

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059715.D
 Acq On : 8 Aug 2018 16:11
 Operator : VA/AP
 Sample : J4297-08RE
 Misc : 5.33q/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8RE

Manual Integrations
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Quant Time: Aug 08 16:55:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	115232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	159923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	73177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	48427m	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	76246	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	5.54	113	62155	43.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.54%	
50) Toluene-d8	8.71	98	151551	48.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.94	95	285414	197.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	395.58%	
Target Compounds						
16) Acetone	2.59	43	85687	307.73	ug/l	99
25) 2-Butanone	4.83	43	15839	43.31	ug/l	93
31) Cyclohexane	5.59	56	7096	2.38	ug/l #	96
39) Methylcyclohexane	7.28	83	146368	97.41	ug/l	94
73) Isopropylbenzene	11.79	105	41049m	12.61	ug/l	
83) tert-Butylbenzene	12.60	119	52479	17.30	ug/l	67
85) sec-Butylbenzene	12.77	105	85314	25.32	ug/l	95

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

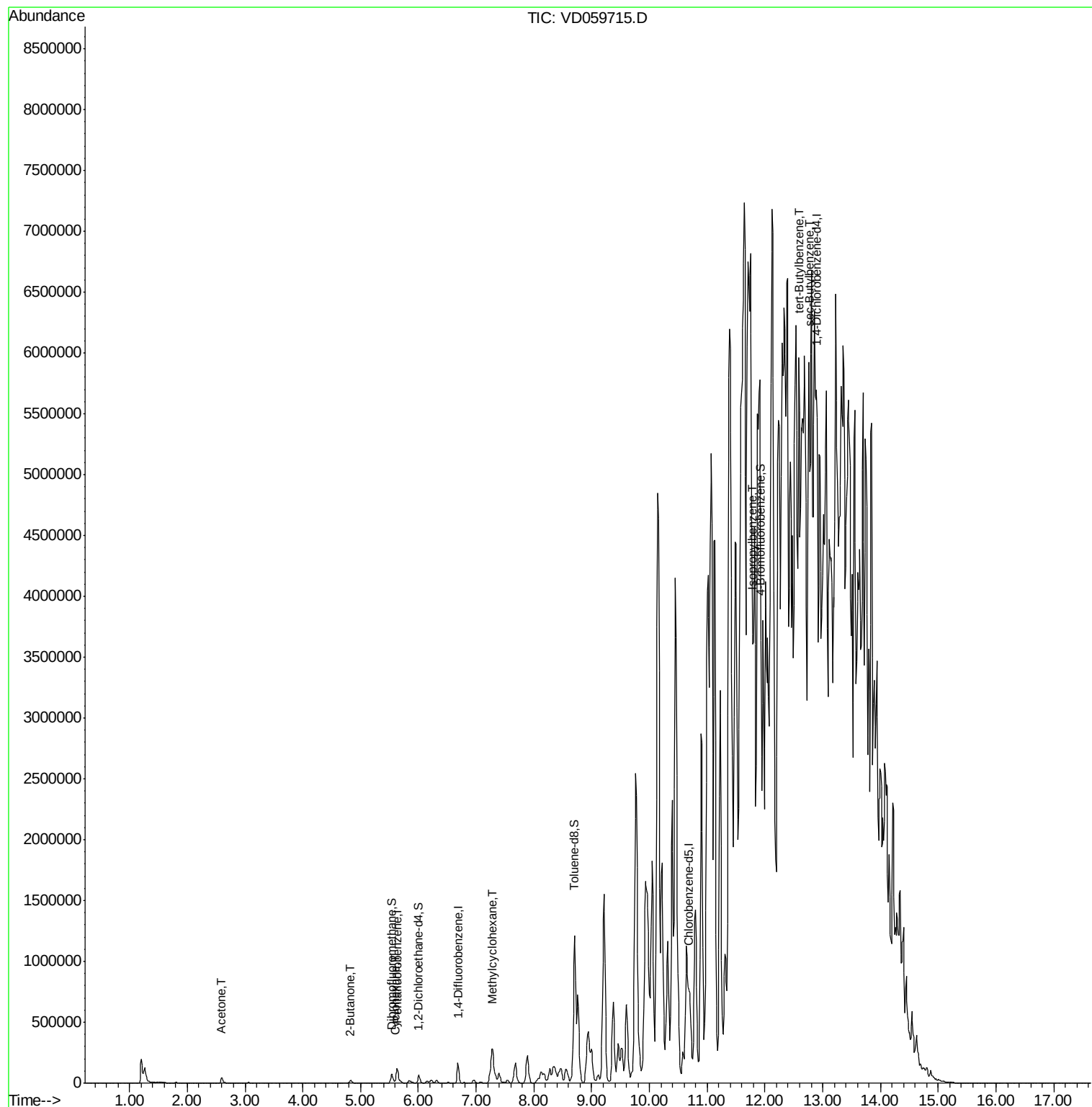
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080818\
Data File : VD059715.D
Acq On : 8 Aug 2018 16:11
Operator : VA/AP
Sample : J4297-08RE
Misc : 5.33q/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

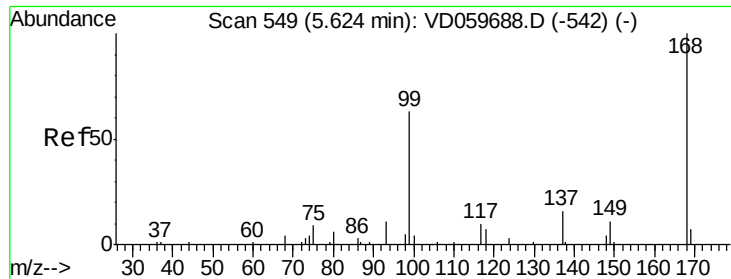
Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

