

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061267.D
 Acq On : 22 Mar 2019 18:09
 Operator : VA/AP
 Sample : K2004-07RE
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)RE

Manual Integrations
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 3/25/2019 8:28:44 AM

Quant Time: Mar 23 00:42:54 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	7.11	168	303542	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.28	114	489939	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	241245	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.55	152	79630	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	156060	61.77	ug/l	0.06
Spiked Amount 50.000			Recovery	=	123.54%	
35) Dibromofluoromethane	6.98	113	258784	71.17	ug/l	0.05
Spiked Amount 50.000			Recovery	=	142.34%	
50) Toluene-d8	10.45	98	421139	46.12	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	13.57	95	246034m	69.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	138.88%	
Target Compounds						
16) Acetone	3.26	43	79585	110.150	ug/l	95
20) Methylene Chloride	3.88	84	33642	6.119	ug/l	91
25) 2-Butanone	6.12	43	38713	47.219	ug/l	92
39) Methylcyclohexane	8.90	83	182636	41.706	ug/l #	40
83) tert-Butylbenzene	14.21	119	28358	5.948	ug/l	76

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

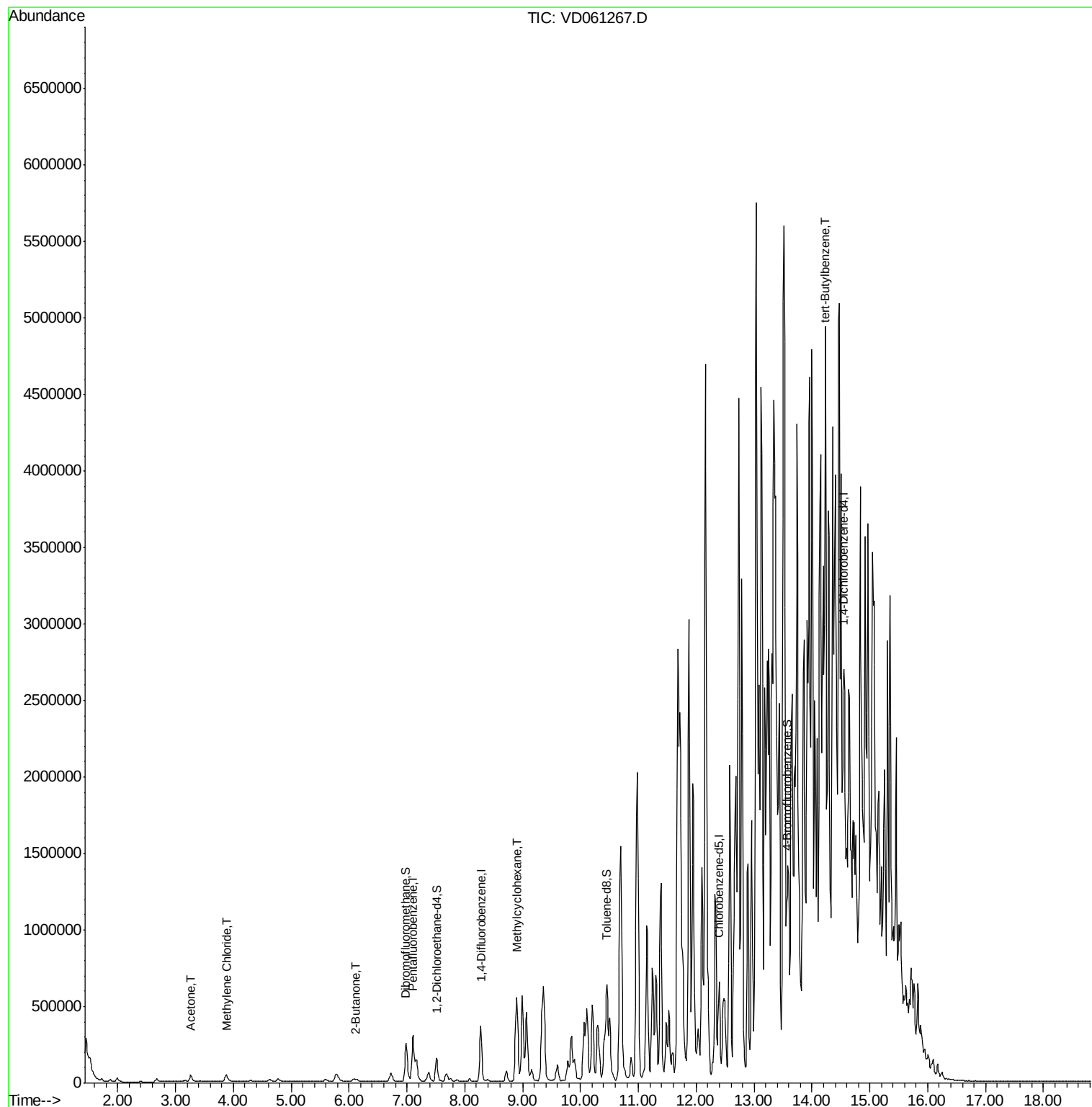
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032219\
Data File : VD061267.D
Acq On : 22 Mar 2019 18:09
Operator : VA/AP
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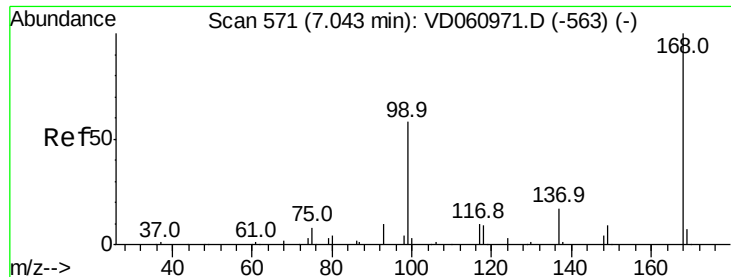
Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
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Response via : Initial Calibration





