

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062236.D
 Acq On : 11 May 2019 14:41
 Operator : FY/SY
 Sample : K2717-20RE
 Misc : 6.77g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-0206-01

Quant Time: May 11 22:21:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

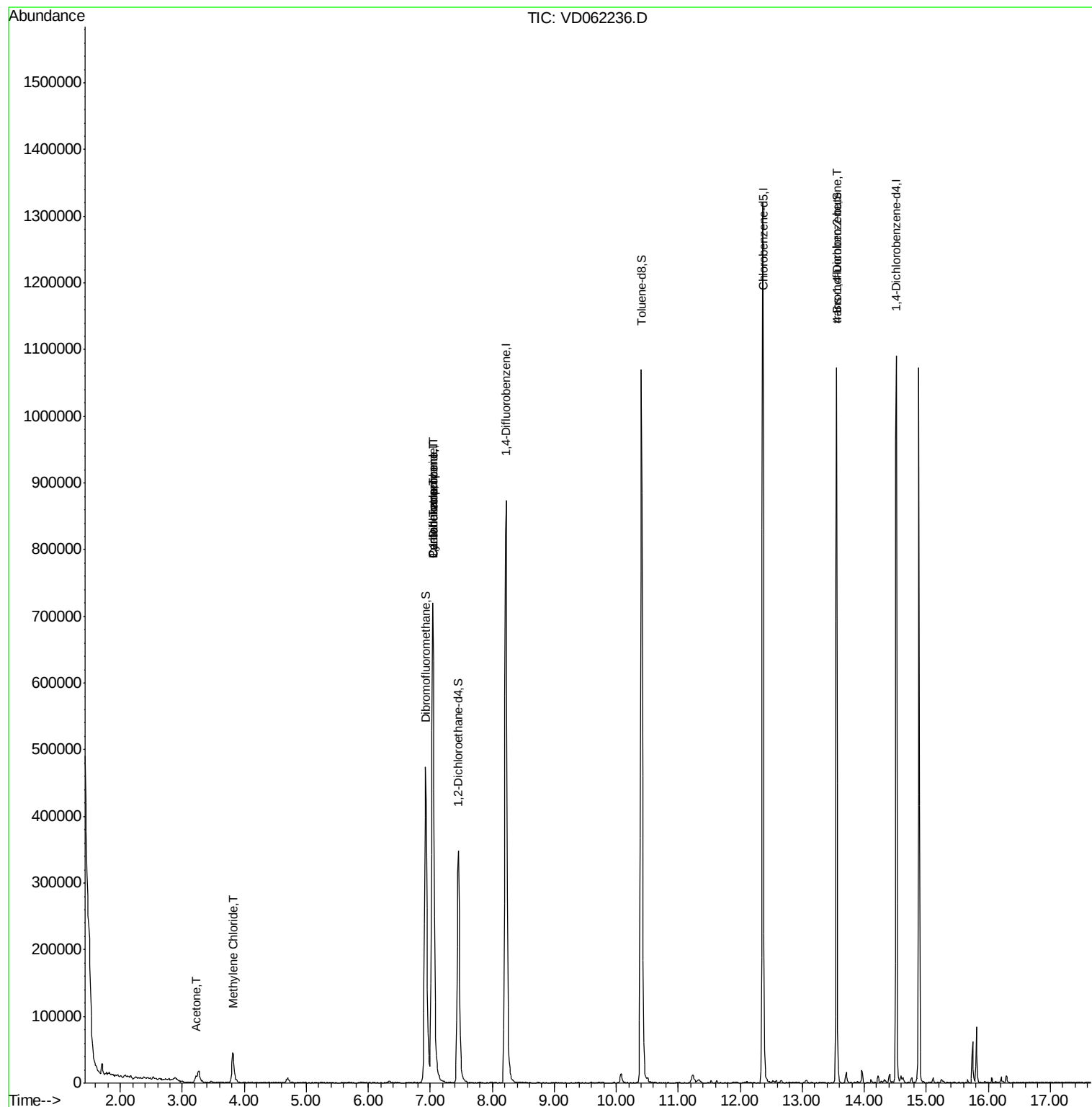
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	690661	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	984673	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	699752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	261863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	376514	58.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	6.92	113	418736	51.25	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.41	98	879546	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
62) 4-Bromofluorobenzene	13.56	95	296505	37.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.96%	
Target Compounds						
16) Acetone	3.22	43	18487	13.735	ug/l #	90
20) Methylene Chloride	3.82	84	30369	5.404	ug/l #	92
31) Cyclohexane	7.04	56	13459	1.999	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	52341	6.483	ug/l #	47
38) Carbon Tetrachloride	7.04	117	67322	6.025	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	126149	143.589	ug/l #	16

