

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058266.D
 Acq On : 21 Jun 2018 21:43
 Operator : VA/AP
 Sample : J3603-19RE
 Misc : 4.19g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

Manual Integrations
 APPROVED

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 6/22/2018 10:11:35 AM

Quant Time: Jun 22 07:30:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.54	168	506484	50.00	ug/l	-0.10
34) 1,4-Difluorobenzene	6.66	114	674878m	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.70	117	315650m	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	30433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	218375m	42.69	ug/l	0.01
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	5.66	113	181678m	33.08	ug/l	0.11
Spiked Amount	50.000		Recovery	=	66.16%	
50) Toluene-d8	8.70	98	565262m	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
62) 4-Bromofluorobenzene	11.94	95	70580m	13.00	ug/l	0.01
Spiked Amount	50.000		Recovery	=	26.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.44	50	35334	12.74	ug/l	97
5) Bromomethane	1.75	94	13230	12.82	ug/l	100
39) Methylcyclohexane	7.15	83	78569	12.08	ug/l #	87
40) Benzene	5.90	78	97749m	6.15	ug/l	
52) Toluene	8.80	92	174856m	19.31	ug/l	
67) Ethyl Benzene	10.86	91	34413	3.30	ug/l	98
68) m/p-Xylenes	11.01	106	103371	29.74	ug/l	94
69) o-Xylene	11.41	106	11036	3.32	ug/l	88
73) Isopropylbenzene	11.77	105	16828	9.24	ug/l	88
78) n-propylbenzene	12.16	91	15422	6.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	27549	19.40	ug/l	88
84) 1,2,4-Trimethylbenzene	12.63	105	20652	13.38	ug/l	87

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

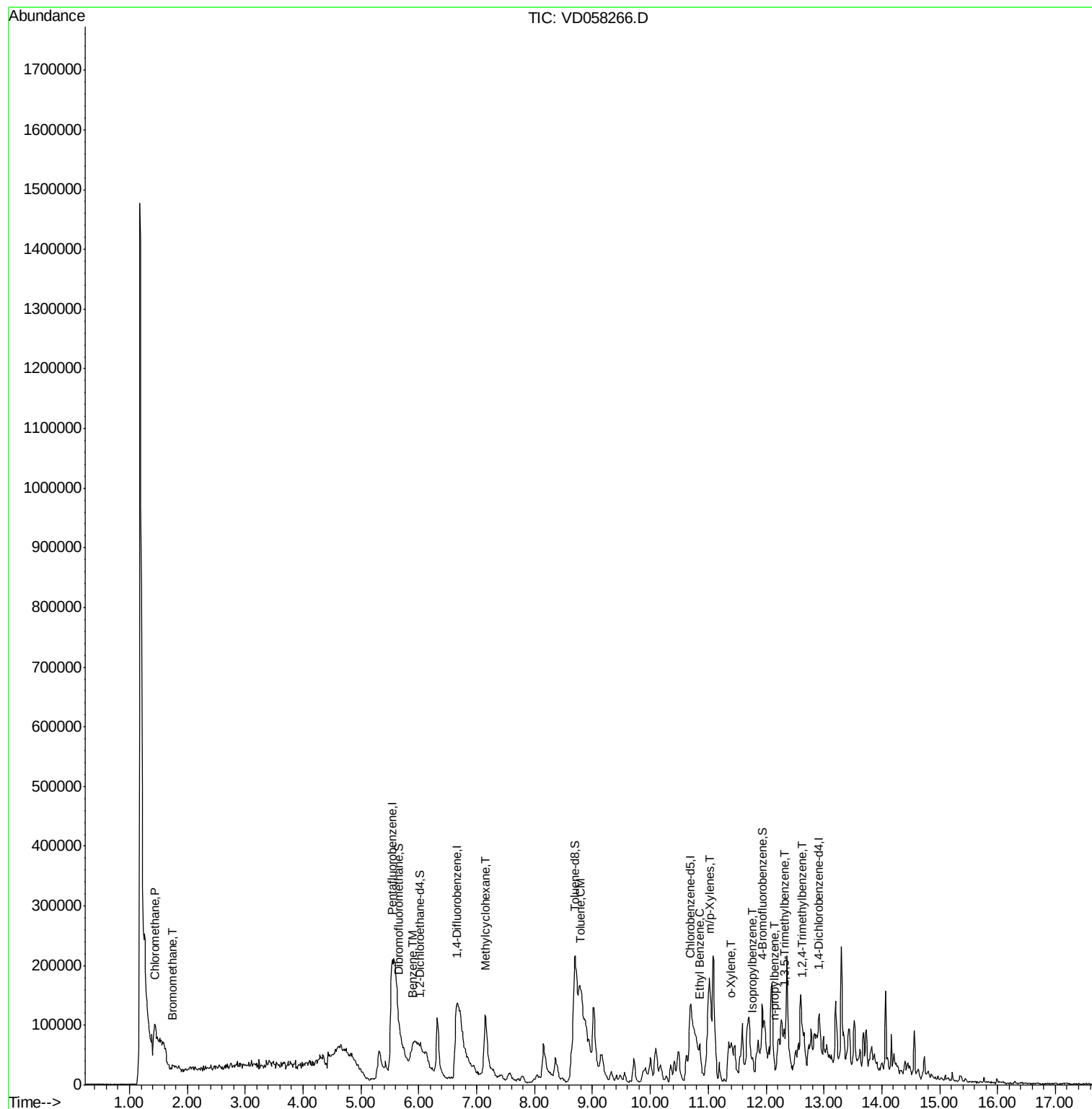
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058266.D
Acq On : 21 Jun 2018 21:43
Operator : VA/AP
Sample : J3603-19RE
Misc : 4.19g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

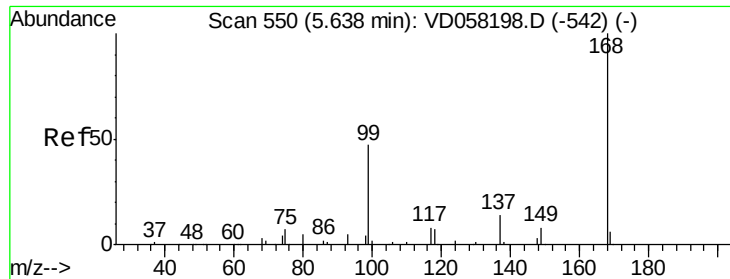
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

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Quant Time: Jun 22 07:30:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.10 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

