

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061415.D
 Acq On : 29 Mar 2019 4:47
 Operator : VA/AP
 Sample : K2107-13
 Misc : 5.81g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Mar 29 05:33:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	579434	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	1044552	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	829777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	393706	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	183733	37.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	74.24%	
35) Dibromofluoromethane	6.93	113	319099	39.98	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.96%	
50) Toluene-d8	10.41	98	751991	39.28	ug/l	0.03
Spiked Amount 50.000			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	13.55	95	294174	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	

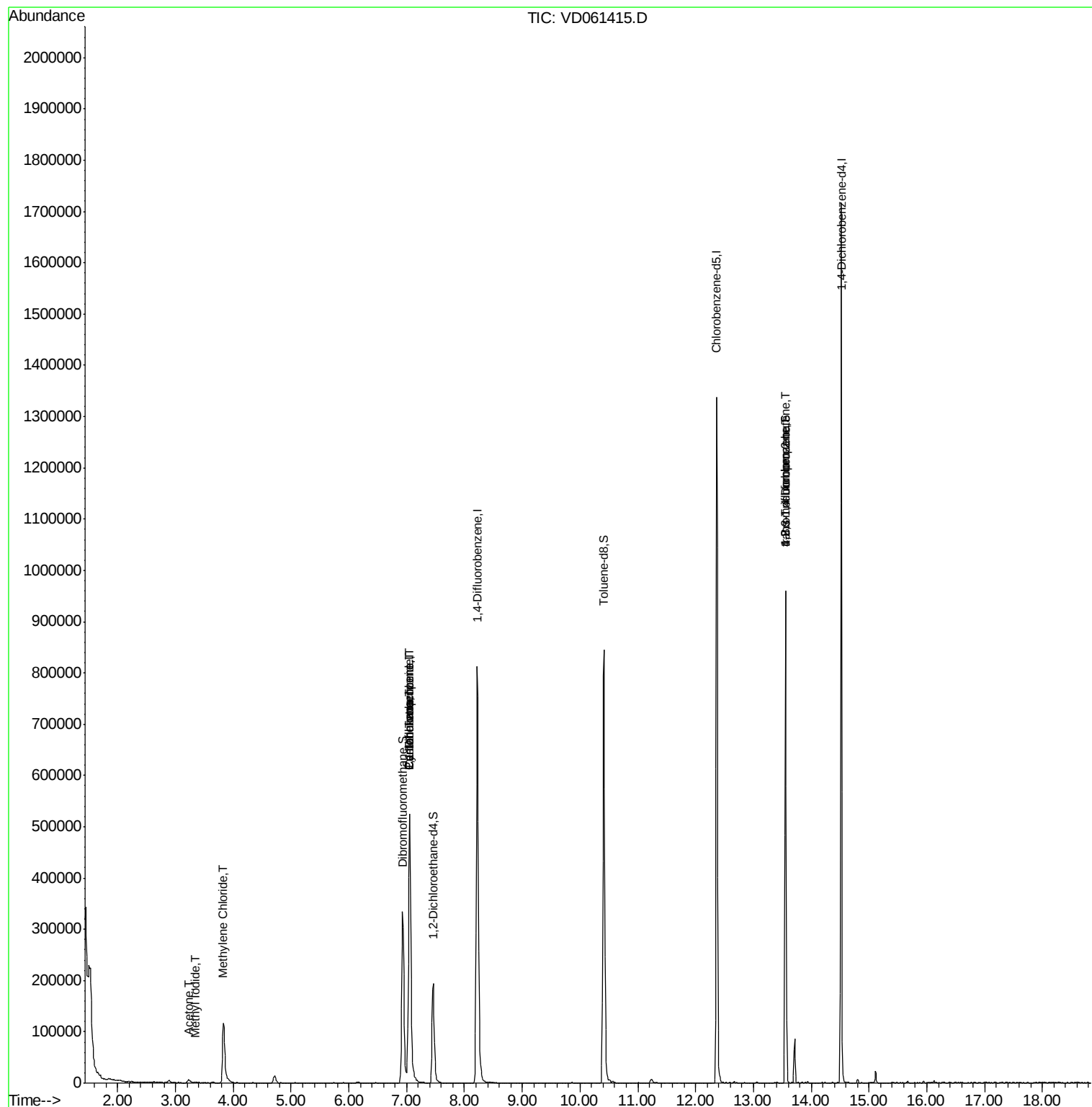
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.34	142	2190	3.651	ug/l #	87
16) Acetone	3.23	43	13373	10.510	ug/l #	82
20) Methylene Chloride	3.83	84	92915	11.559	ug/l	99
31) Cyclohexane	7.05	56	10174	1.193	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	41657	4.569	ug/l #	45
38) Carbon Tetrachloride	7.06	117	54795	5.231	ug/l #	14
76) 1,2,3-Trichloropropane	13.55	75	75220	13.226	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.55	75	107207	61.825	ug/l #	18

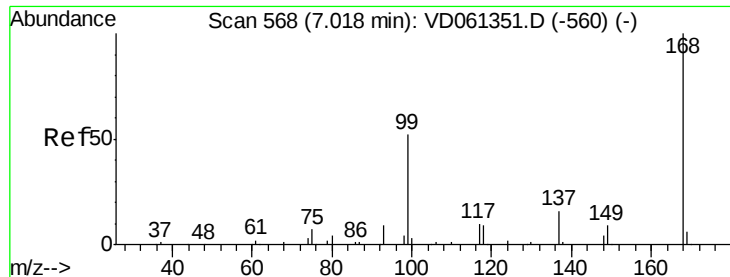
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

Instrument :

MSVOA_D

ClientSampled :

