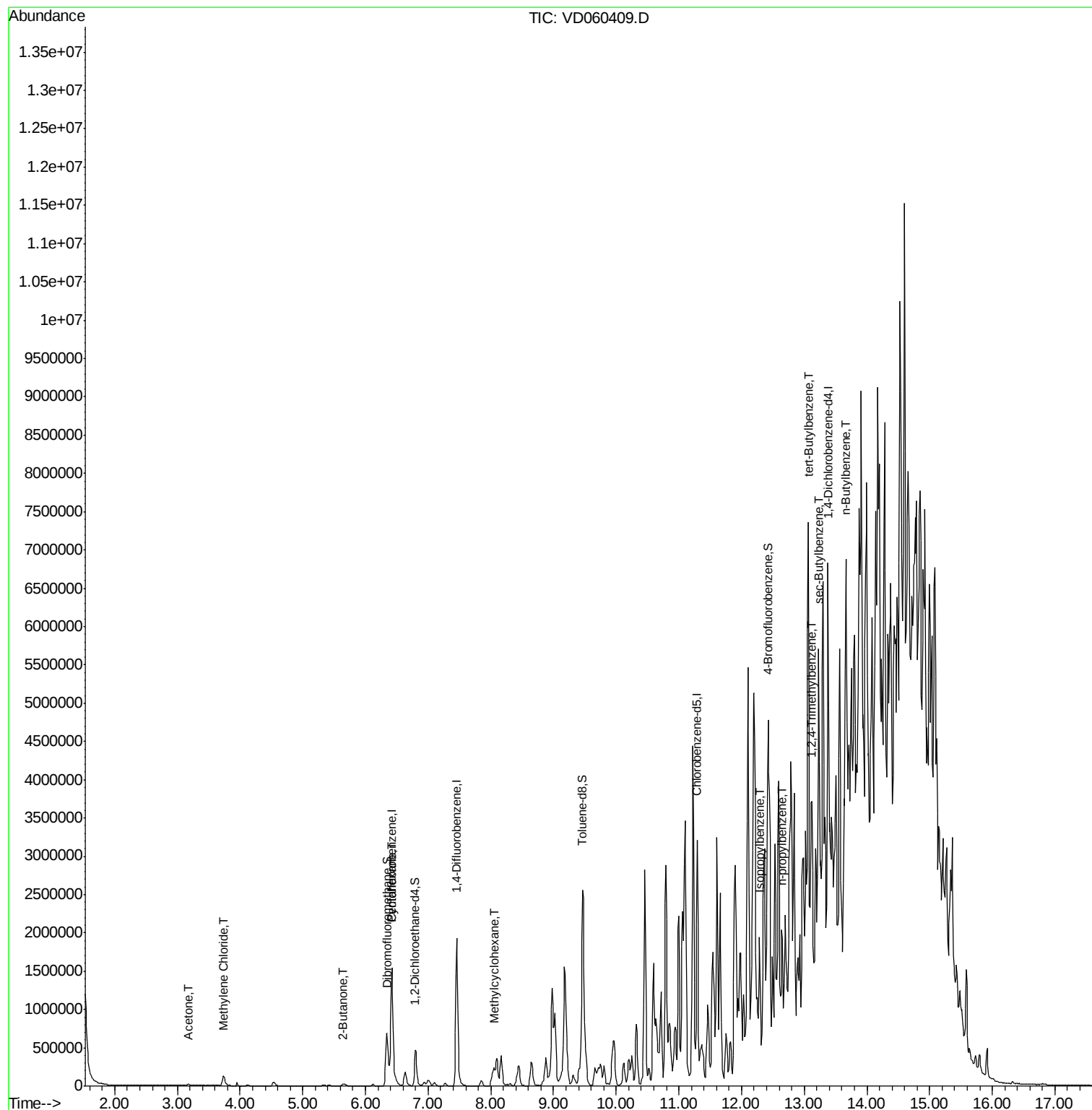
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111618\
Data File : VD060409.D
Acq On : 16 Nov 2018 20:24
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ClientSampleId :
FDSB-11(11-13)

Manual Integrations
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Quant Time: Nov 17 04:01:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060409.D

Acq: 16 Nov 2018 20:24

Instrument :

MSVOA_D

ClientSampleId :

FDSB-11(11-13)

Tot Ion:168 Resp: 1518684

Ion Ratio Lower Upper

168 100

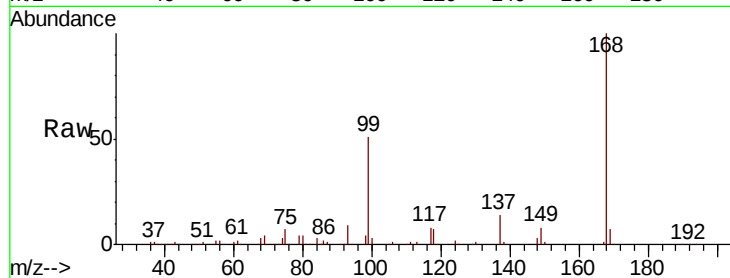
99 50.9 39.8 59.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

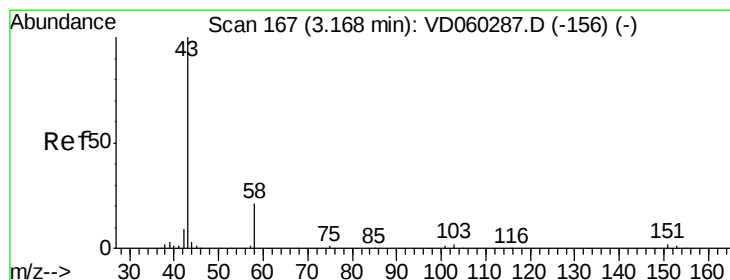
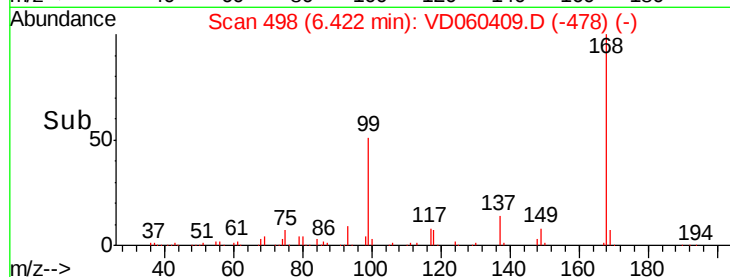
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 17.121 ug/l