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

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062236.D

Acq: 11 May 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

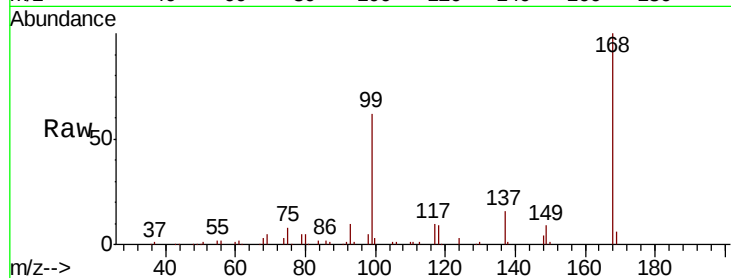
P026-SS004-0206-01

Tot Ion:168 Resp: 690661

Ion Ratio Lower Upper

168 100

99 61.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

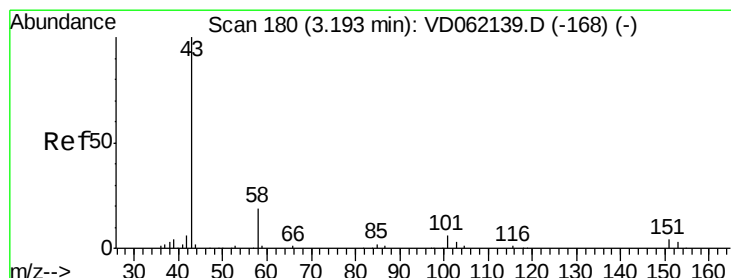
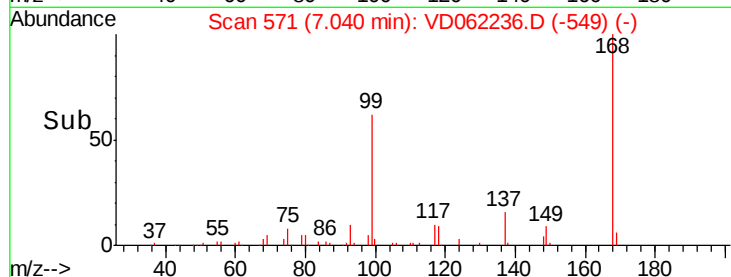
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 13.735 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062236.D

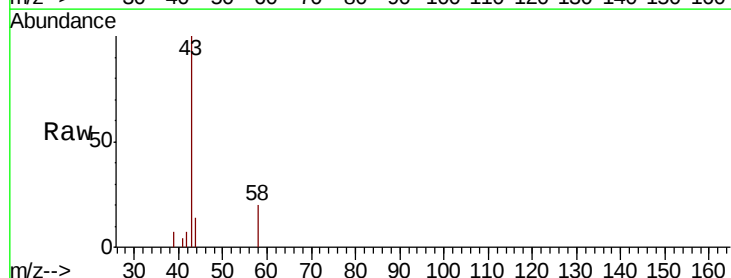
Acq: 11 May 2019 14:41

Tgt Ion: 43 Resp: 18487

Ion Ratio Lower Upper

43 100

58 19.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

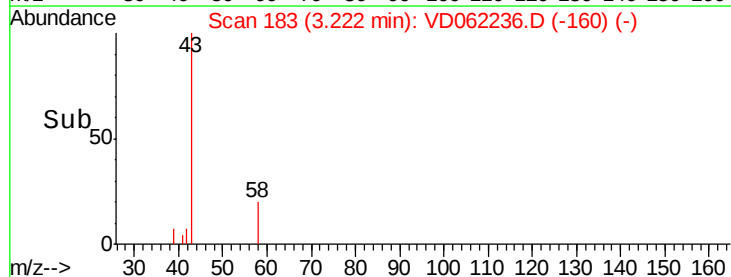
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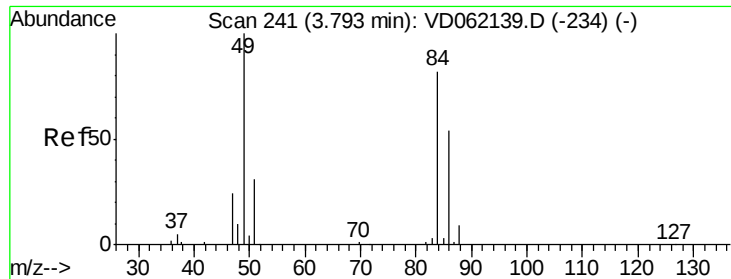
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0