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Quant Time: Aug 08 16:55:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration





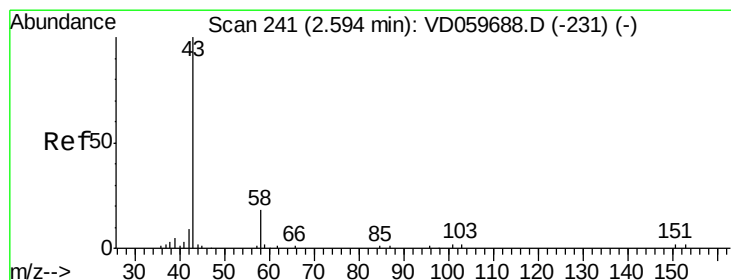
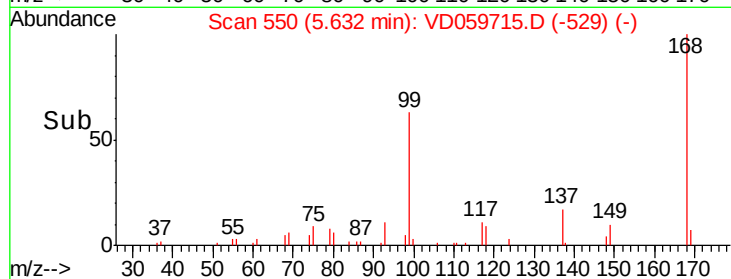
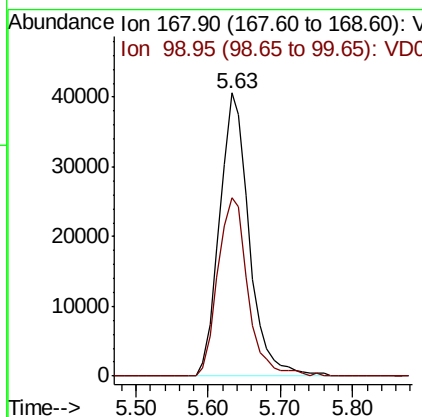
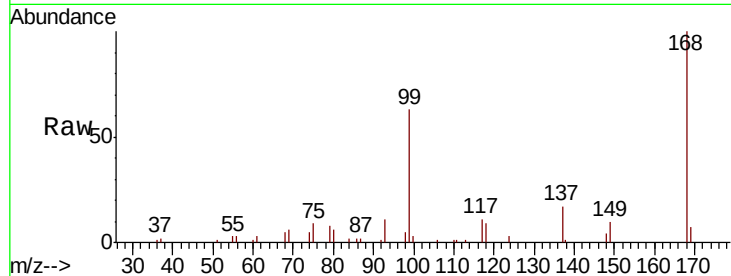
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampled :
TP-8RE

Tot Ion	Ratio	Resp	Lower	Upper
168	100	115232		
99	63.1	53.4	80.2	

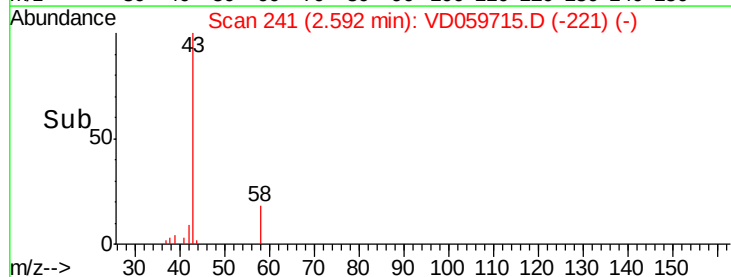
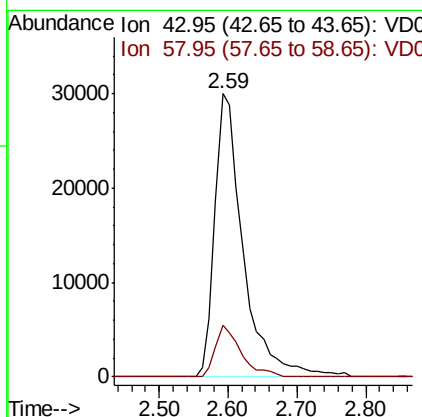
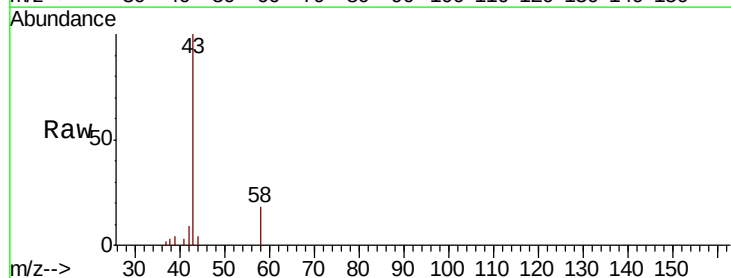
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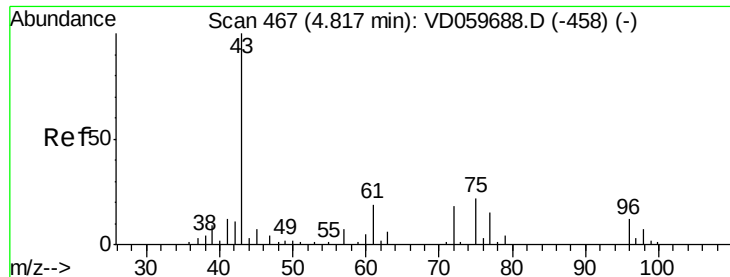
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#16
Acetone
Concen: 307.73 ug/l
RT: 2.59 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	85687		
58	18.1	14.2	21.2	