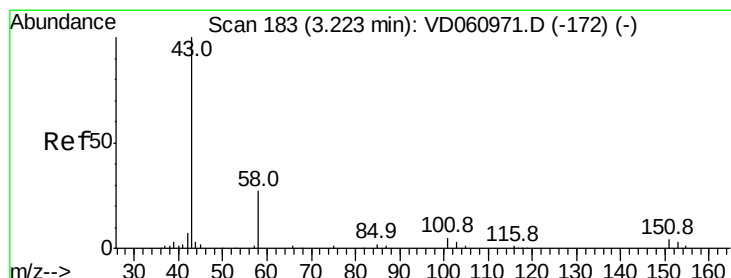
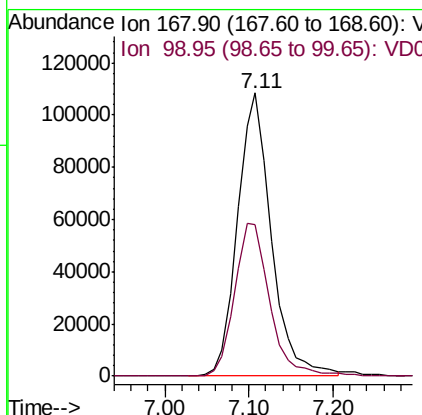
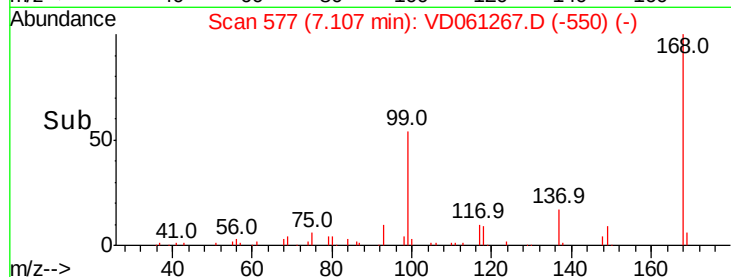
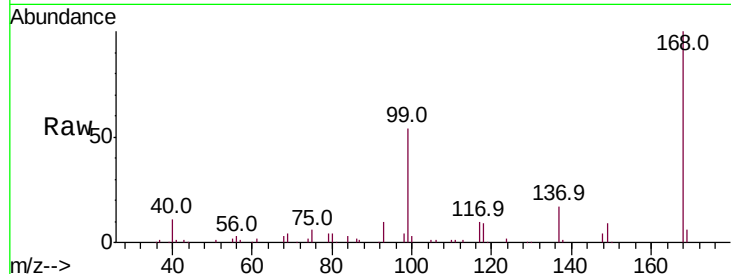
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.11 min Scan# 577
Delta R.T. 0.06 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

Tot Ion:168 Resp: 303542
Ion Ratio Lower Upper
168 100
99 53.7 47.3 70.9

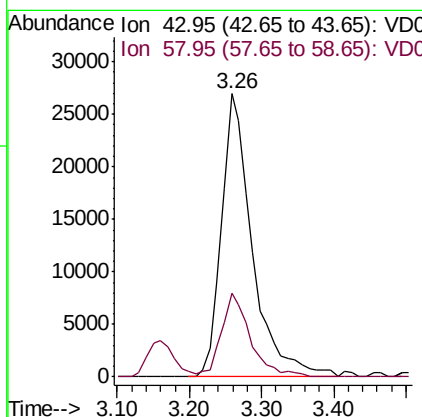
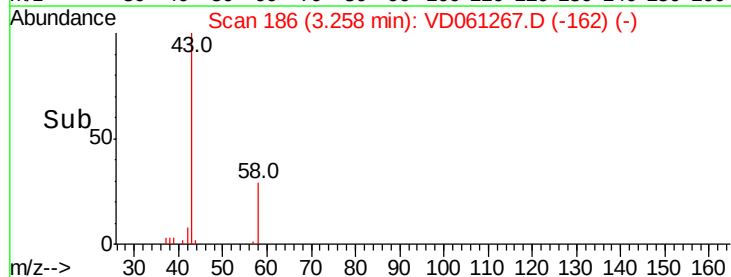
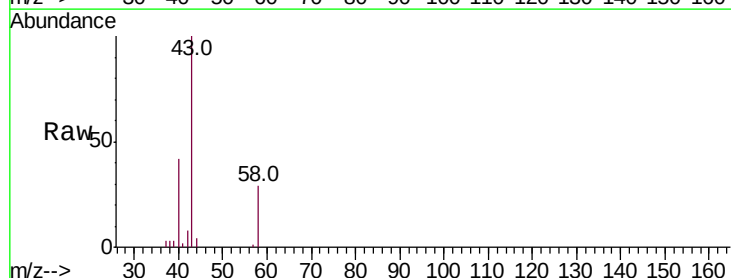
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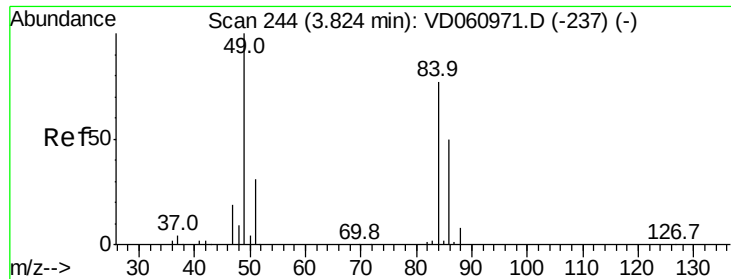
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#16
Acetone
Concen: 110.150 ug/l
RT: 3.26 min Scan# 186
Delta R.T. 0.03 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 43 Resp: 79585
Ion Ratio Lower Upper
43 100
58 29.4 21.6 32.4