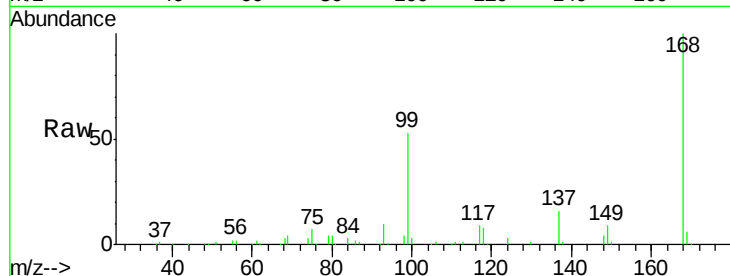
TP-7

Tot Ion:168 Resp: 579434

Ion Ratio Lower Upper

168 100

99 52.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

200000

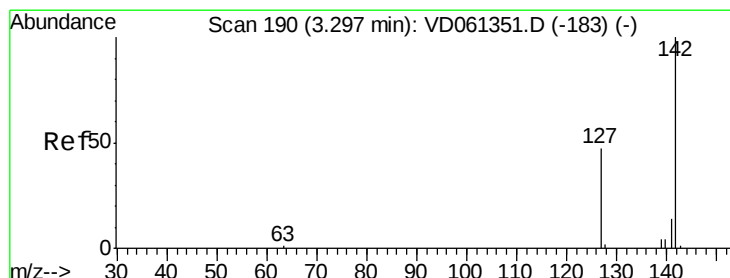
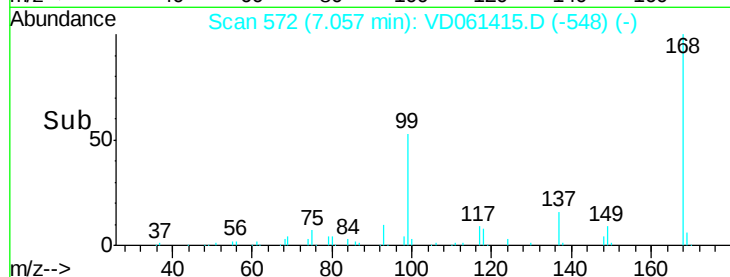
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.651 ug/l

RT: 3.34 min Scan# 194

Delta R.T. 0.04 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

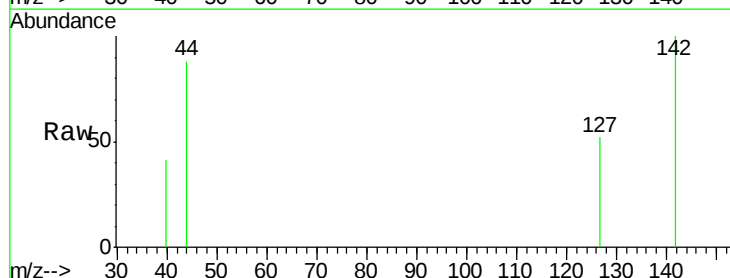
Tgt Ion:142 Resp: 2190

Ion Ratio Lower Upper

142 100

127 51.6 37.7 56.5

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.34

1000

800

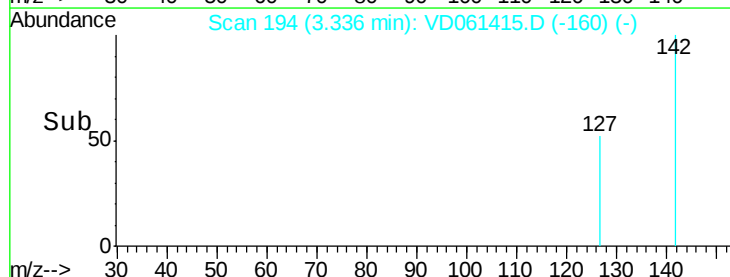
600

400

200

0

Time--> 3.30 3.35 3.40





#16

Acetone

Concen: 10.510 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

Instrument :

MSVOA_D

ClientSampleId :

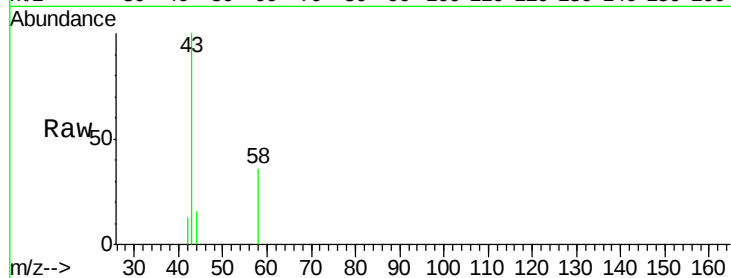
TP-7

Tot Ion: 43 Resp: 13373

Ion Ratio Lower Upper

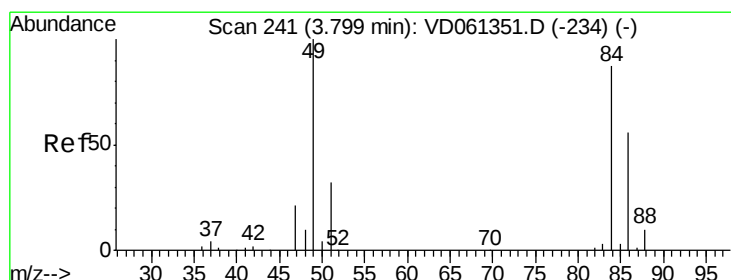
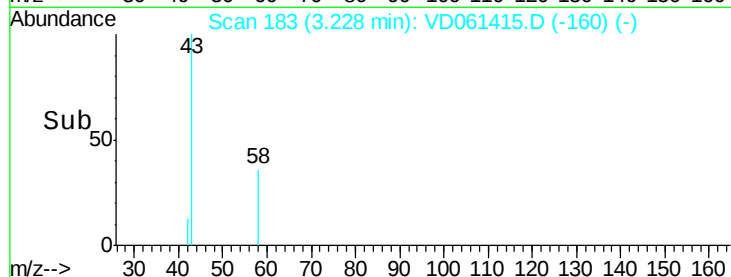
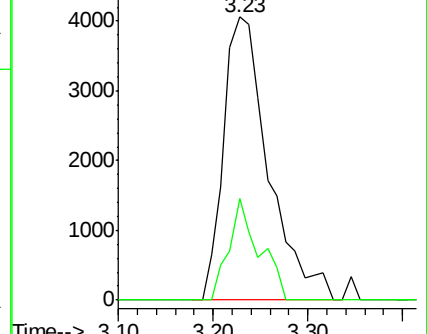
43 100