3.15 3.20 3.25 3.30

Time-->

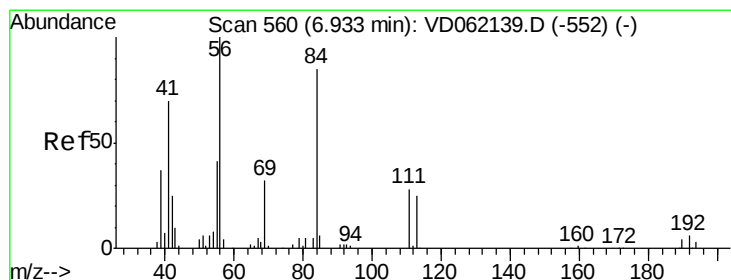
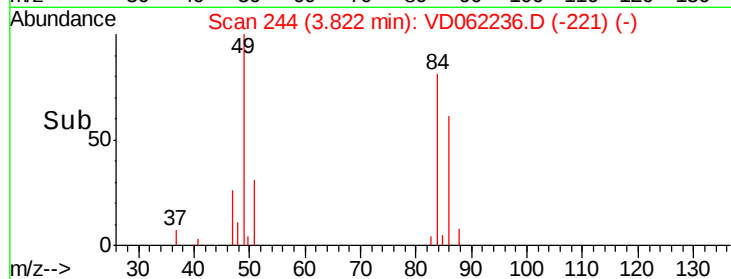
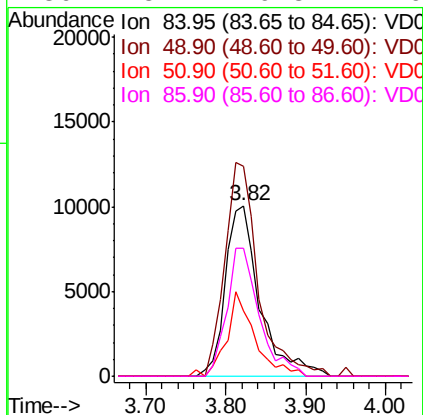
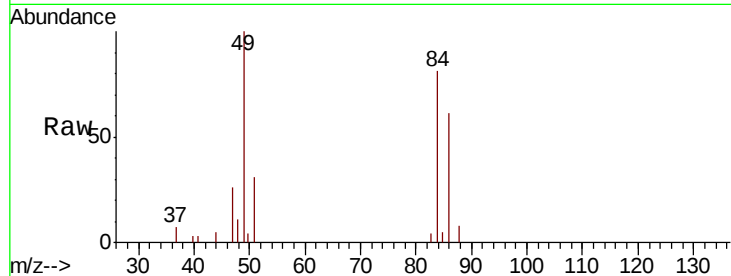




#20
Methvlene Chloride
Concen: 5.404 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

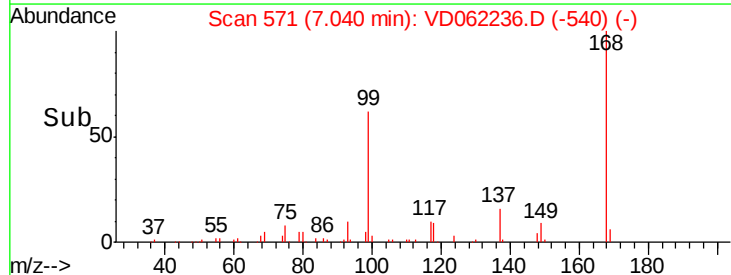
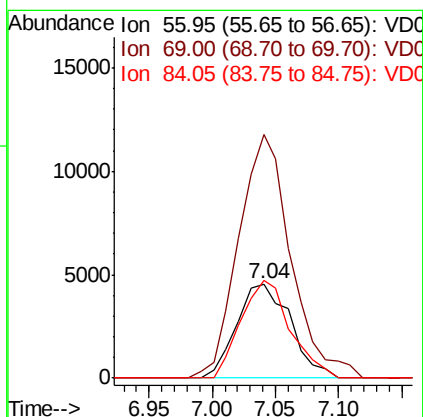
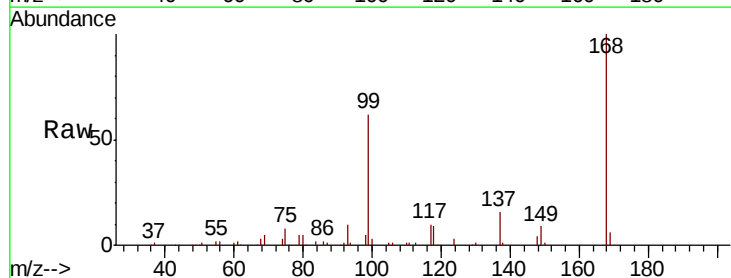
Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-0206-01

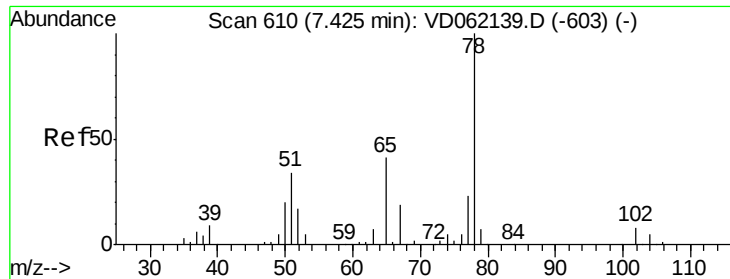
Tot Ion: 84 Resp: 30369
Ion Ratio Lower Upper
84 100
49 123.1 94.0 141.0
51 38.3 29.0 43.4
86 75.2 49.8 74.6#



#31
Cyclohexane
Concen: 1.999 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Tgt Ion: 56 Resp: 13459
Ion Ratio Lower Upper
56 100
69 258.4 25.8 38.6#
84 103.8 72.2 108.4