RT: 3.17 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060409.D

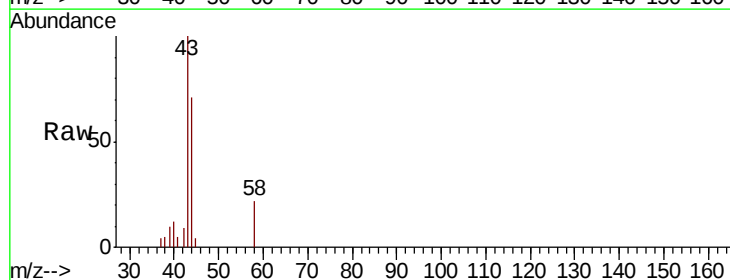
Acq: 16 Nov 2018 20:24

Tgt Ion: 43 Resp: 32293

Ion Ratio Lower Upper

43 100

58 21.6 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

10000

8000

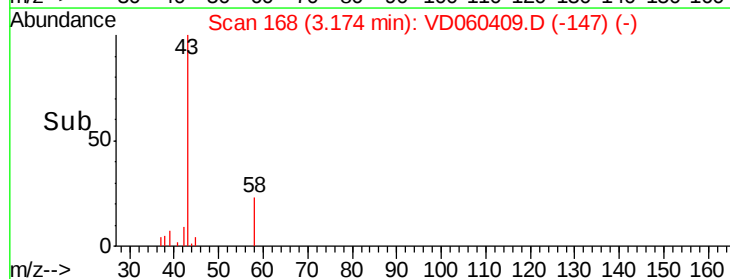
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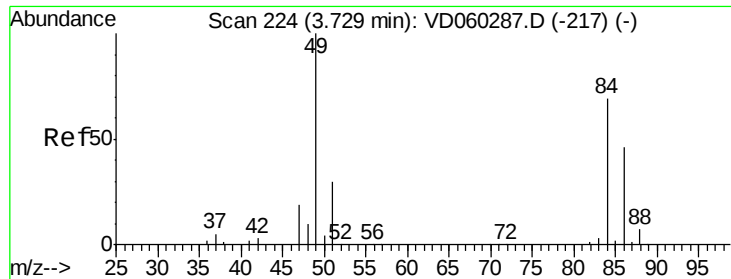
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Time-->





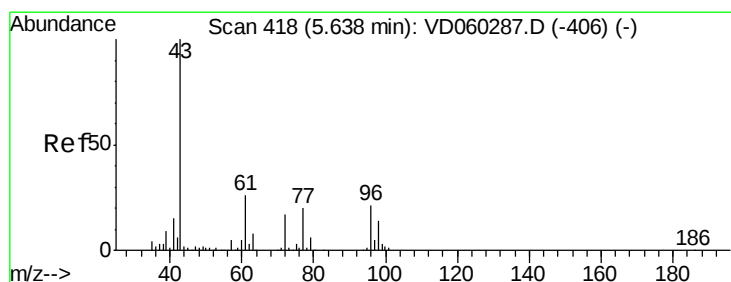
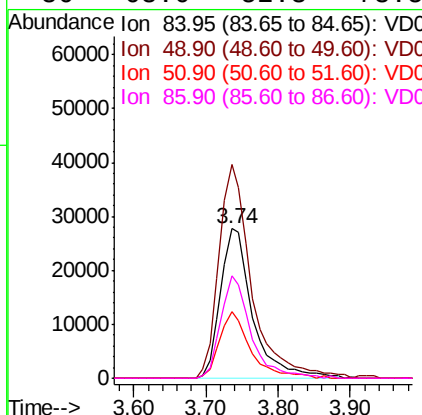
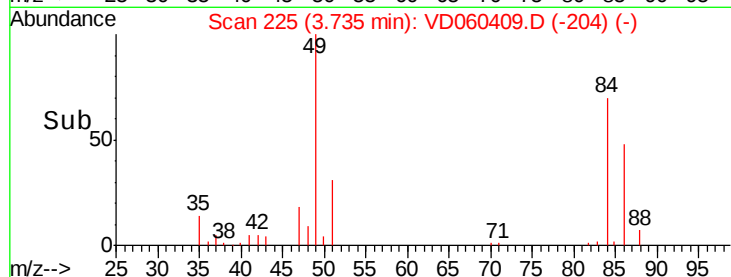
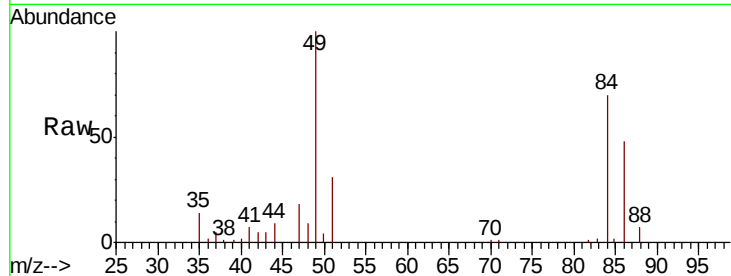
#20
Methvlene Chloride
Concen: 5.132 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(11-13)

Tot Ion	84	Resp	85875
Ion	Ratio	Lower	Upper
84	100		
49	142.6	115.6	173.4
51	44.5	35.6	53.4
86	68.0	52.3	78.5

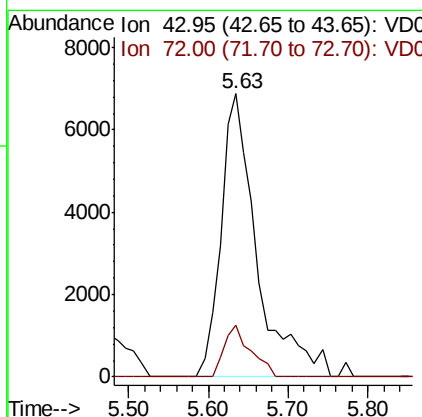
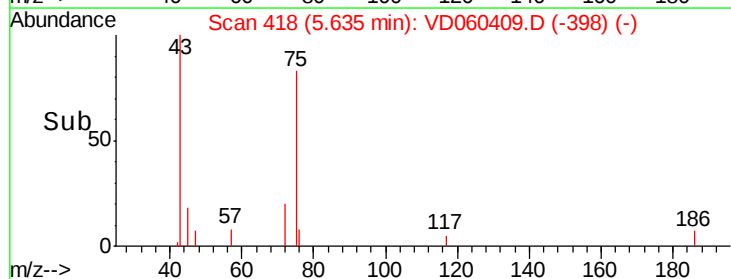
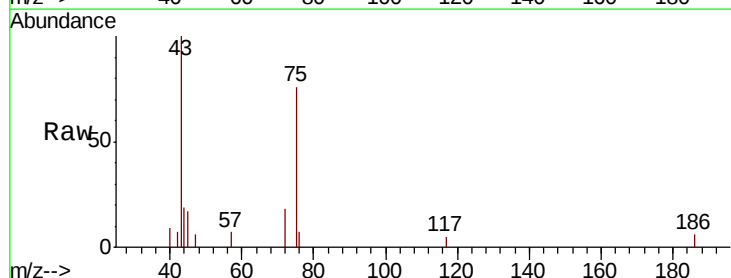
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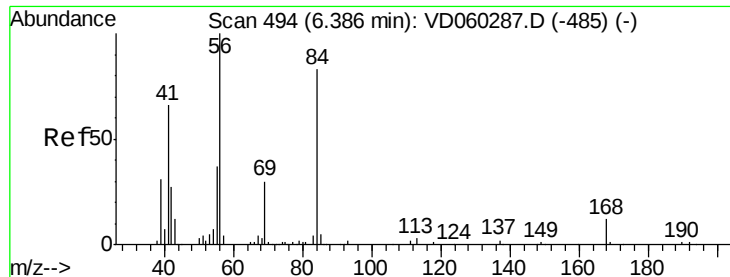
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#25
2-Butanone
Concen: 5.547 ug/l
RT: 5.63 min Scan# 418
Delta R.T. -0.00 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Tgt Ion	43	Resp	21748
Ion	Ratio	Lower	Upper
43	100		
72	18.1	13.8	20.8





