

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061248.D
 Acq On : 21 Mar 2019 16:49
 Operator : VA/AP
 Sample : K2004-03RE
 Misc : 4.72g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(7.5-8.5)RE

Manual Integrations
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 3/22/2019 11:21:34 AM

Quant Time: Mar 22 11:07:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	247336	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	488741	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	285182	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	59083	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	174577	84.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	169.60%	
35) Dibromofluoromethane	6.96	113	226544	62.46	ug/l	0.03
Spiked Amount 50.000			Recovery	=	124.92%	
50) Toluene-d8	10.43	98	434058	47.65	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	13.56	95	292701m	82.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	165.64%	
Target Compounds						
16) Acetone	3.24	43	111756	189.826	ug/l	98
20) Methylene Chloride	3.86	84	22961	4.290	ug/l	85
25) 2-Butanone	6.09	43	59856	89.599	ug/l	99
31) Cyclohexane	7.00	56	11579m	3.178	ug/l	
83) tert-Butylbenzene	14.20	119	37339	10.555	ug/l	79

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

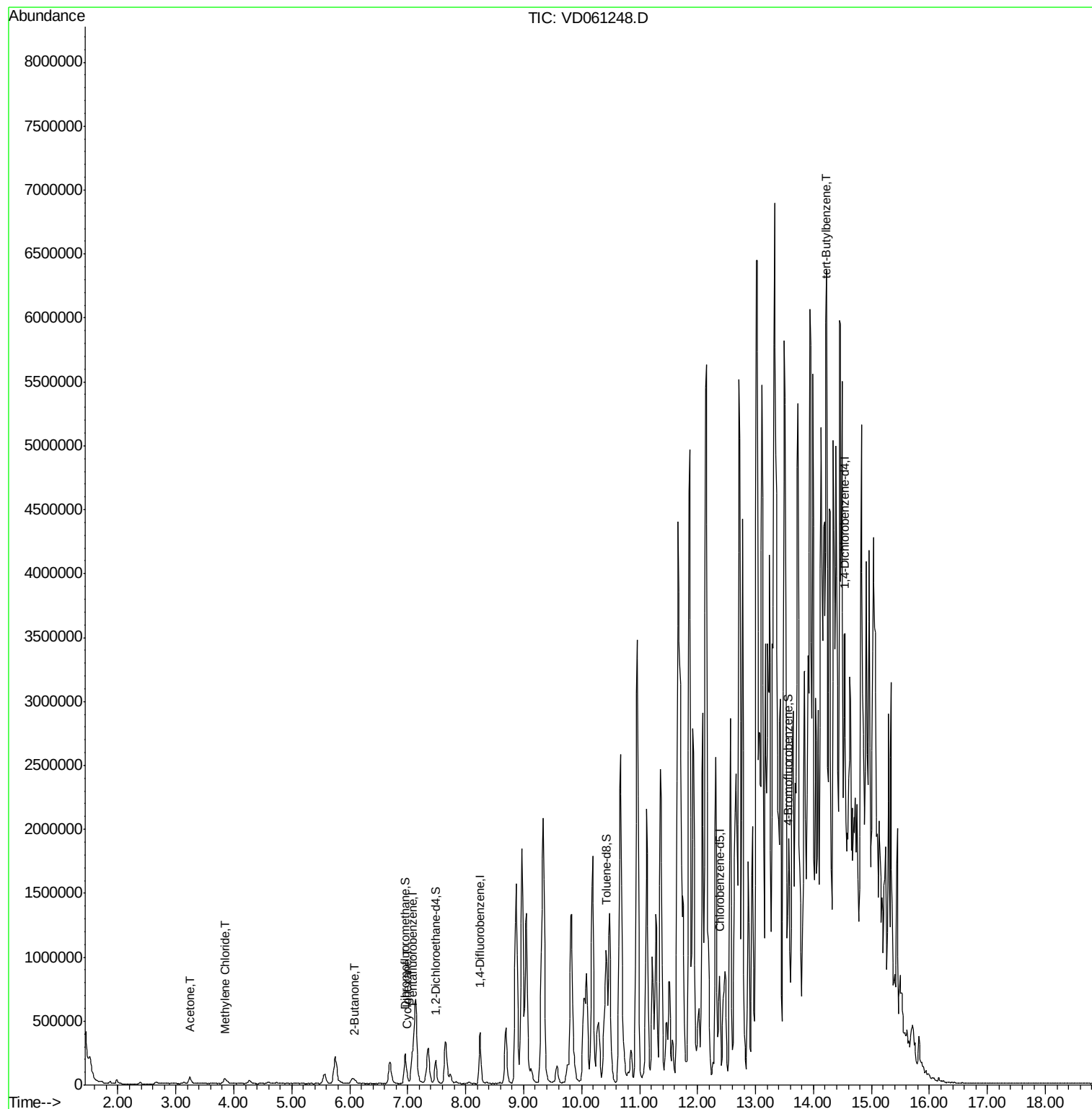
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032119\
Data File : VD061248.D
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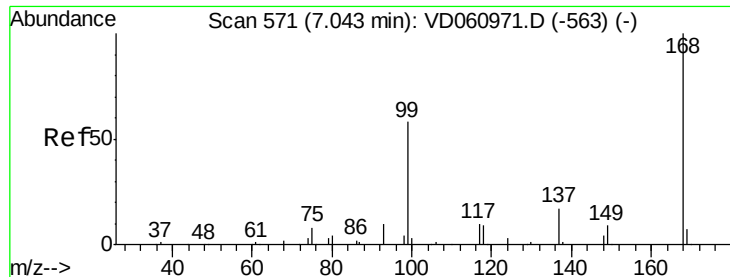
Instrument :
MSVOA_D
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SB-19(7.5-8.5)RE