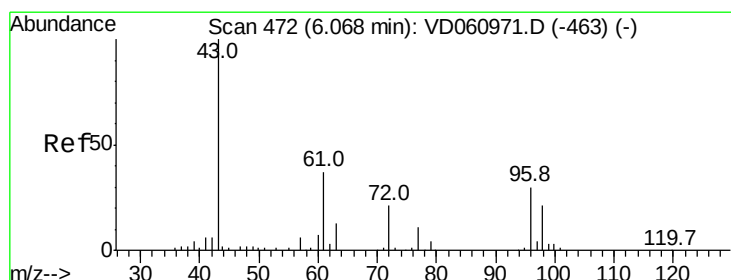
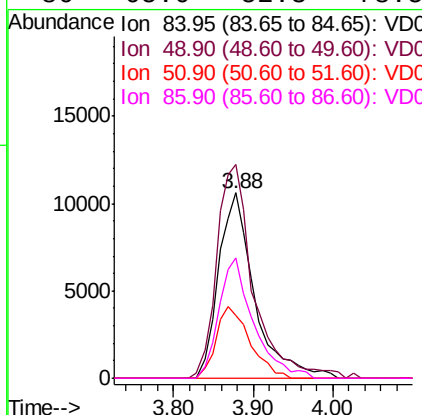
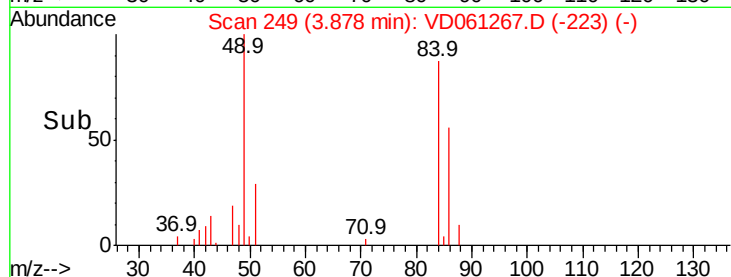
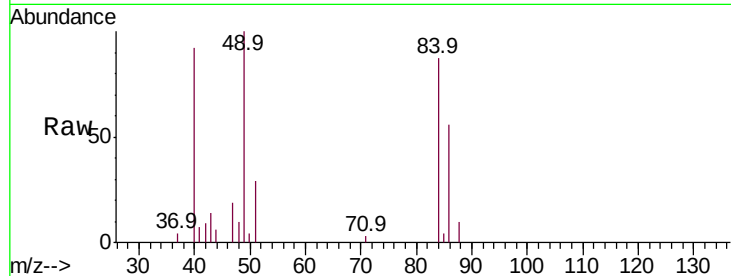
#20
Methylene Chloride
Concen: 6.119 ug/l
RT: 3.88 min Scan# 249
Delta R.T. 0.06 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	115.3	104.2	156.2
51	33.7	32.3	48.5
86	65.0	52.3	78.5

