

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
 Data File : VD062065.D
 Acq On : 29 Apr 2019 16:23
 Operator : FY/SY
 Sample : K2582-04RE
 Misc : 5.69gm/5mL/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SSSI-0419-S-DH-6-BRE

Quant Time: Apr 29 16:46:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	573522	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	880984	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	742061	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	338197	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	228104	50.82	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	6.90	113	329131	54.02	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.38	98	707746	48.82	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	13.55	95	280904	48.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.62%	

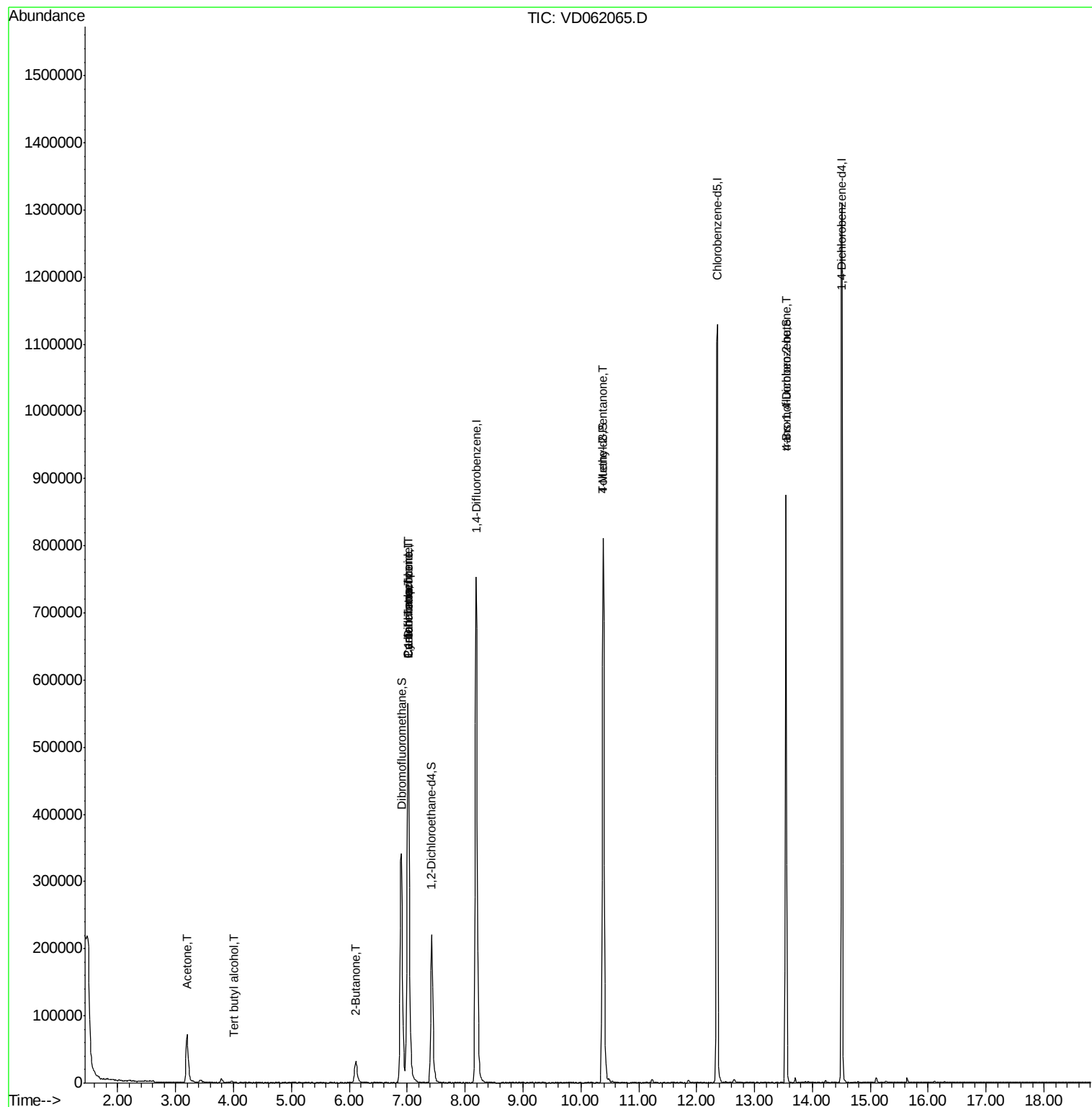
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.12	94	185	Below Cal	#	12
11) Tert butyl alcohol	4.02	59	1648	6.498	ug/l #	76
16) Acetone	3.20	43	137559	128.348	ug/l	98
18) Methyl Acetate	3.61	43	883	Below Cal	#	53
20) Methylene Chloride	3.79	84	4206	Below Cal		88
25) 2-Butanone	6.11	43	1628	1.253	ug/l #	56
31) Cyclohexane	7.02	56	10632	1.590	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	41213	6.004	ug/l #	48
38) Carbon Tetrachloride	7.02	117	56586	6.506	ug/l #	16
51) 4-Methyl-2-Pentanone	10.38	43	3027	1.158	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	109075	83.812	ug/l #	16

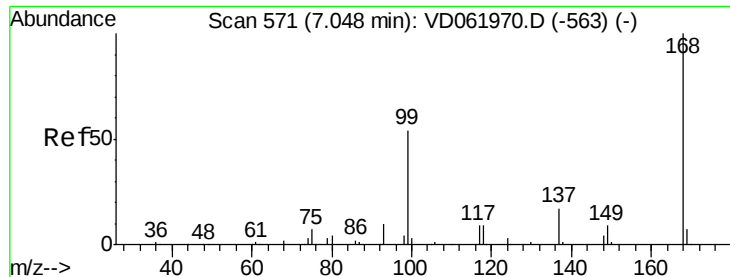
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062065.D

Acq: 29 Apr 2019 16:23

Instrument :

MSVOA_D

ClientSampleId :