58 36.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 11.559 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

Tgt Ion: 84 Resp: 92915

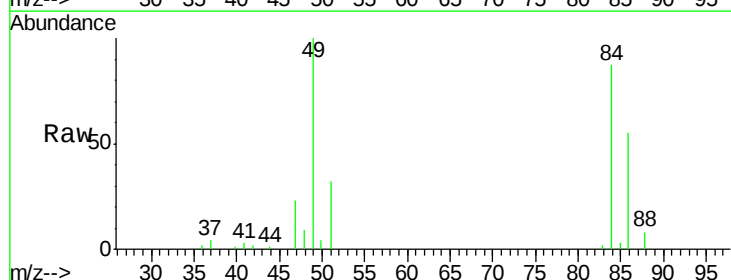
Ion Ratio Lower Upper

84 100

49 115.0 91.8 137.8

51 36.8 29.8 44.8

86 63.7 51.8 77.6

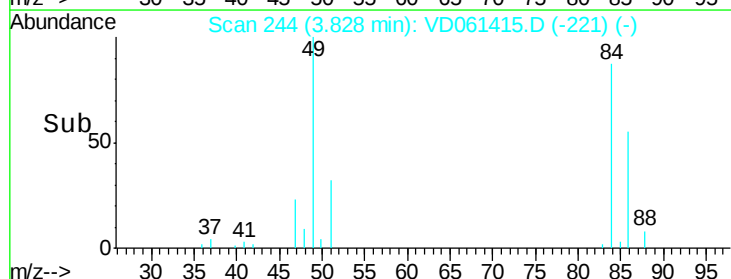
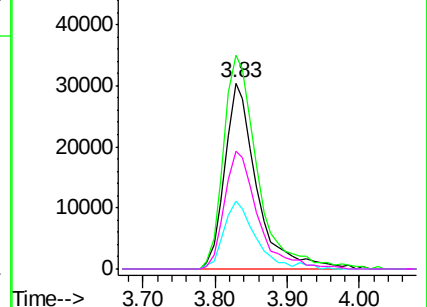


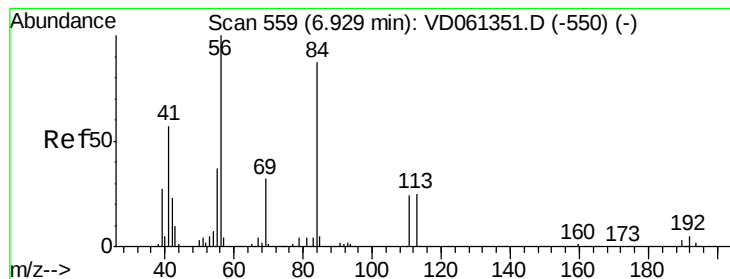
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.12 min

Lab File: VD061415.D

Acq: 29 Mar 2019 4:47

Instrument :

MSVOA_D

ClientSampleId :

TP-7

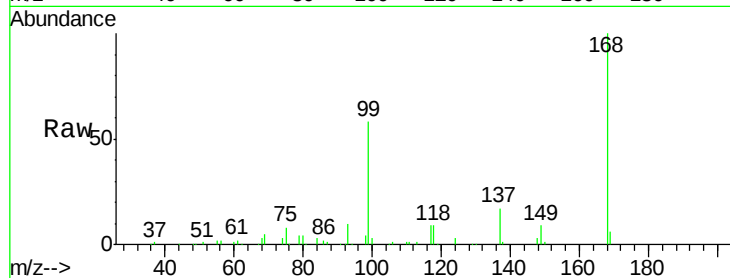
Tot Ion: 56 Resp: 10174

Ion Ratio Lower Upper

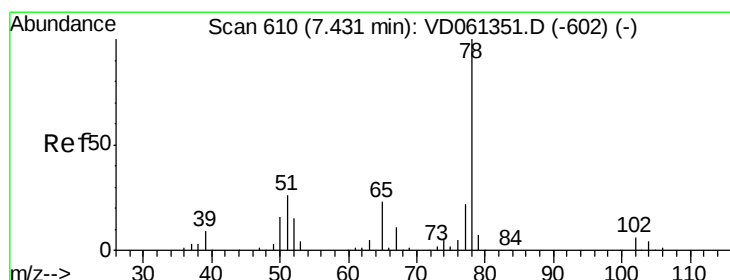
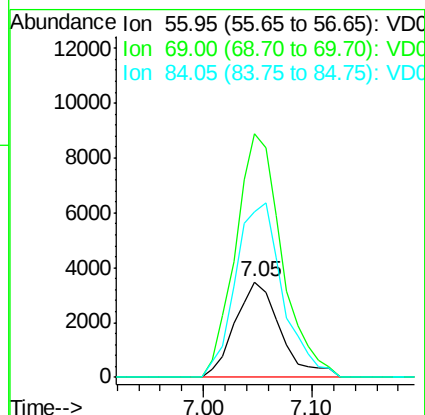
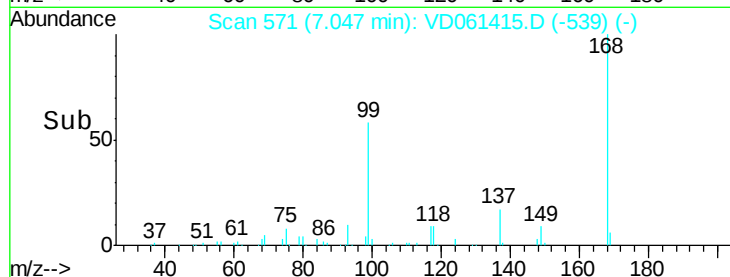
56 100