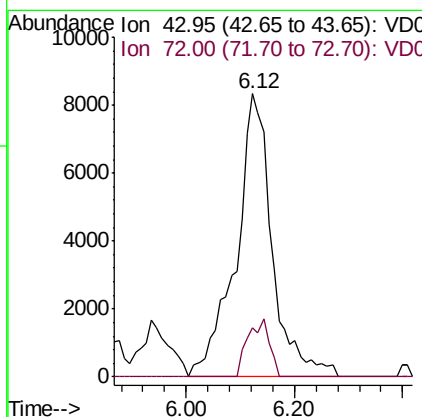
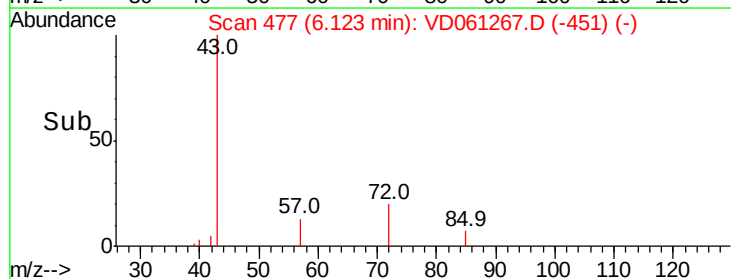
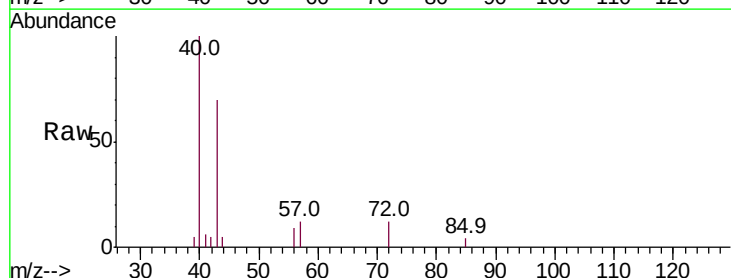
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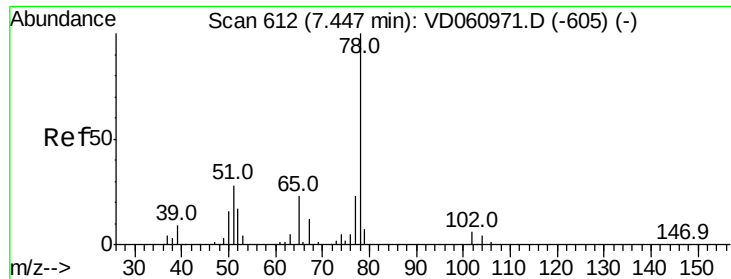
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#25
2-Butanone
Concen: 47.219 ug/l
RT: 6.12 min Scan# 477
Delta R.T. 0.05 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion	Ratio	Lower	Upper
43	100		
72	17.2	16.7	25.1





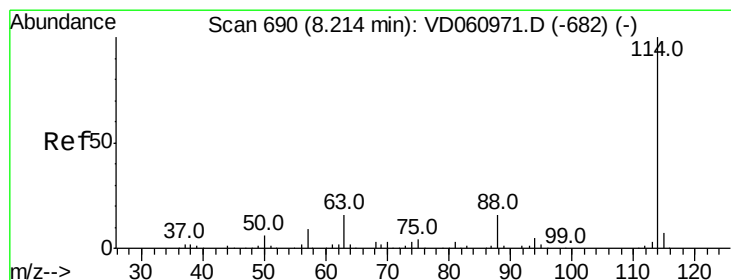
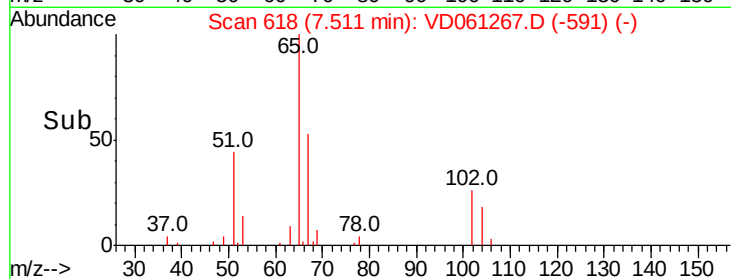
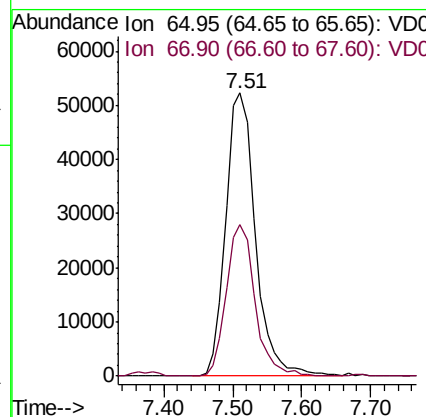
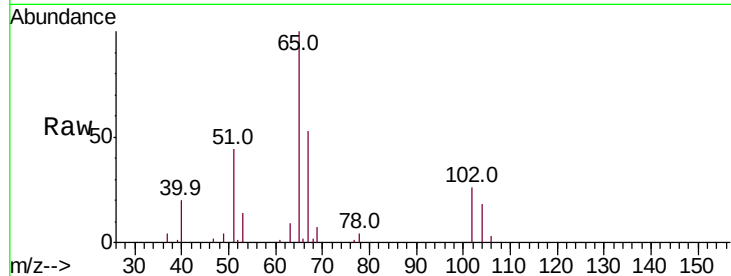
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.51 min Scan# 618
 Delta R.T. 0.06 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)RE