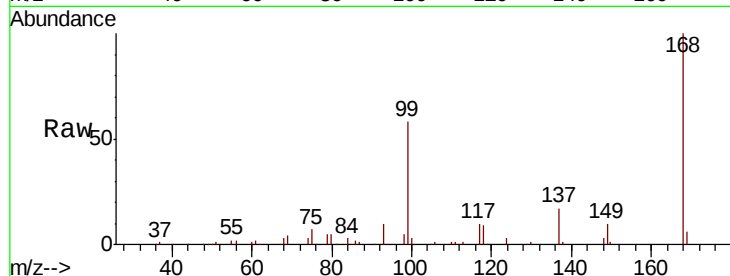
SSSI-0419-S-DH-6-BRE

Tgt Ion: 168 Resp: 573522

Ion Ratio Lower Upper

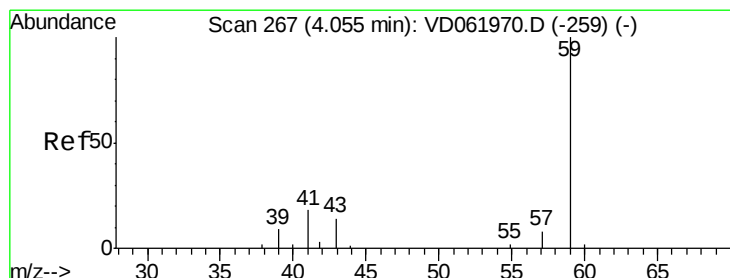
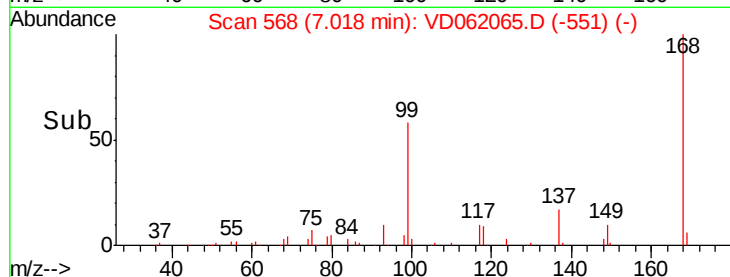
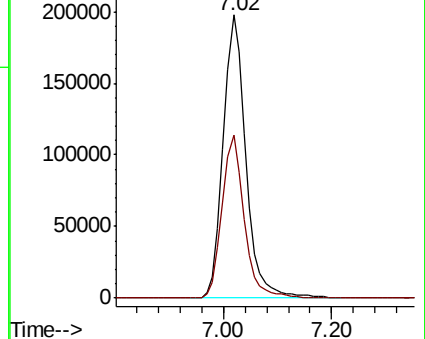
168 100

99 57.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 6.498 ug/l

RT: 4.02 min Scan# 263

Delta R.T. -0.04 min

Lab File: VD062065.D

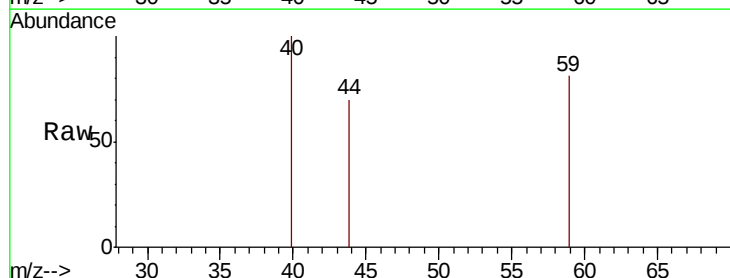
Acq: 29 Apr 2019 16:23

Tgt Ion: 59 Resp: 1648

Ion Ratio Lower Upper

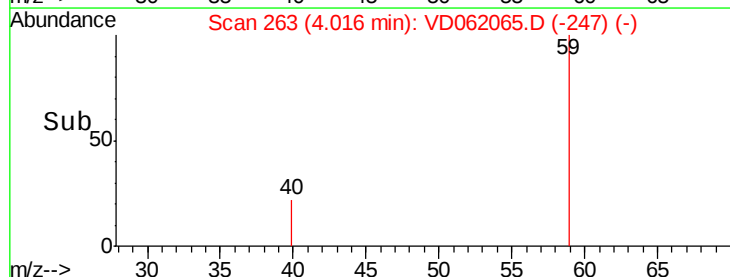
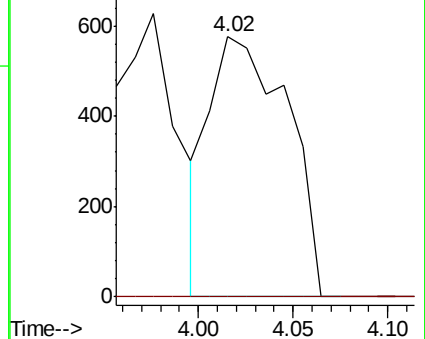
59 100

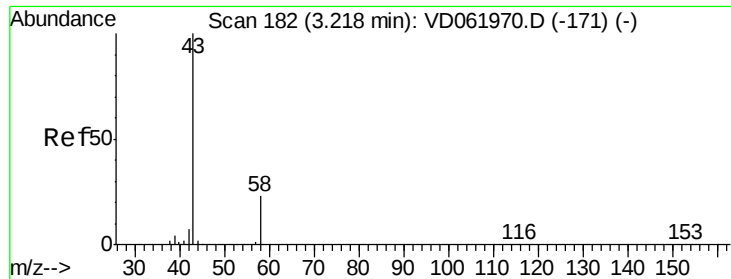
57 0.0 6.9 10.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 128.348 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD062065.D

Acq: 29 Apr 2019 16:23

Instrument :

MSVOA_D

ClientSampleId :

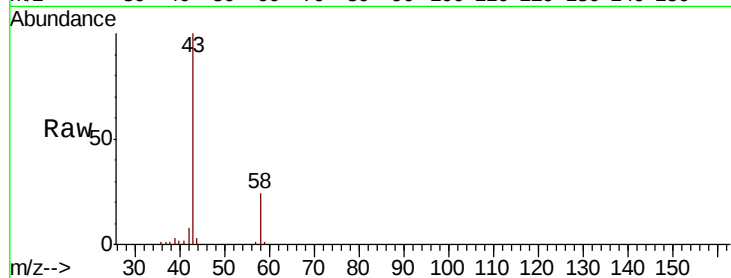
SSSI-0419-S-DH-6-BRE

Tgt Ion: 43 Resp: 137559

Ion Ratio Lower Upper

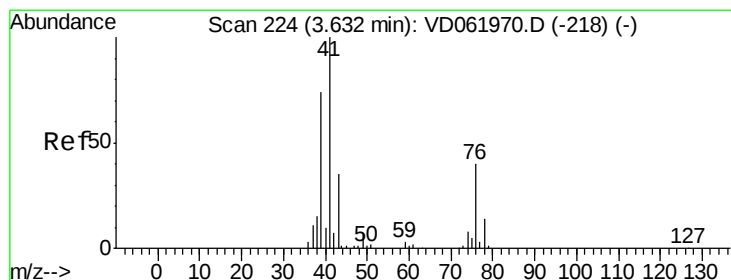
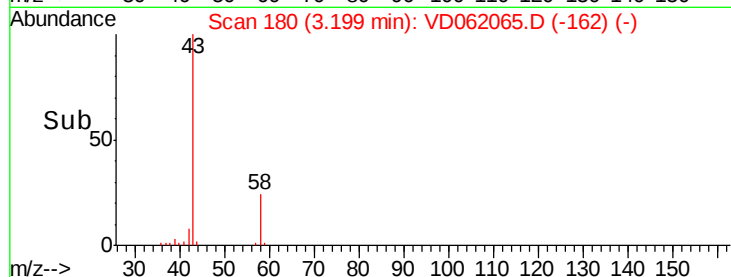
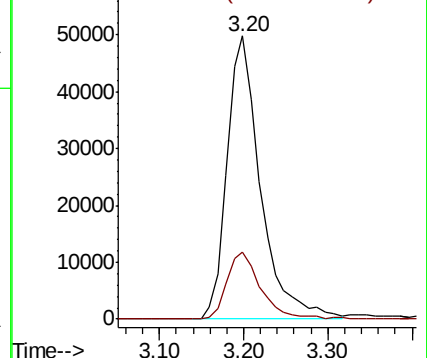
43 100