69 255.3 25.7 38.5#

84 173.0 70.6 105.8#



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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061415.D

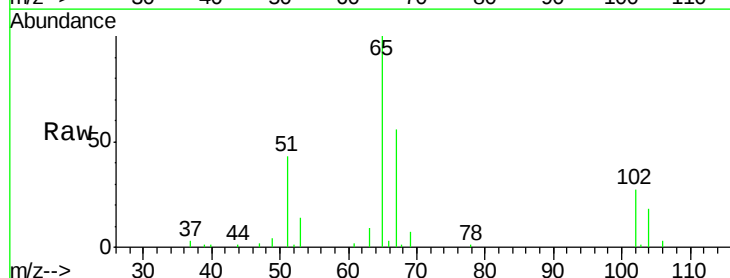
Acq: 29 Mar 2019 4:47

Tgt Ion: 65 Resp: 183733

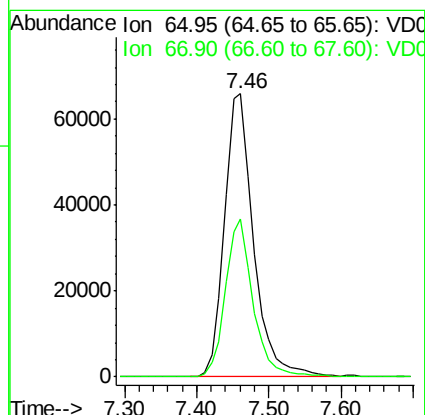
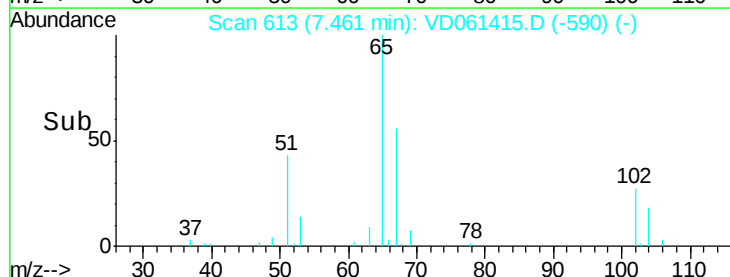
Ion Ratio Lower Upper

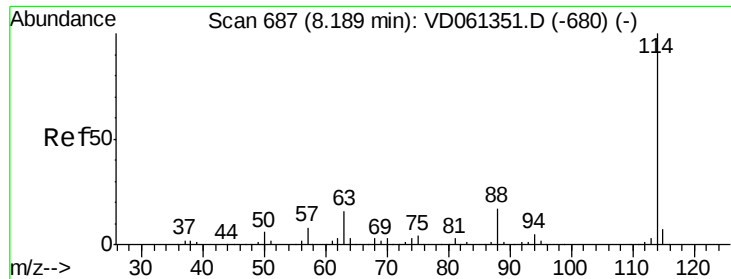
65 100

67 55.6 0.0 99.8



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

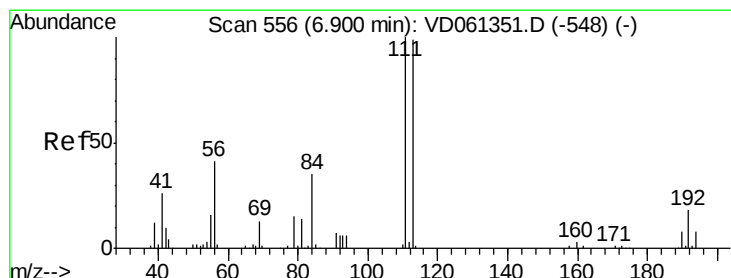
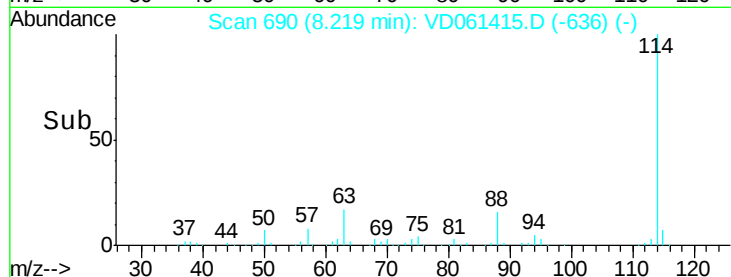
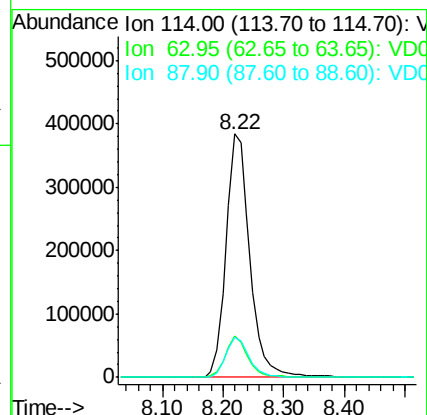
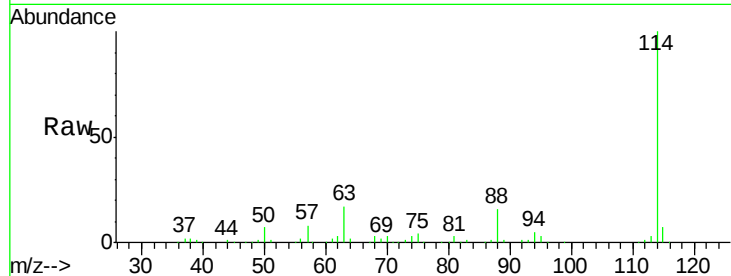