Tot Ion: 65 Resp: 156060
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2

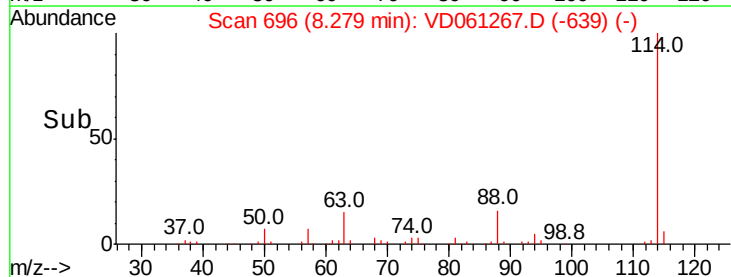
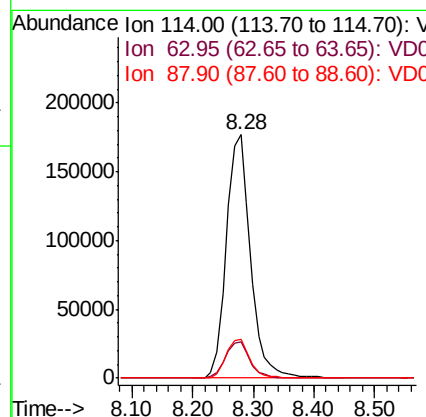
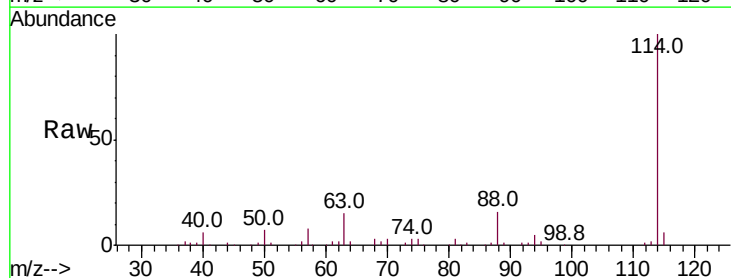
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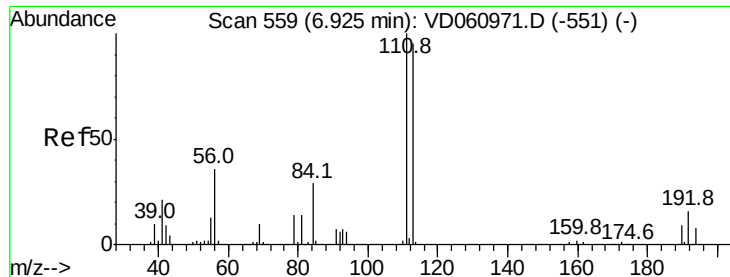
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.28 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

Tgt Ion: 114 Resp: 489939
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 31.4
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.98 min Scan# 564

Delta R.T. 0.05 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

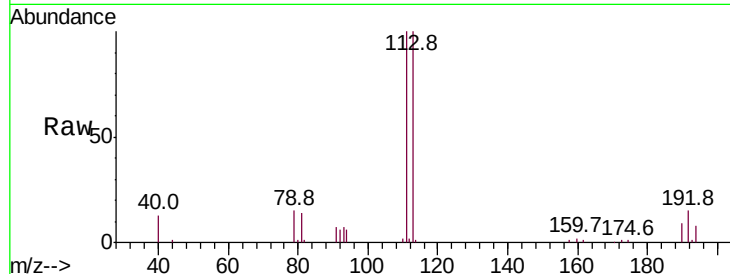
ClientSampleId :

SB-19B(7-8)RE

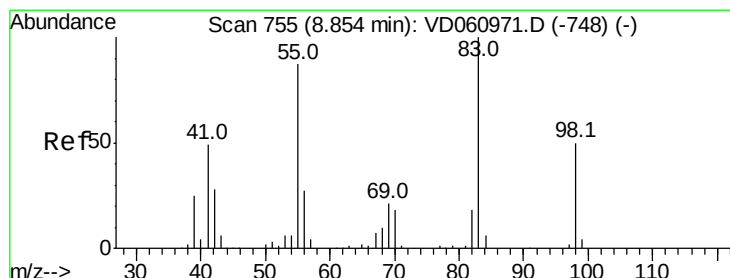
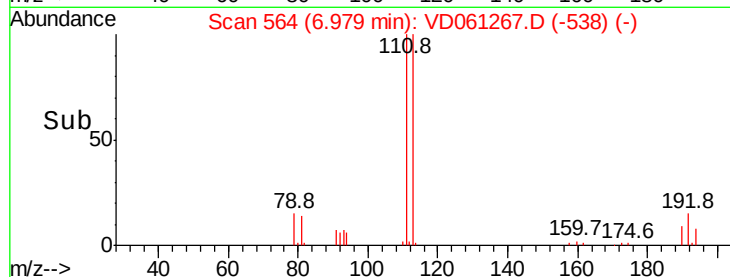
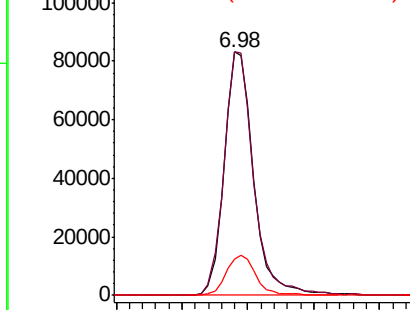
Tot Ion:	113	Resp:	258784
Ion Ratio	Lower	Upper	
113	100		
111	100.0	84.2	126.4
192	14.9	13.1	19.7

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Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#39