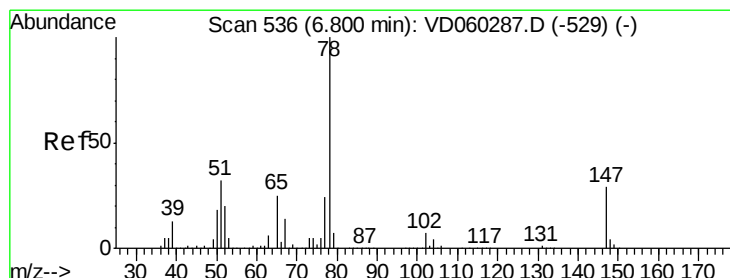
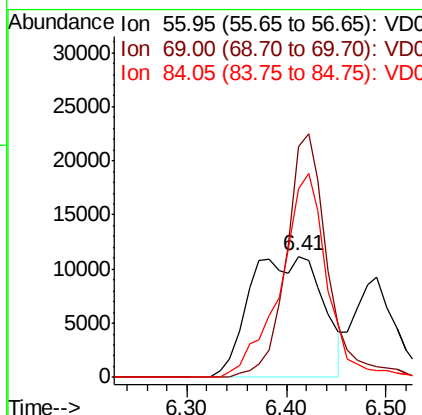
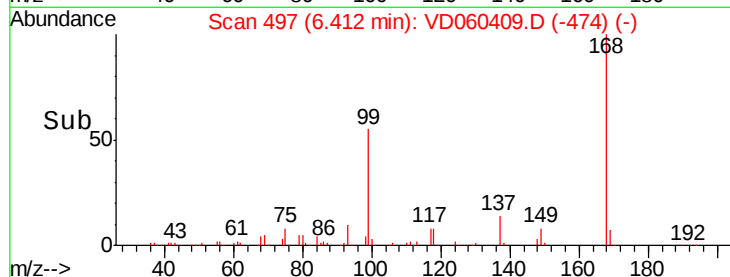
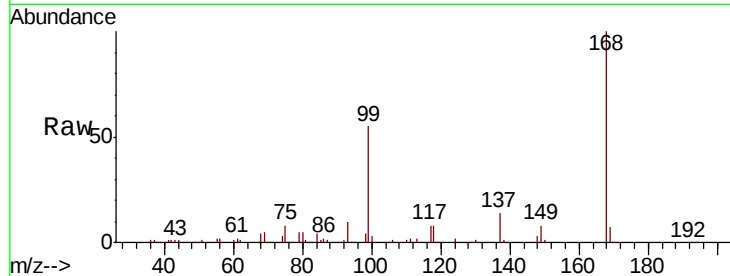
#31
Cvclohexane
Concen: 2.191 ug/l m
RT: 6.41 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(11-13)

Tot Ion	Ratio	Lower	Upper
56	100		
69	190.4	22.2	33.2#
84	156.0	63.0	94.4#

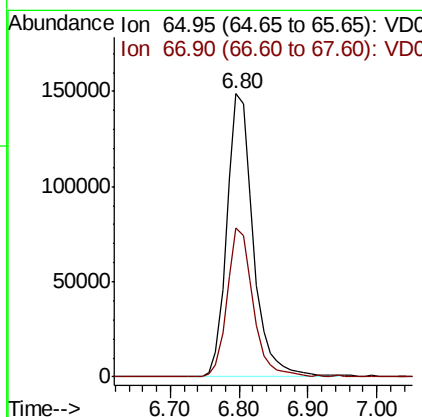
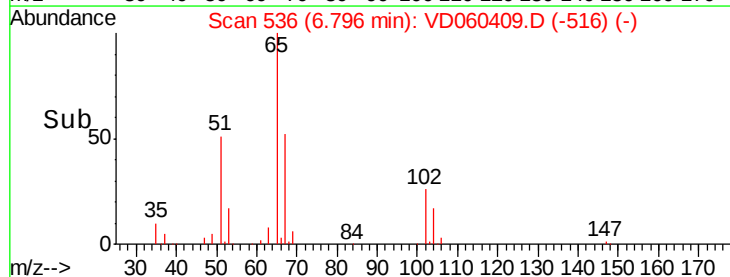
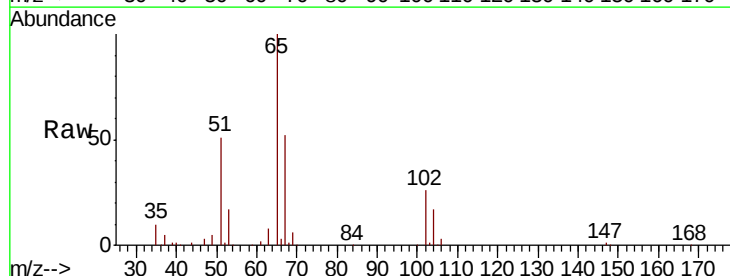
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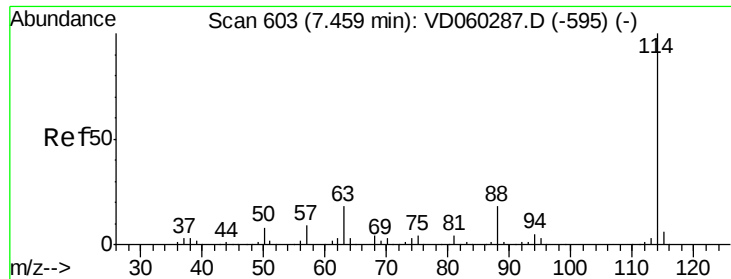
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#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.8