Tot Ion:168 Resp: 506484

Ion Ratio Lower Upper

168 100

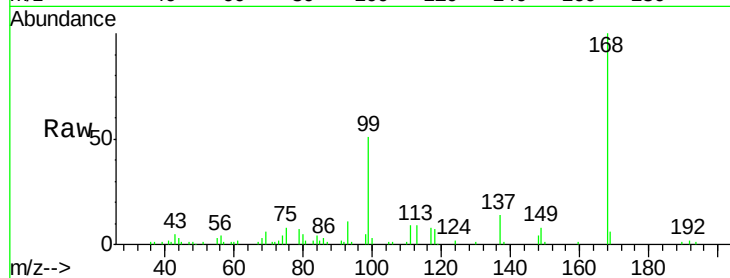
99 51.4 41.1 61.7

Manual Integrations

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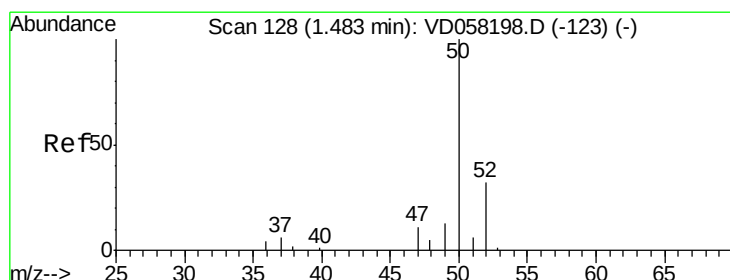
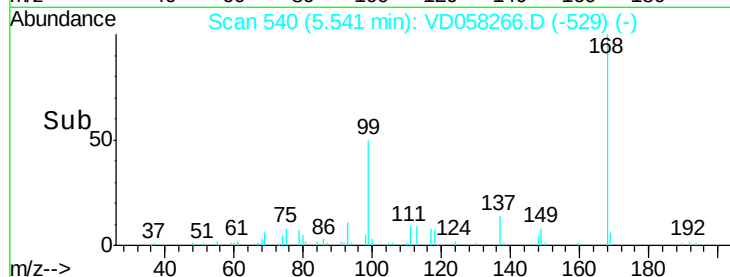
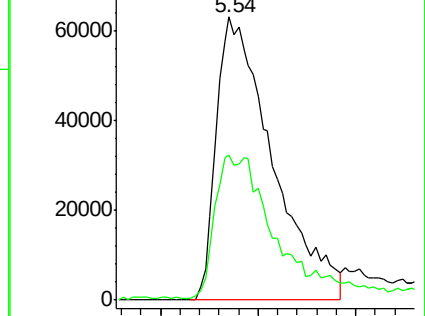
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 12.74 ug/l

RT: 1.44 min Scan# 123

Delta R.T. -0.05 min

Lab File: VD058266.D

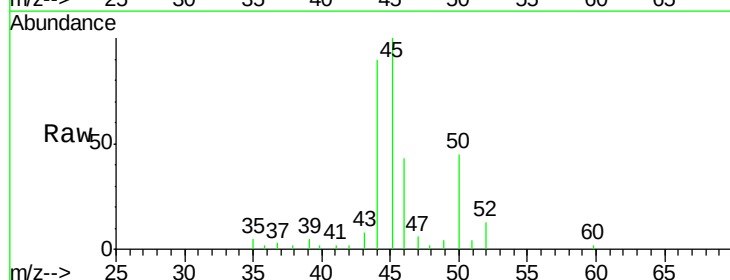
Acq: 21 Jun 2018 21:43

Tgt Ion: 50 Resp: 35334

Ion Ratio Lower Upper

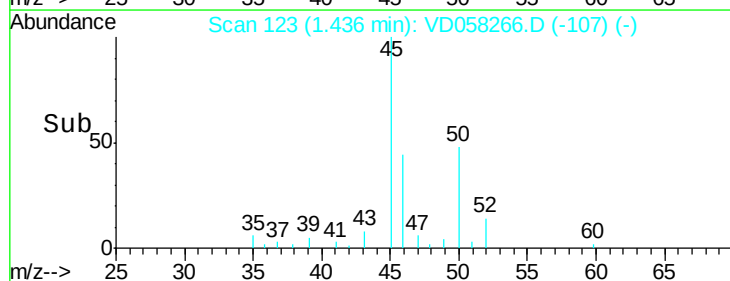
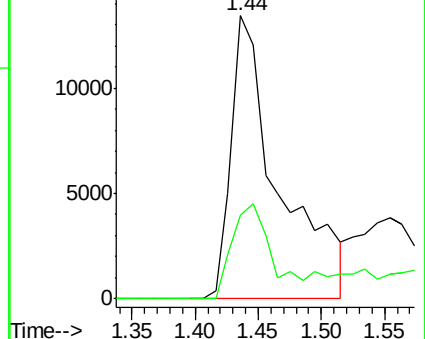
50 100

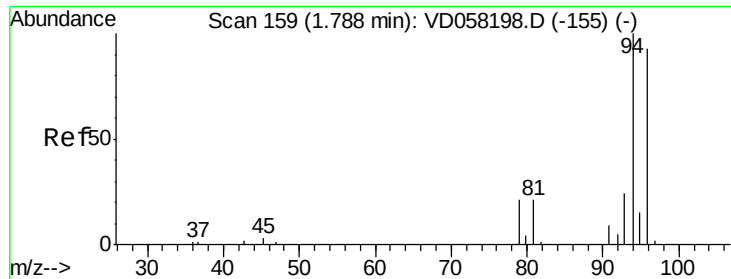
52 29.5 25.0 37.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 12.82 ug/l

RT: 1.75 min Scan# 155

Delta R.T. -0.04 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

Tot Ion: 94 Resp: 13230

Ion Ratio Lower Upper

94 100

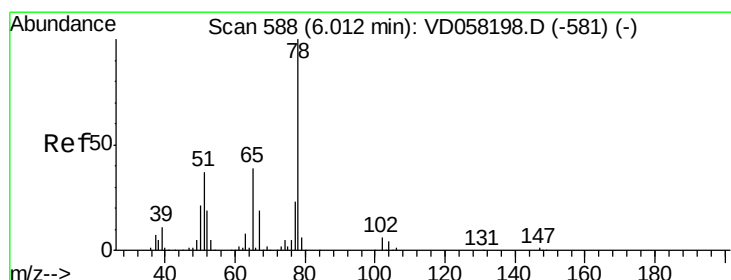
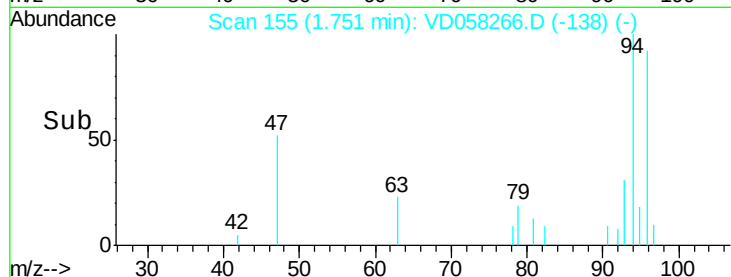
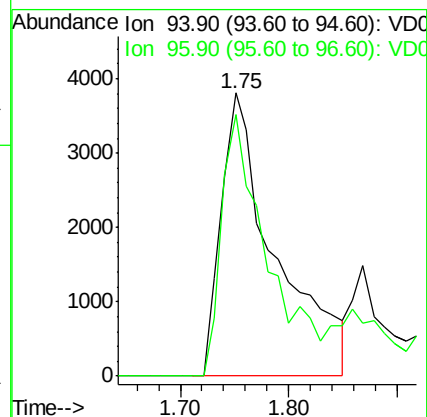
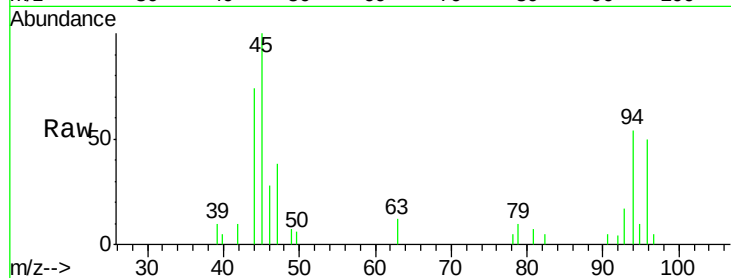
96 92.3 74.2 111.2