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Quant Time: Mar 22 11:07:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061248.D

Acq: 21 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

SB-19(7.5-8.5)RE

Tot Ion:168 Resp: 247336

Ion Ratio Lower Upper

168 100

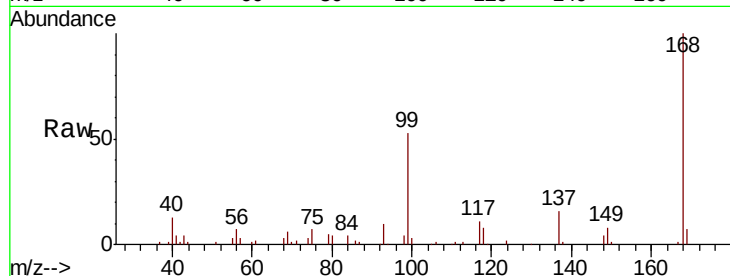
99 52.6 47.3 70.9

Manual Integrations

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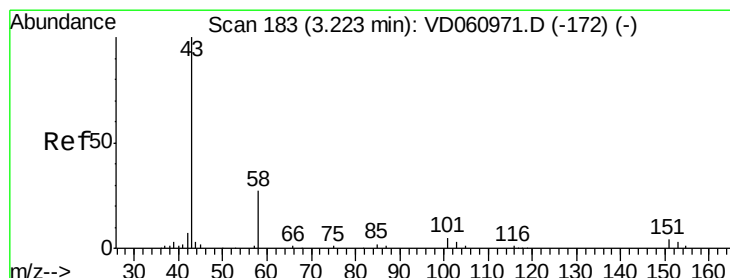
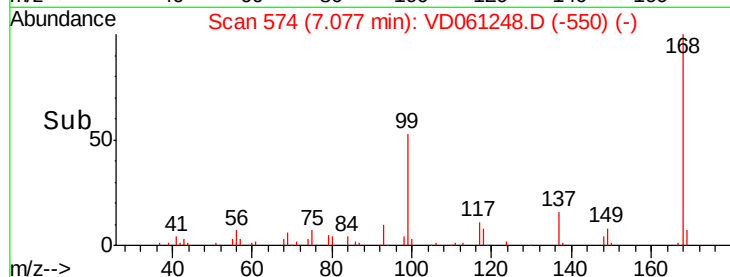
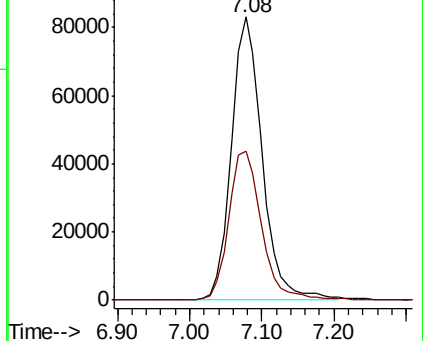
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 189.826 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061248.D

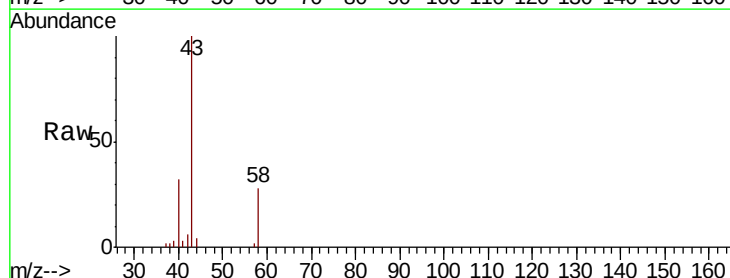
Acq: 21 Mar 2019 16:49

Tgt Ion: 43 Resp: 111756

Ion Ratio Lower Upper

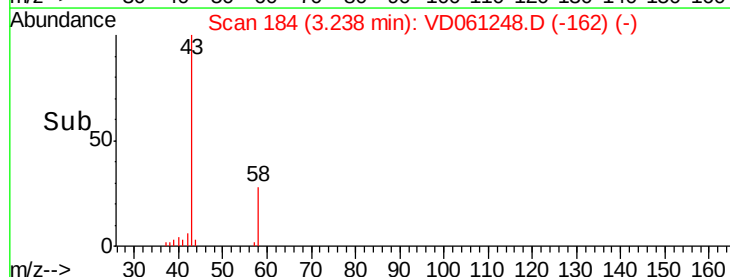
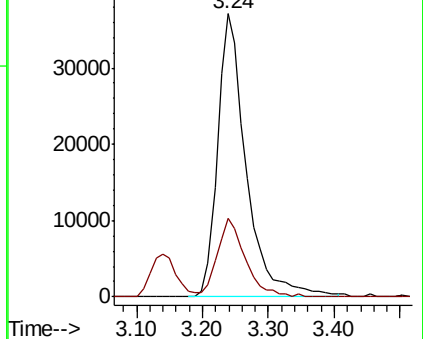
43 100