#25

2-Butanone

Concen: 43.31 ug/l

RT: 4.83 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampled :

TP-8RE

Tot Ion: 43 Resp: 15839

Ion Ratio Lower Upper

43 100

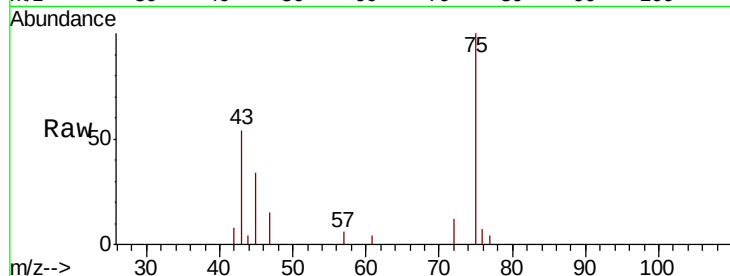
72 21.2 14.6 21.8

Manual Integrations

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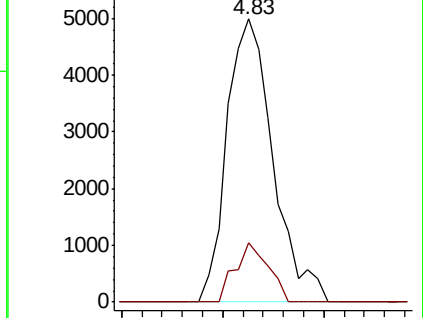
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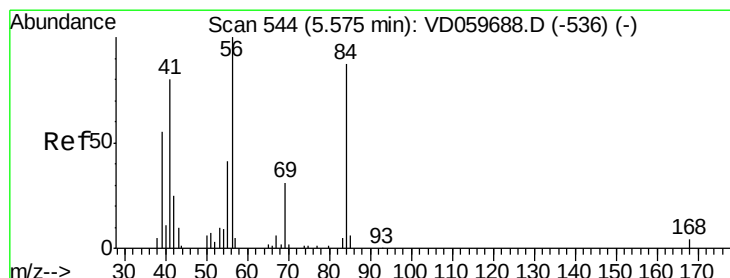
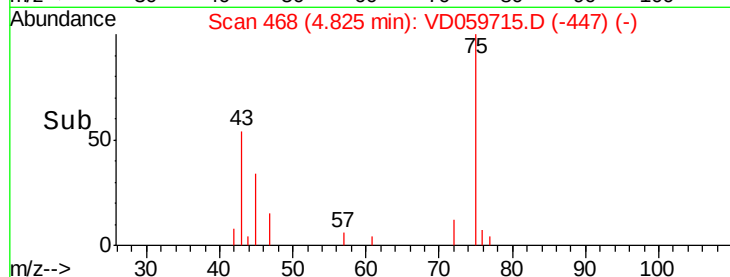


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#31

Cyclohexane

Concen: 2.38 ug/l

RT: 5.59 min Scan# 546

Delta R.T. 0.02 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

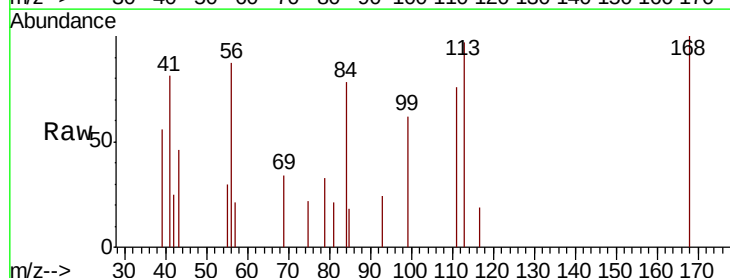
Tgt Ion: 56 Resp: 7096

Ion Ratio Lower Upper

56 100

69 38.7 24.7 37.1#

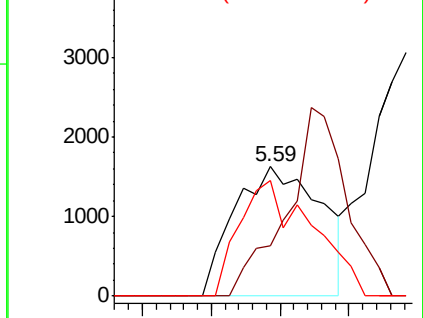
84 89.6 72.2 108.2



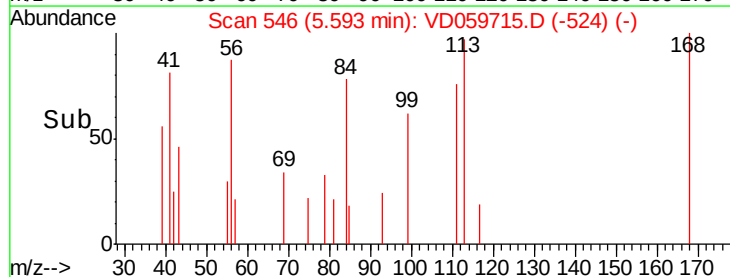
Abundance Ion 55.95 (55.65 to 56.65): VDC

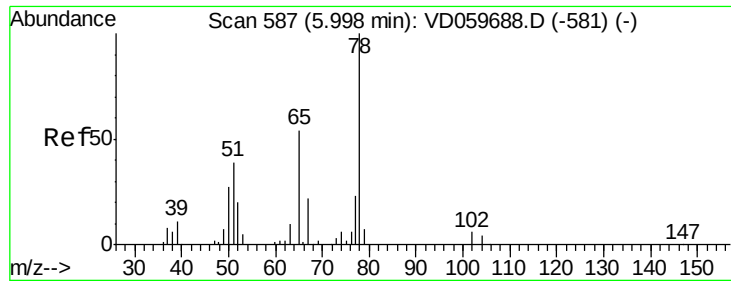
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