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

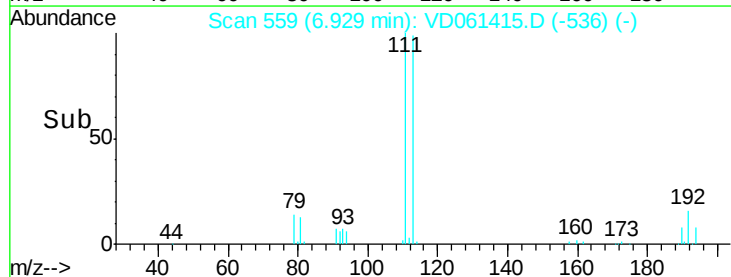
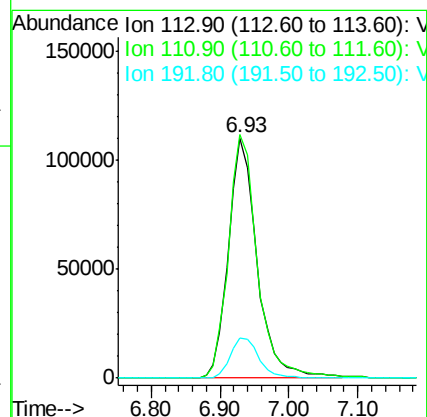
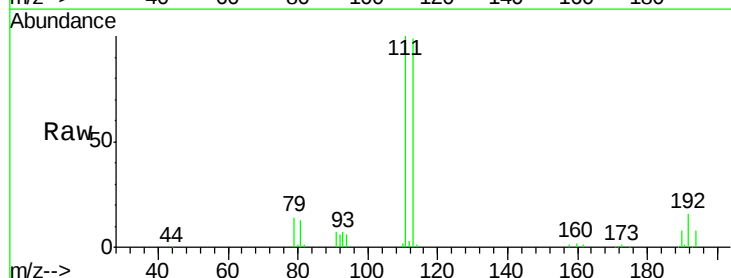
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

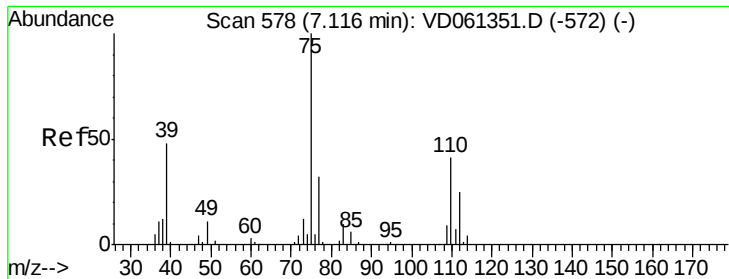
Tot Ion:114 Resp: 1044552
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.6
 88 16.5 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

Tgt Ion:113 Resp: 319099
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.0 121.6
 192 16.5 14.4 21.6

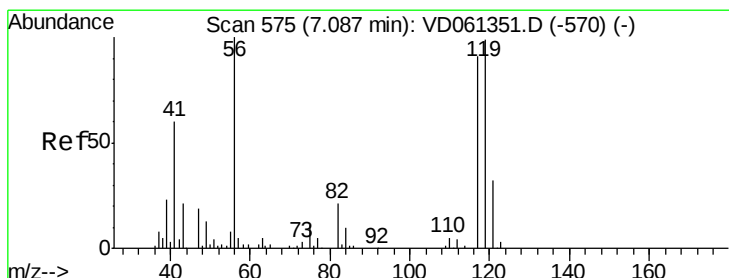
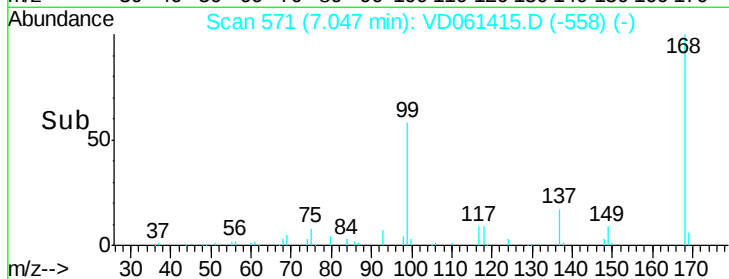
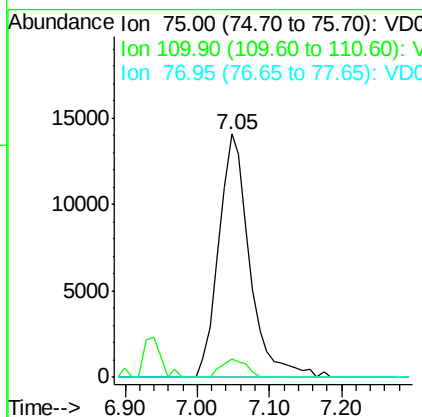
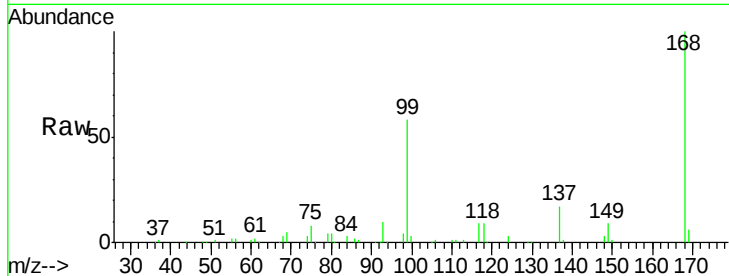