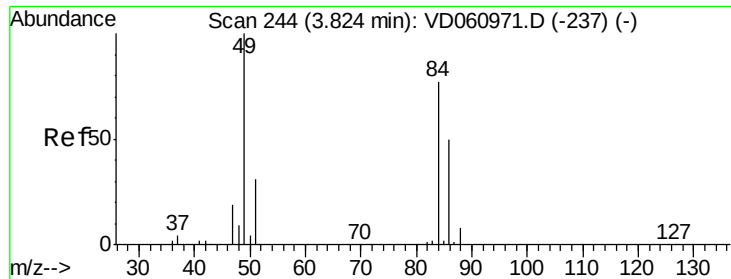
58 27.9 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





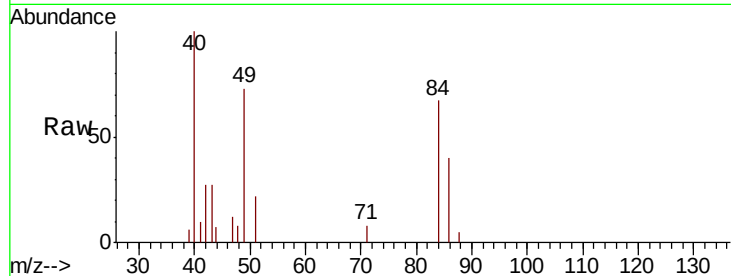
#20
Methylene Chloride
Concen: 4.290 ug/l
RT: 3.86 min Scan# 247
Delta R.T. 0.04 min
Lab File: VD061248.D
Acq: 21 Mar 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	107.6	104.2	156.2
51	33.3	32.3	48.5
86	59.0	52.3	78.5

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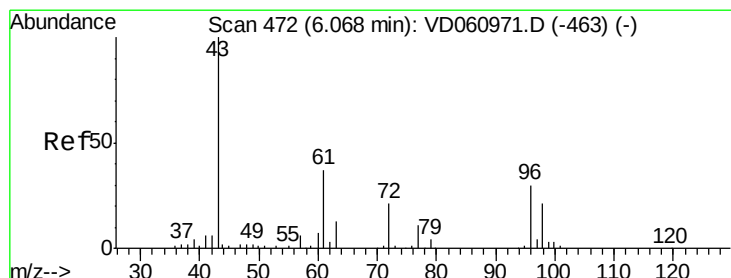
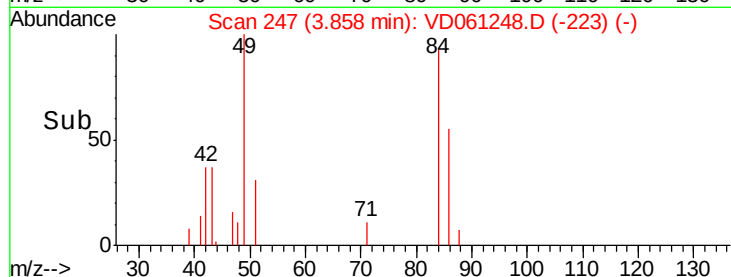
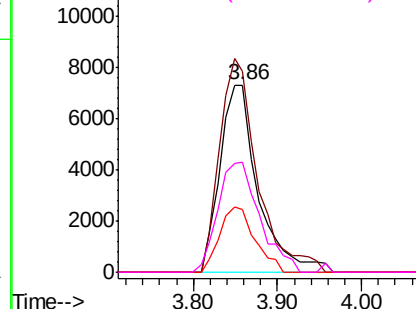
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

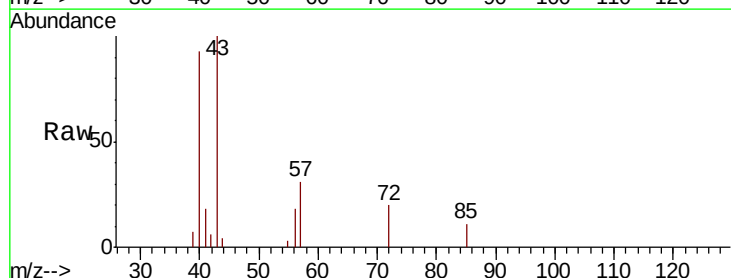
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25
2-Butanone
Concen: 89.599 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.02 min
Lab File: VD061248.D
Acq: 21 Mar 2019 16:49