58 23.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 3.61 min Scan# 222

Delta R.T. -0.03 min

Lab File: VD062065.D

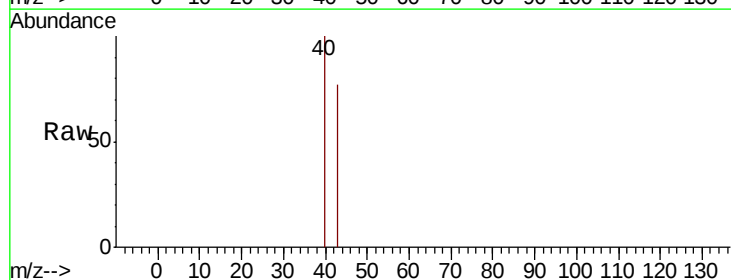
Acq: 29 Apr 2019 16:23

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

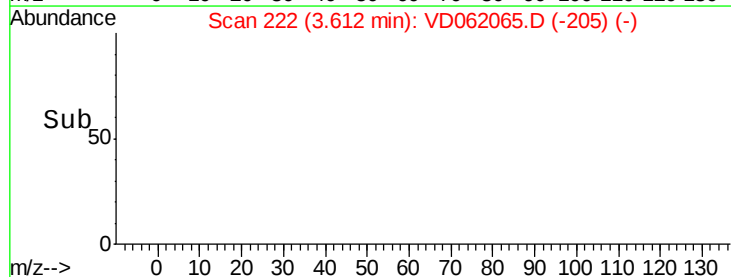
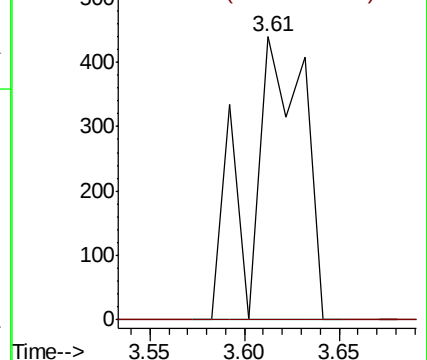
43 100

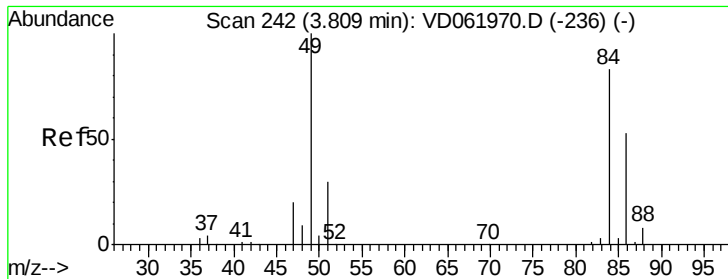
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

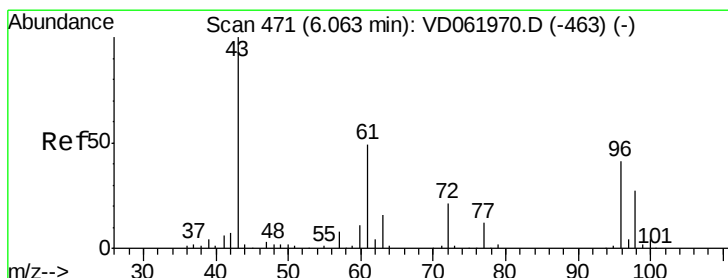
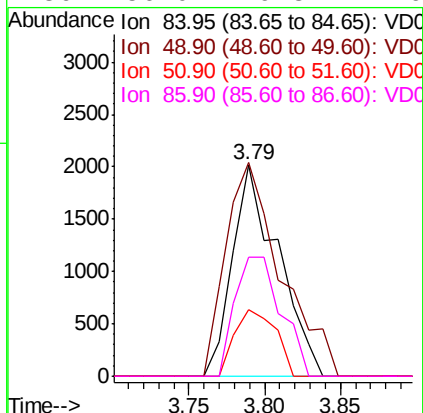
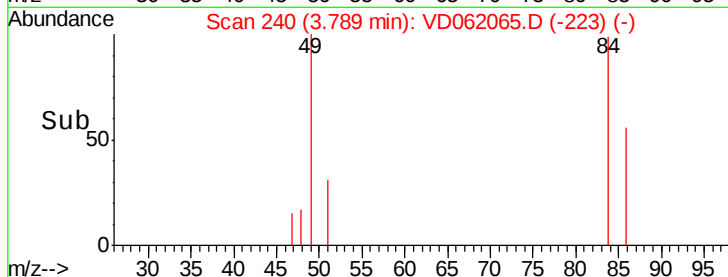
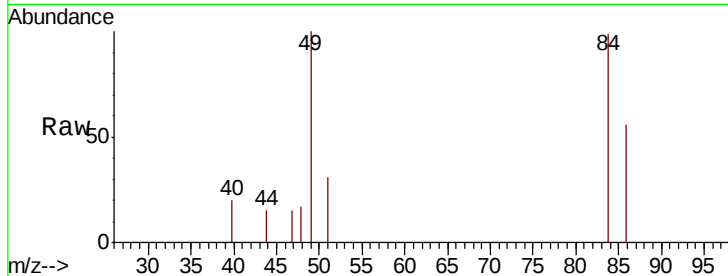




#20
Methylene Chloride
Concen: Below Cal
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