Time-->





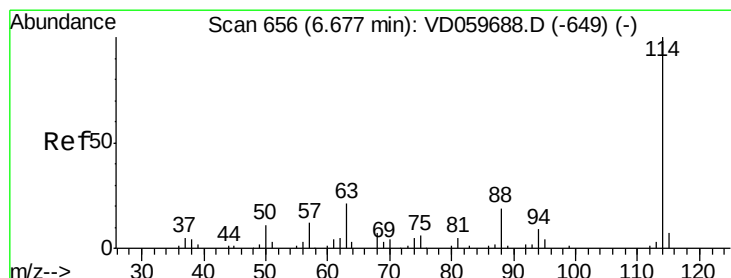
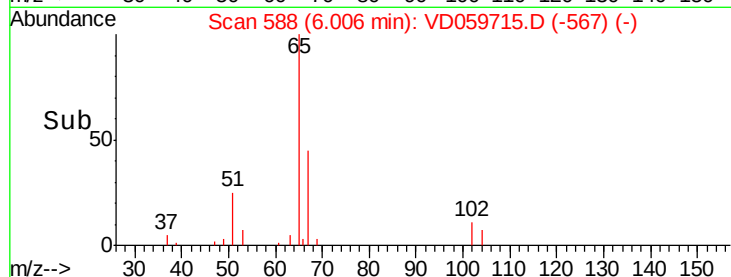
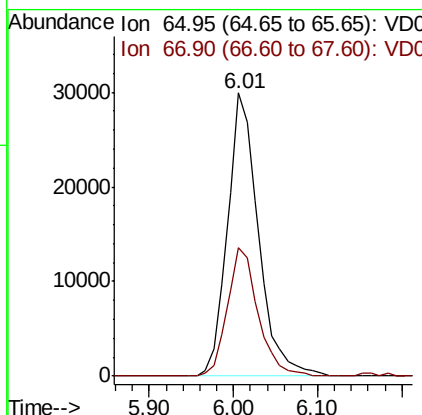
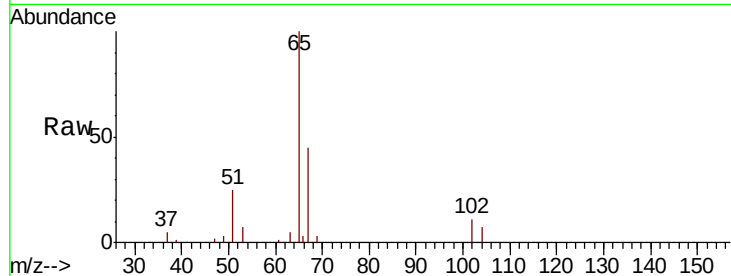
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Instrument :
 MSVOA_D
 ClientSampled :
 TP-8RE

Tot Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	80.4

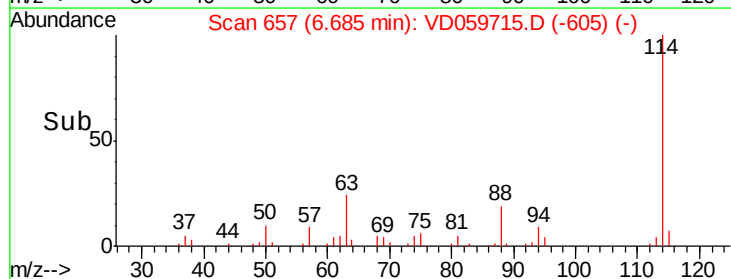
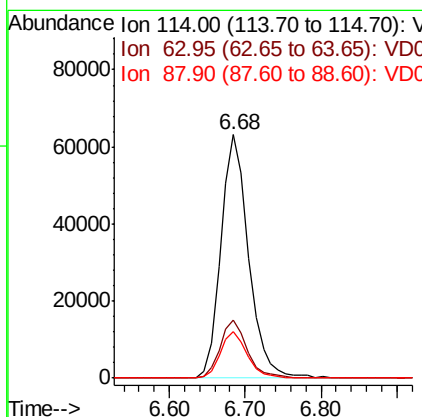
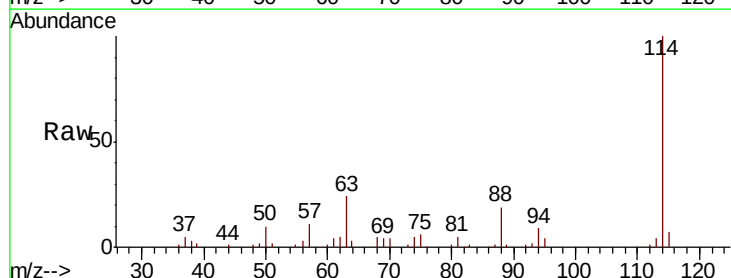
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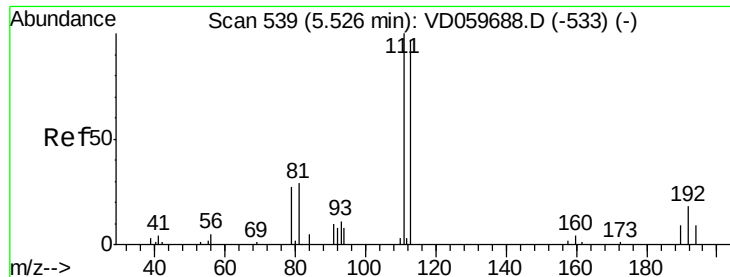
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	42.6
88	19.0	0.0	38.8





