

Data File : VW006383.D
Acq On : 26 Oct 2018 02:34
Operator : SY/AP
Sample : J5610-04RE
Misc : 4.80G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Manual Integrations
APPROVED

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10/26/2018 11:53:13 AM

Quant Time: Oct 26 07:59:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105440	58.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	99839	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	10.32	98	350796	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	93463	35.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.18%	

Target Compounds

						Qvalue
16) Acetone	4.14	43	36655	100.086	ug/l	98
17) Carbon Disulfide	4.37	76	11141	2.043	ug/l	99
20) Methylene Chloride	4.90	84	5433m	1.278	ug/l	
25) 2-Butanone	7.18	43	9788	20.206	ug/l	99
67) Ethyl Benzene	11.73	91	81018	8.976	ug/l	99
68) m/p-Xylenes	11.84	106	255664	71.666	ug/l	100
69) o-Xylene	12.17	106	154665	45.492	ug/l	100
73) Isopropylbenzene	12.47	105	7279	1.197	ug/l	76
84) 1,2,4-Trimethylbenzene	13.26	105	10885	2.098	ug/l	92
86) p-Isopropyltoluene	13.51	119	11295	1.927	ug/l	97
95) Naphthalene	15.38	128	12872	3.803	ug/l	97

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

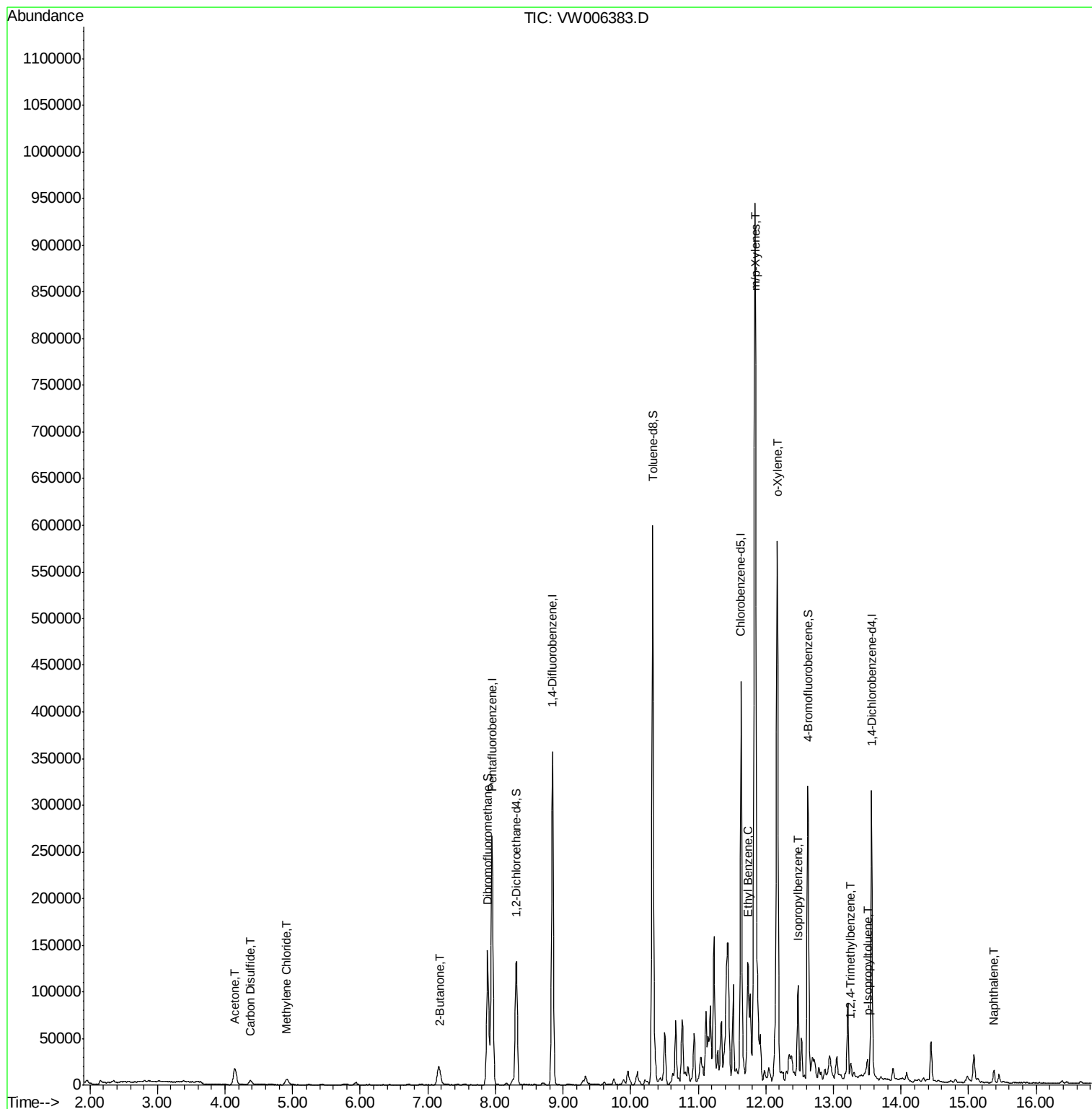
Data File : VW006383.D
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ALS Vial : 36 Sample Multiplier: 1

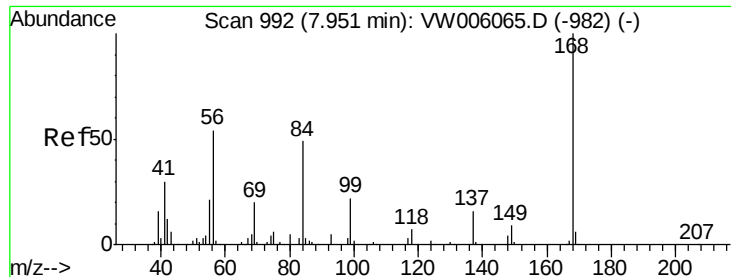
Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Manual Integrations
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Quant Time: Oct 26 07:59:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Instrument :

MSVOA_W

ClientSampleId :