Methylcyclohexane

Concen: 41.706 ug/l

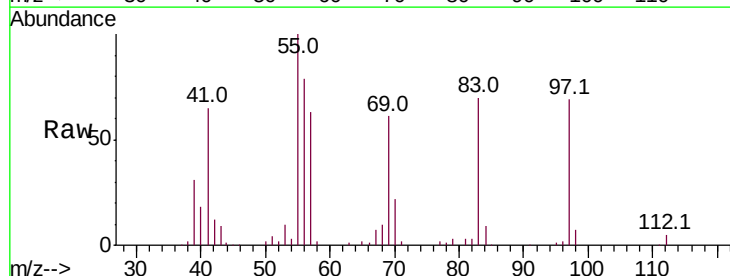
RT: 8.90 min Scan# 759

Delta R.T. 0.04 min

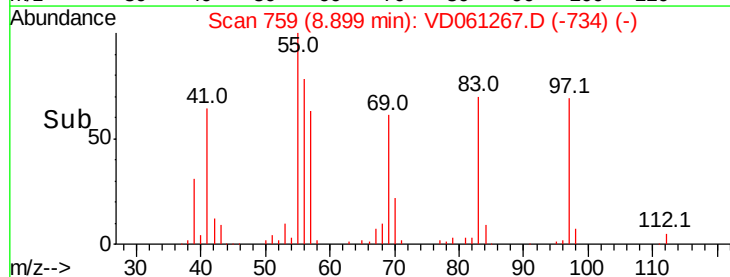
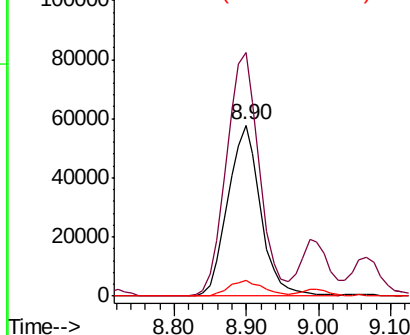
Lab File: VD061267.D

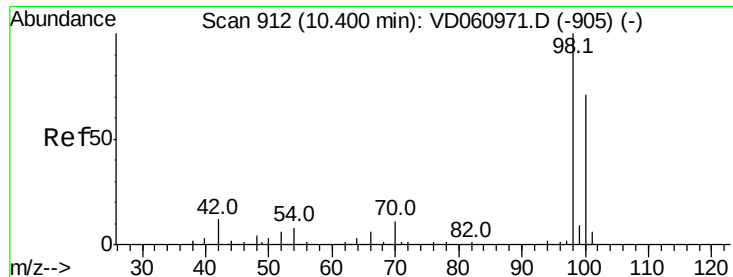
Acq: 22 Mar 2019 18:09

Tgt Ion:	83	Resp:	182636
Ion Ratio	Lower	Upper	
83	100		
55	142.4	69.6	104.4#
98	9.5	40.0	60.0#



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC





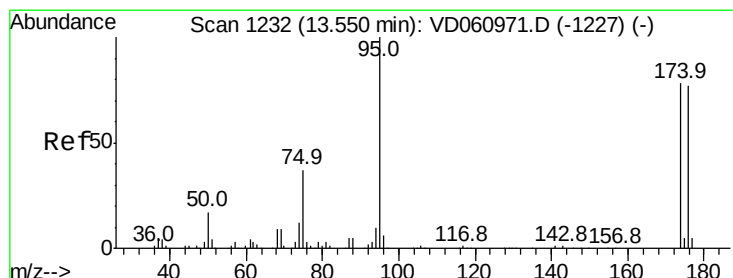
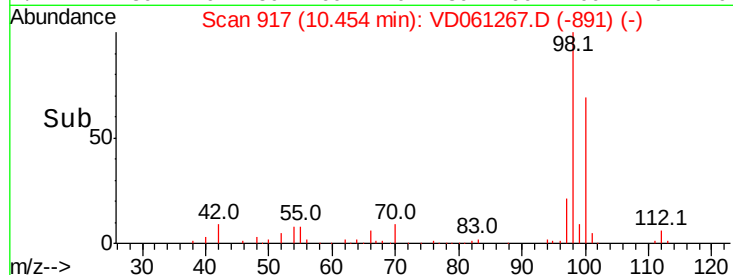
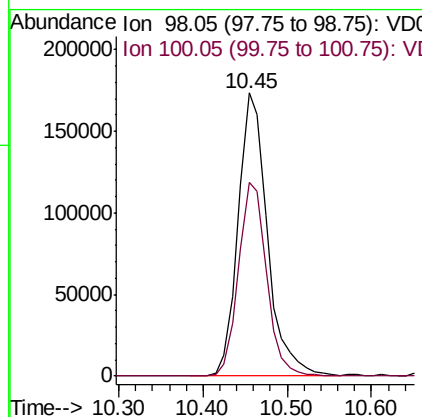
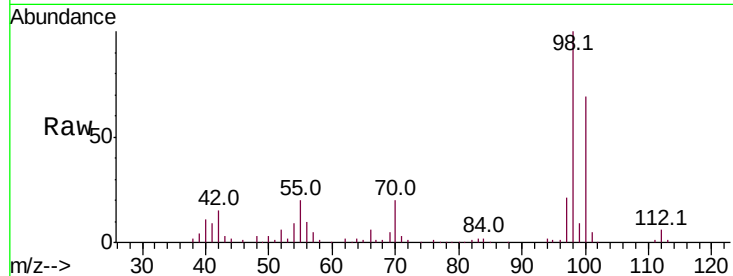
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.45 min Scan# 917
Delta R.T. 0.05 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-19B(7-8)RE