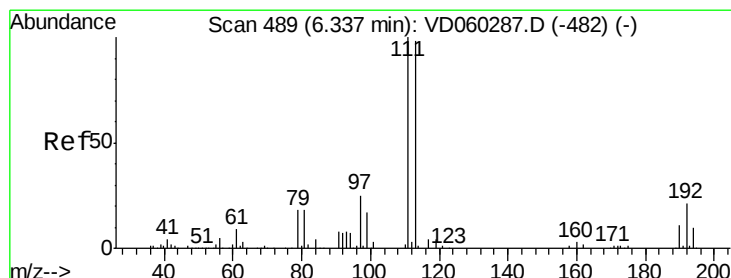
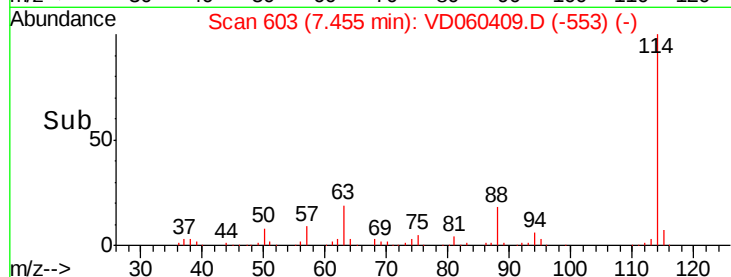
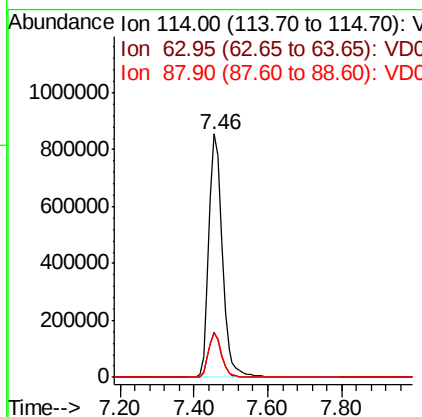
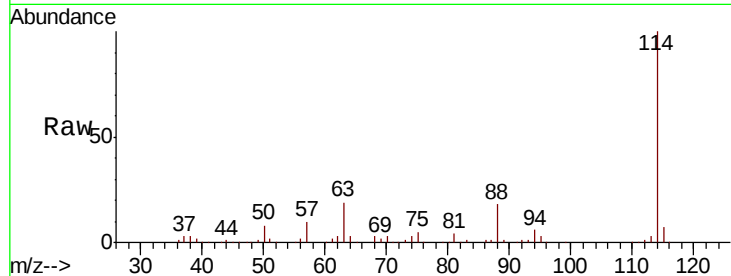
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VD060409.D
 Acq: 16 Nov 2018 20:24

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-11(11-13)

Tot Ion:114 Resp: 2135426
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 18.3 0.0 35.4

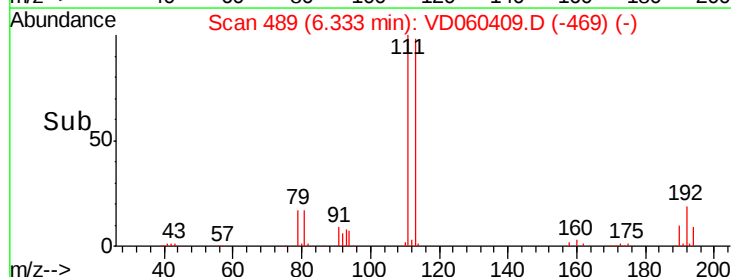
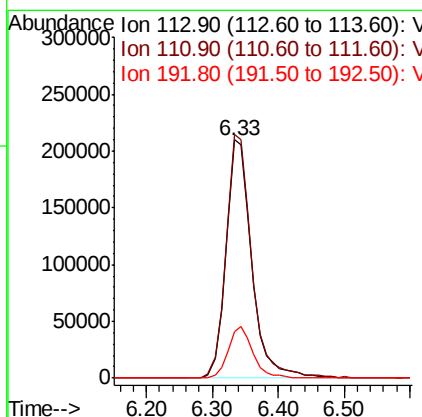
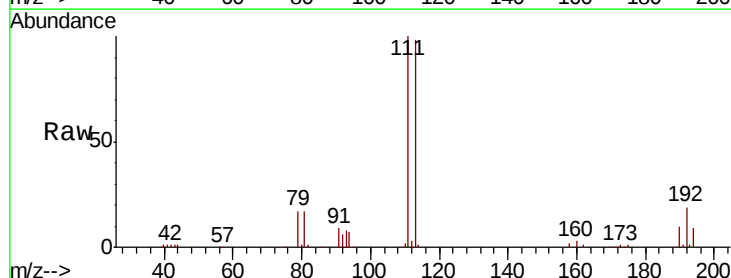
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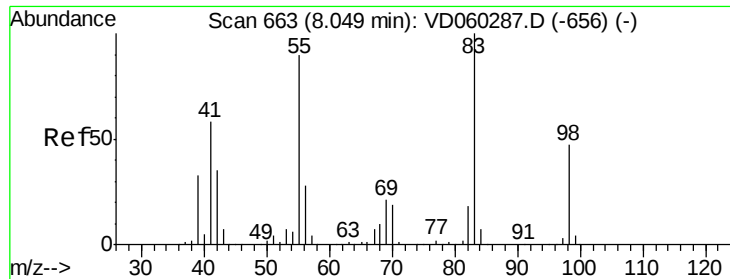
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060409.D
 Acq: 16 Nov 2018 20:24

Tgt Ion:113 Resp: 573657
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.6 122.4
 192 19.4 16.5 24.7





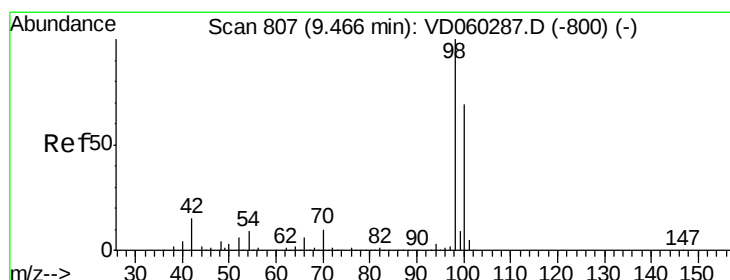
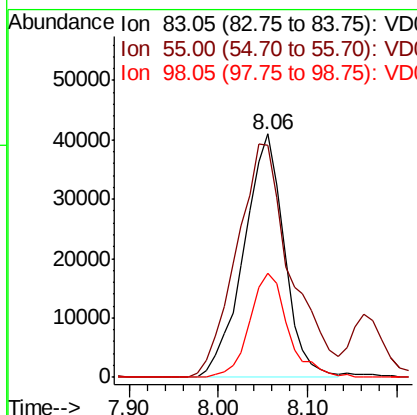
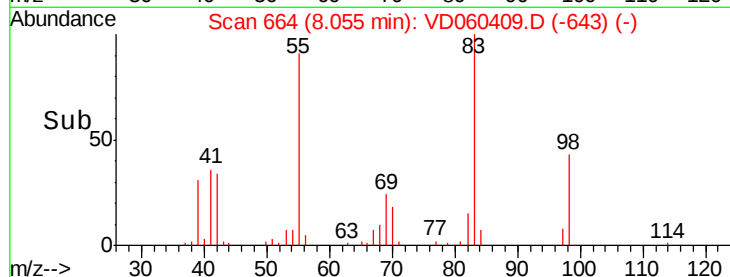
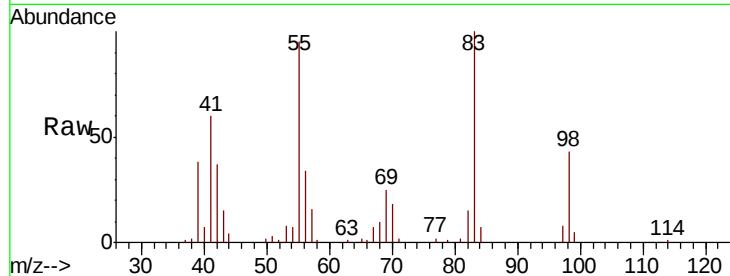
#39
Methylcyclohexane
Concen: 5.303 ug/l
RT: 8.06 min Scan# 664
Delta R.T. 0.01 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(11-13)