SB-2(6-8)RE

Tgt Ion:168 Resp: 216283

Ion Ratio Lower Upper

168 100

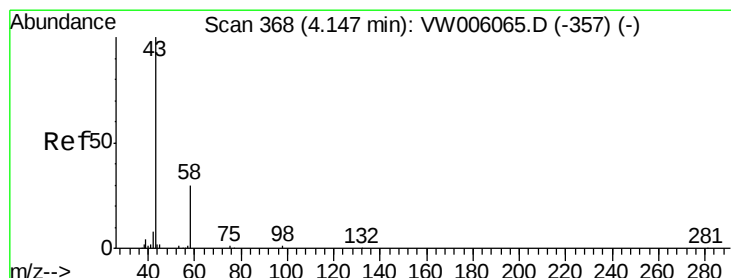
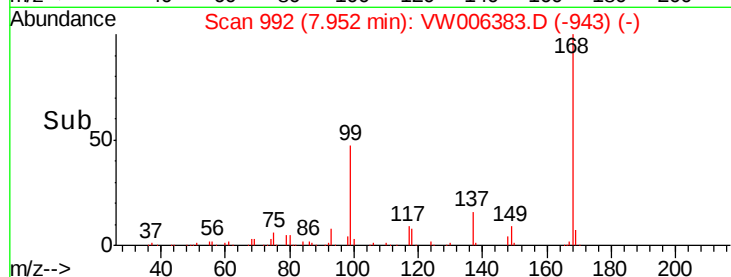
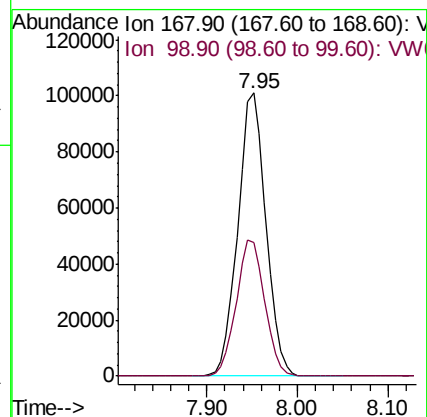
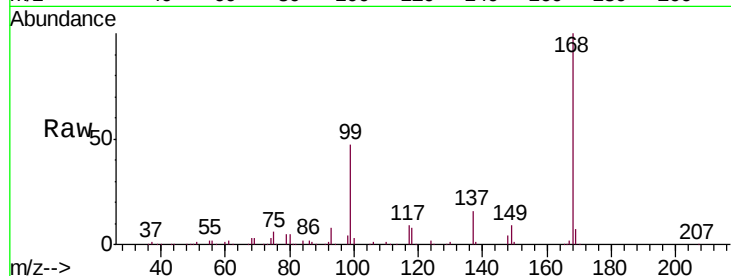
99 47.1 39.9 59.9

Manual Integrations

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#16

Acetone

Concen: 100.086 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006383.D

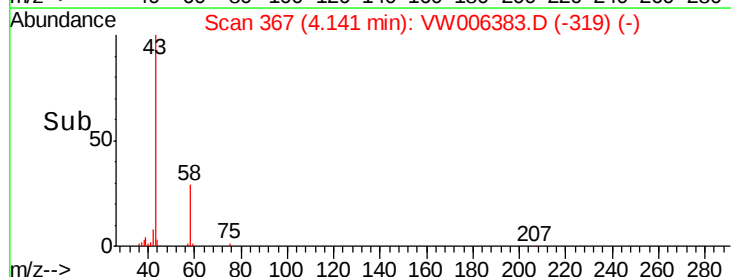
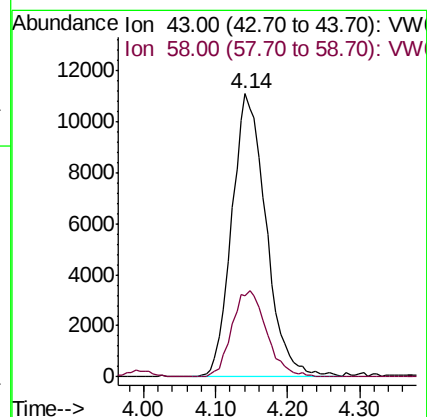
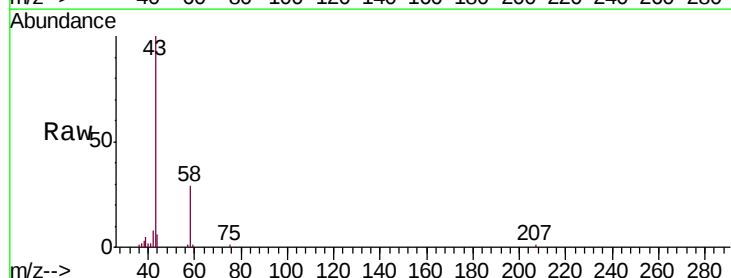
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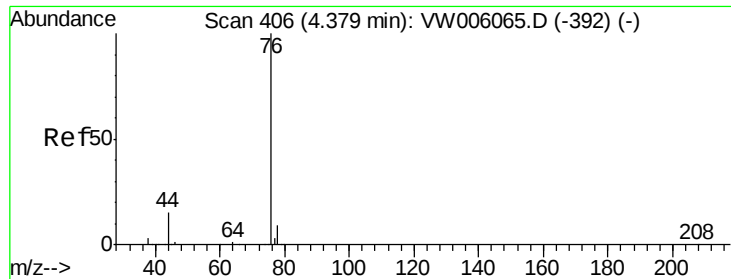
Tgt Ion: 43 Resp: 36655

Ion Ratio Lower Upper

43 100

58 28.7 24.0 36.0





#17

Carbon Disulfide

Concen: 2.043 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Instrument :

MSVOA_W

ClientSampleId :

SB-2(6-8)RE

Tgt Ion: 76 Resp: 11141

Ion Ratio Lower Upper

76 100

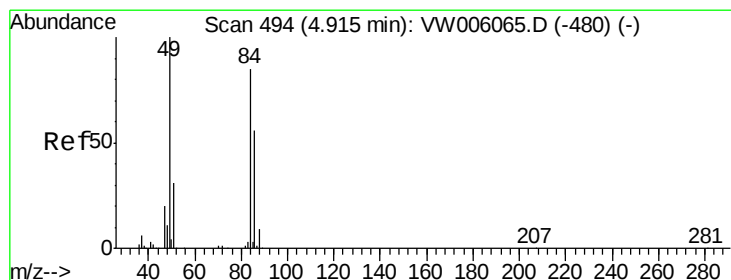
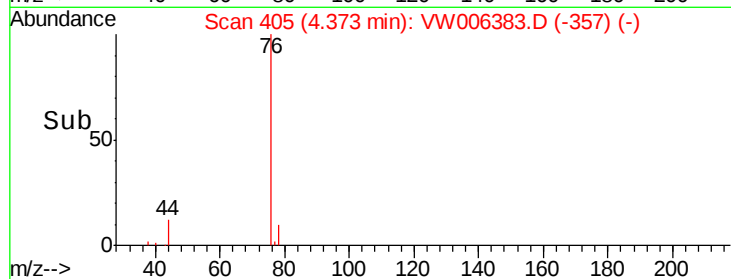
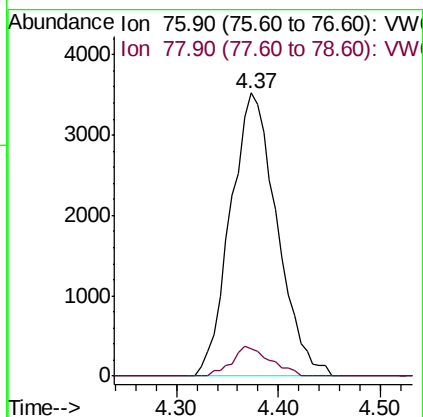
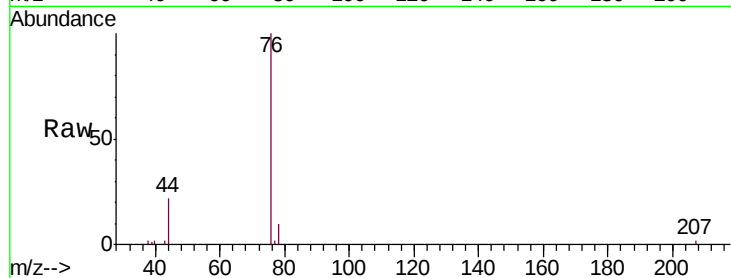
78 9.6 7.5 11.3