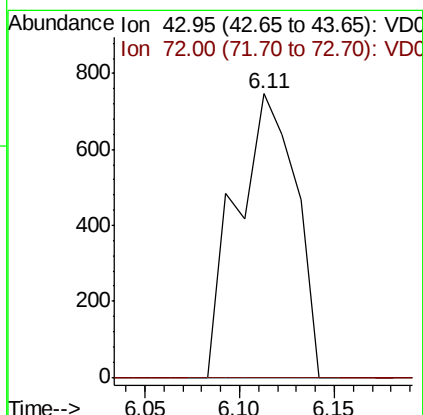
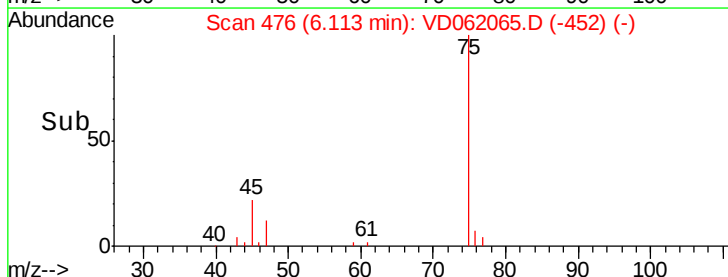
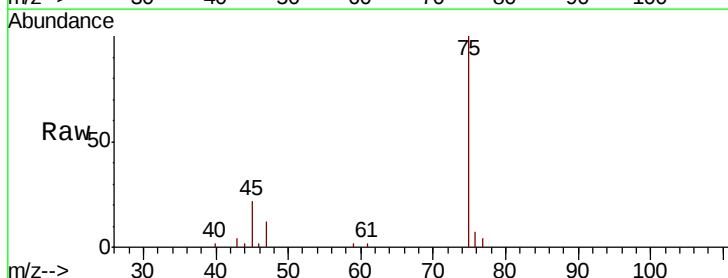
Instrument :
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SSSI-0419-S-DH-6-BRE

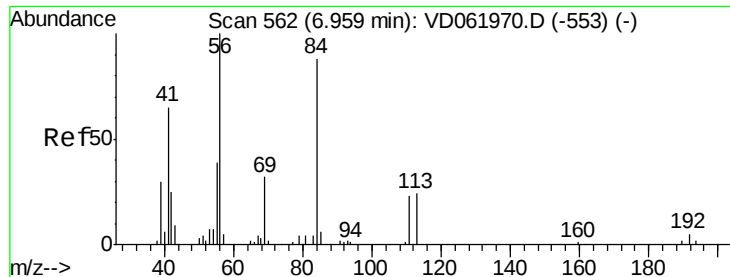
Tgt Ion: 84 Resp: 4206
Ion Ratio Lower Upper
84 100
49 100.9 94.0 141.0
51 31.7 29.0 43.4
86 56.0 49.8 74.6



#25
2-Butanone
Concen: 1.253 ug/l
RT: 6.11 min Scan# 476
Delta R.T. 0.03 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#

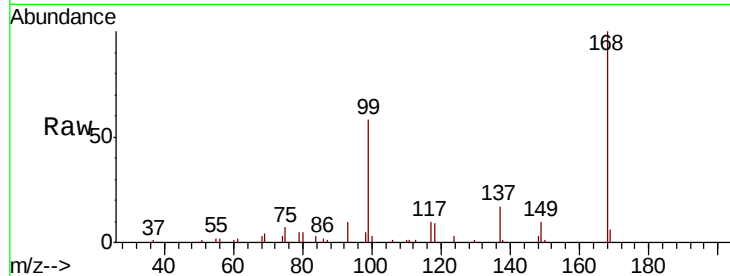




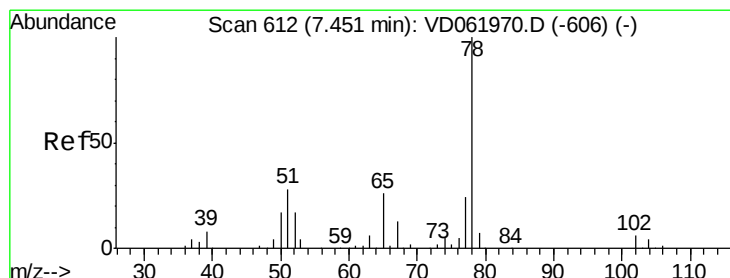
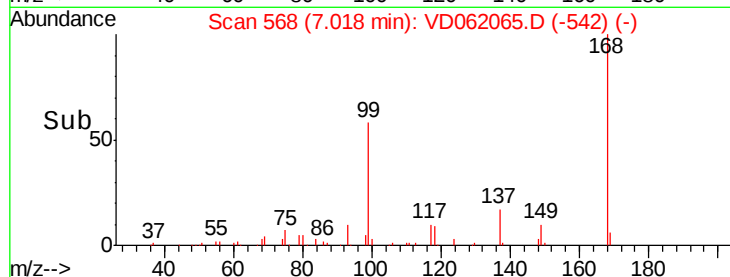
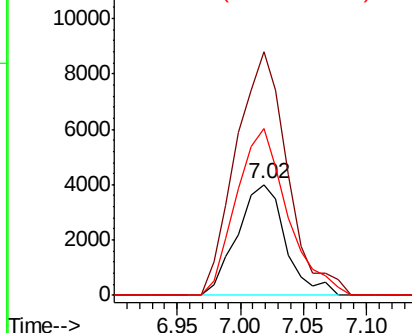
#31
Cyclohexane
Concen: 1.590 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.05 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Instrument :
MSVOA_D
ClientSampleId :
SSSI-0419-S-DH-6-BRE

Tgt Ion: 56 Resp: 10632
Ion Ratio Lower Upper
56 100
69 220.1 25.8 38.6#
84 150.7 72.2 108.4#

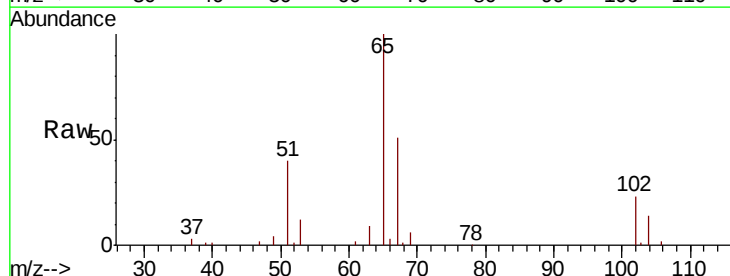


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

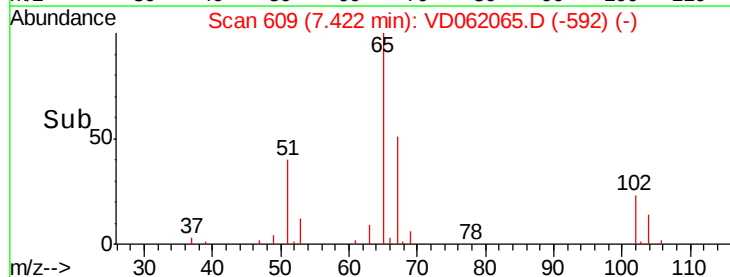
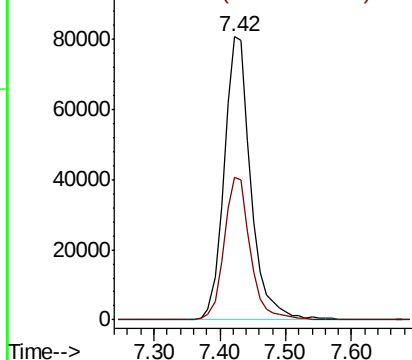