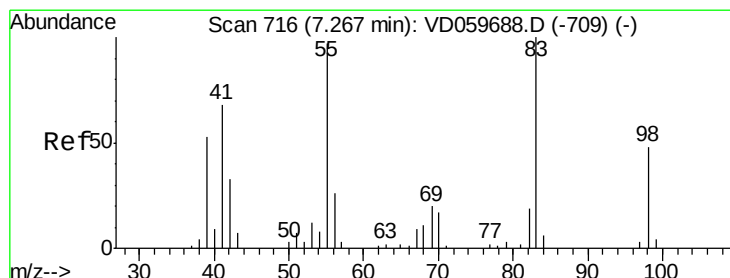
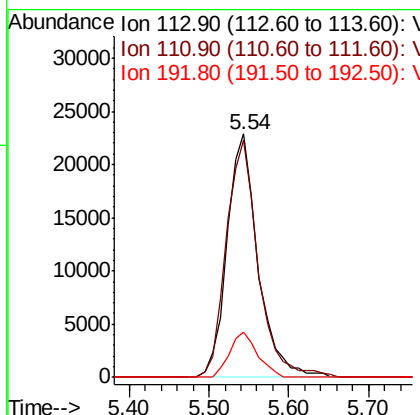
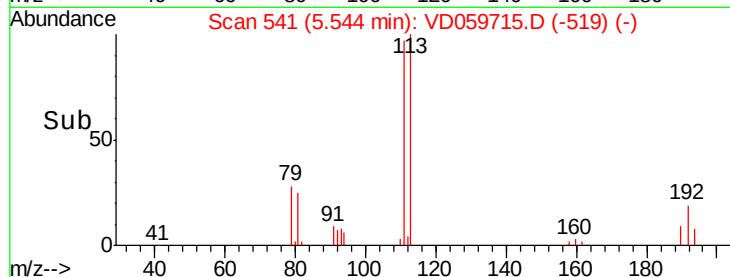
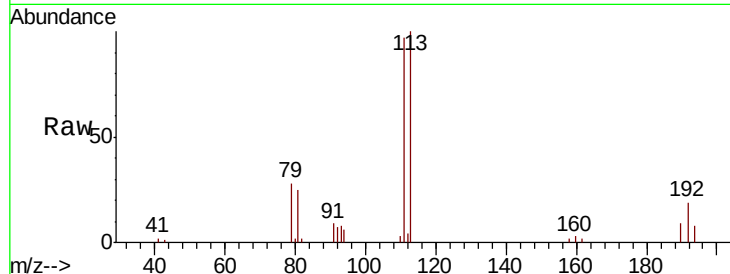
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 541
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.3	82.8	124.2
192	18.7	14.6	22.0

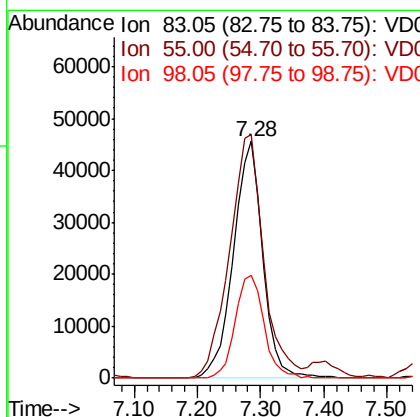
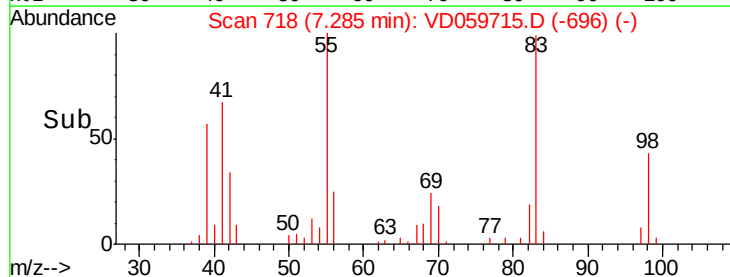
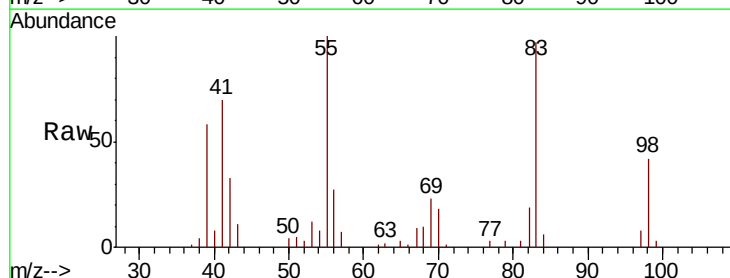
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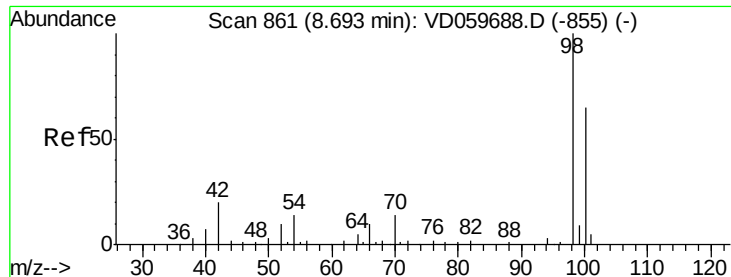
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#39
Methylcyclohexane
Concen: 97.41 ug/l
RT: 7.28 min Scan# 718
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	102.7	77.7	116.5
98	43.6	38.7	58.1