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#20

Methylene Chloride

Concen: 1.278 ug/l m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Tgt Ion: 84 Resp: 5433

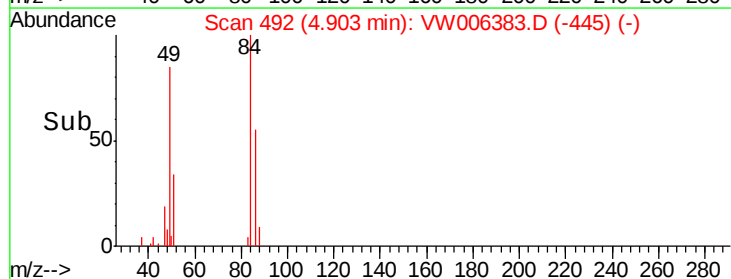
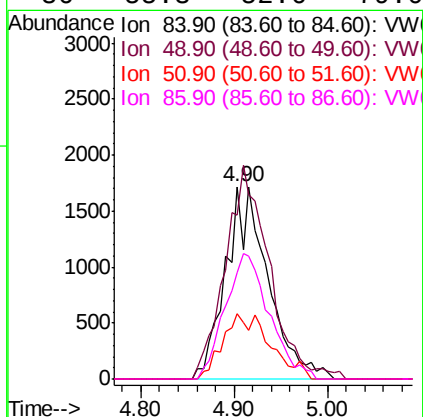
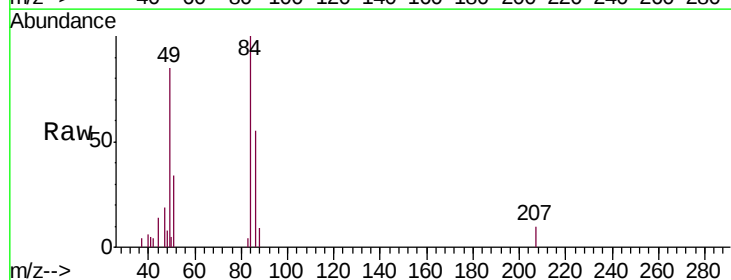
Ion Ratio Lower Upper

84 100

49 85.4 93.6 140.4#

51 34.3 29.0 43.4

86 55.3 52.6 79.0





#25

2-Butanone

Concen: 20.206 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Instrument :

MSVOA_W

ClientSampleId :

SB-2(6-8)RE

Tgt Ion: 43 Resp: 9788

Ion Ratio Lower Upper

43 100

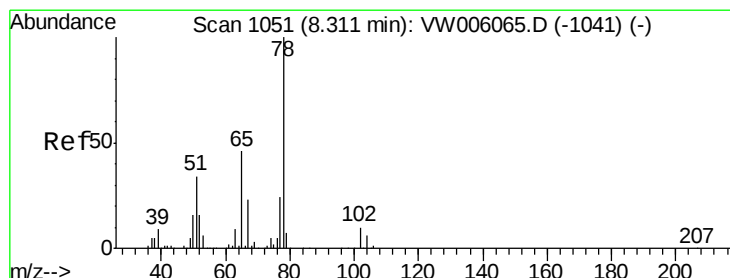
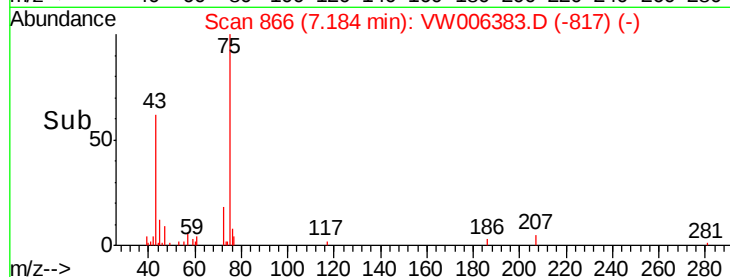
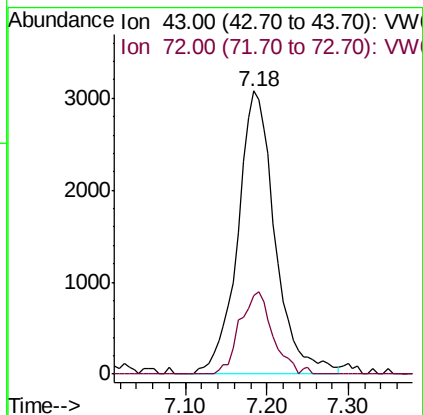
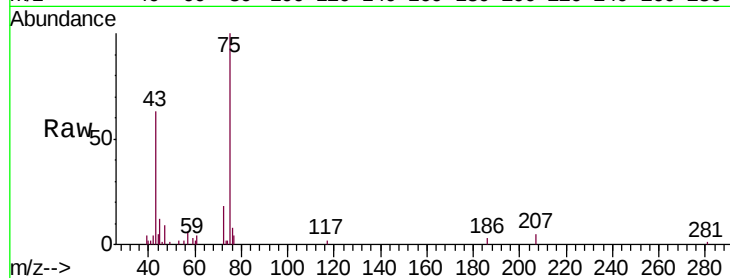
72 27.7 22.8 34.2