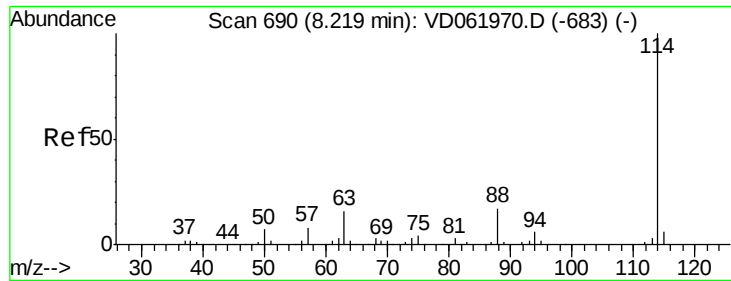
#33
1,2-Dichloroethane-d4
Concen: 50.817 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.03 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Tgt Ion: 65 Resp: 228104
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062065.D

Acq: 29 Apr 2019 16:23

Instrument :

MSVOA_D

ClientSampleId :

SSSI-0419-S-DH-6-BRE

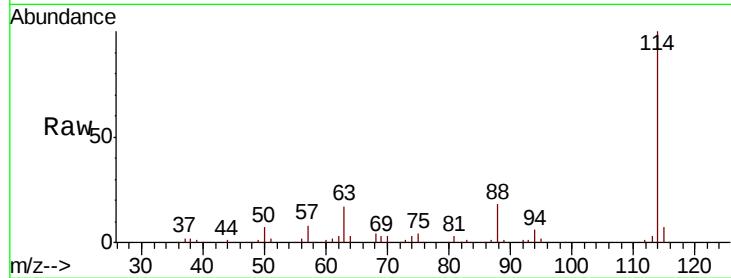
Tgt Ion:114 Resp: 880984

Ion Ratio Lower Upper

114 100

63 17.2 0.0 32.4

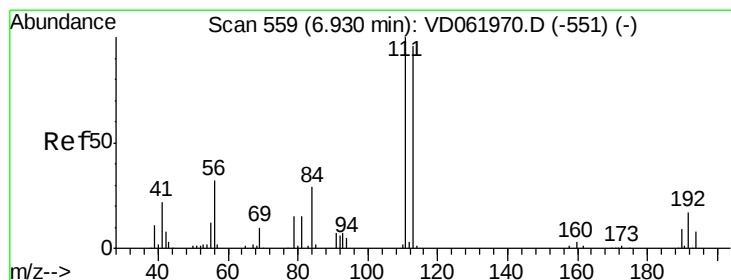
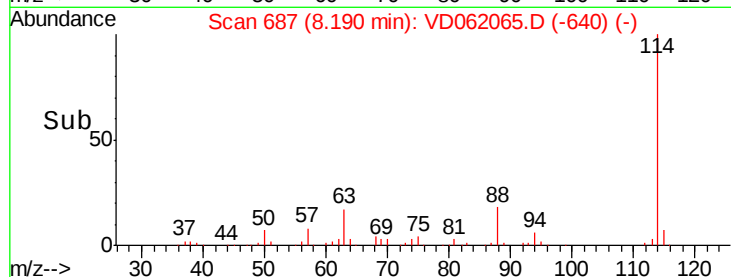
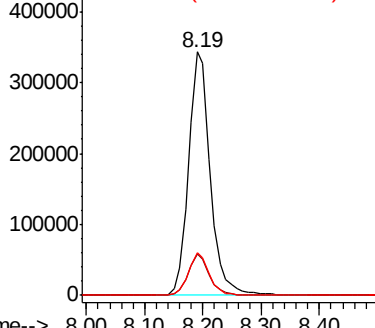
88 17.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.019 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062065.D

Acq: 29 Apr 2019 16:23

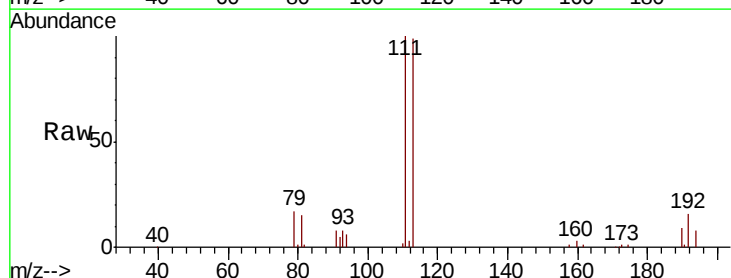
Tgt Ion:113 Resp: 329131

Ion Ratio Lower Upper

113 100

111 101.0 78.5 117.7

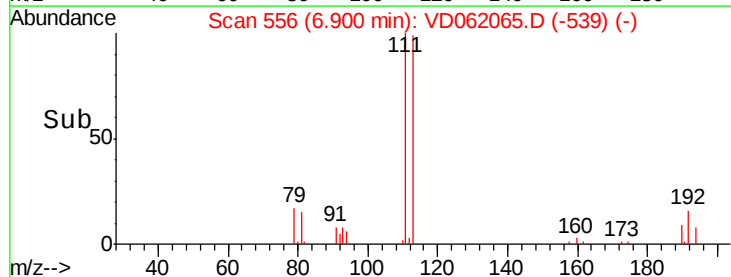
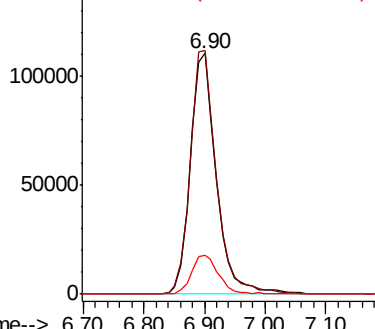
192 16.2 13.0 19.4

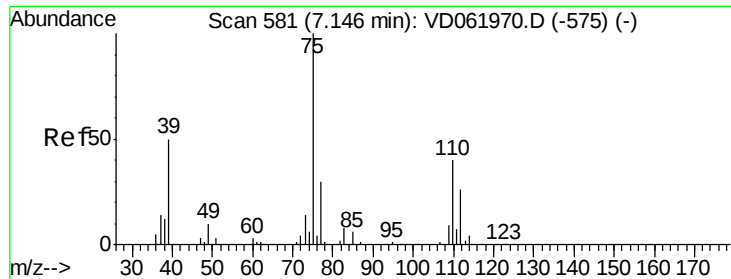


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.004 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.13 min

Lab File: VD062065.D

Acq: 29 Apr 2019 16:23

Instrument :