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#33

1,2-Dichloroethane-d4

Concen: Below ug/l m

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058266.D

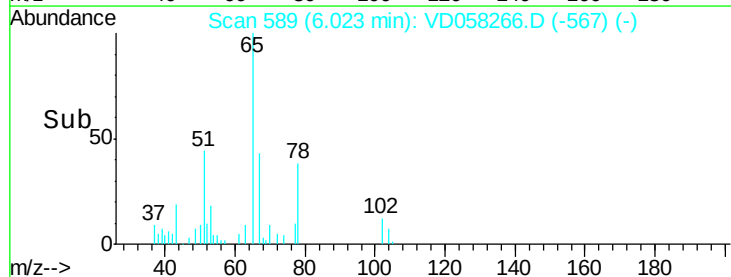
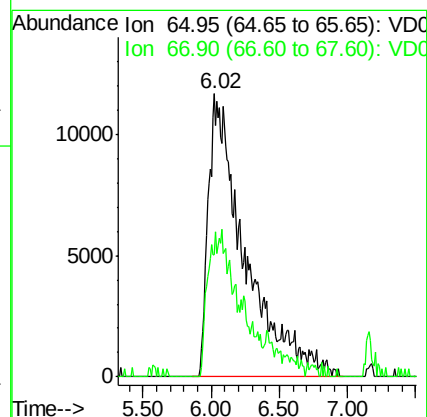
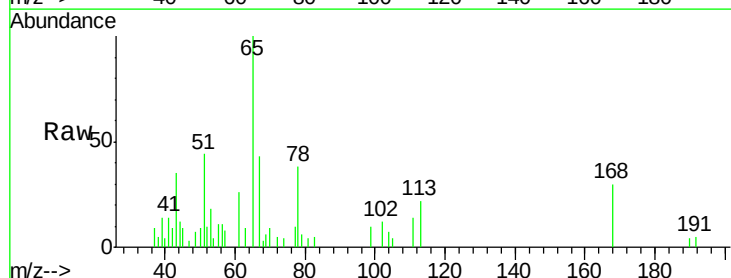
Acq: 21 Jun 2018 21:43

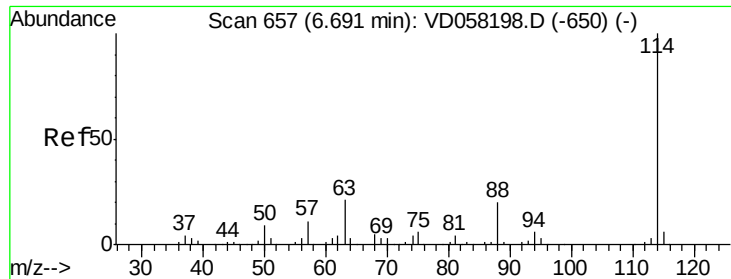
Tgt Ion: 65 Resp: 218375

Ion Ratio Lower Upper

65 100

67 42.9 0.0 97.8





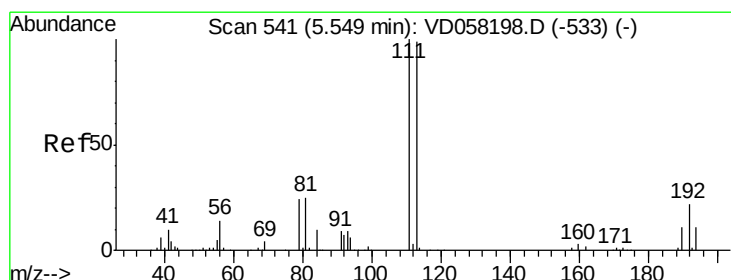
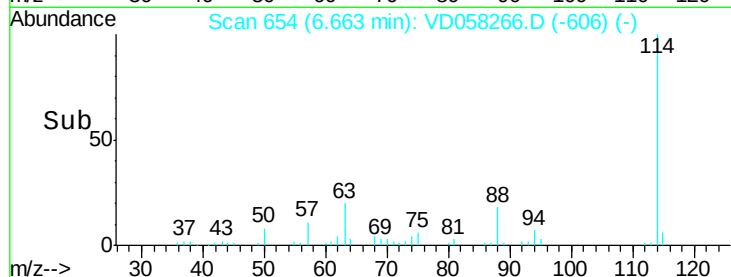
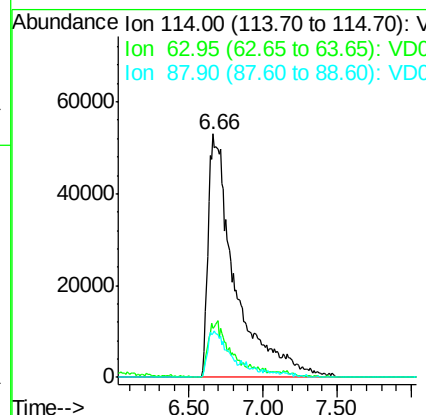
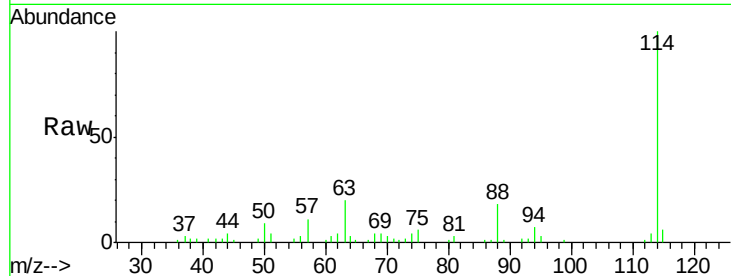
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l m
 RT: 6.66 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	674878		
63	20.3		0.0	42.6
88	18.1		0.0	40.6

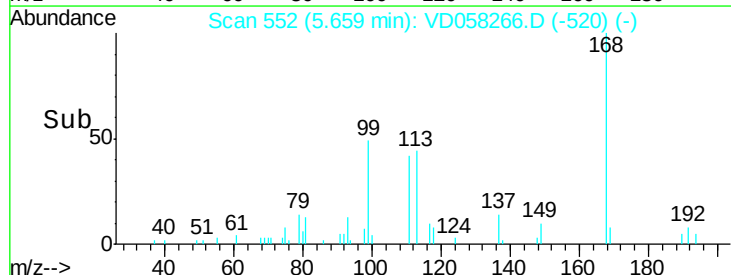
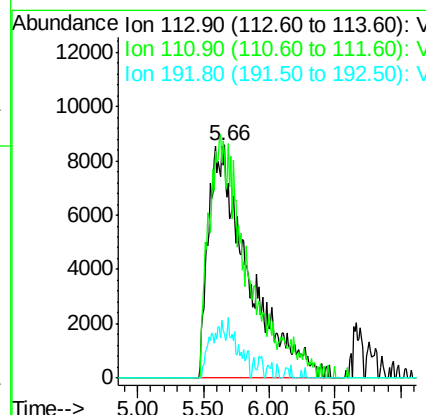
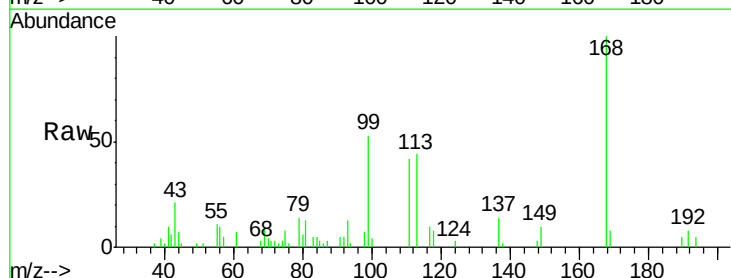
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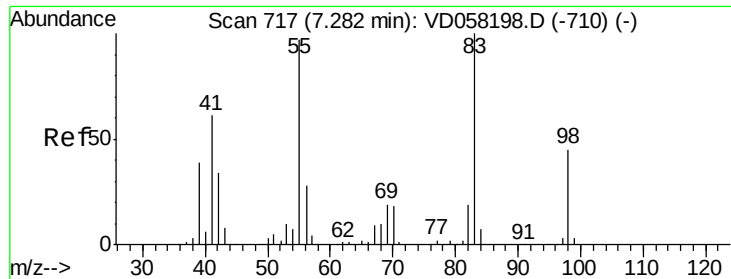
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#35
 Dibromofluoromethane
 Concen: 50.00 ug/l m
 RT: 5.66 min Scan# 552
 Delta R.T. 0.11 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	181678		
111	96.2		80.6	121.0
192	18.7		17.8	26.6