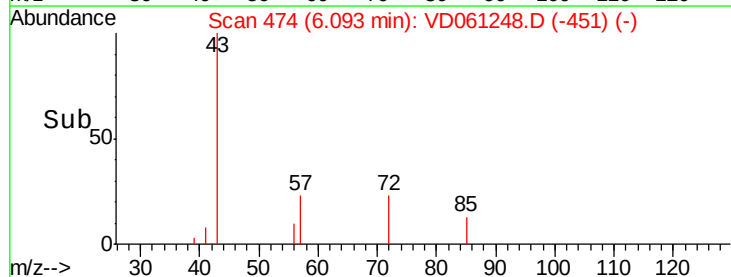
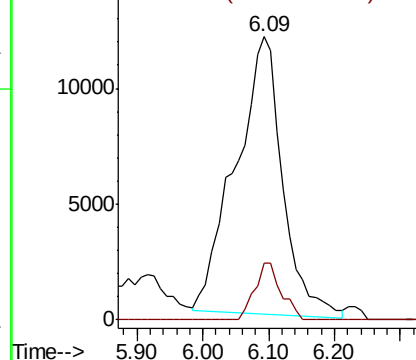
Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.7	25.1

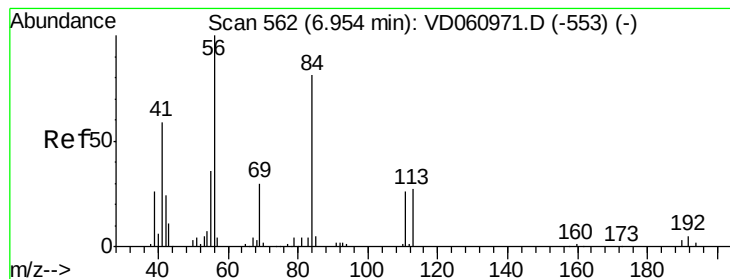


Abundance

Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 3.178 ug/l m

RT: 7.00 min Scan# 566

Delta R.T. 0.04 min

Lab File: VD061248.D

Acq: 21 Mar 2019 16:49

Instrument :

MSVOA_D

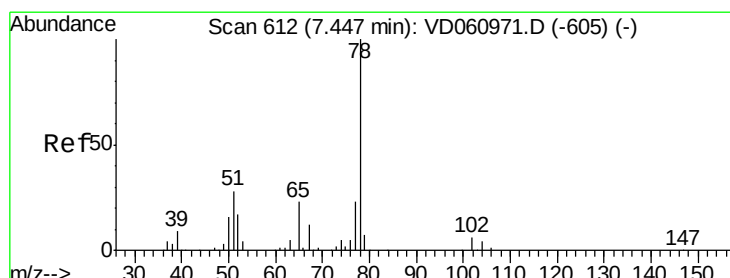
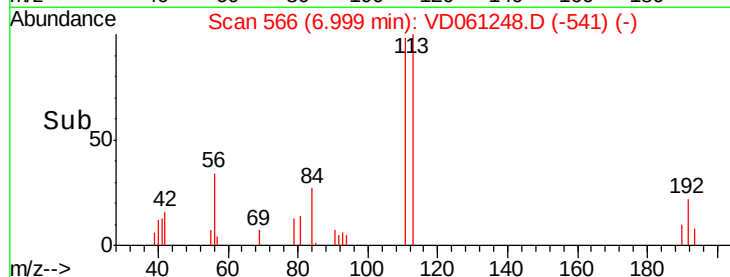
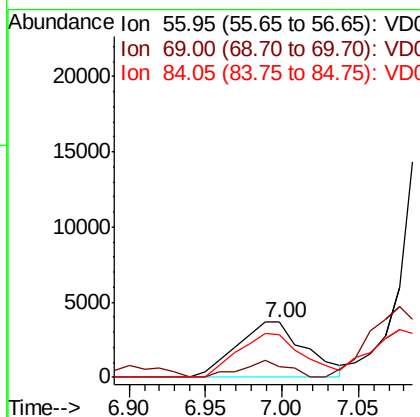
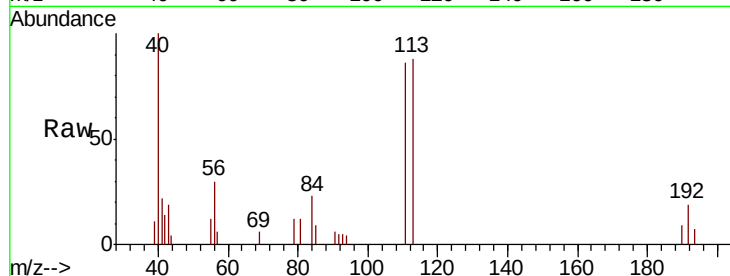
ClientSampleId :

SB-19(7.5-8.5)RE

Tot Ion:	56	Resp:	11579
Ion Ratio	Lower	Upper	
56	100		
69	19.9	24.0	36.0#
84	78.4	65.8	98.6

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#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