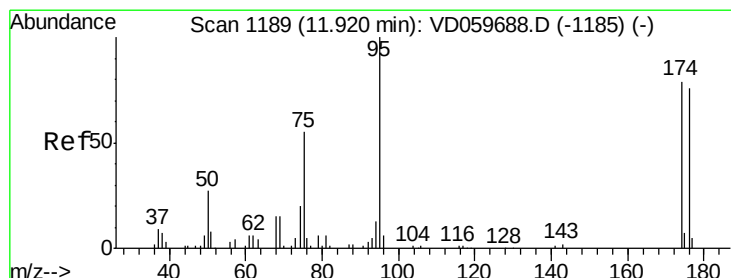
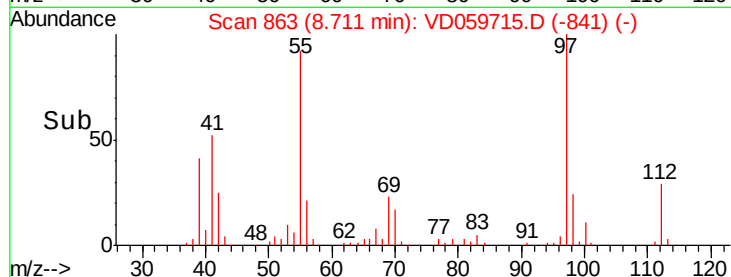
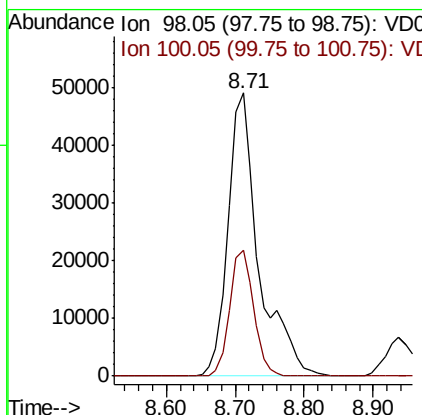
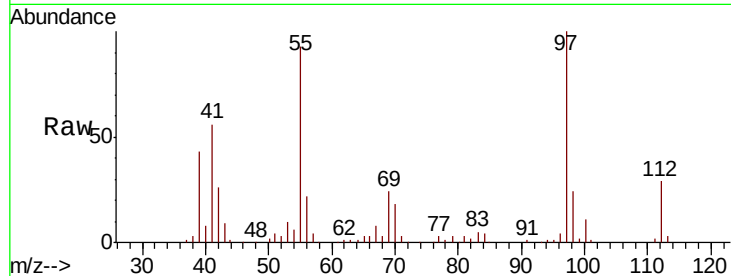
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampled :
TP-8RE

Tot Ion: 98 Resp: 151551
Ion Ratio Lower Upper
98 100
100 44.6 52.5 78.7#

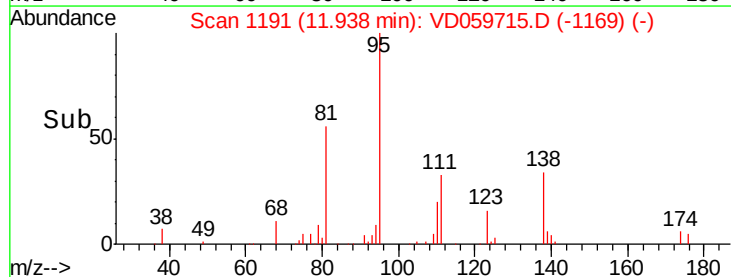
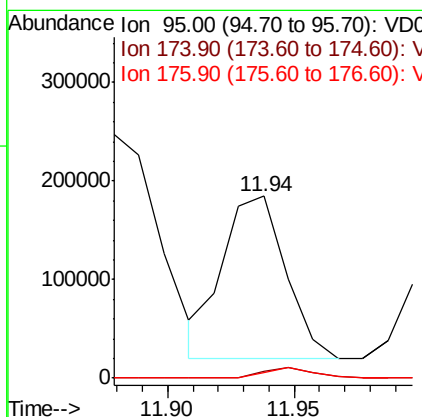
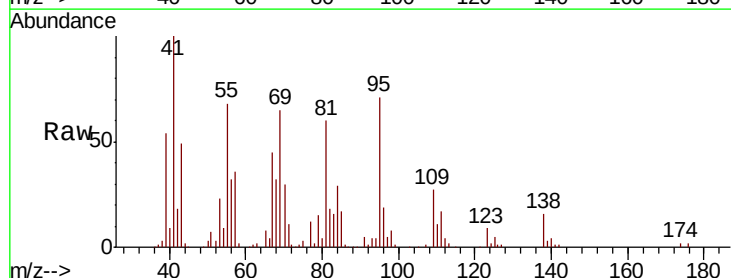
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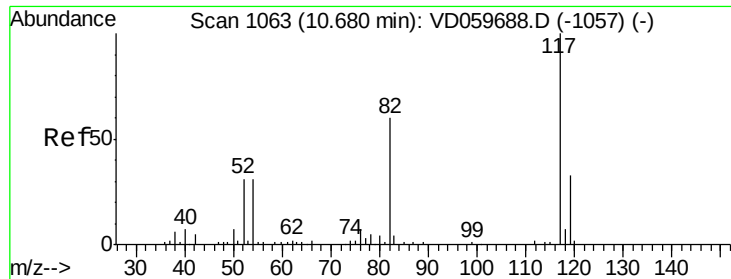
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#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.94 min Scan# 1191
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion: 95 Resp: 285414
Ion Ratio Lower Upper
95 100
174 3.5 0.0 158.4
176 3.2 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