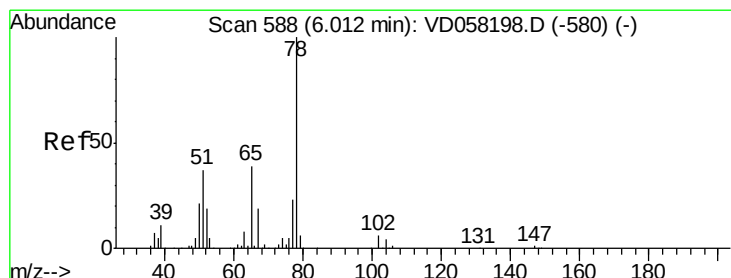
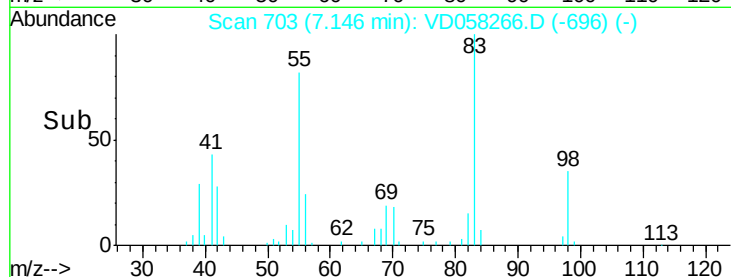
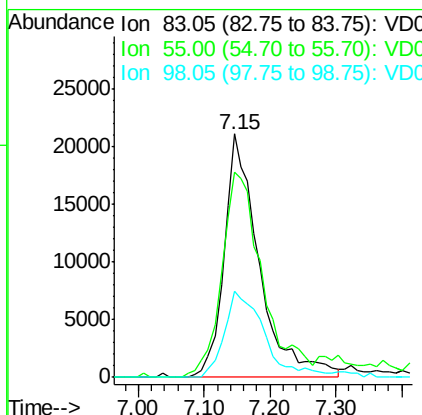
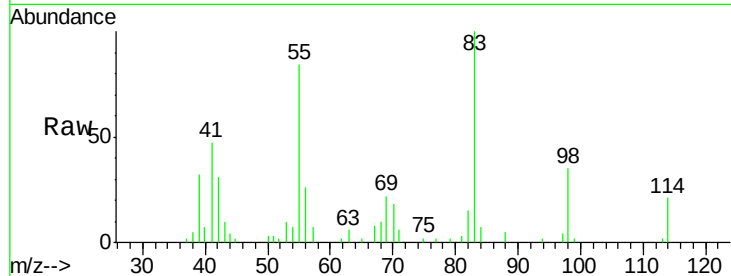
#39
Methylvlcyclohexane
Concen: 12.08 ug/l
RT: 7.15 min Scan# 703
Delta R.T. -0.14 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	77.4	116.2
98	35.5	35.9	53.9#

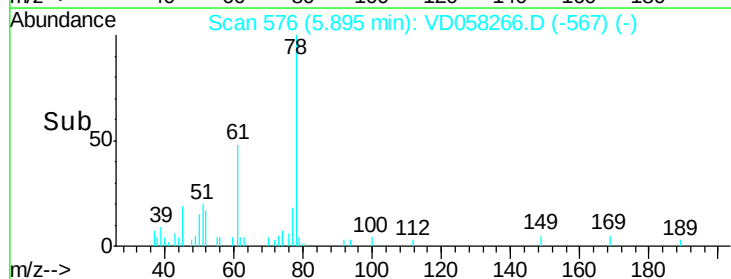
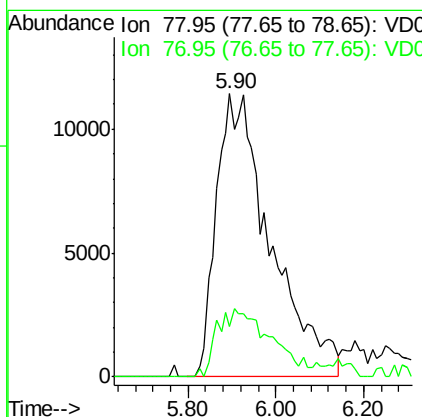
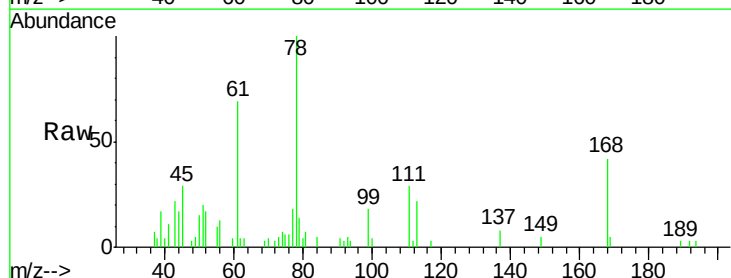
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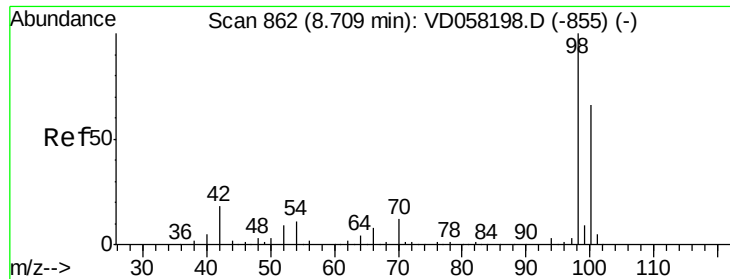
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#40
Benzene
Concen: 6.15 ug/l m
RT: 5.90 min Scan# 576
Delta R.T. -0.12 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.5	27.7#