#36
 1,1-Dichloropropene
 Concen: 4.569 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

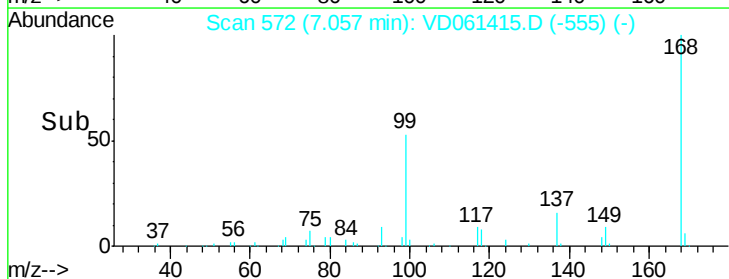
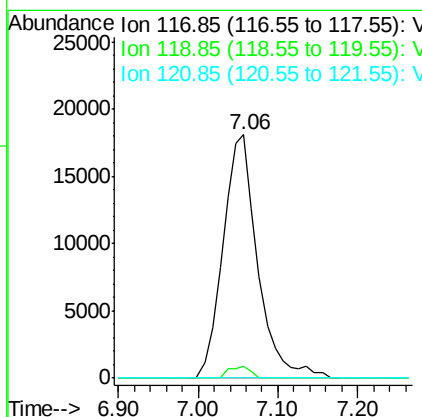
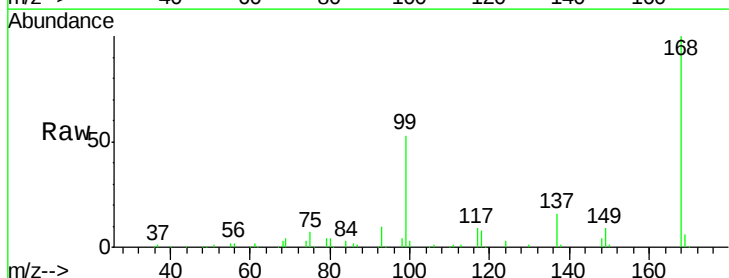
Instrument :
 MSVOA_D
 ClientSampled :
 TP-7

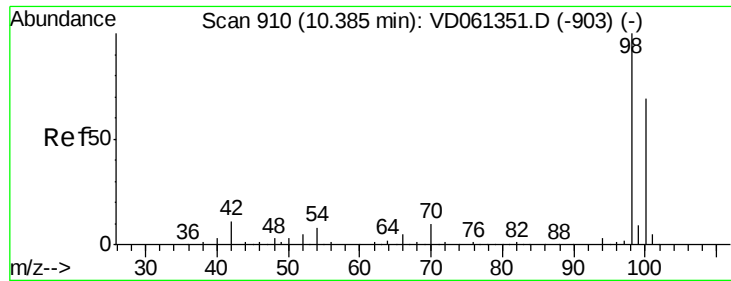
Tot Ion	75	Resp	41657
Ion Ratio	Lower	Upper	
75	100		
110	7.7	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.231 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.03 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

Tgt Ion	117	Resp	54795
Ion Ratio	Lower	Upper	
117	100		
119	5.1	80.1	120.1#
121	0.0	25.6	38.4#

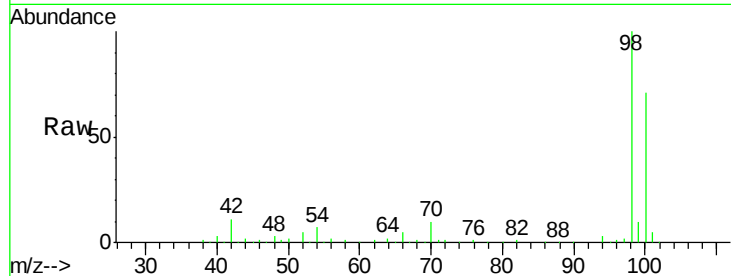




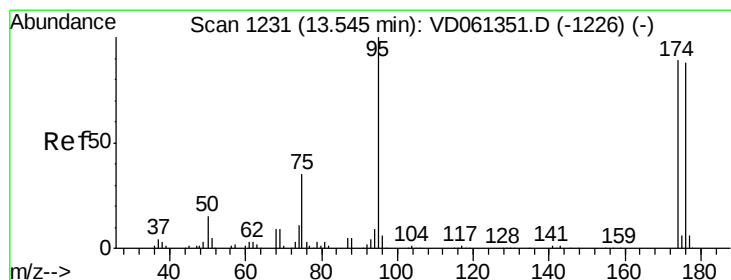
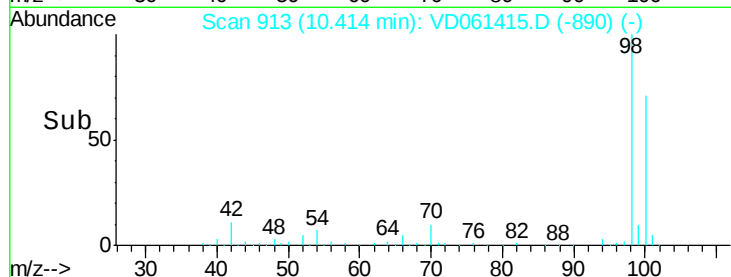
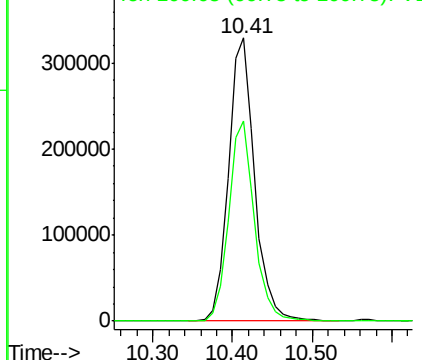
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061415.D
Acq: 29 Mar 2019 4:47