Tot Ion	83.05	Resp	128667
Ion	Ratio	Lower	Upper
83	100		
55	95.5	71.2	106.8
98	42.6	38.4	57.6

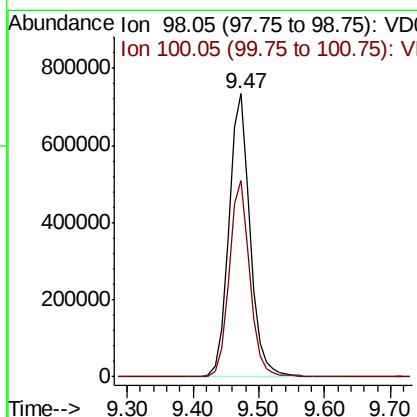
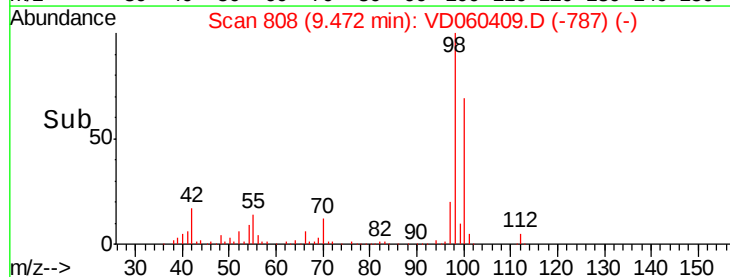
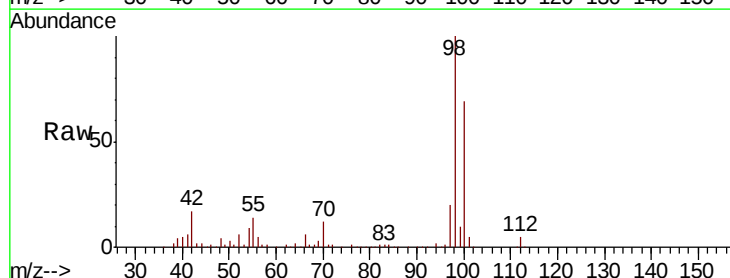
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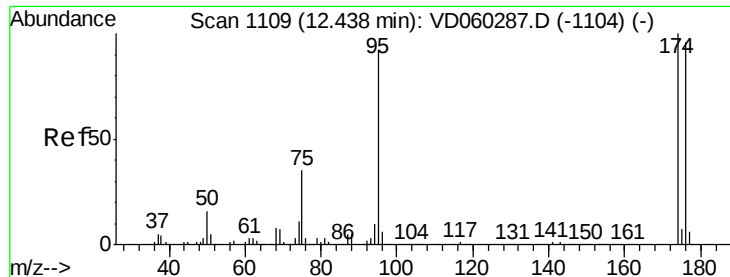
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Tgt Ion	98	Resp	1655325
Ion	Ratio	Lower	Upper
98	100		
100	69.4	55.2	82.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060409.D

Acq: 16 Nov 2018 20:24

Instrument :

MSVOA_D

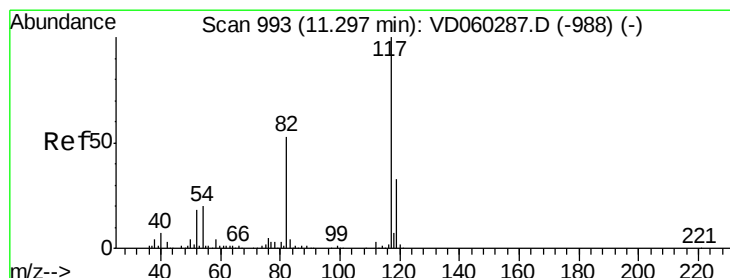
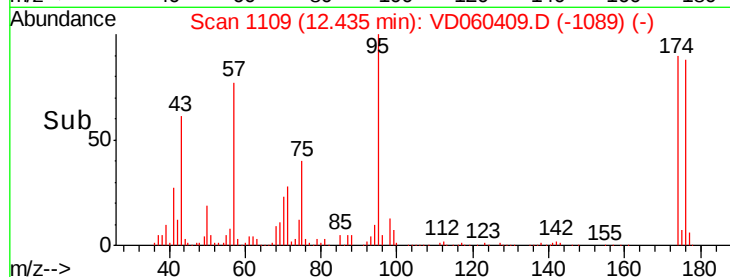
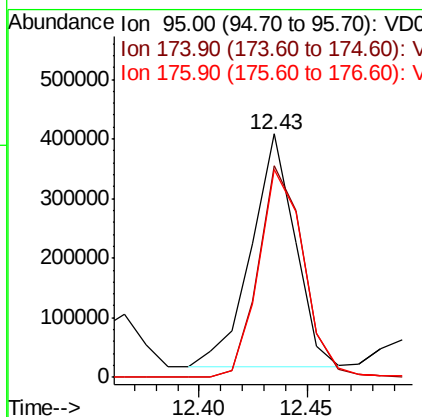
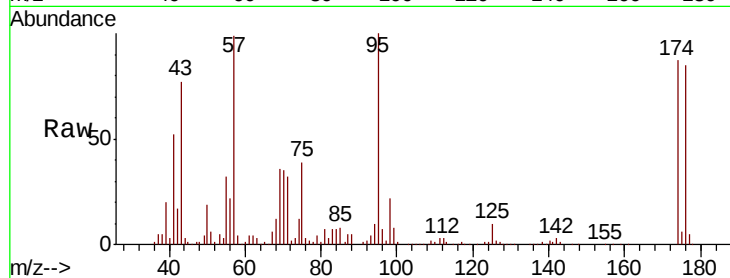
ClientSampleId :

FDSB-11(11-13)

Tot Ion:	95	Resp:	552211
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	160.8
176	85.1	0.0	154.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