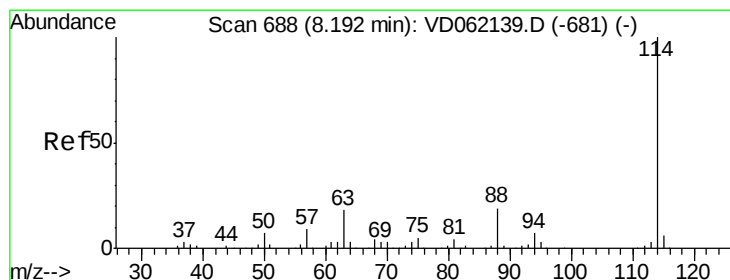
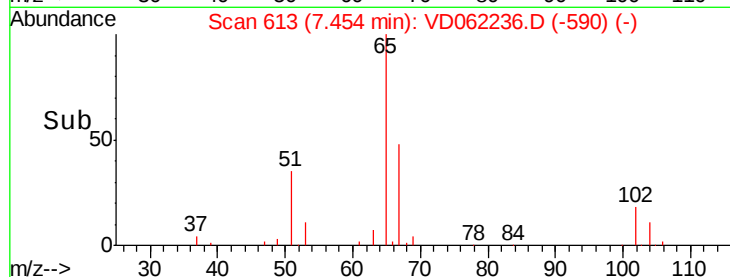
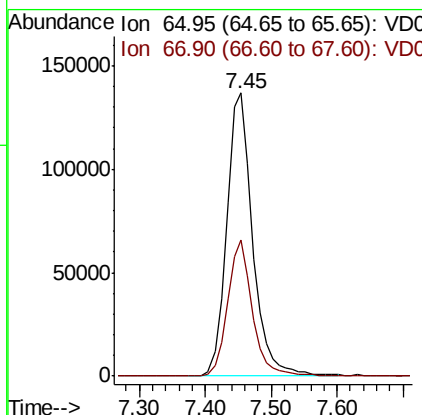
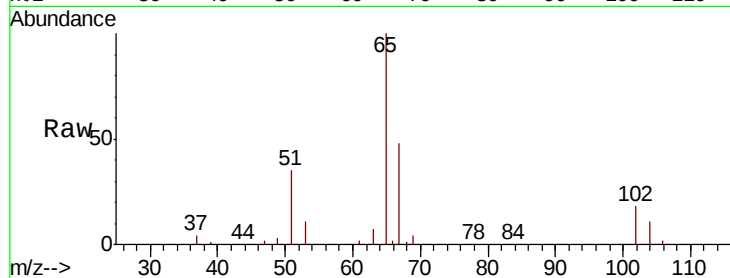




#33
 1,2-Dichloroethane-d4
 Concen: 58.662 ug/l
 RT: 7.45 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD062236.D
 Acq: 11 May 2019 14:41

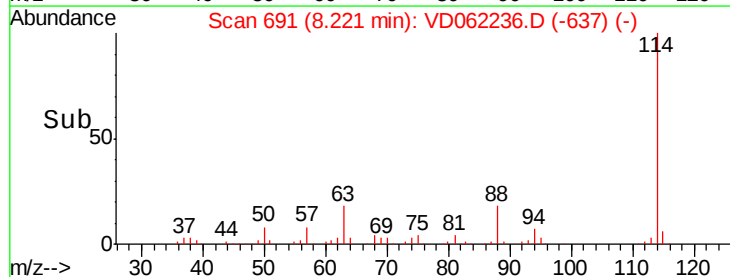
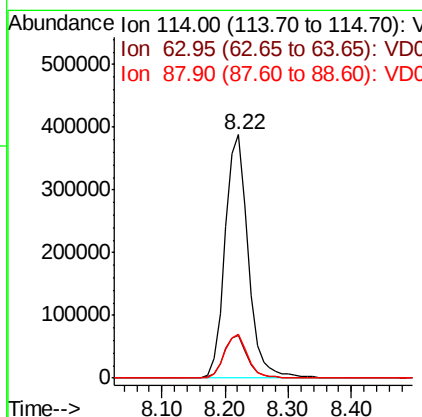
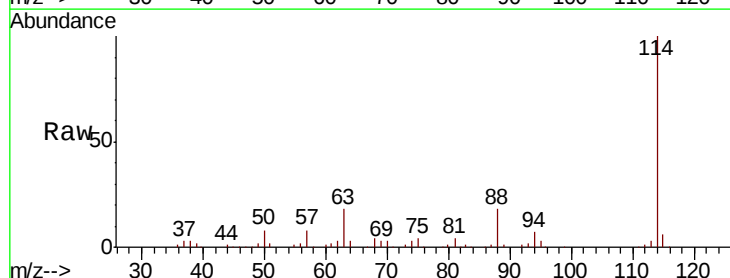
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-0206-01

Tot Ion: 65 Resp: 376514
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062236.D
 Acq: 11 May 2019 14:41

Tgt Ion: 114 Resp: 984673
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 32.4
 88 18.0 0.0 33.6