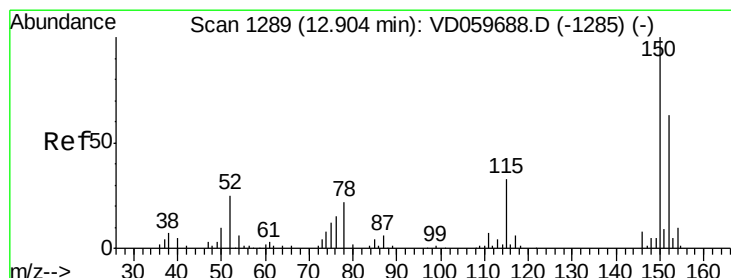
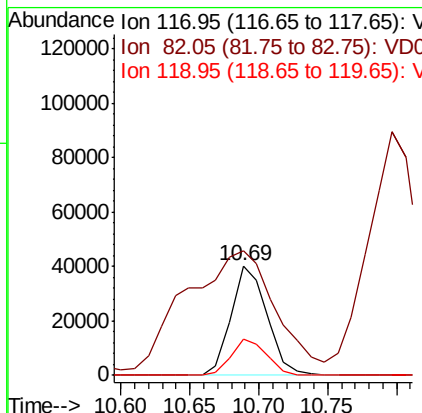
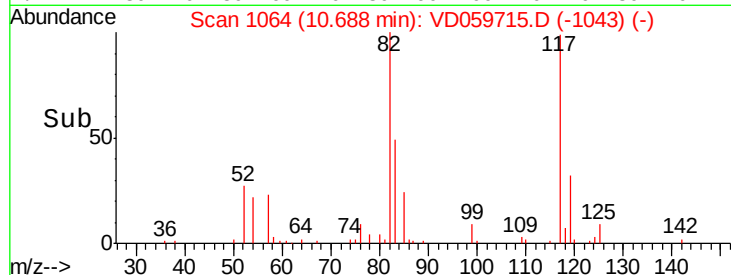
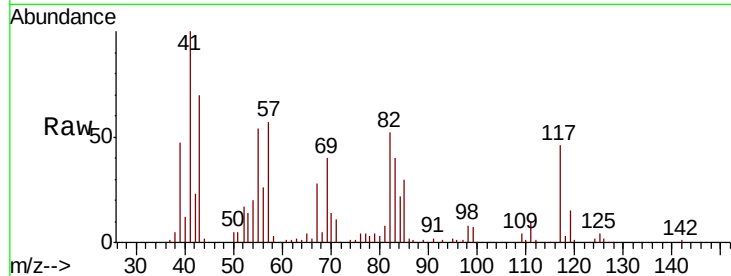
ClientSampled :

TP-8RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	113.9	47.7	71.5#
119	32.6	26.6	40.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l m

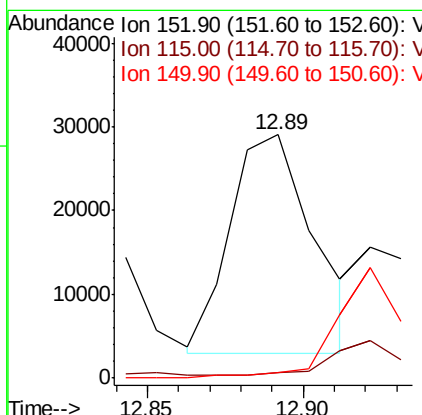
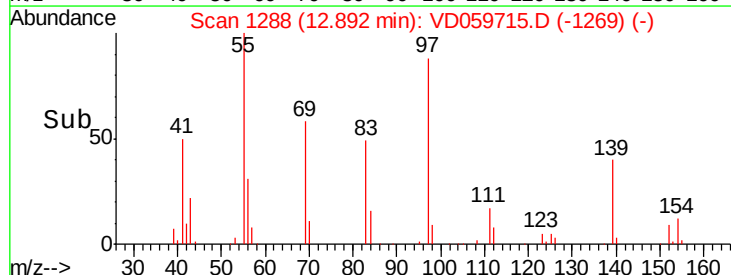
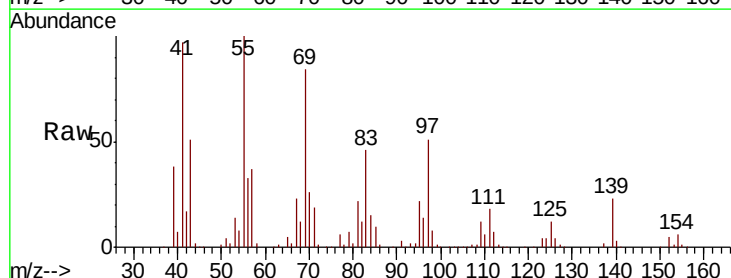
RT: 12.89 min Scan# 1288

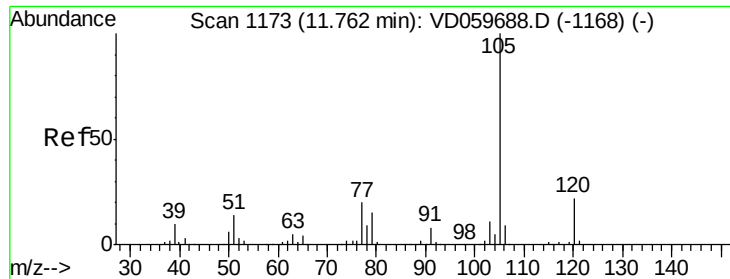
Delta R.T. -0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	2.2	28.8	86.4#
150	2.2	0.0	318.0