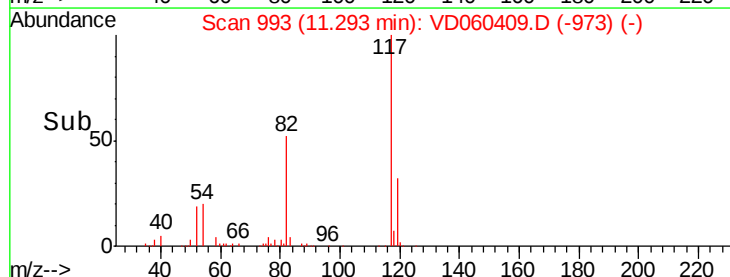
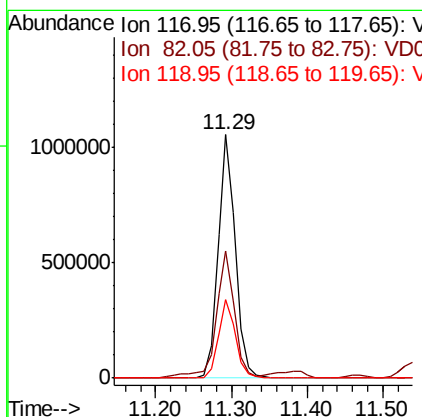
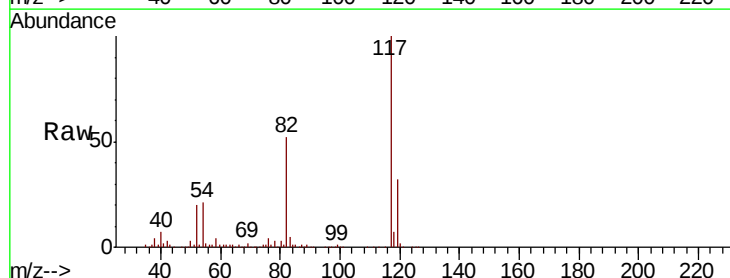
RT: 11.29 min Scan# 993

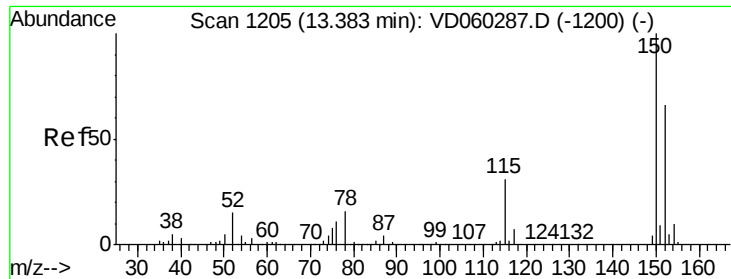
Delta R.T. -0.00 min

Lab File: VD060409.D

Acq: 16 Nov 2018 20:24

Tgt Ion:	117	Resp:	1683607
Ion Ratio	Lower	Upper	
117	100		
82	52.1	43.7	65.5
119	32.4	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060409.D

Acq: 16 Nov 2018 20:24

Instrument :

MSVOA_D

ClientSampleId :

FDSB-11(11-13)

Tot Ion:152 Resp: 722387

Ion Ratio Lower Upper

152 100

115 59.0 24.1 72.3

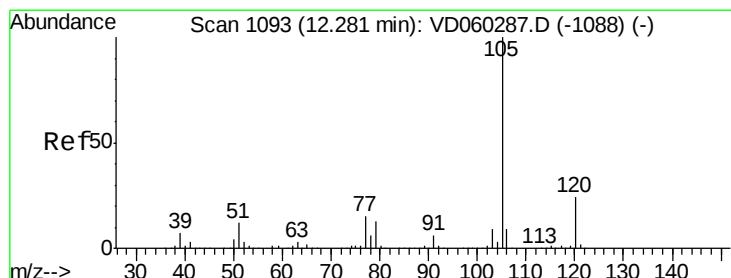
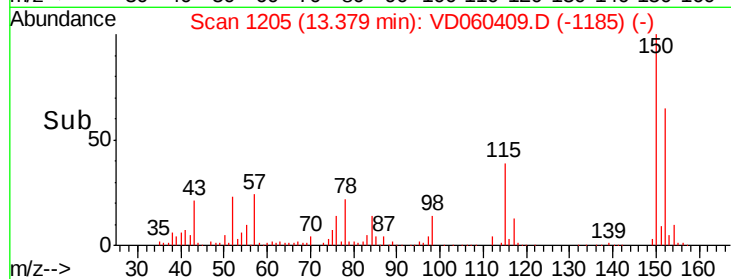
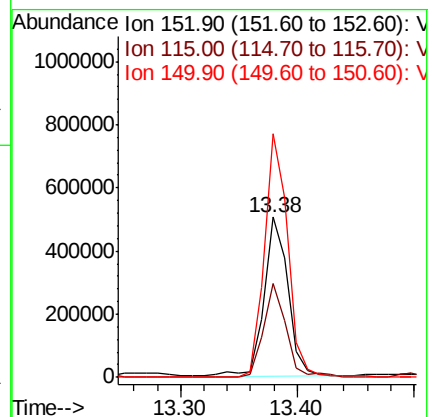
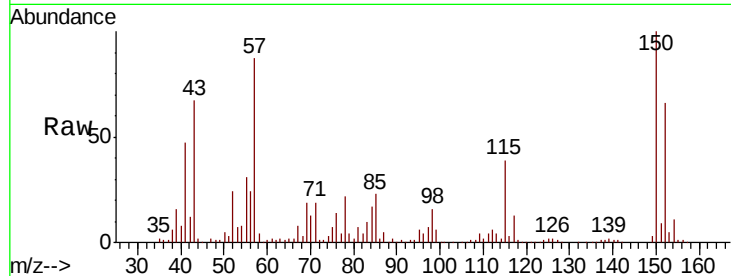
150 152.3 0.0 310.6

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#73

Isopropylbenzene

Concen: 6.500 ug/l

RT: 12.29 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VD060409.D

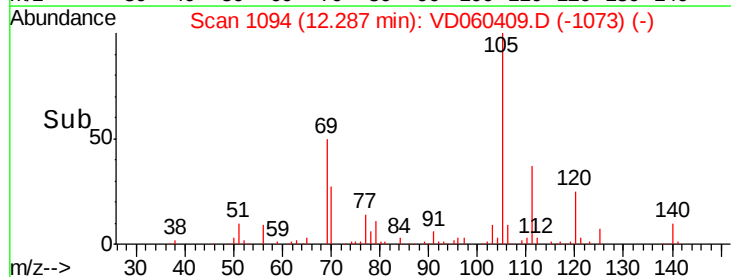
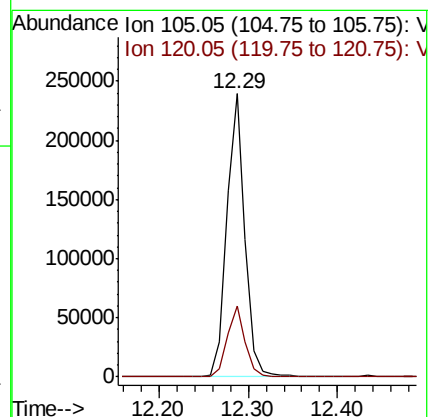
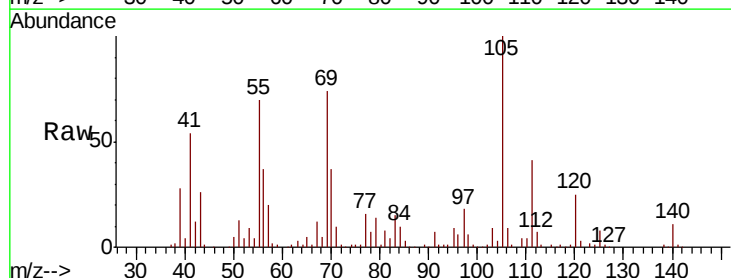
Acq: 16 Nov 2018 20:24