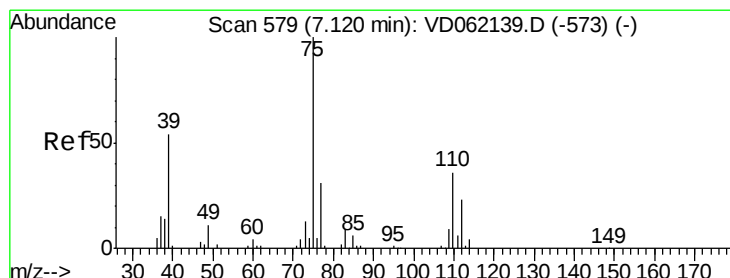
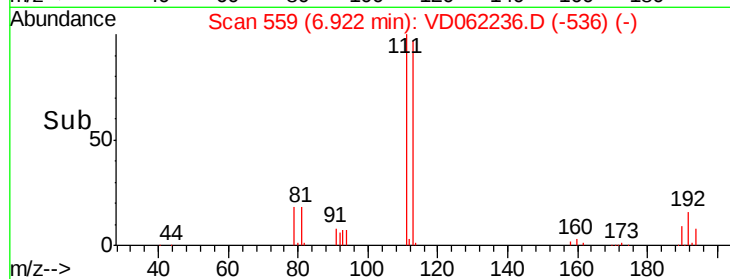
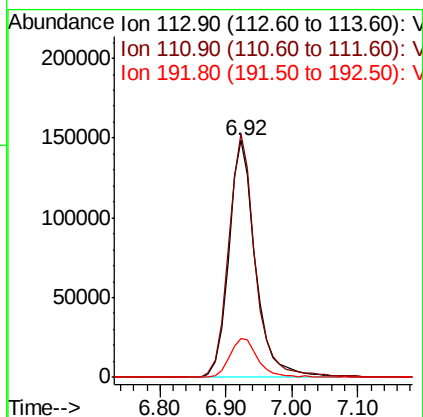
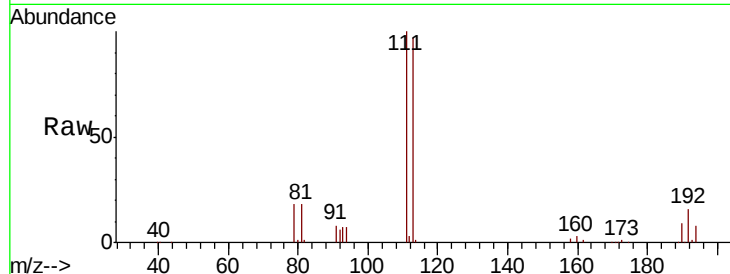




#35
 Dibromofluoromethane
 Concen: 51.253 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062236.D
 Acq: 11 May 2019 14:41

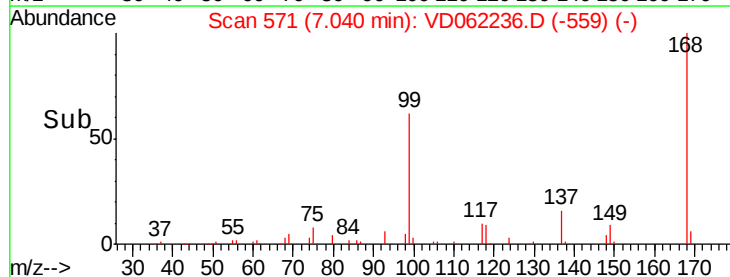
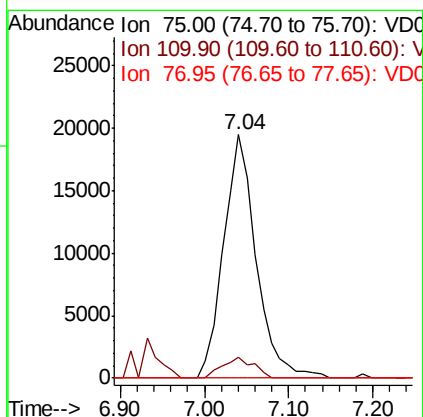
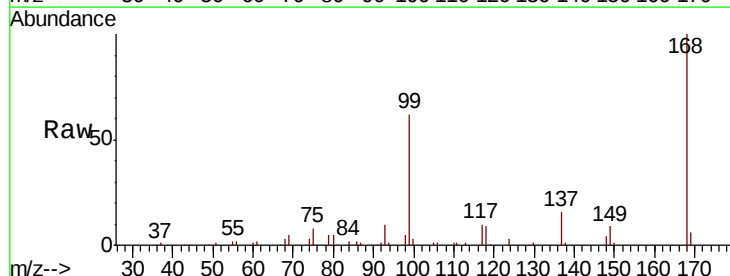
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-0206-01