#50

Toluene-d8

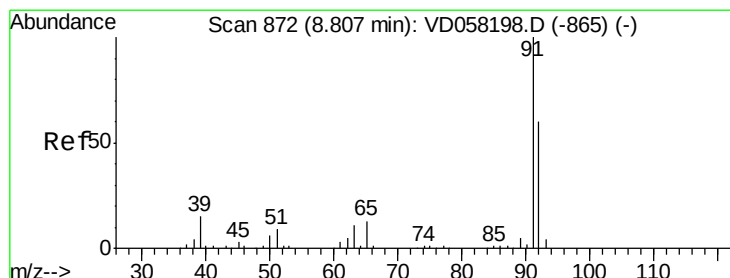
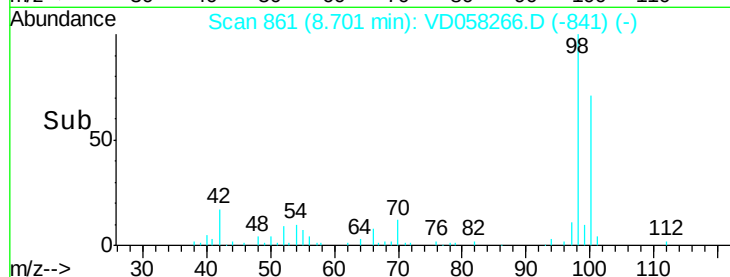
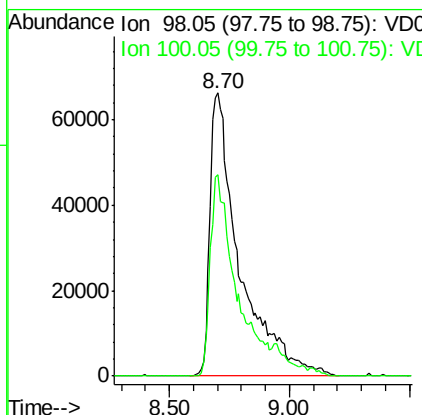
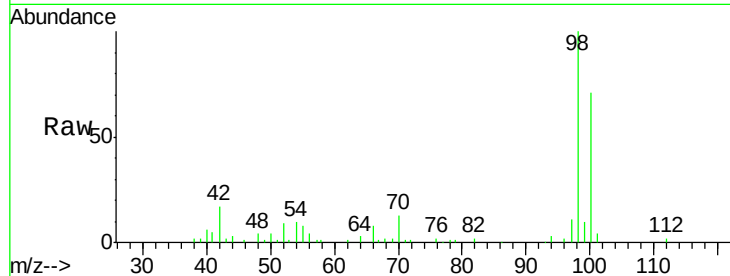
Concen: N.D. ug/l m
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

Tot Ion: 98 Resp: 565262
Ion Ratio Lower Upper
98 100
100 71.3 53.6 80.4

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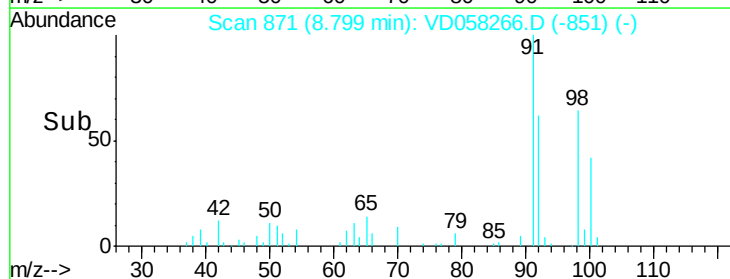
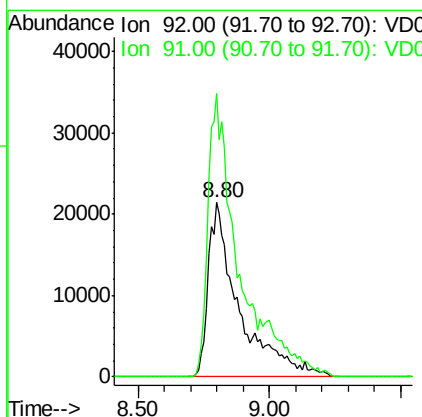
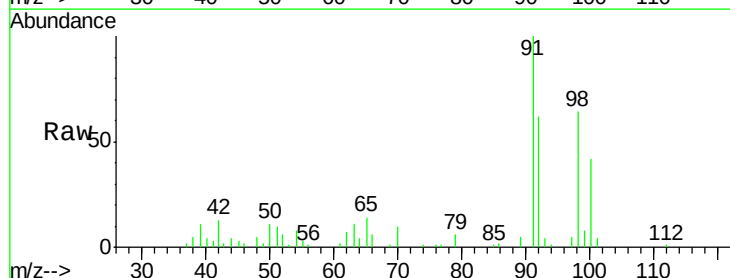


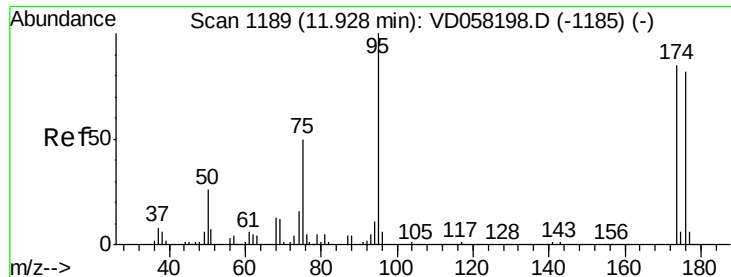
#52

Toluene

Concen: 19.31 ug/l m
RT: 8.80 min Scan# 871
Delta R.T. -0.01 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Tgt Ion: 92 Resp: 174856
Ion Ratio Lower Upper
92 100
91 162.4 133.2 199.8





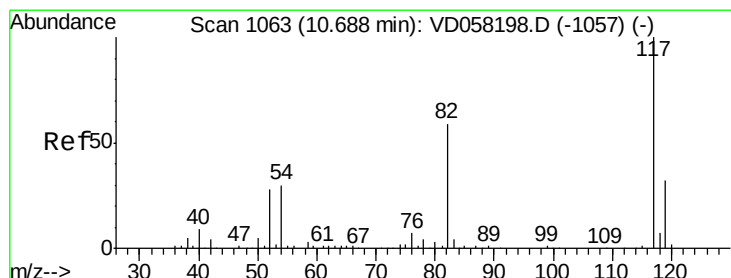
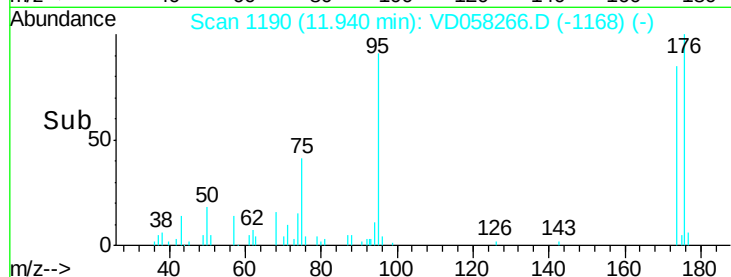
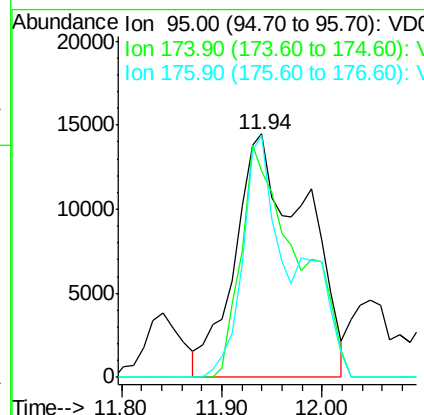
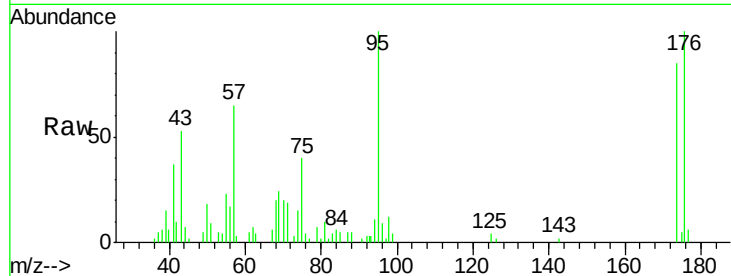
#62
4-Bromofluorobenzene
Concen: N.D. ug/l m
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	70580		
174	84.8		0.0	170.2
176	99.8		0.0	164.6