Tot Ion: 98 Resp: 421139
Ion Ratio Lower Upper
98 100
100 68.5 57.4 86.2

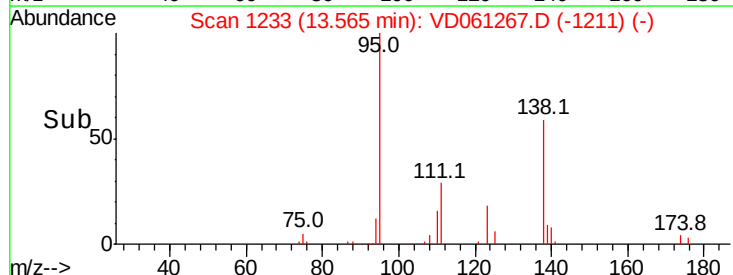
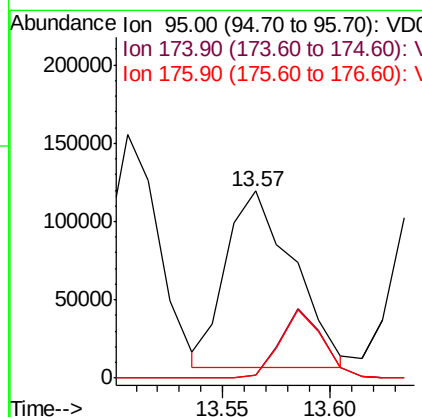
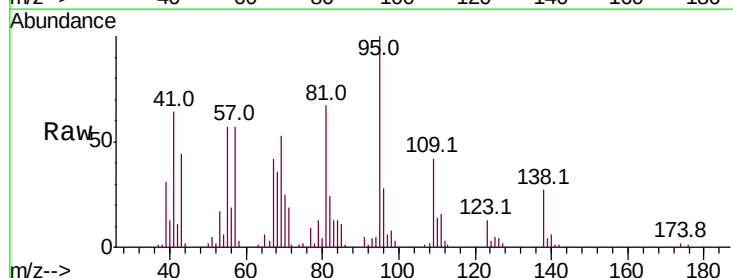
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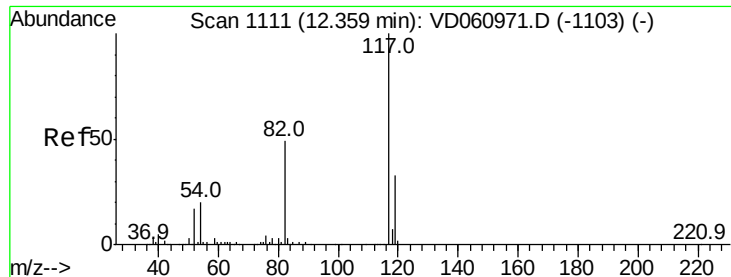
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#62
4-Bromofluorobenzene
Concen: N.D. ug/l m
RT: 13.57 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061267.D
Acq: 22 Mar 2019 18:09

Tgt Ion: 95 Resp: 246034
Ion Ratio Lower Upper
95 100
174 1.8 0.0 155.6
176 1.3 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. 0.04 min

Lab File: VD061267.D

Acq: 22 Mar 2019 18:09

Instrument :

MSVOA_D

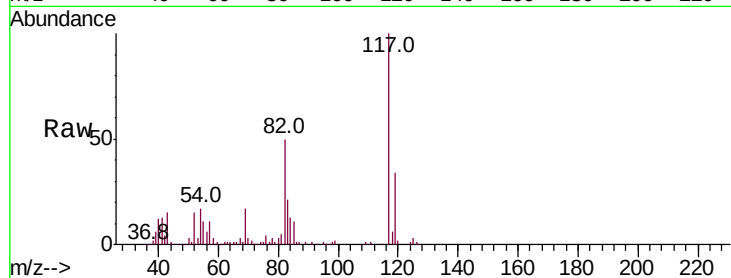
ClientSampleId :