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#33

1,2-Dichloroethane-d4

Concen: 58.803 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006383.D

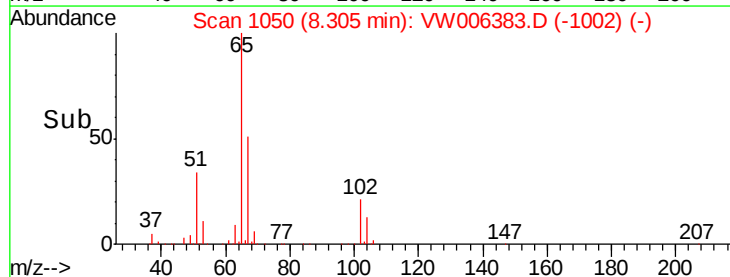
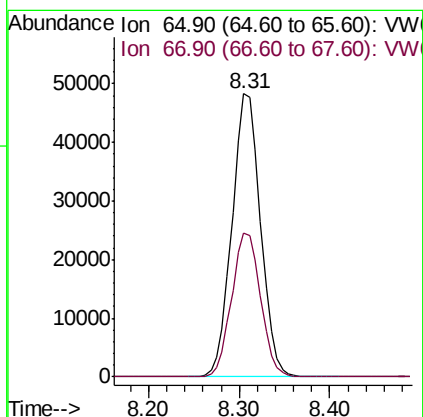
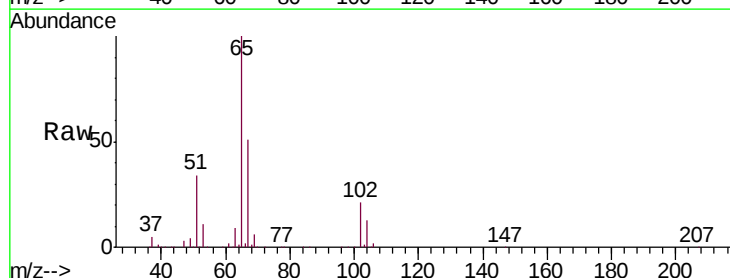
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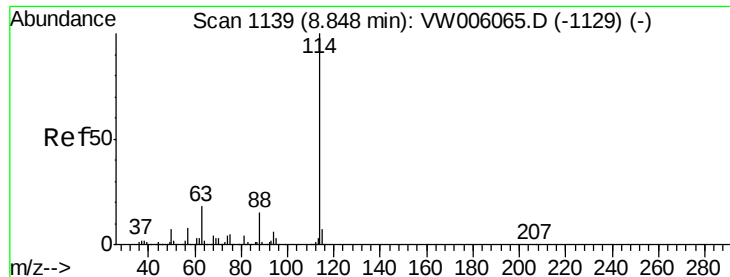
Tgt Ion: 65 Resp: 105440

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0





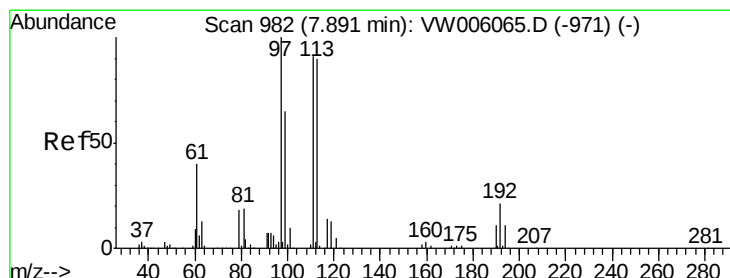
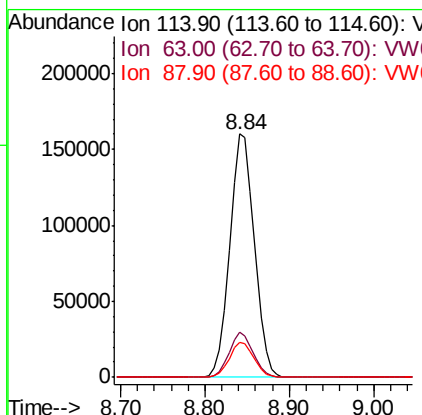
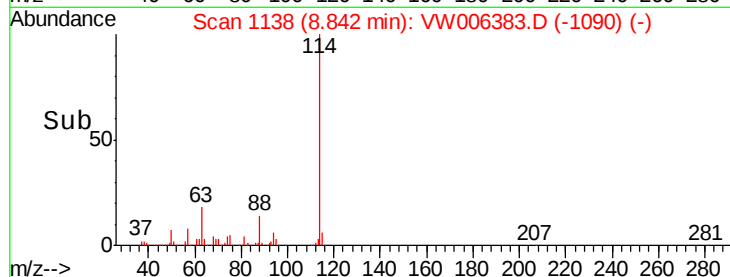
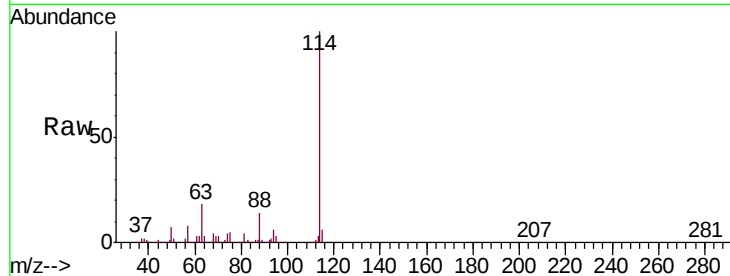
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	18.4	0.0	36.8
88	14.5	0.0	29.0

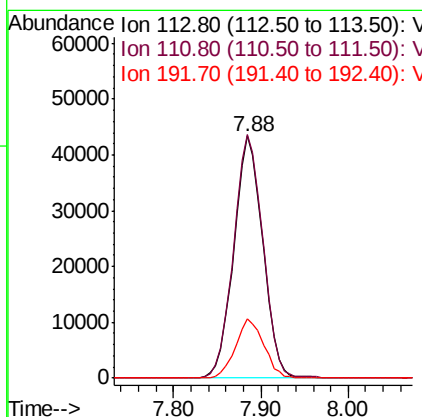
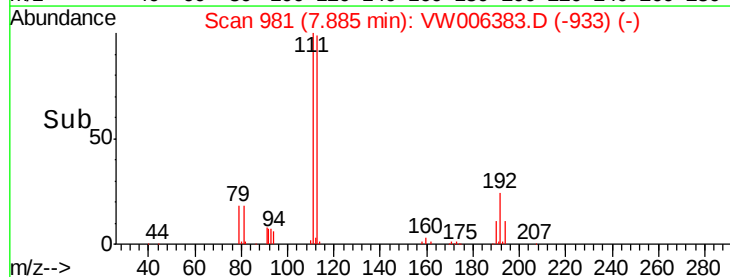
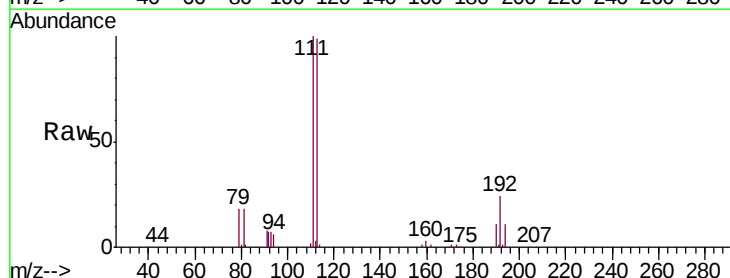
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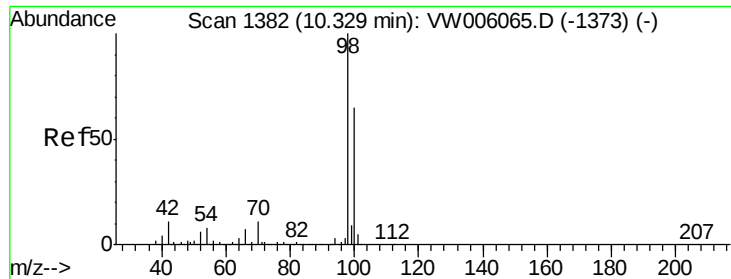
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#35
Dibromofluoromethane
Concen: 53.561 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	101.9	81.4	122.0
192	23.8	18.7	28.1