Instrument :
MSVOA_D
ClientSampled :
TP-7

Tot Ion: 98 Resp: 751991
Ion Ratio Lower Upper
98 100
100 70.9 56.2 84.2

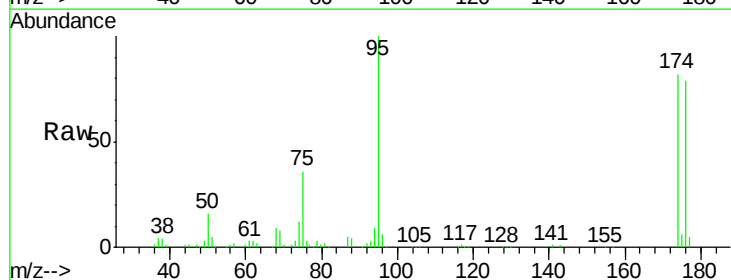


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

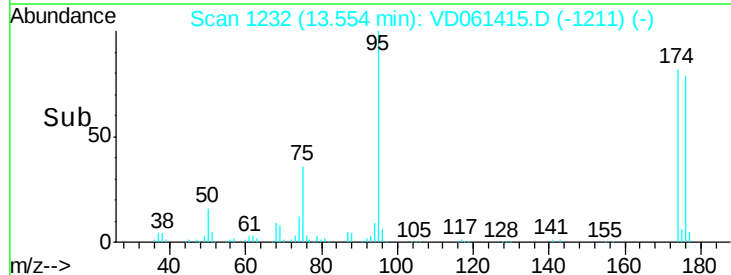
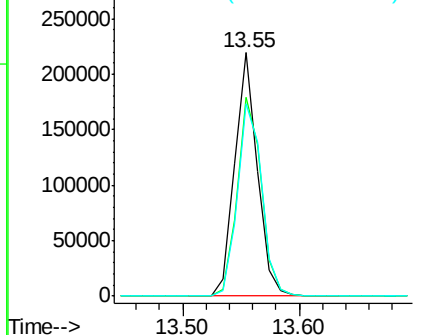


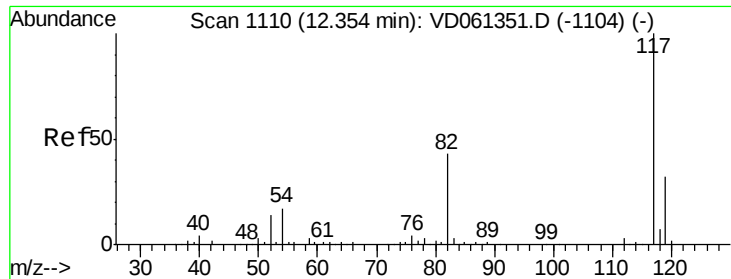
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061415.D
Acq: 29 Mar 2019 4:47

Tgt Ion: 95 Resp: 294174
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.0
176 78.9 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

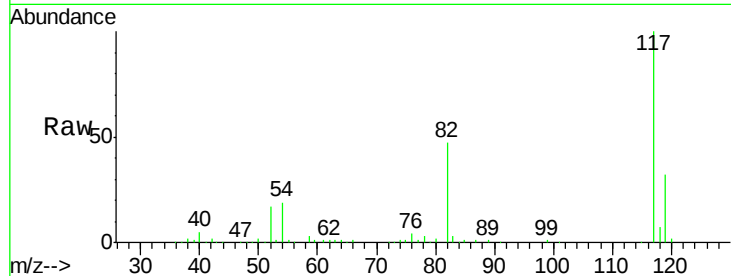




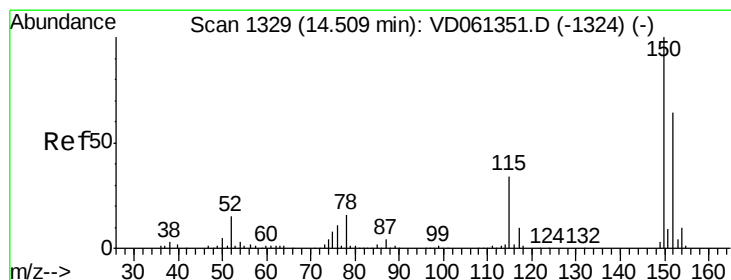
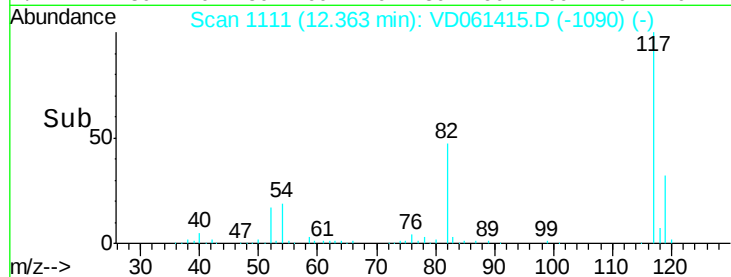
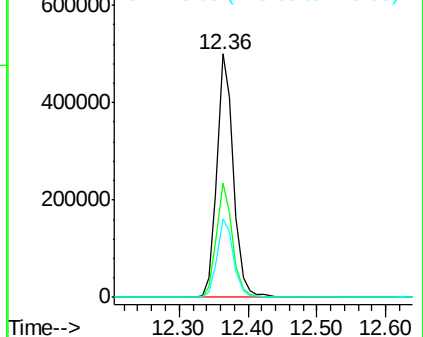
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Tot Ion:117 Resp: 829777
 Ion Ratio Lower Upper
 117 100
 82 46.9 34.4 51.6
 119 32.5 25.8 38.6