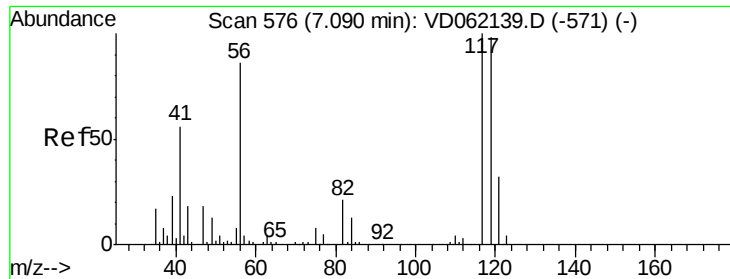
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	78.5	117.7
192	16.4	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 6.483 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062236.D
 Acq: 11 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.1#
77	0.0	25.6	38.4#

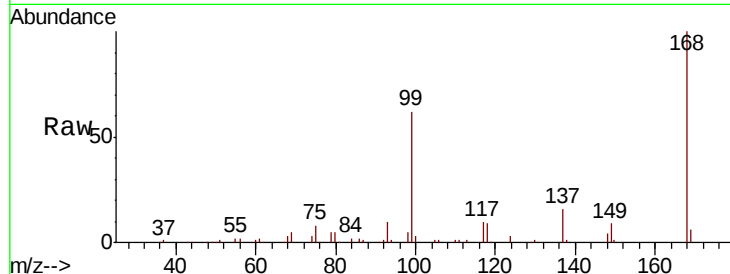




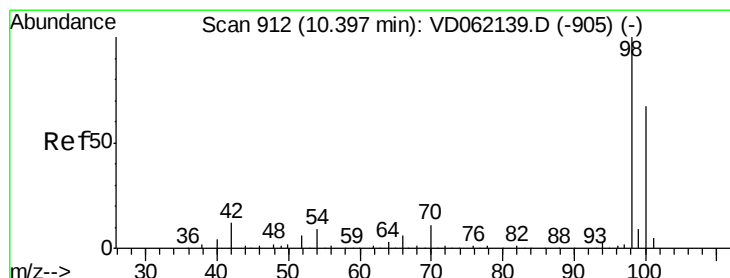
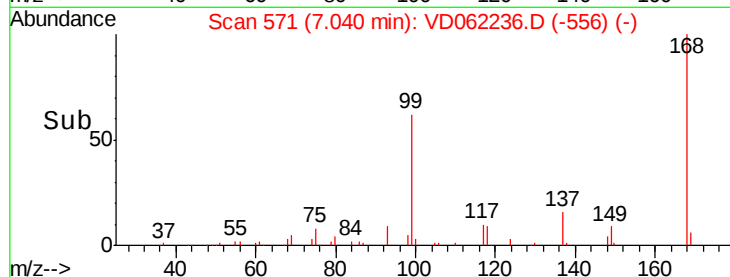
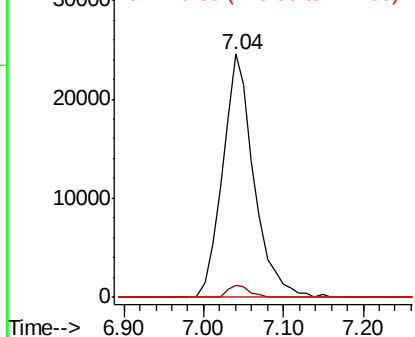
#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-0206-01

Tot Ion:117 Resp: 67322
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.9 38.9#

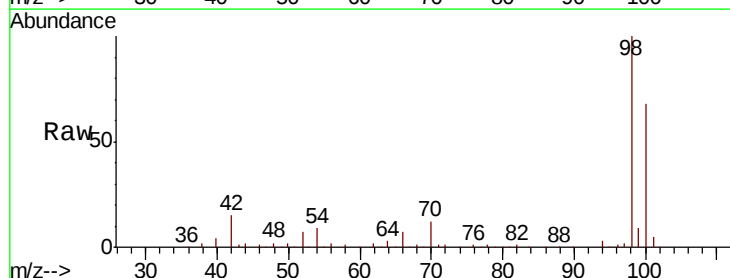


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

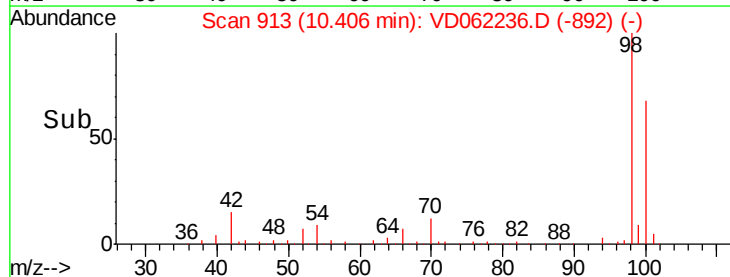
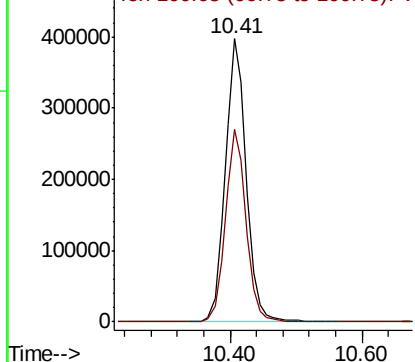