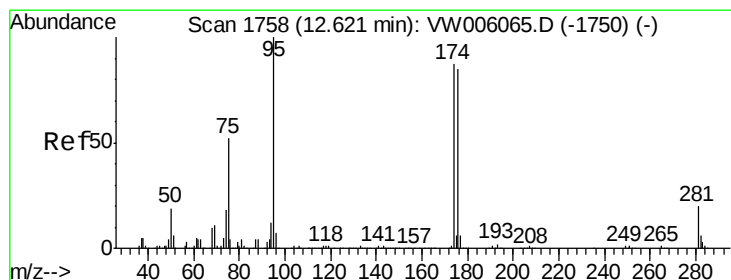
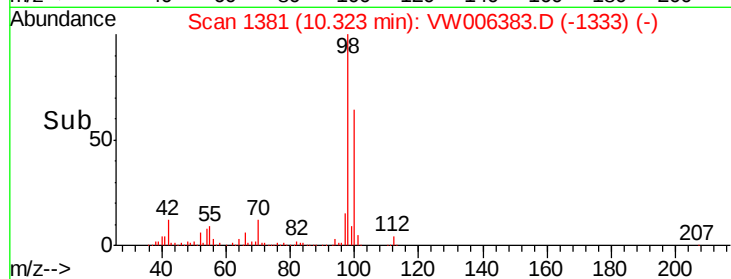
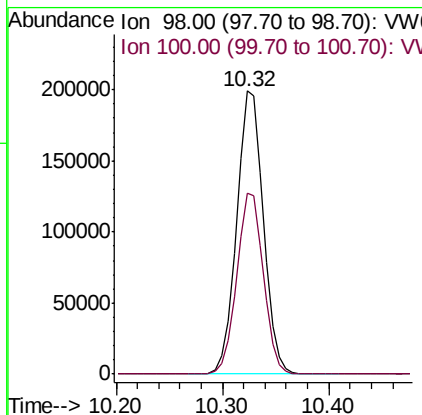
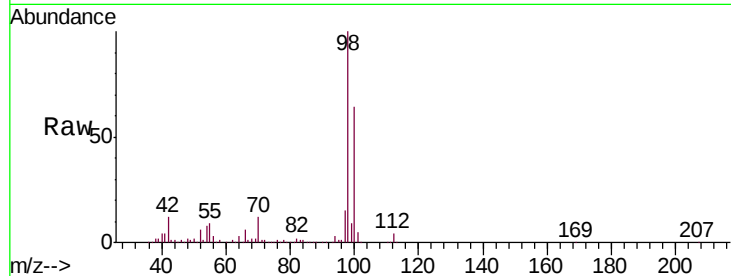
#50
Toluene-d8
Concen: 49.466 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion: 98 Resp: 350796
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

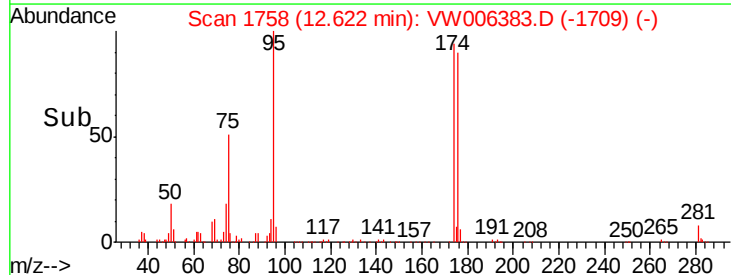
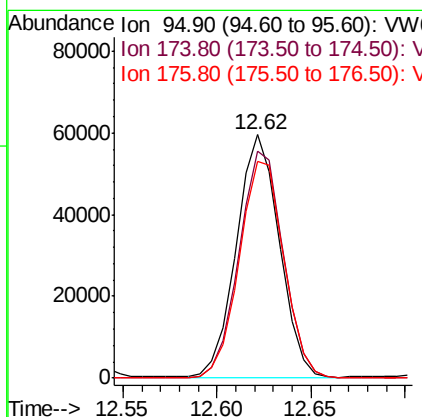
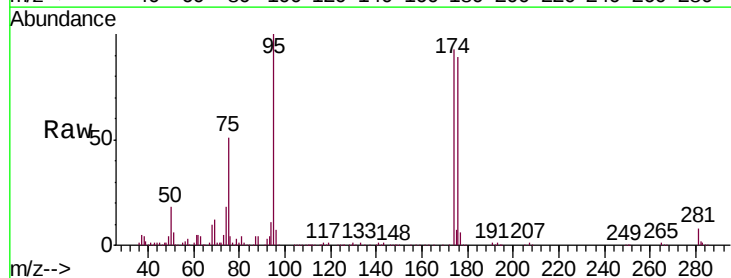
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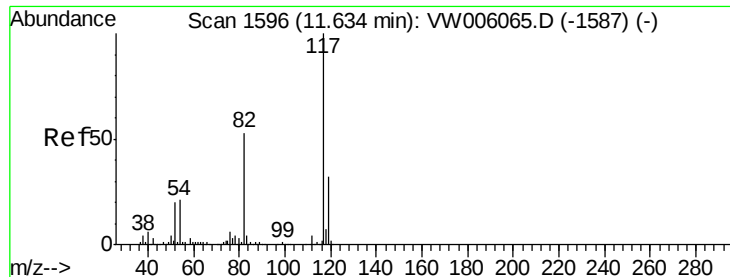
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#62
4-Bromofluorobenzene
Concen: 35.090 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion: 95 Resp: 93463
Ion Ratio Lower Upper
95 100
174 96.6 0.0 186.0
176 93.2 0.0 181.6





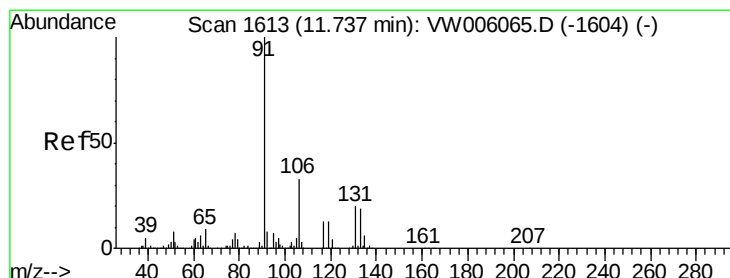
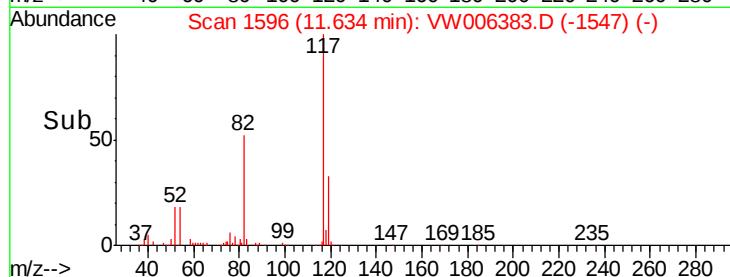
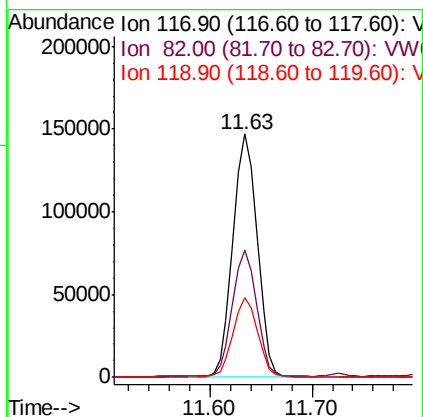
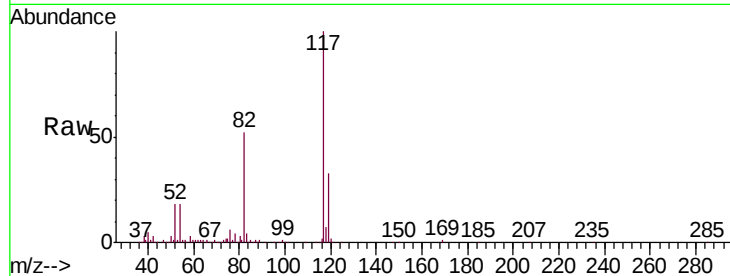
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	243286		
82	51.6	42.1	63.1	
119	32.7	25.8	38.6	