MSVOA_D

ClientSampleId :

SSSI-0419-S-DH-6-BRE

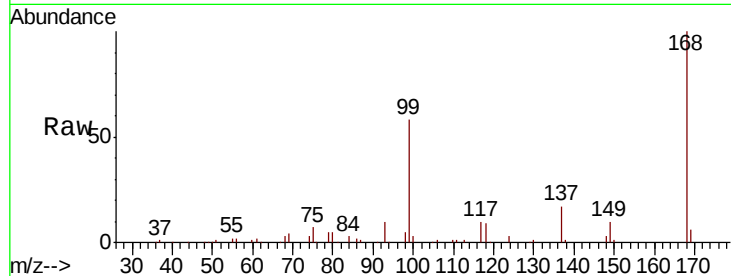
Tgt Ion: 75 Resp: 41213

Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.1#

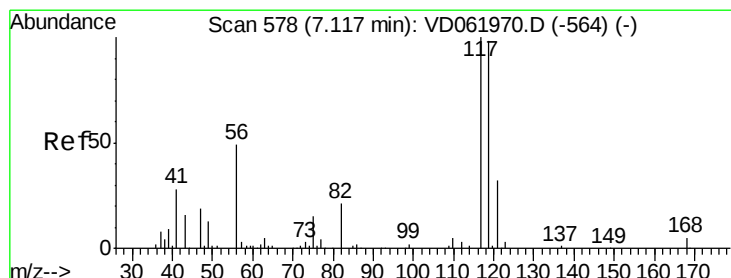
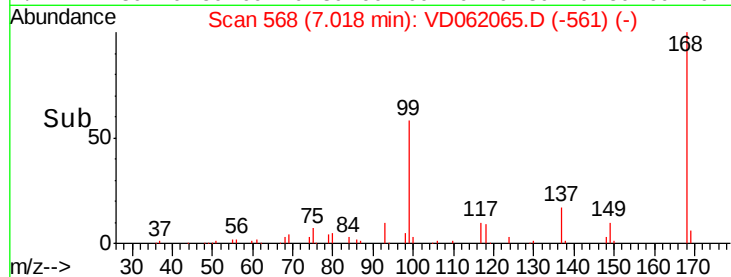
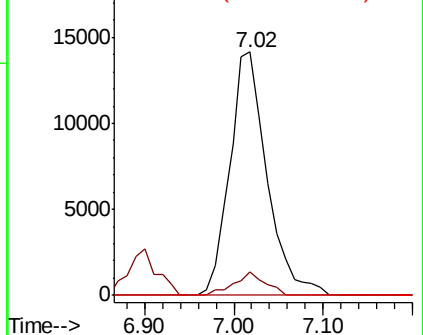
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.506 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.10 min

Lab File: VD062065.D

Acq: 29 Apr 2019 16:23

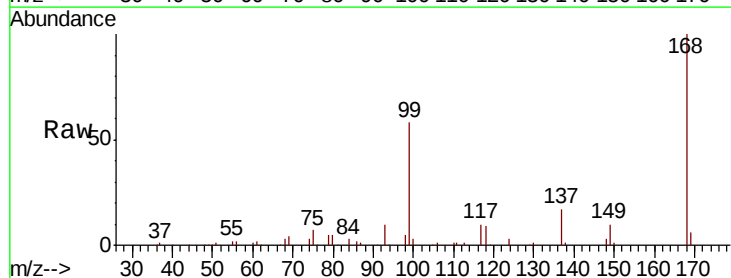
Tgt Ion: 117 Resp: 56586

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

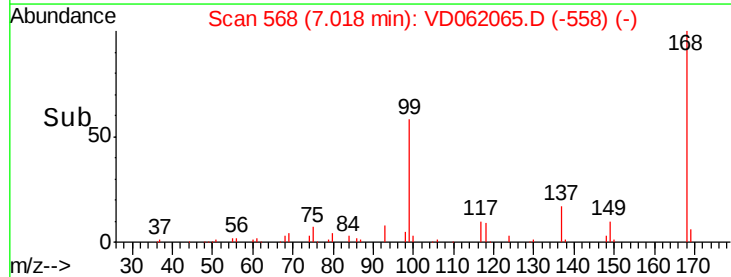
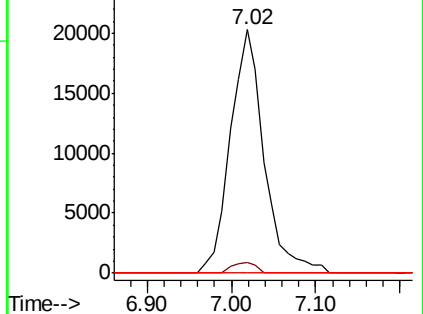
121 0.0 25.9 38.9#