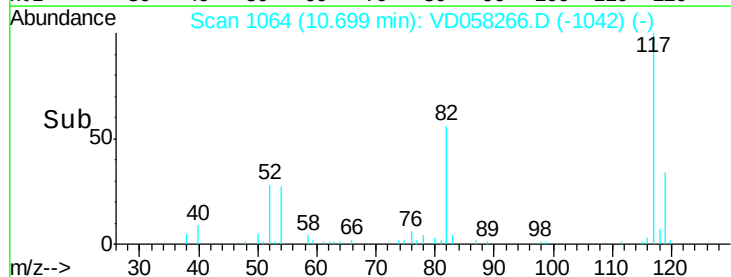
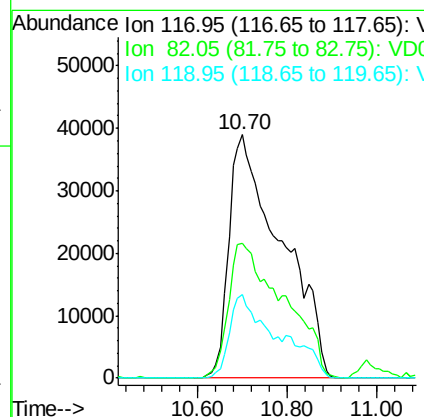
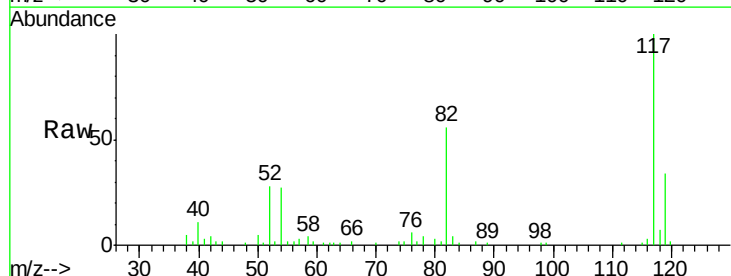
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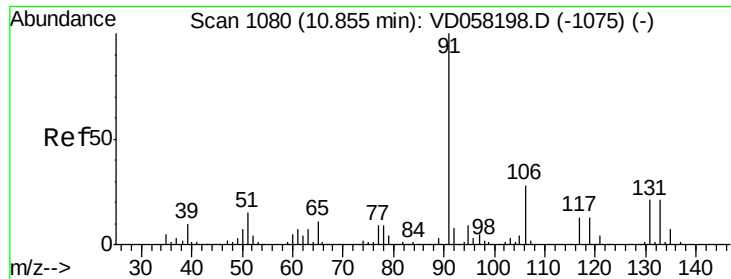
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l m
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	315650		
82	55.6		47.0	70.6
119	34.2		25.3	37.9





#67

Ethyl Benzene

Concen: 3.30 ug/l

RT: 10.86 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

Tot Ion: 91 Resp: 34413

Ion Ratio Lower Upper

91 100

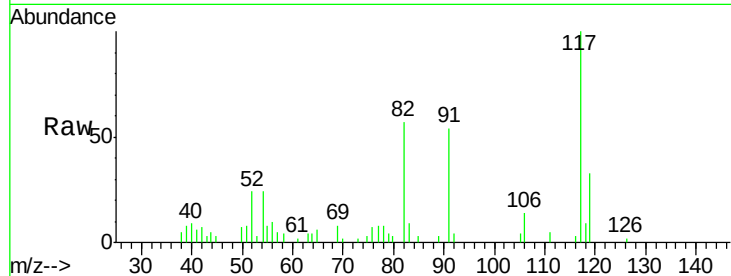
106 26.4 22.0 33.0

Manual Integrations

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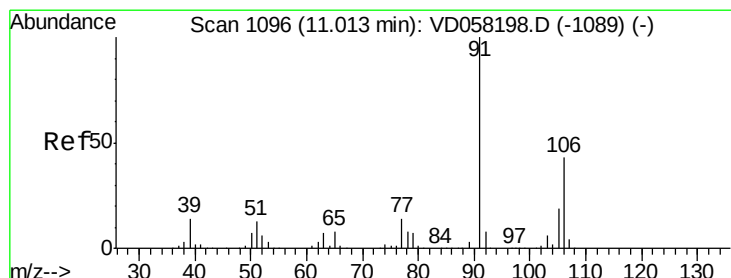
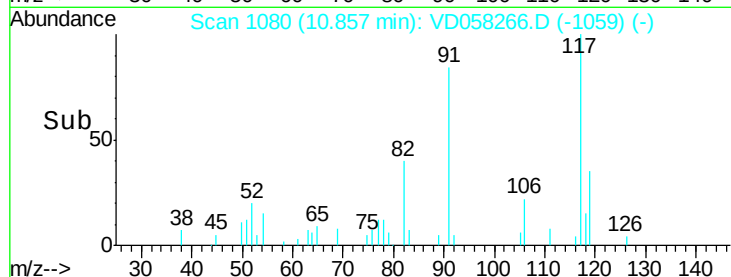
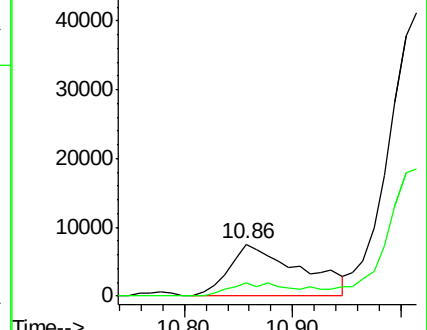
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V



#68

m/p-Xylenes

Concen: 29.74 ug/l

RT: 11.01 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VD058266.D

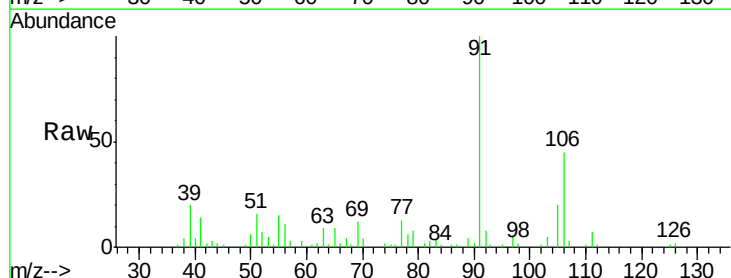
Acq: 21 Jun 2018 21:43

Tgt Ion: 106 Resp: 103371

Ion Ratio Lower Upper

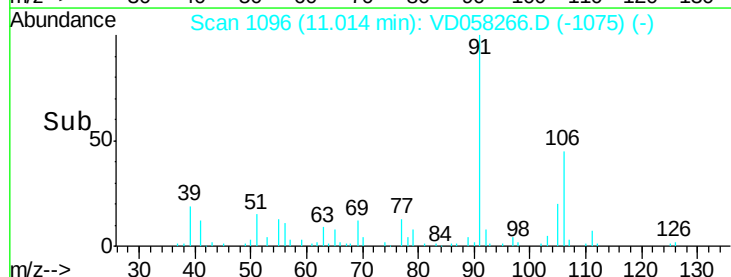
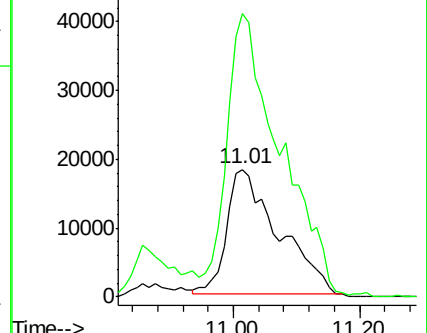
106 100