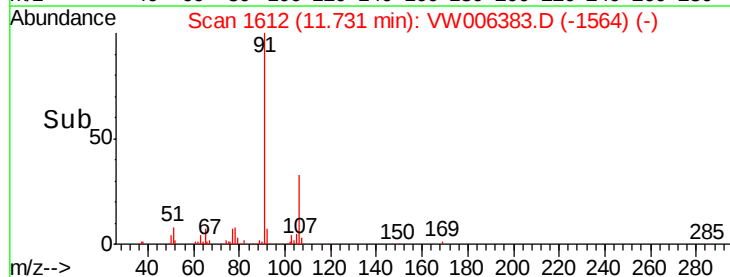
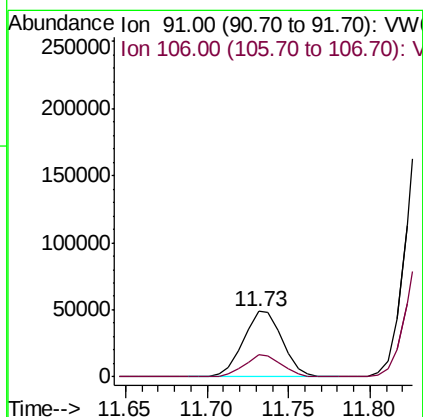
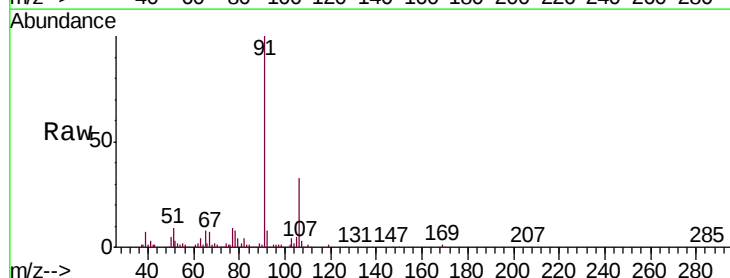
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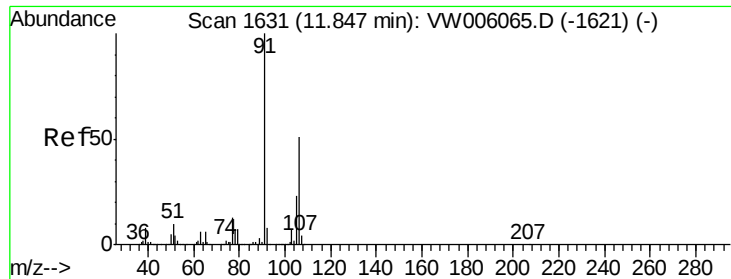
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#67
Ethyl Benzene
Concen: 8.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	81018		
106	33.2	26.1	39.1	





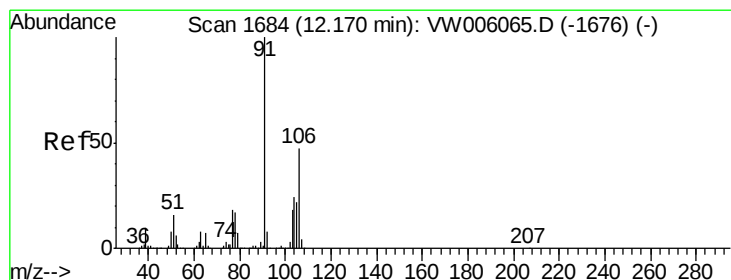
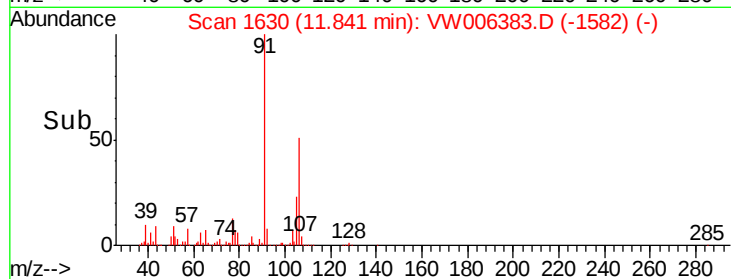
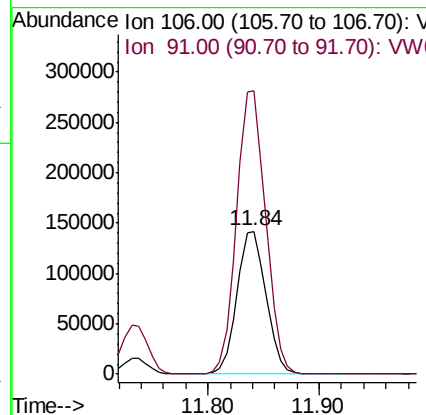
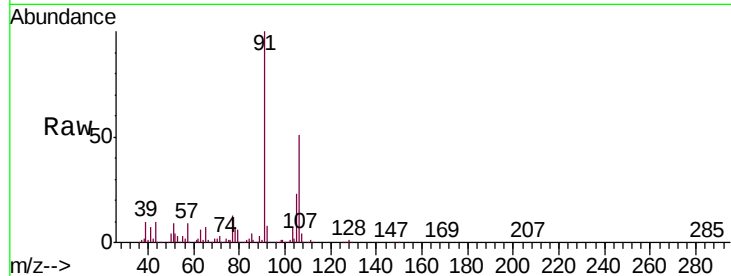
#68
m/p-Xylenes
Concen: 71.666 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion:106 Resp: 255664
Ion Ratio Lower Upper
106 100
91 199.3 159.1 238.7