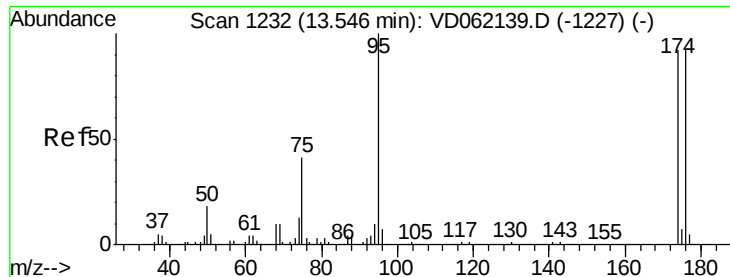
#50
Toluene-d8
Concen: 44.651 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Tgt Ion: 98 Resp: 879546
Ion Ratio Lower Upper
98 100
100 68.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

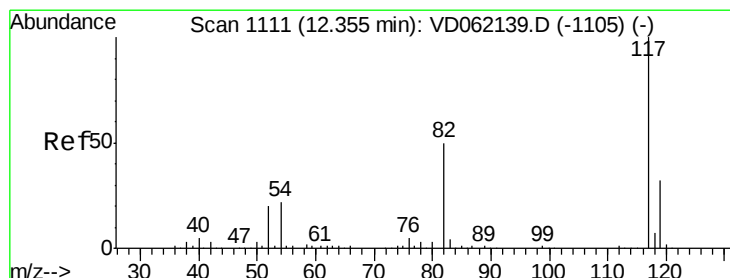
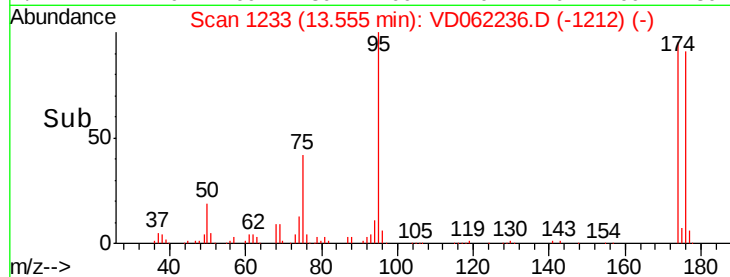
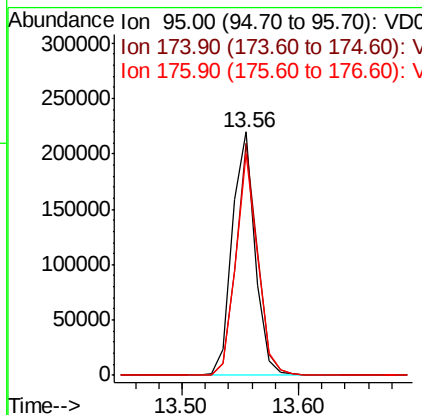
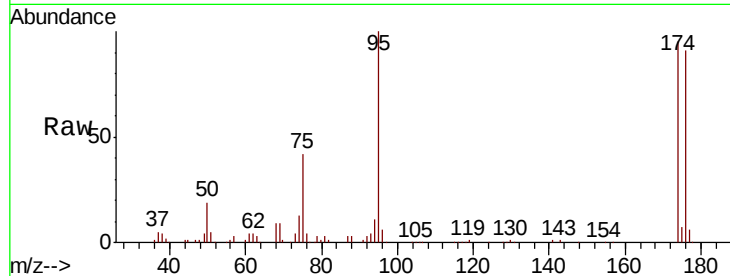




#62
4-Bromofluorobenzene
Concen: 37.484 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

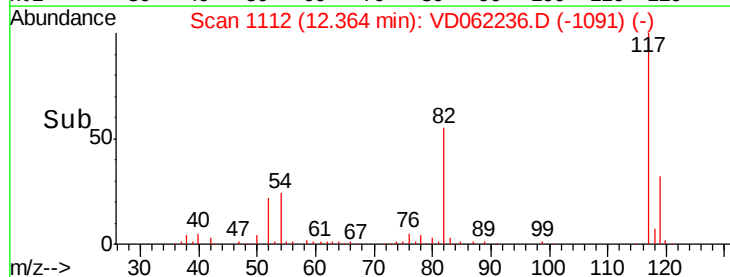
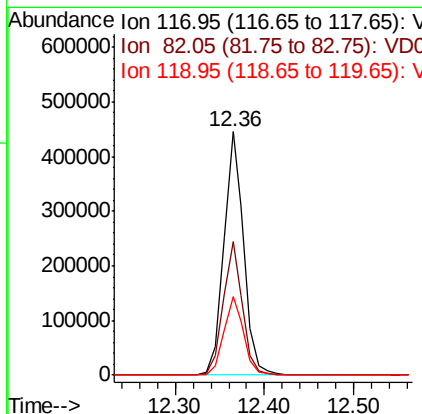
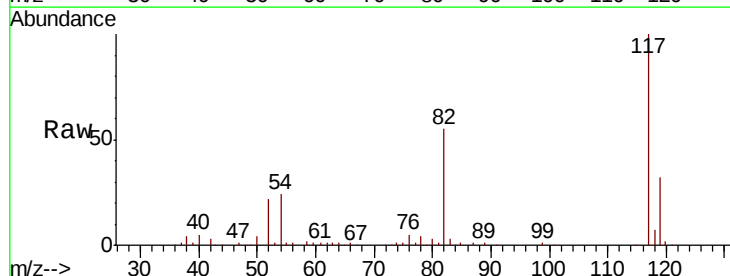
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ClientSampleId :
P026-SS004-0206-01