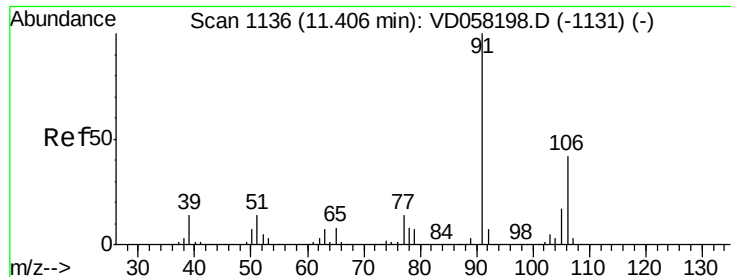
91 221.6 185.0 277.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V





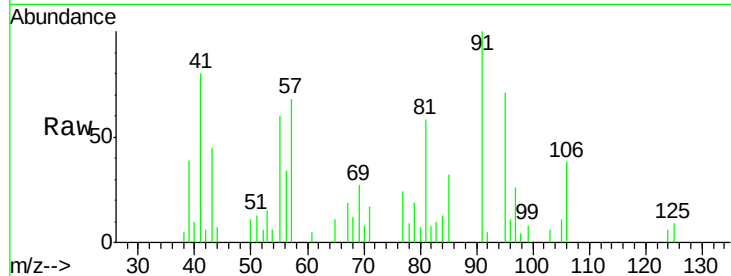
#69
o-Xylene
Concen: 3.32 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

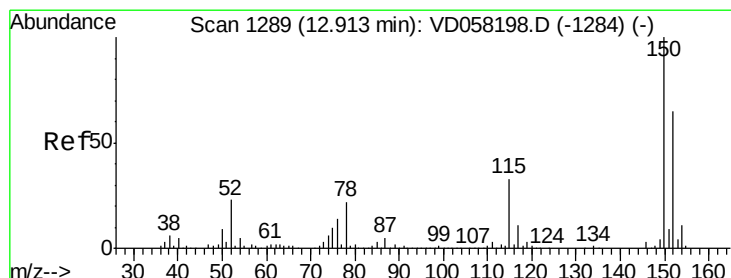
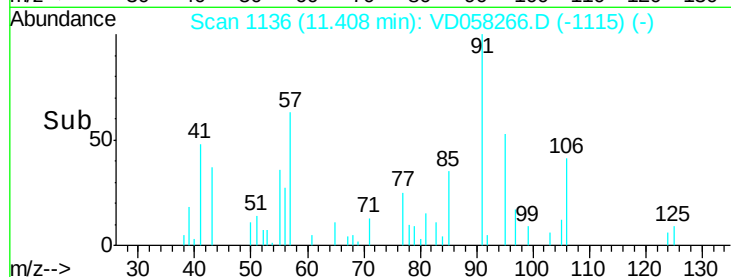
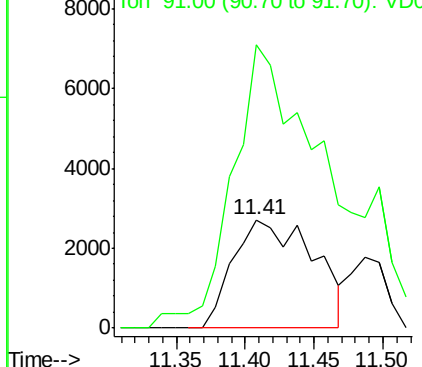
Tot Ion:106 Resp: 11036
Ion Ratio Lower Upper
106 100
91 260.9 120.2 360.6

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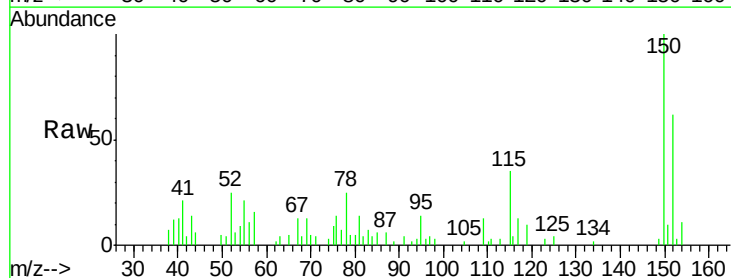


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

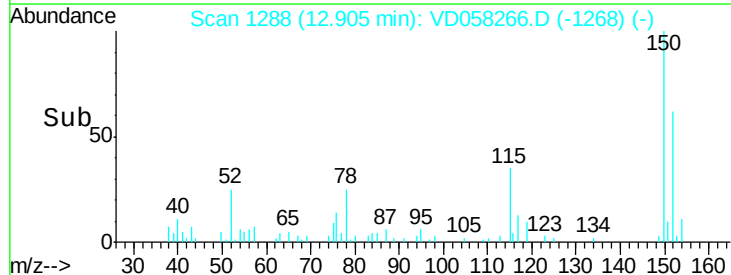
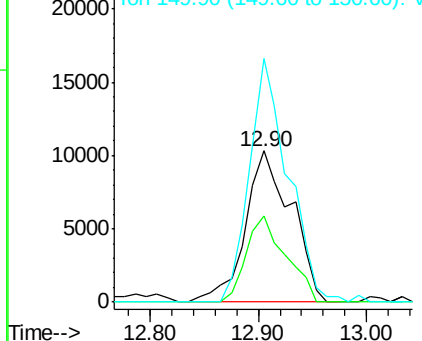


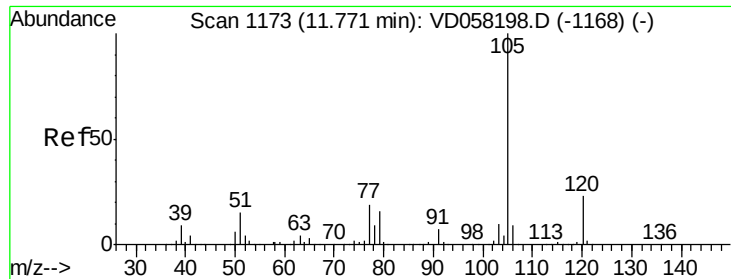
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Tgt Ion:152 Resp: 30433
Ion Ratio Lower Upper
152 100
115 56.6 25.1 75.3
150 160.9 0.0 308.8



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: 9.24 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