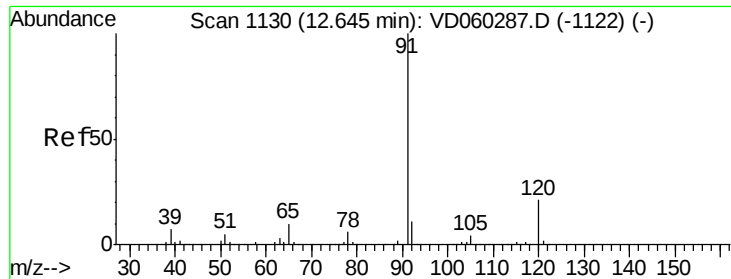
Tgt Ion:105 Resp: 342097

Ion Ratio Lower Upper

105 100

120 25.0 12.1 36.3





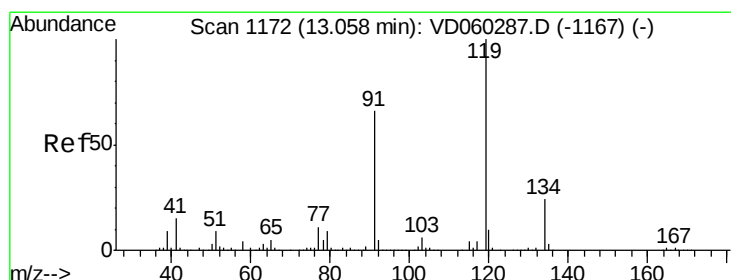
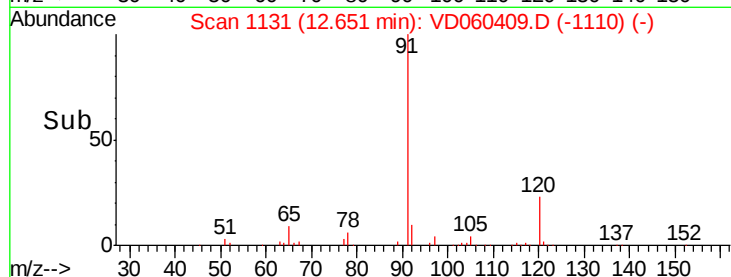
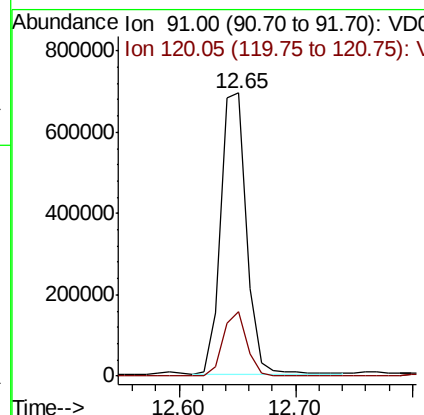
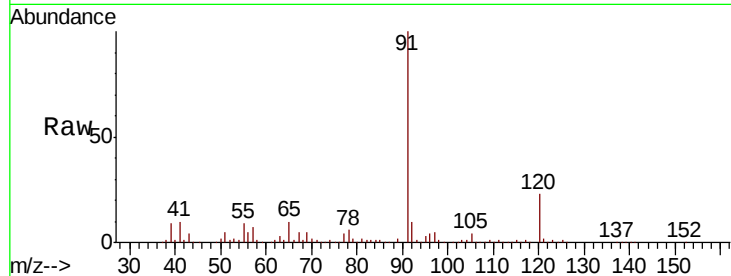
#78
n-propylbenzene
Concen: 16.159 ug/l
RT: 12.65 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(11-13)

Tot Ion: 91 Resp: 1061539
Ion Ratio Lower Upper
91 100
120 22.8 10.4 31.4

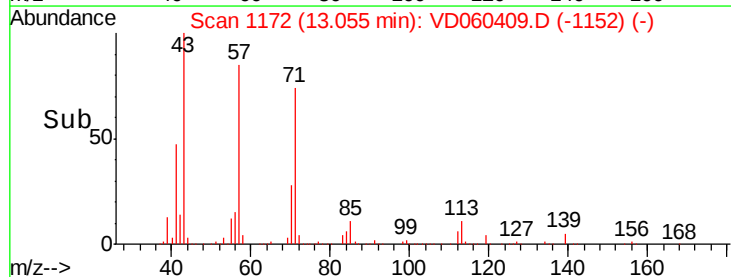
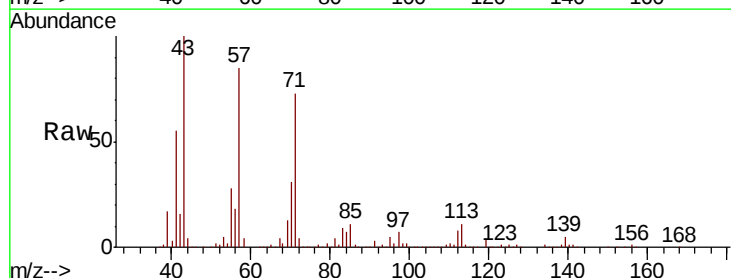
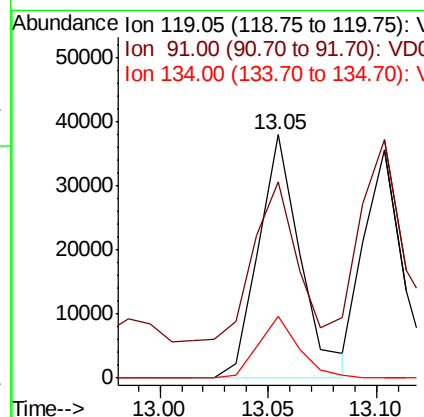
Manual Integrations
APPROVED