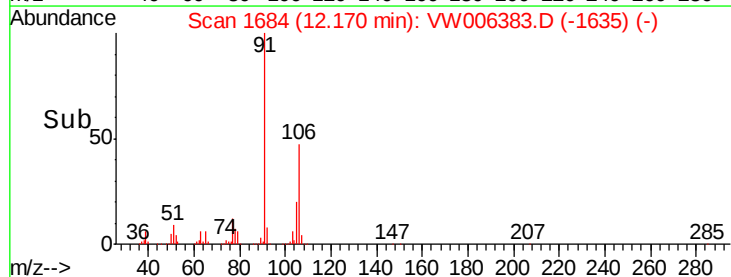
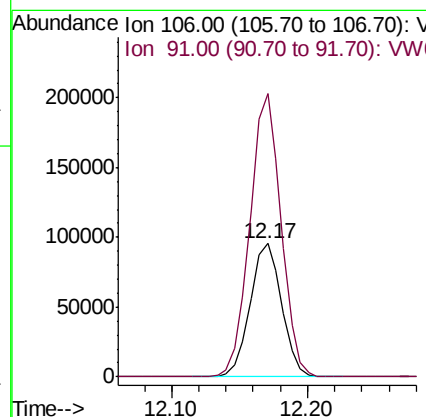
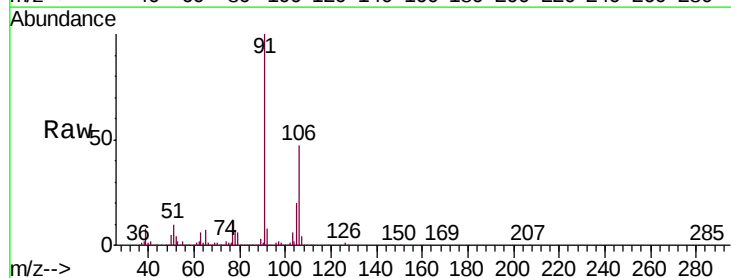
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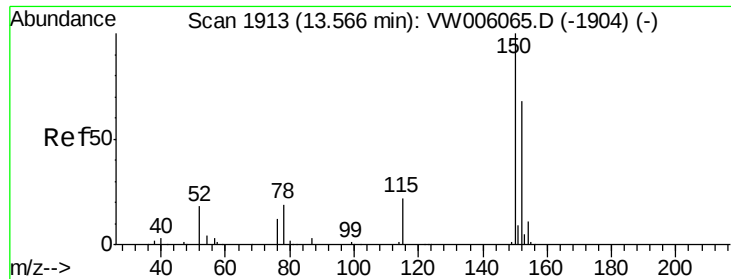
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#69
o-Xylene
Concen: 45.492 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Tgt Ion:106 Resp: 154665
Ion Ratio Lower Upper
106 100
91 210.7 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Instrument :

MSVOA_W

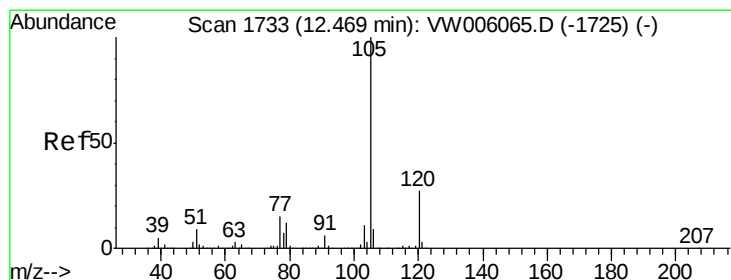
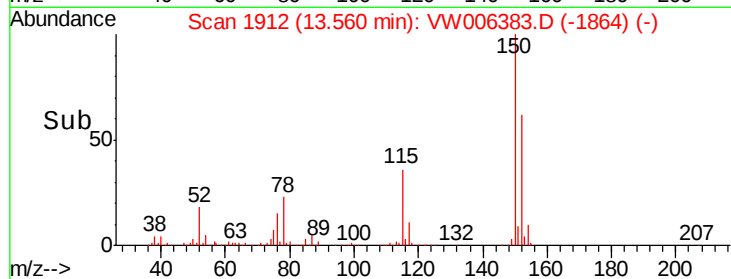
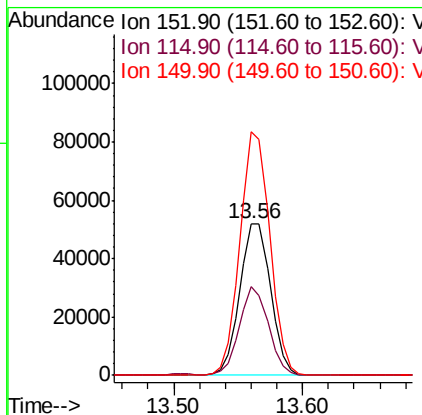
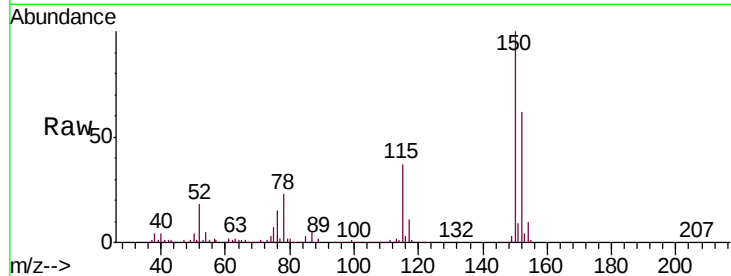
ClientSampleId :

SB-2(6-8)RE

Tgt Ion:	152	Resp:	86087
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.8	83.3
150	155.9	0.0	349.2

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#73

Isopropylbenzene

Concen: 1.197 ug/l

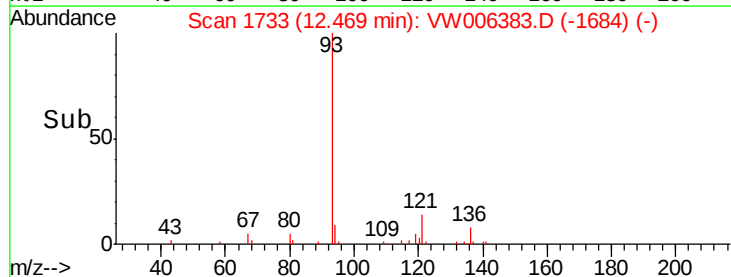
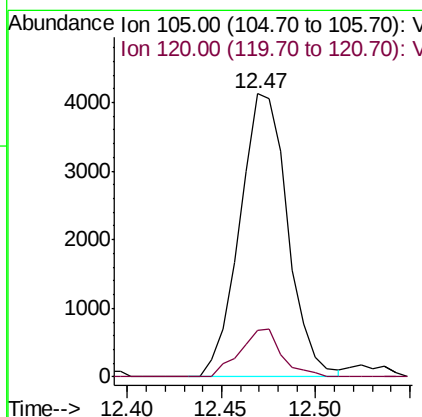
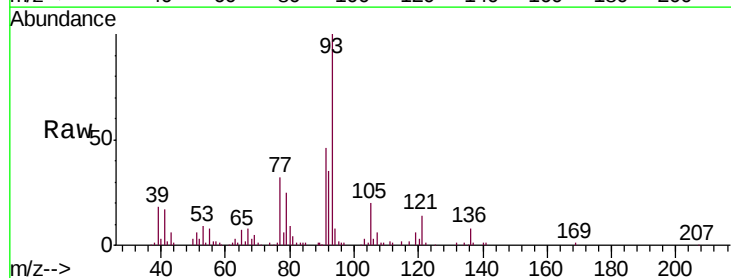
RT: 12.47 min Scan# 1733