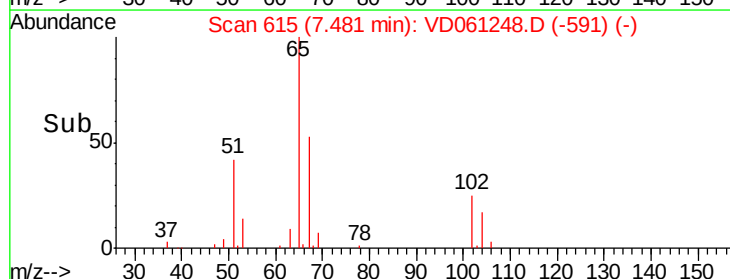
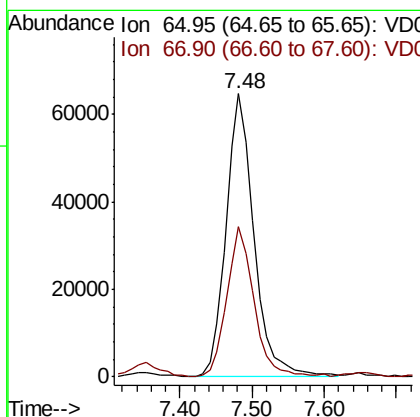
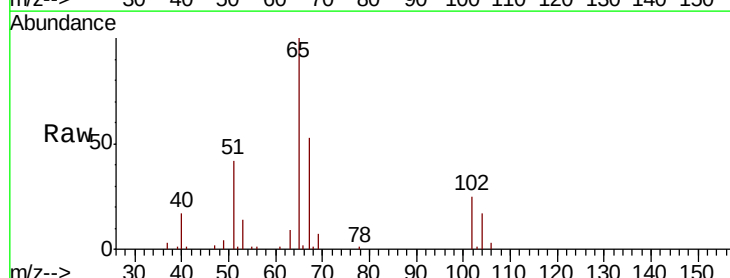
RT: 7.48 min Scan# 615

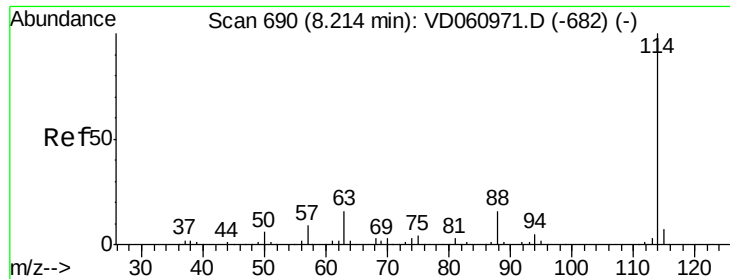
Delta R.T. 0.03 min

Lab File: VD061248.D

Acq: 21 Mar 2019 16:49

Tgt Ion:	65	Resp:	174577
Ion Ratio	Lower	Upper	
65	100		
67	53.2	0.0	105.2





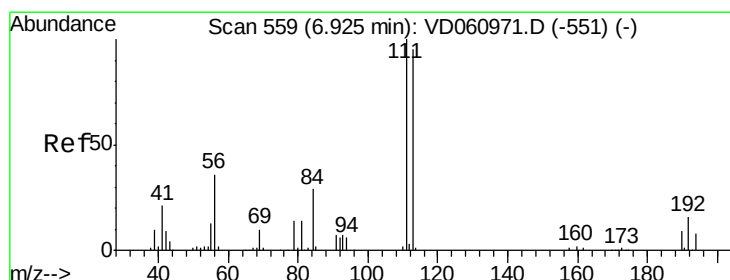
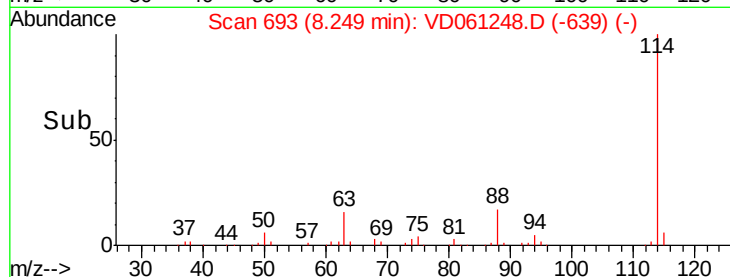
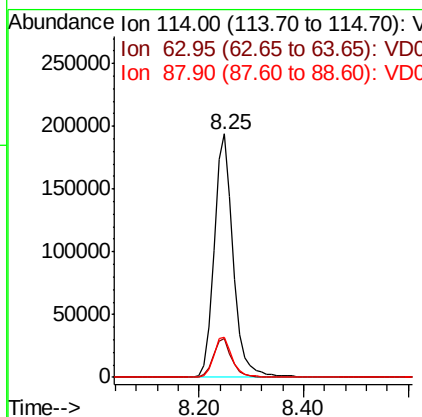
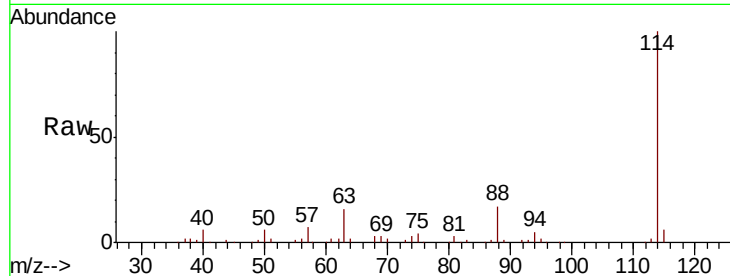
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061248.D
 Acq: 21 Mar 2019 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(7.5-8.5)RE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	488741		
63	15.8		0.0	31.4
88	16.7		0.0	33.0