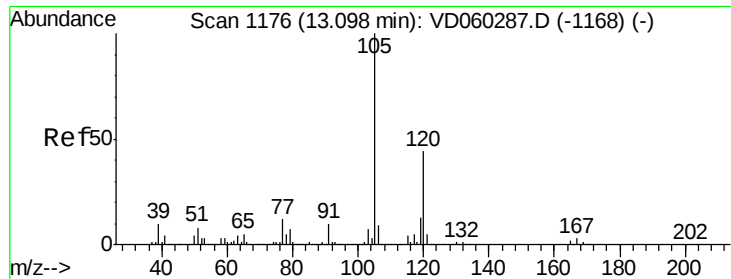
MMDadoda
11/19/2018 2:08:28 PM



#83
tert-Butylbenzene
Concen: 1.125 ug/l
RT: 13.05 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VD060409.D
Acq: 16 Nov 2018 20:24

Tgt Ion: 119 Resp: 51090
Ion Ratio Lower Upper
119 100
91 80.8 32.7 98.1
134 25.3 12.1 36.3





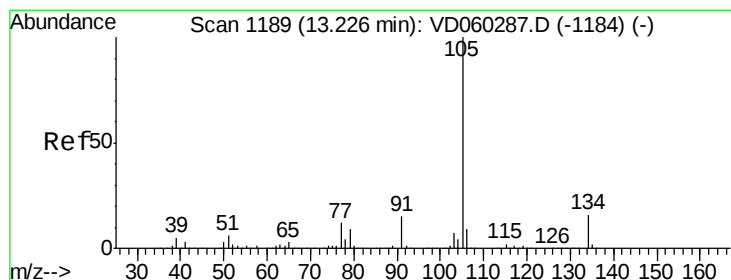
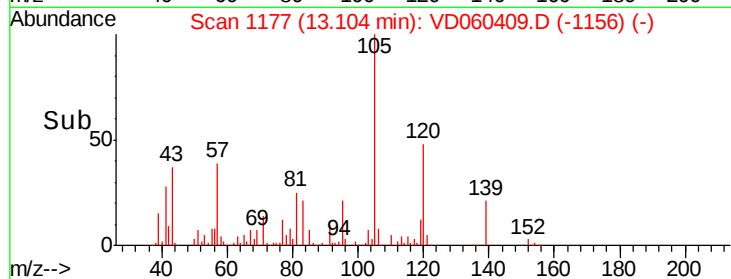
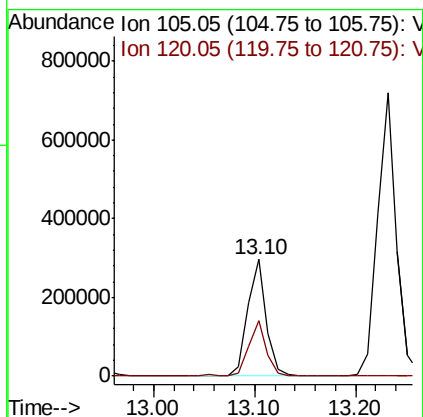
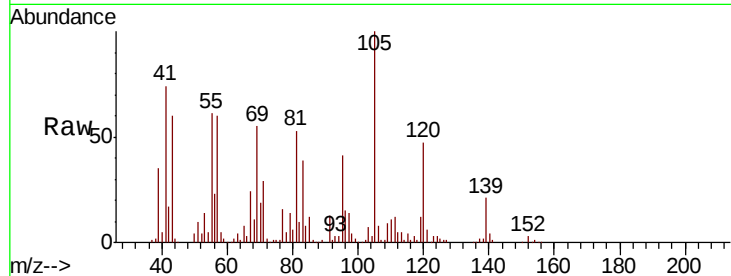
#84
 1,2,4-Trimethylbenzene
 Concen: 9.261 ug/l
 RT: 13.10 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VD060409.D
 Acq: 16 Nov 2018 20:24

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-11(11-13)

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.4	21.9	65.8

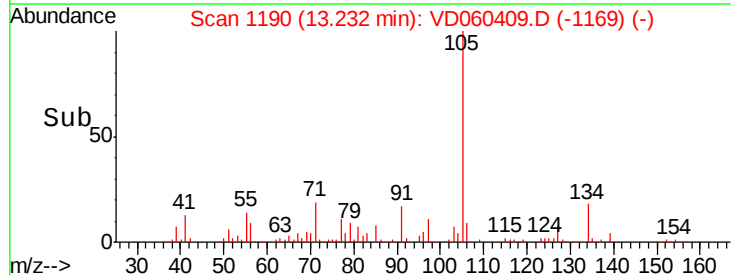
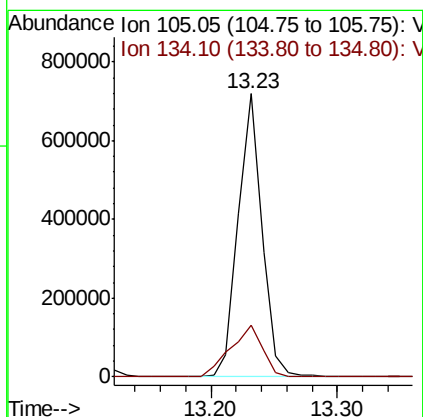
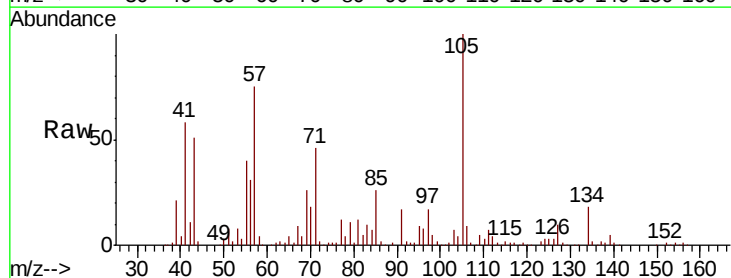
Manual Integrations
 APPROVED

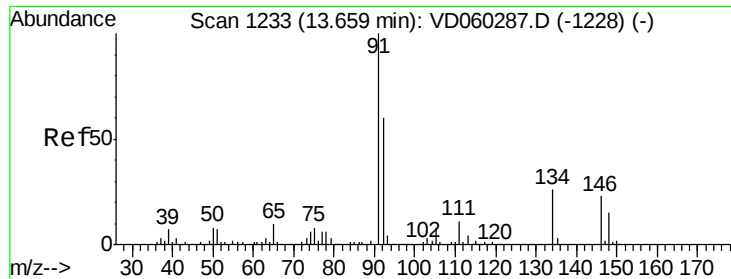
MMDadoda
 11/19/2018 2:08:28 PM



#85
 sec-Butylbenzene
 Concen: 16.677 ug/l
 RT: 13.23 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VD060409.D
 Acq: 16 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.0	8.0	24.0





#89
 n-Butylbenzene
 Concen: 23.669 ug/l
 RT: 13.65 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VD060409.D
 Acq: 16 Nov 2018 20:24

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-11(11-13)

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.8	30.3	90.9
134	24.6	13.0	38.9

Manual Integrations
 APPROVED

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