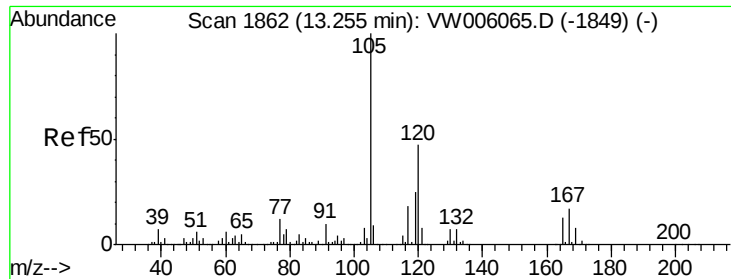
Delta R.T. 0.00 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Tgt Ion:	105	Resp:	7279
Ion Ratio	Lower	Upper	
105	100		
120	14.8	13.6	40.7





#84

1,2,4-Trimethylbenzene

Concen: 2.098 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

Instrument :

MSVOA_W

ClientSampleId :

SB-2(6-8)RE

Tgt Ion:105 Resp: 10885

Ion Ratio Lower Upper

105 100

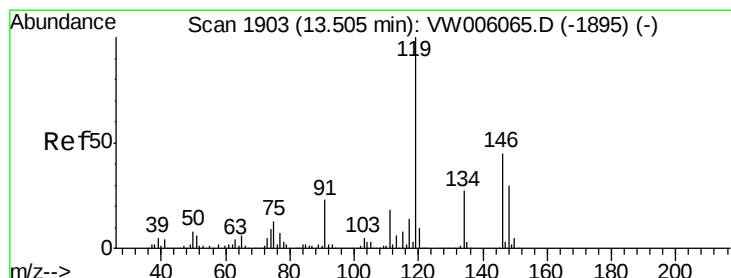
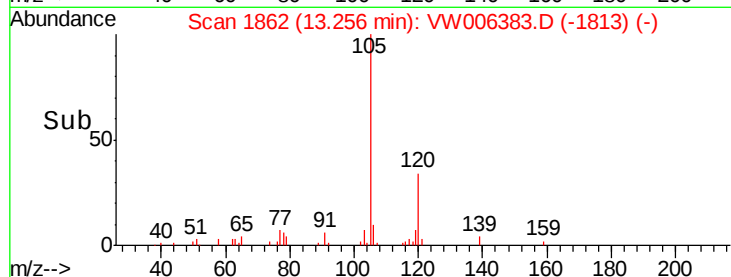
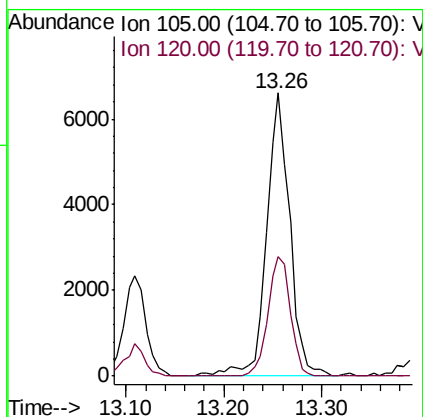
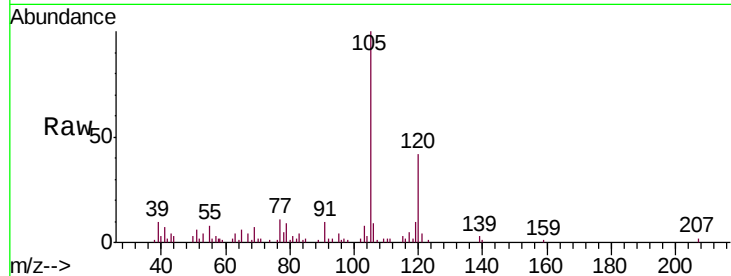
120 40.8 23.1 69.3

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#86

p-Isopropyltoluene

Concen: 1.927 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006383.D

Acq: 26 Oct 2018 02:34

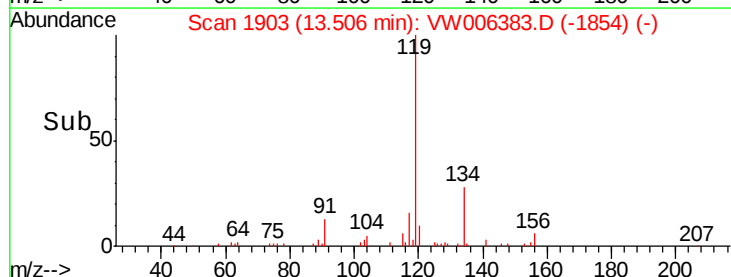
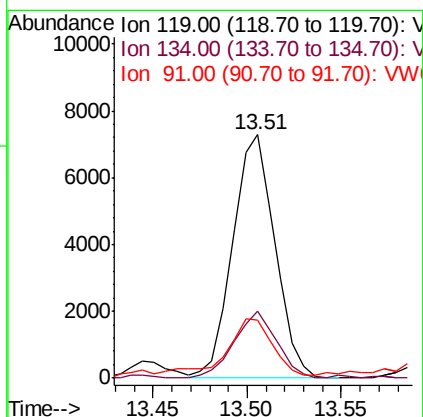
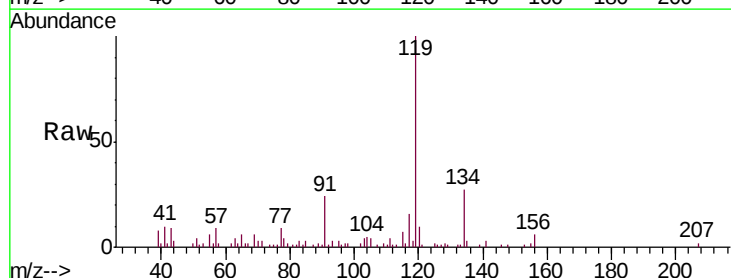
Tgt Ion:119 Resp: 11295

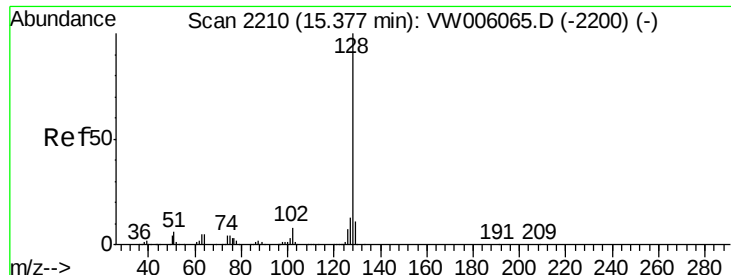
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

91 25.2 11.4 34.1





#95
Naphthalene
Concen: 3.803 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006383.D
Acq: 26 Oct 2018 02:34

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	12.8	8.7	13.1

Manual Integrations
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