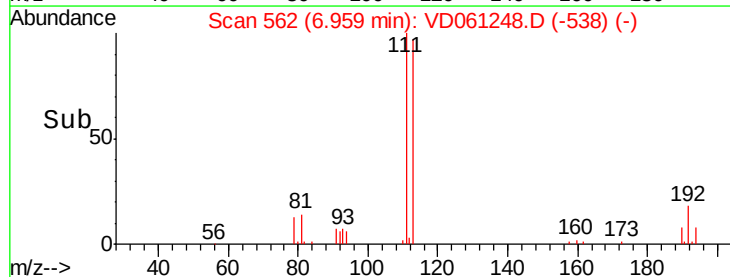
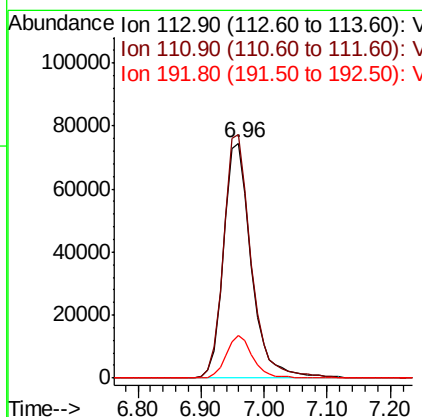
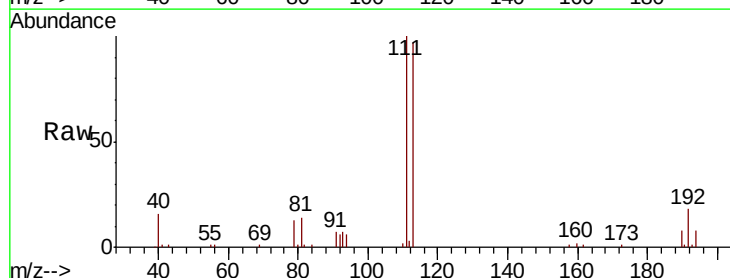
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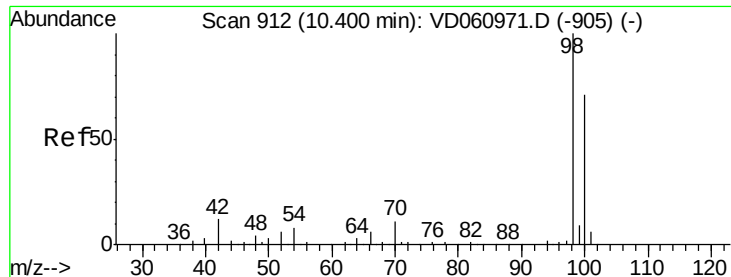
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061248.D
 Acq: 21 Mar 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	226544		
111	103.6		84.2	126.4
192	18.3		13.1	19.7





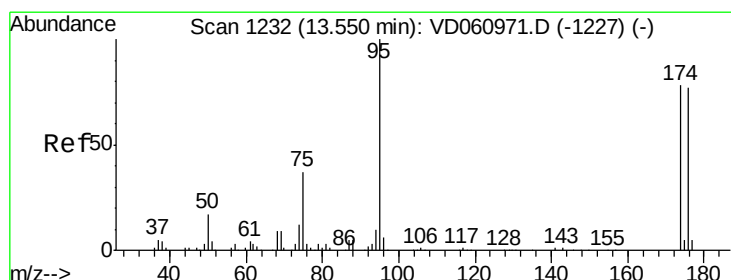
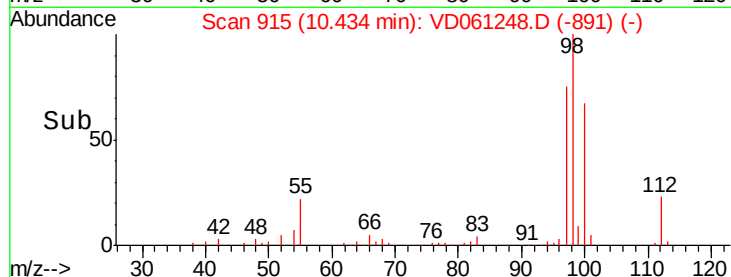
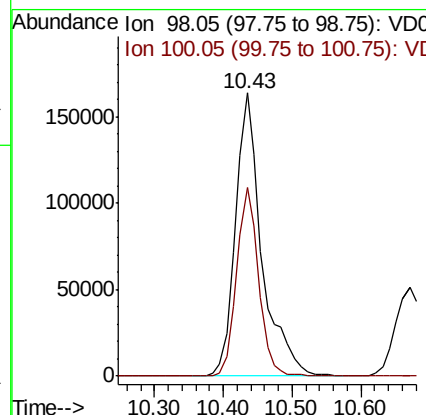
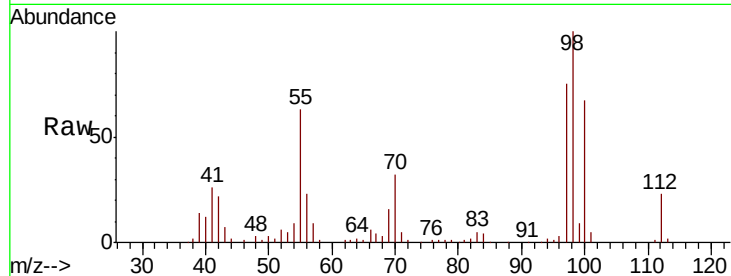
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061248.D
Acq: 21 Mar 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)RE