SB-19B(7-8)RE

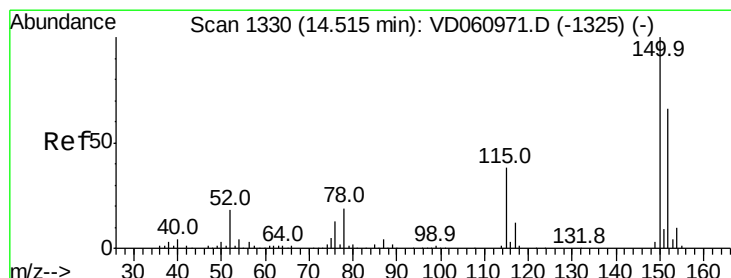
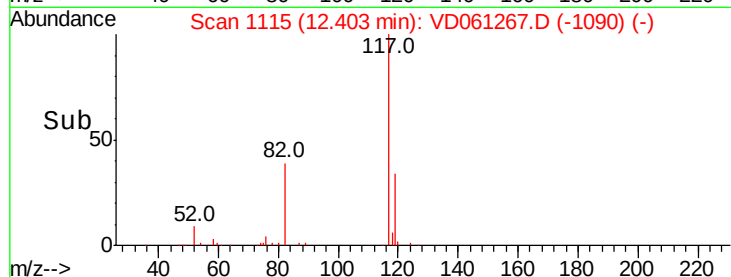
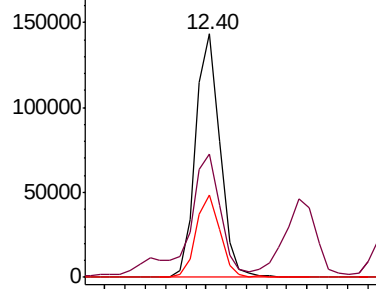
Tot Ion:	117	Resp:	241245
Ion Ratio	Lower	Upper	
117	100		
82	50.5	38.9	58.3
119	34.0	26.6	39.8

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Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

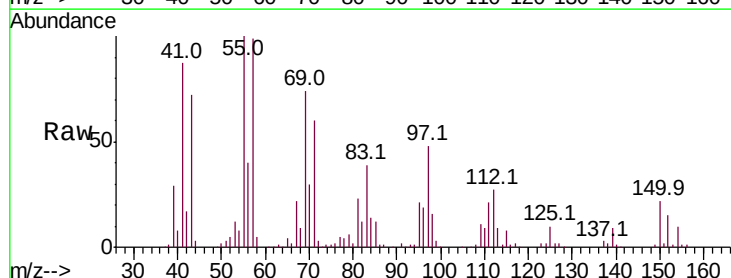
RT: 14.55 min Scan# 1333

Delta R.T. 0.03 min

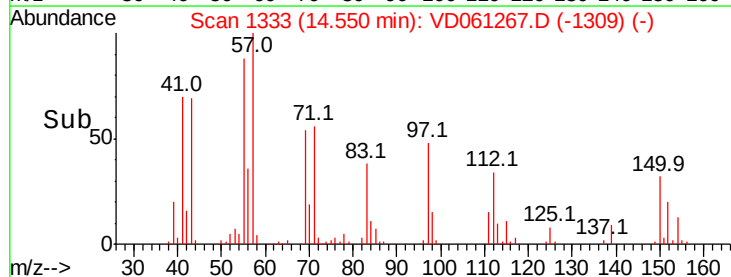
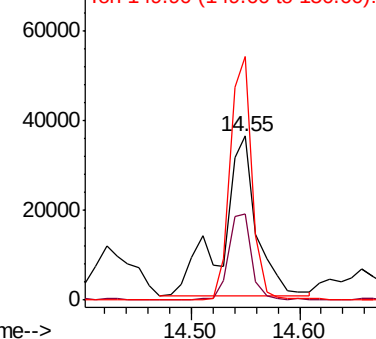
Lab File: VD061267.D

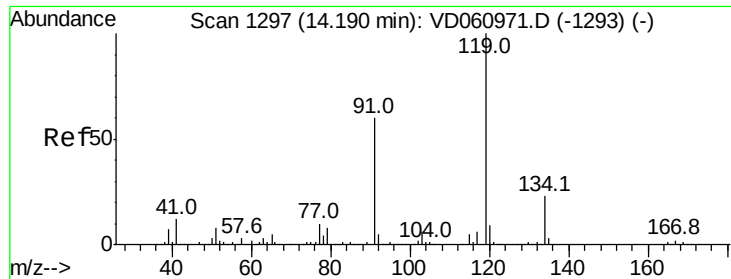
Acq: 22 Mar 2019 18:09

Tgt Ion:	152	Resp:	79630
Ion Ratio	Lower	Upper	
152	100		
115	52.6	28.6	85.9
150	148.3	0.0	310.6



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





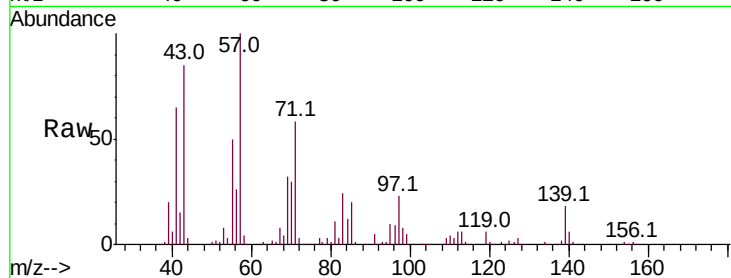
#83
 tert-Butylbenzene
 Concen: 5.948 ug/l
 RT: 14.21 min Scan# 1299
 Delta R.T. 0.02 min
 Lab File: VD061267.D
 Acq: 22 Mar 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(7-8)RE

Tot Ion:	119	Resp:	28358
Ion Ratio	Lower	Upper	
119	100		
91	84.7	30.1	90.3
134	23.4	11.6	34.7

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Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): VDC
 Ion 134.00 (133.70 to 134.70): V