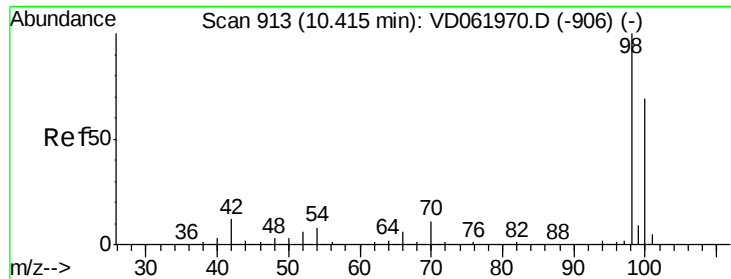


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

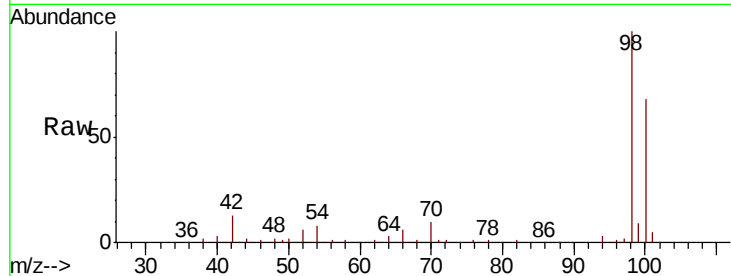




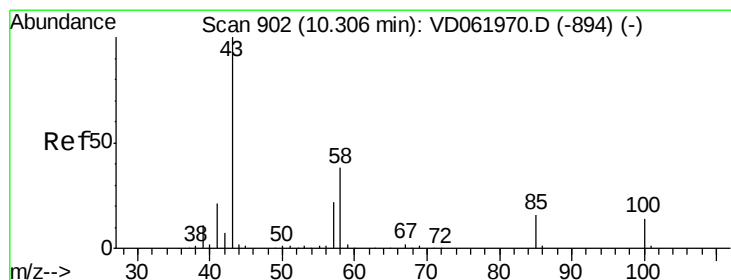
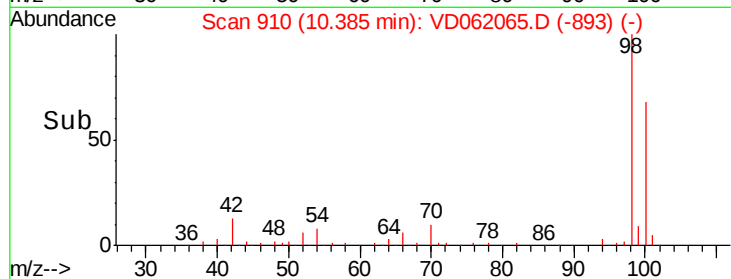
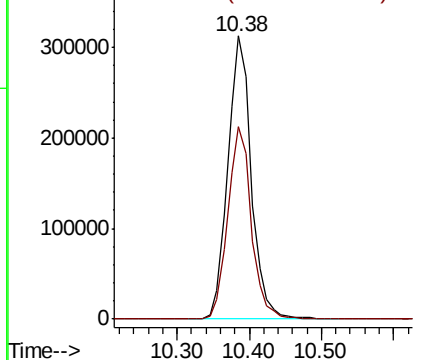
#50
Toluene-d8
Concen: 48.817 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Instrument :
MSVOA_D
ClientSampleId :
SSSI-0419-S-DH-6-BRE

Tgt Ion: 98 Resp: 707746
Ion Ratio Lower Upper
98 100
100 67.8 53.8 80.8

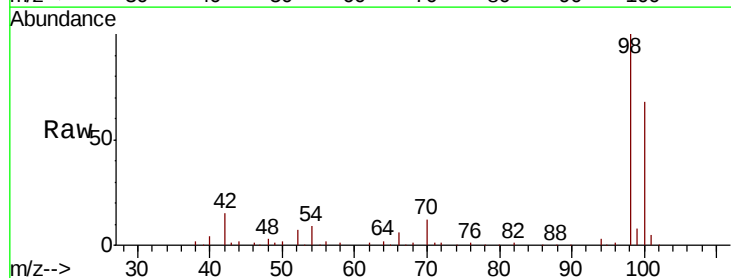


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

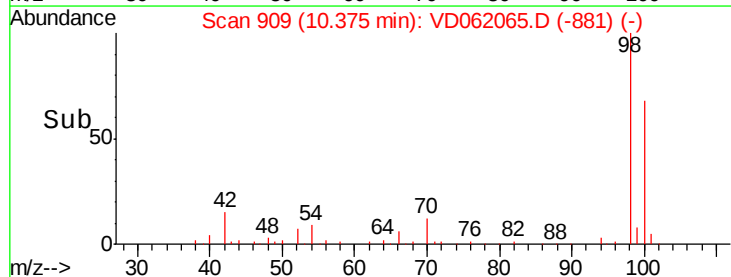
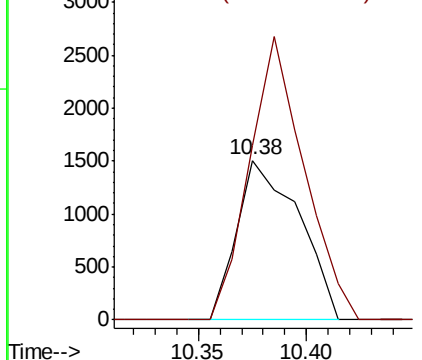


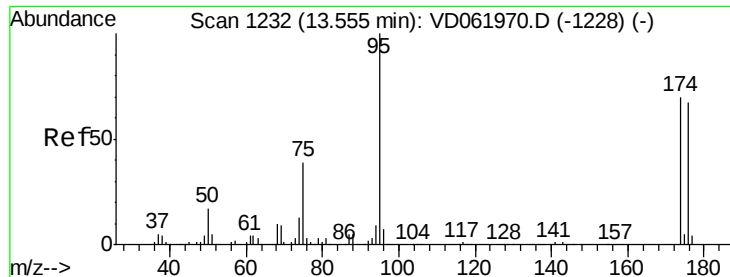
#51
4-Methyl-2-Pentanone
Concen: 1.158 ug/l
RT: 10.38 min Scan# 909
Delta R.T. 0.07 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Tgt Ion: 43 Resp: 3027
Ion Ratio Lower Upper
43 100
58 109.5 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

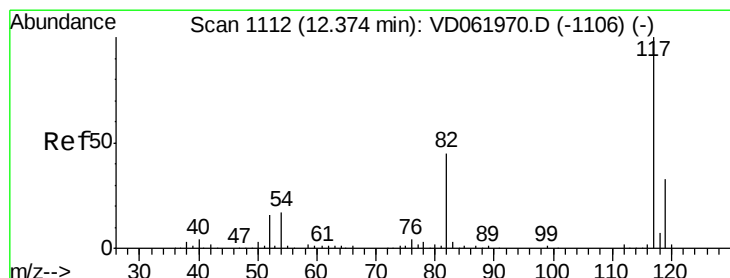
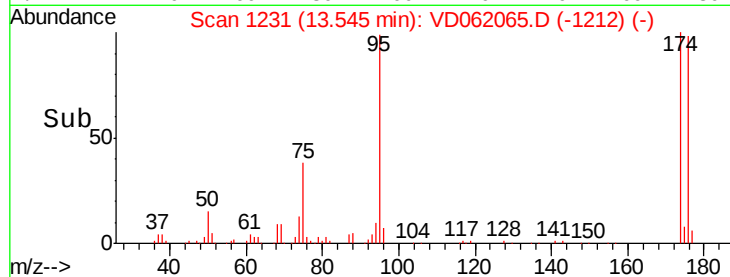
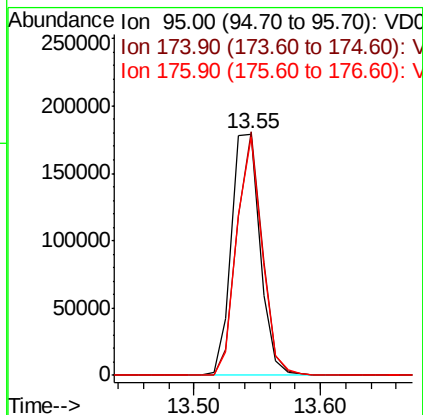
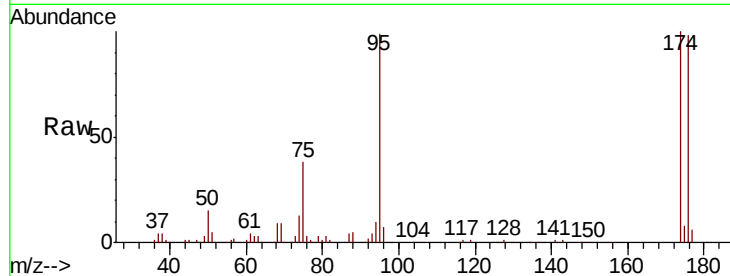