Tot Ion: 98 Resp: 434058
Ion Ratio Lower Upper
98 100
100 66.5 57.4 86.2

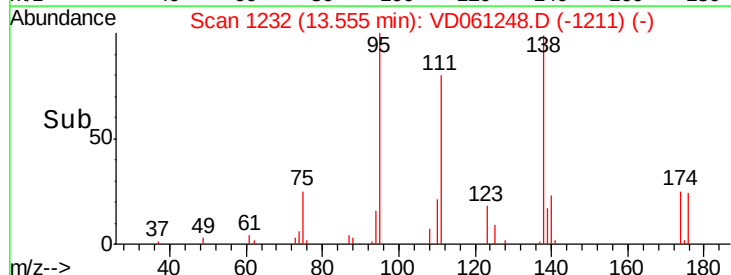
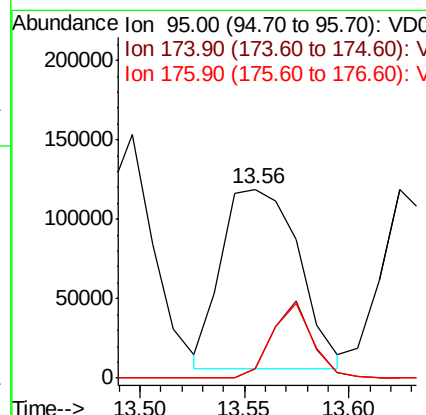
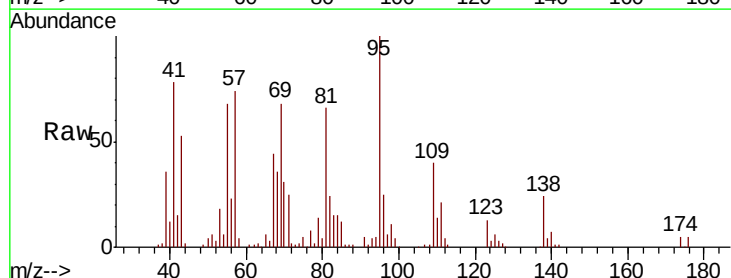
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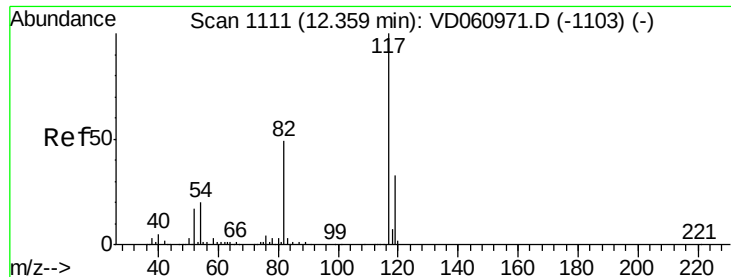
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#62
4-Bromofluorobenzene
Concen: Below ug/l m
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061248.D
Acq: 21 Mar 2019 16:49

Tgt Ion: 95 Resp: 292701
Ion Ratio Lower Upper
95 100
174 5.0 0.0 155.6
176 4.8 0.0 153.8