Tot Ion: 105 Resp: 16828

Ion Ratio Lower Upper

105 100

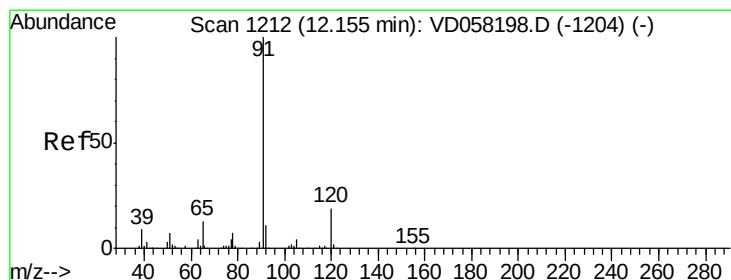
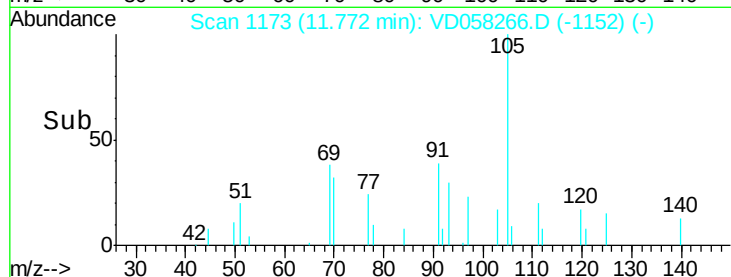
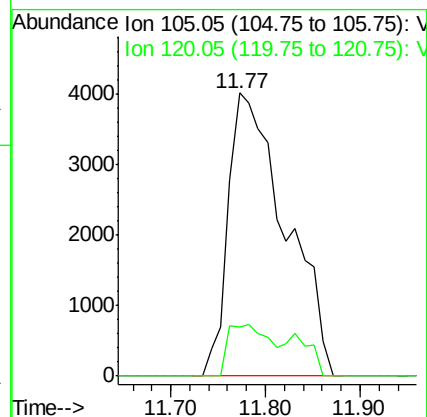
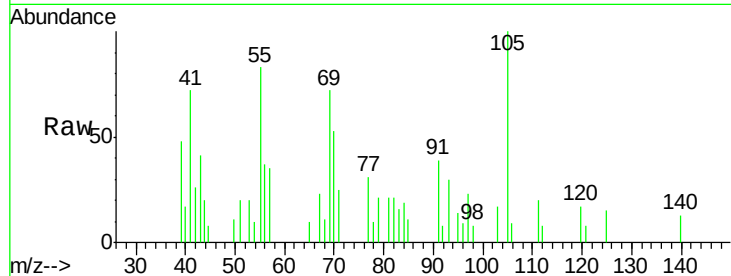
120 17.3 11.6 34.8

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#78

n-propylbenzene

Concen: 6.56 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058266.D

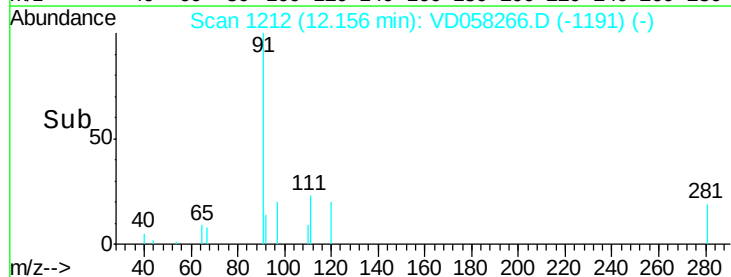
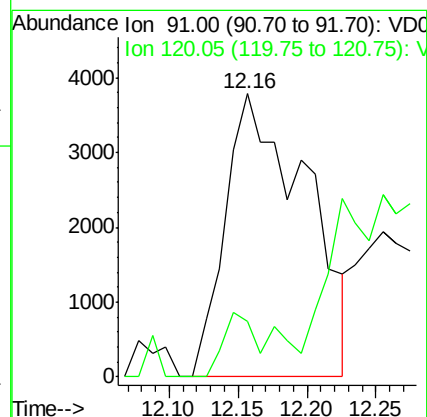
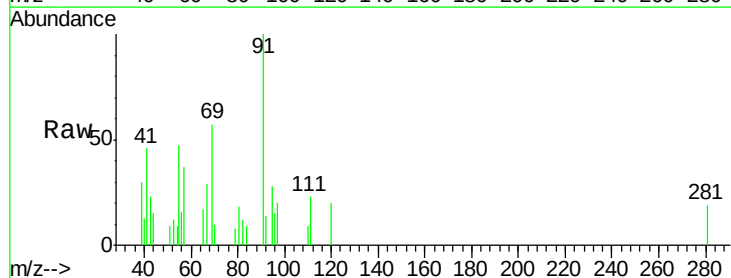
Acq: 21 Jun 2018 21:43

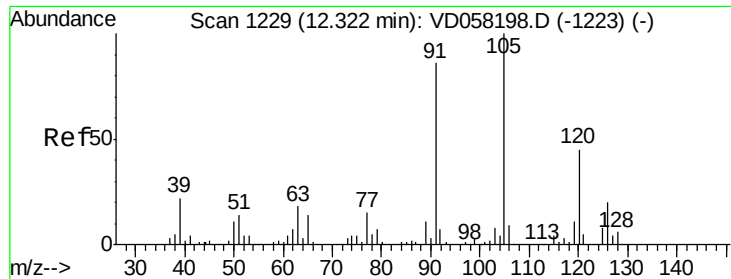
Tgt Ion: 91 Resp: 15422

Ion Ratio Lower Upper

91 100

120 19.8 9.7 29.1





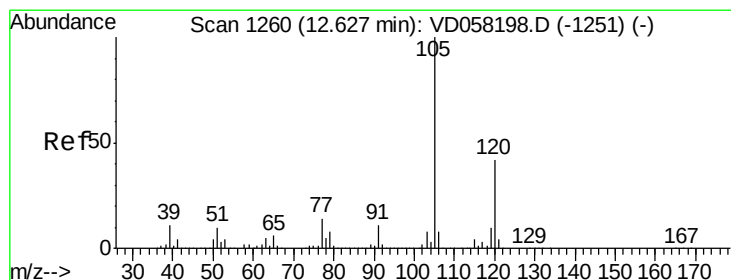
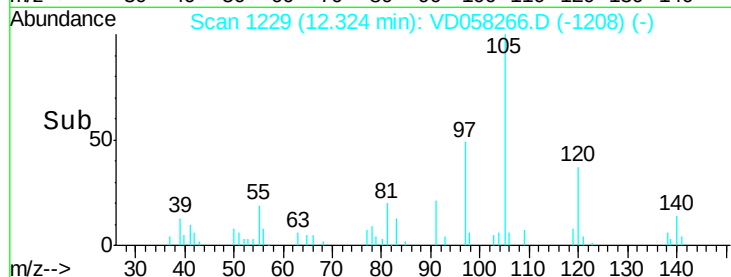
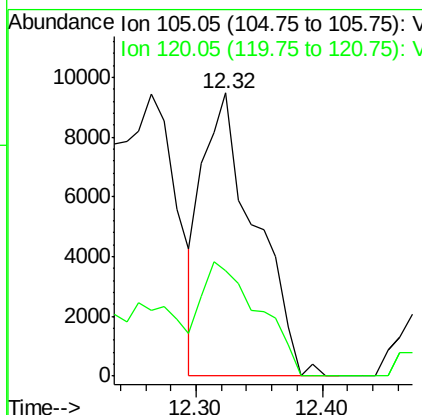
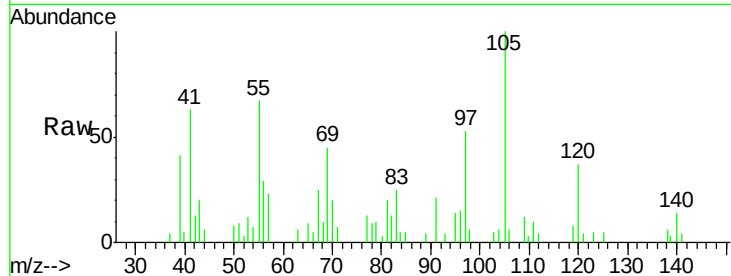
#80
 1,3,5-Trimethylbenzene
 Concen: 19.40 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

Tot Ion:105 Resp: 27549
 Ion Ratio Lower Upper
 105 100
 120 37.4 22.5 67.5

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#84
 1,2,4-Trimethylbenzene
 Concen: 13.38 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion:105 Resp: 20652
 Ion Ratio Lower Upper
 105 100
 120 49.9 20.8 62.4