#62
 4-Bromofluorobenzene
 Concen: 48.307 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD062065.D
 Acq: 29 Apr 2019 16:23

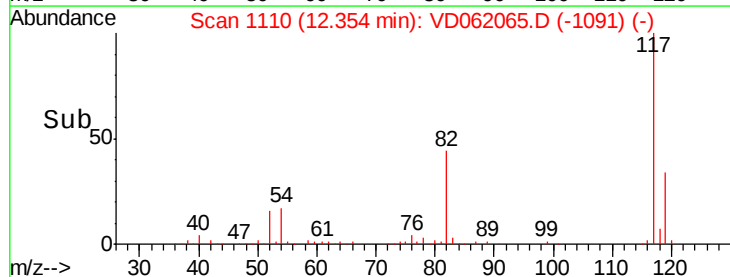
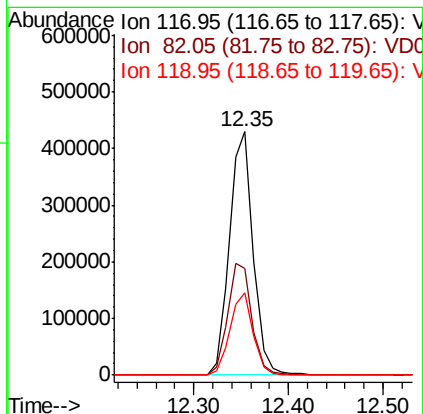
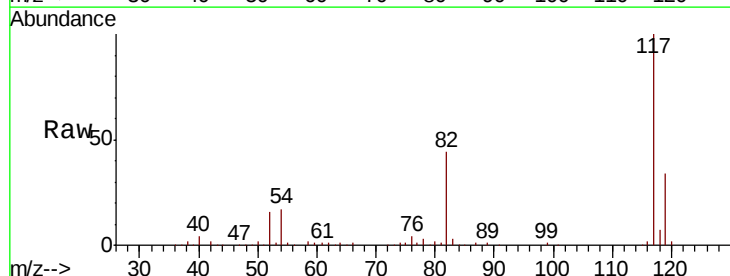
Instrument :
 MSVOA_D
 ClientSampleId :
 SSSI-0419-S-DH-6-BRE

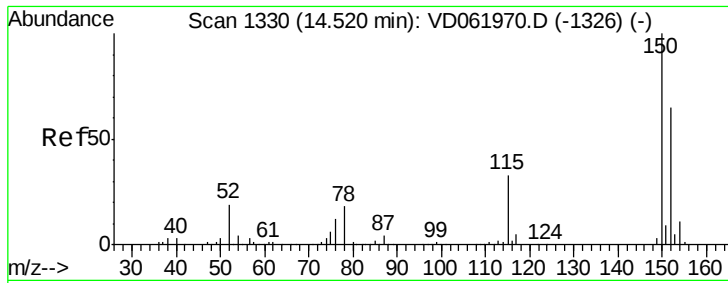
Tgt Ion: 95 Resp: 280904
 Ion Ratio Lower Upper
 95 100
 174 100.7 0.0 181.8
 176 98.4 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: VD062065.D
 Acq: 29 Apr 2019 16:23

Tgt Ion: 117 Resp: 742061
 Ion Ratio Lower Upper
 117 100
 82 44.0 36.2 54.2
 119 34.0 26.2 39.4



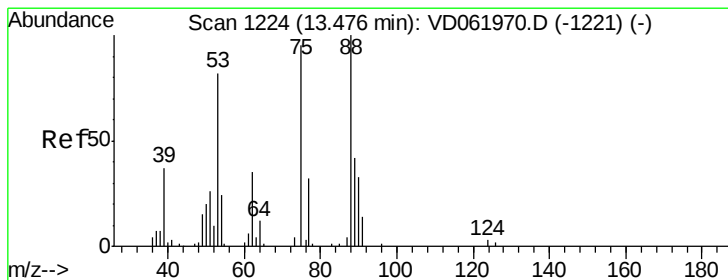
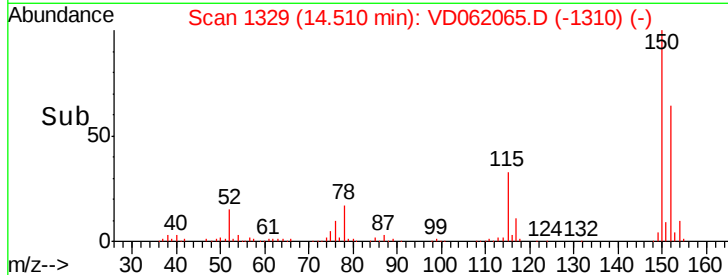
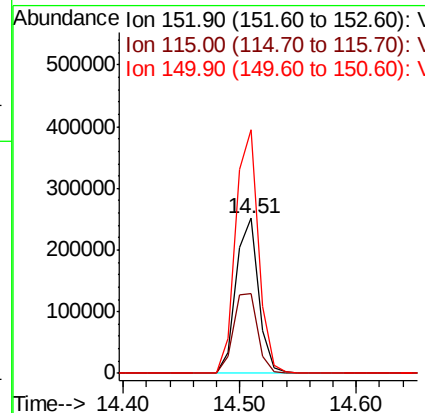
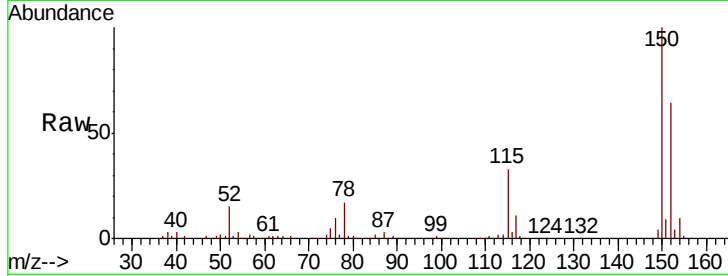


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Instrument :
MSVOA_D
ClientSampleId :
SSSI-0419-S-DH-6-BRE

Tgt Ion:152 Resp: 338197
Ion Ratio Lower Upper
152 100
115 51.3 30.9 92.7
150 157.0 0.0 314.8



#81

trans-1,4-Dichloro-2-butene
Concen: 83.812 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. 0.05 min
Lab File: VD062065.D
Acq: 29 Apr 2019 16:23

Tgt Ion: 75 Resp: 109075
Ion Ratio Lower Upper
75 100
53 0.0 65.8 98.8#
89 0.0 35.0 52.6#