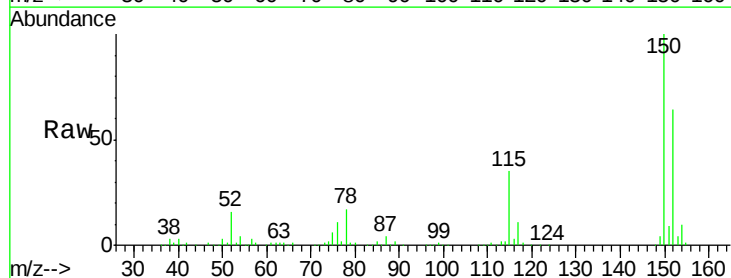


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

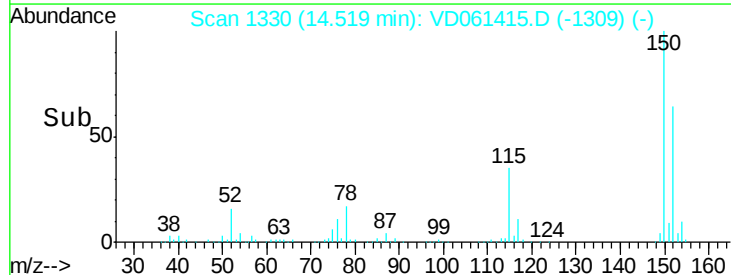
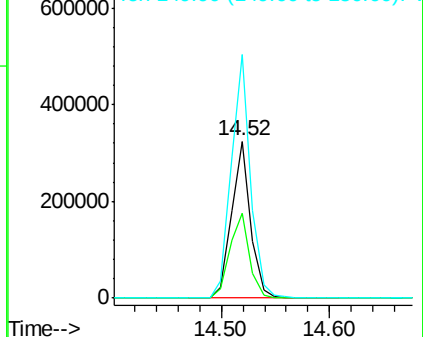


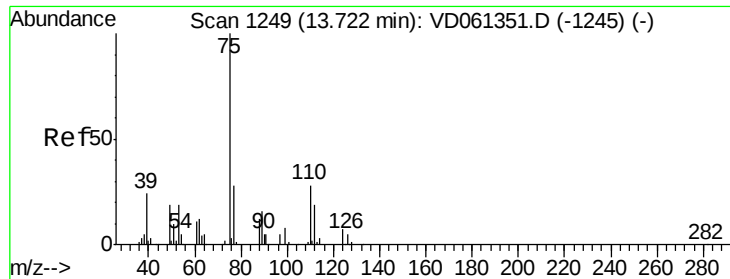
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

Tgt Ion:152 Resp: 393706
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.9 80.6
 150 155.5 0.0 318.0



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

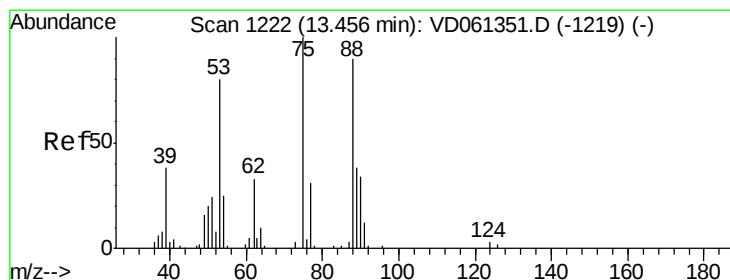
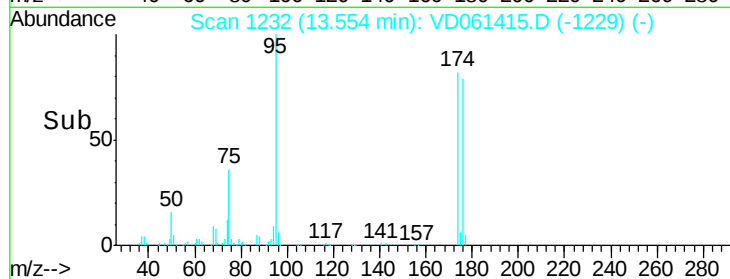
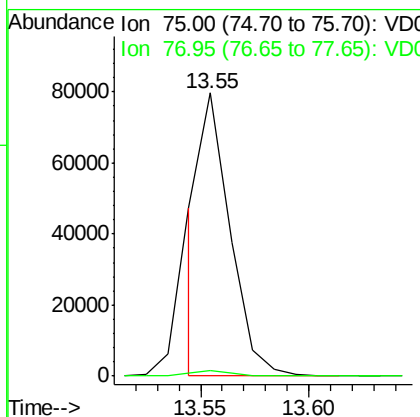
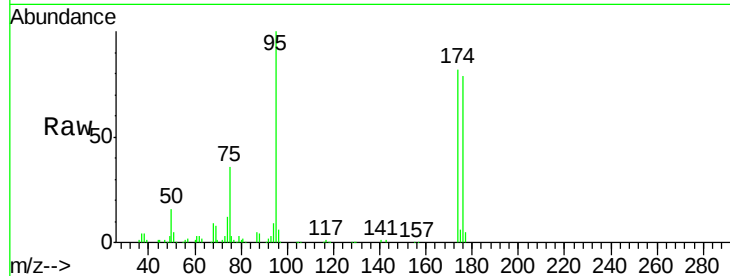




#76
 1,2,3-Trichloropropane
 Concen: 13.226 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Tot Ion: 75 Resp: 75220
 Ion Ratio Lower Upper
 75 100
 77 1.9 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.825 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.10 min
 Lab File: VD061415.D
 Acq: 29 Mar 2019 4:47

Tgt Ion: 75 Resp: 107207
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