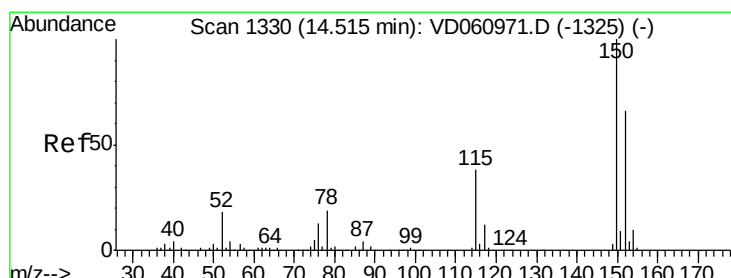
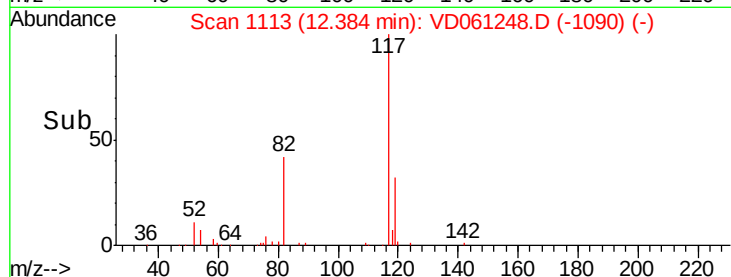
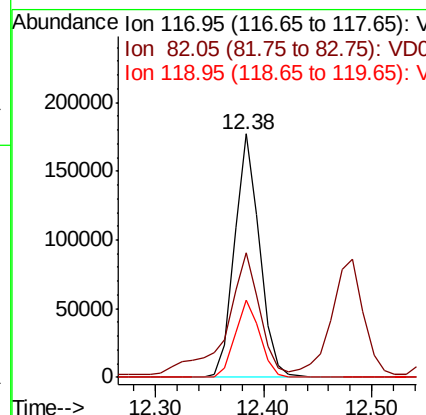
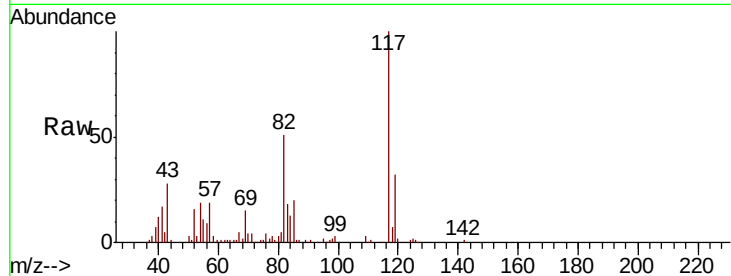
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061248.D
Acq: 21 Mar 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
SB-19(7.5-8.5)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	38.9	58.3
119	31.6	26.6	39.8

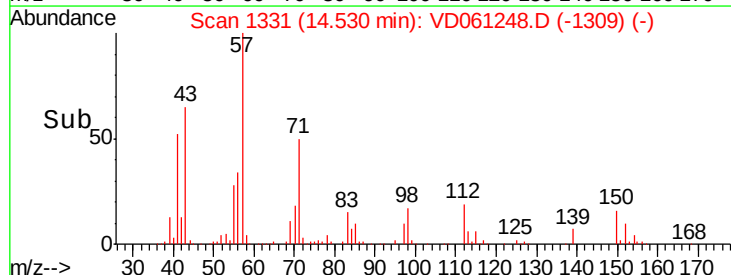
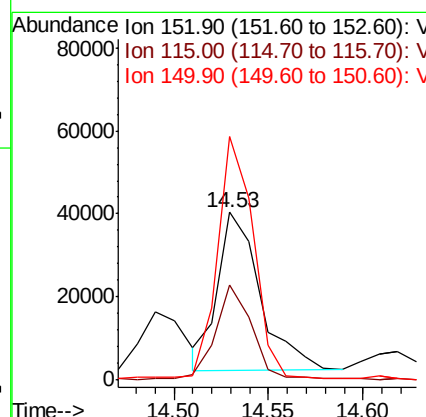
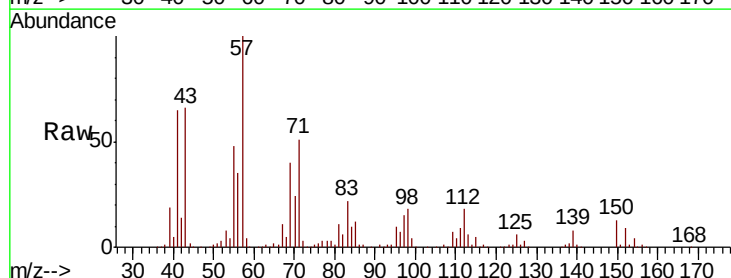
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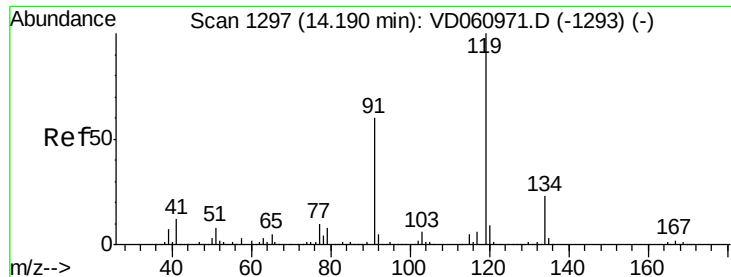
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061248.D
Acq: 21 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.6	85.9
150	145.0	0.0	310.6





#83
 tert-Butylbenzene
 Concen: 10.555 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VD061248.D
 Acq: 21 Mar 2019 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(7.5-8.5)RE

Tot Ion	Ratio	Resp	Lower	Upper
119	100	37339		
91	81.9		30.1	90.3
134	24.5		11.6	34.7

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