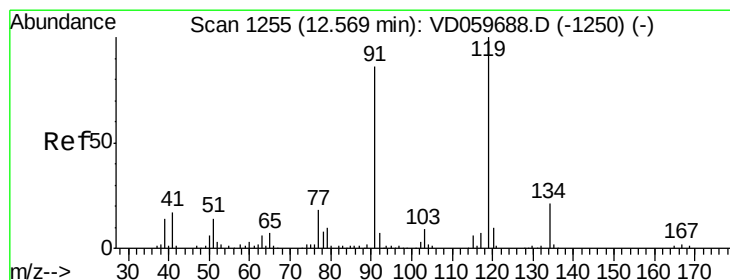
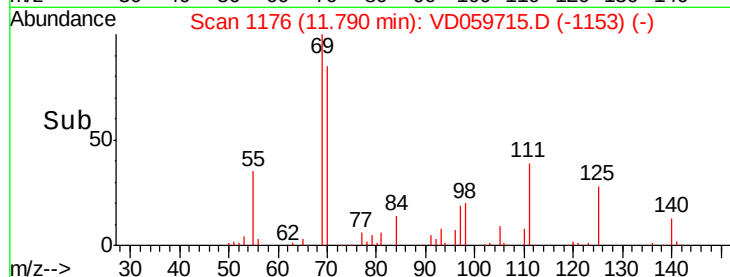
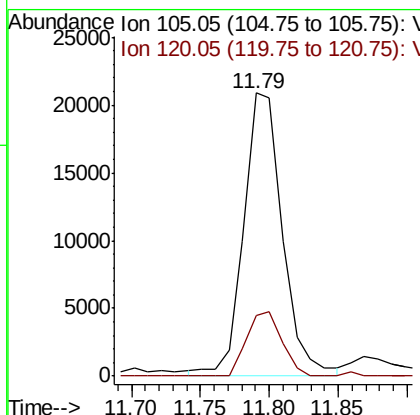
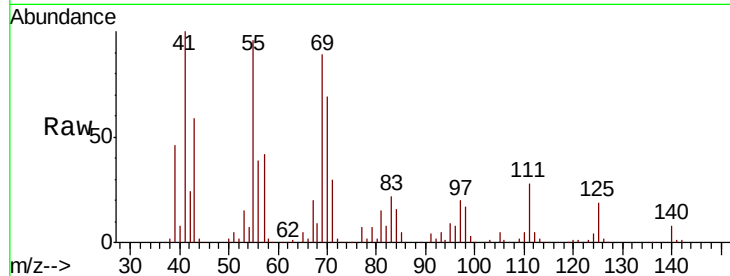
#73
Isopropylbenzene
Concen: 12.61 ug/l m
RT: 11.79 min Scan# 1176
Delta R.T. 0.03 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

Tot Ion	Ratio	Lower	Upper
105	100		
120	21.2	10.8	32.3

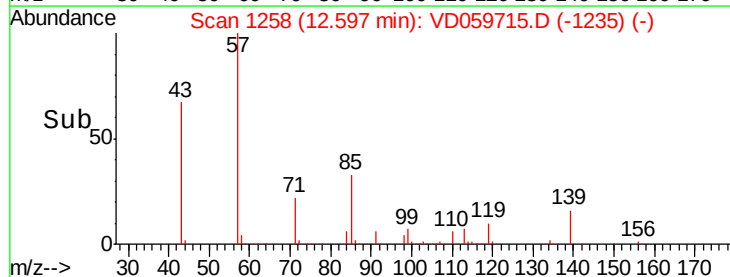
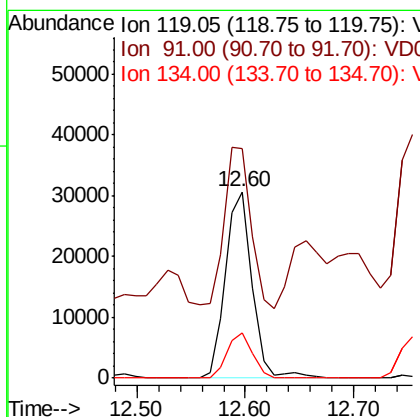
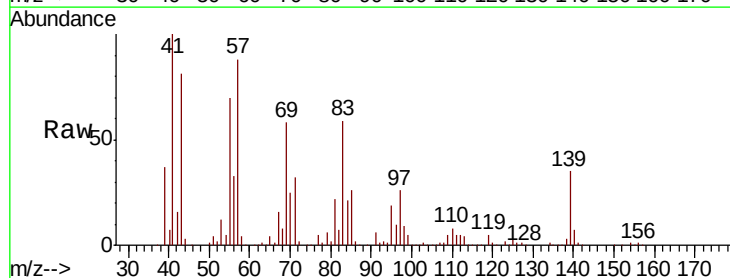
Manual Integrations
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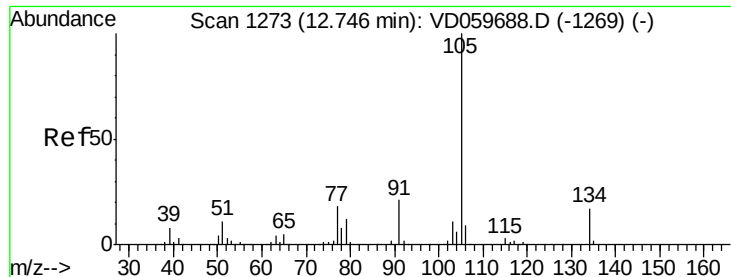
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#83
tert-Butylbenzene
Concen: 17.30 ug/l
RT: 12.60 min Scan# 1258
Delta R.T. 0.03 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
119	100		
91	123.3	43.3	129.9
134	24.0	10.5	31.6





#85
 sec-Butylbenzene
 Concen: 25.32 ug/l
 RT: 12.77 min Scan# 1276
 Delta R.T. 0.03 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Instrument :
 MSVOA_D
 ClientSampled :
 TP-8RE

Tot Ion	Ratio	Resp	Lower	Upper
105	100	85314		
134	18.8	8.3	24.9	

Manual Integrations
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