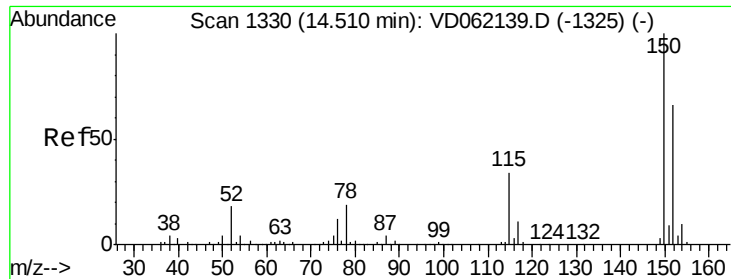
Tot Ion	95	Resp	296505
Ion Ratio	Lower	Upper	
95	100		
174	95.2	0.0	181.8
176	91.0	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Tgt Ion	117	Resp	699752
Ion Ratio	Lower	Upper	
117	100		
82	54.6	36.2	54.2#
119	32.4	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062236.D

Acq: 11 May 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-0206-01

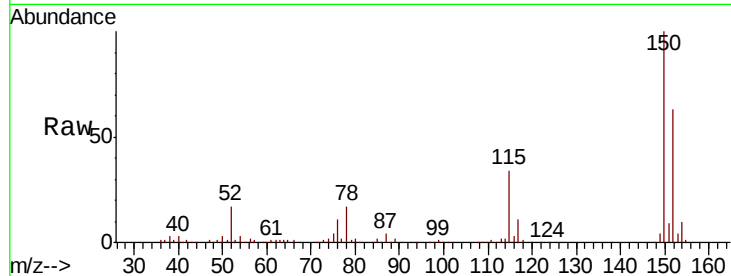
Tot Ion:152 Resp: 261863

Ion Ratio Lower Upper

152 100

115 53.7 30.9 92.7

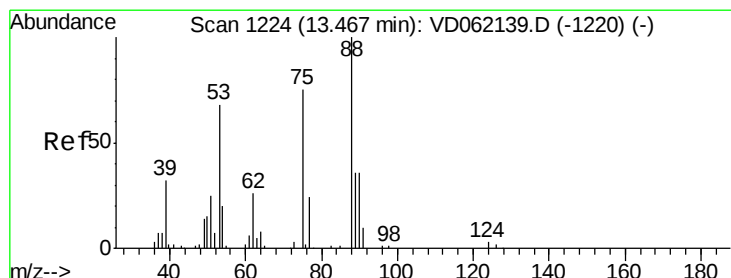
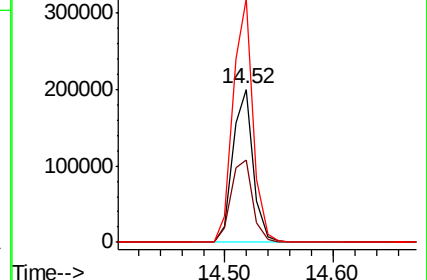
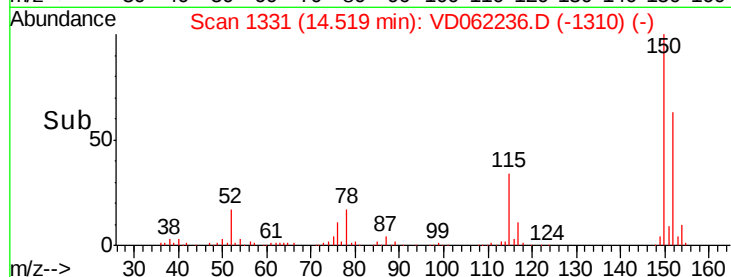
150 159.1 0.0 314.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 143.589 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062236.D

Acq: 11 May 2019 14:41

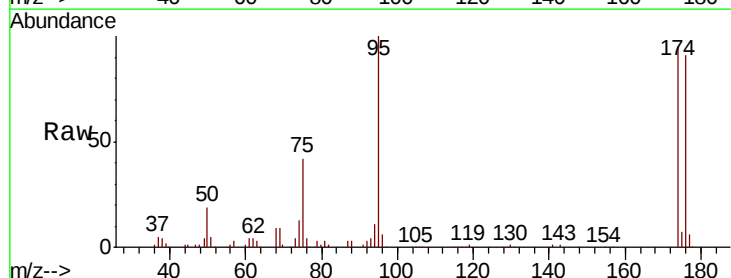
Tgt Ion: 75 Resp: 126149

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

