

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
 Data File : VD060025.D
 Acq On : 17 Sep 2018 17:02
 Operator : JC/SY
 Sample : J4773-07RE
 Misc : 6.52g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-DRE

Quant Time: Sep 18 04:40:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1227844	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.44	114	1728085	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1339626	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	571500	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	505972	52.84	ug/l	0.02
Spiked Amount			Recovery	=	105.68%	
35) Dibromofluoromethane	6.32	113	611665	45.31	ug/l	0.02
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	9.45	98	1522566	40.69	ug/l	0.02
Spiked Amount			Recovery	=	81.38%	
62) 4-Bromofluorobenzene	12.43	95	562054	39.32	ug/l	0.02
Spiked Amount			Recovery	=	78.64%	

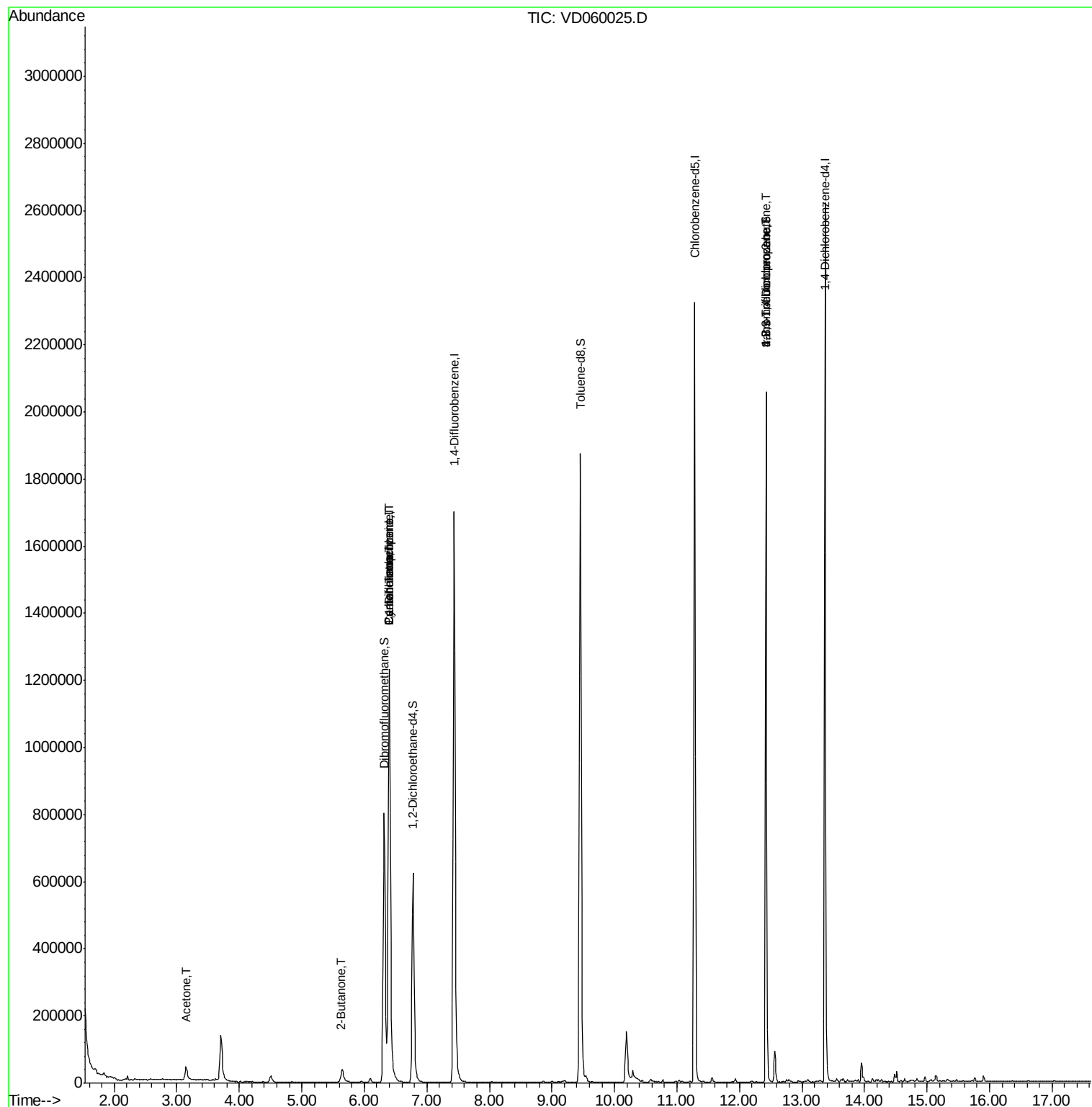
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.15	43	77994	42.189	ug/l	100
20) Methylene Chloride	3.71	84	84461	Below Cal		99
25) 2-Butanone	5.62	43	9769	1.958	ug/l #	91
31) Cyclohexane	6.39	56	24722	1.163	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	89056	5.188	ug/l #	46
38) Carbon Tetrachloride	6.39	117	96537	6.024	ug/l #	15
51) 4-Methyl-2-Pentanone	9.33	43	1742	Below Cal	#	42
59) 2-Hexanone	10.44	43	4105	Below Cal	#	30
76) 1,2,3-Trichloropropane	12.43	75	216391	24.792	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	230787	87.592	ug/l #	15
89) n-Butylbenzene	13.65	91	1999	Below Cal	#	60
91) 1,2-Dichlorobenzene	13.66	146	535	Below Cal	#	63

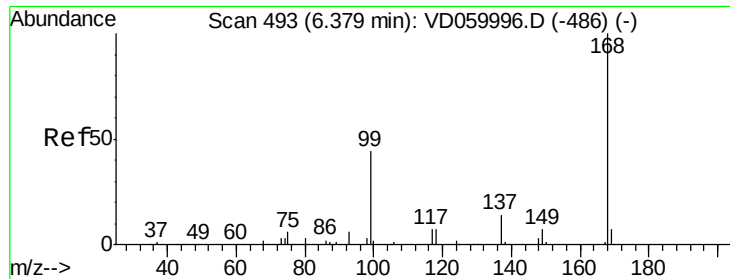
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.03 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

MSVOA_D

ClientSampleId :

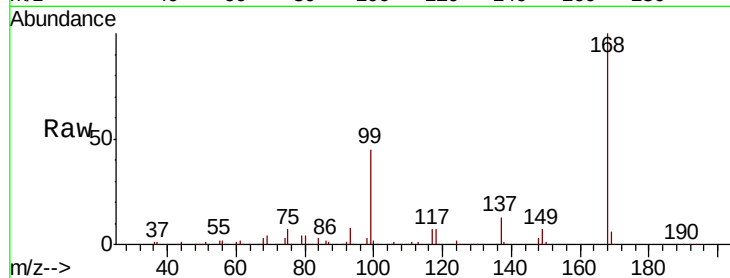
CL-01-091418-DRE

Tgt Ion:168 Resp: 1227844

Ion Ratio Lower Upper

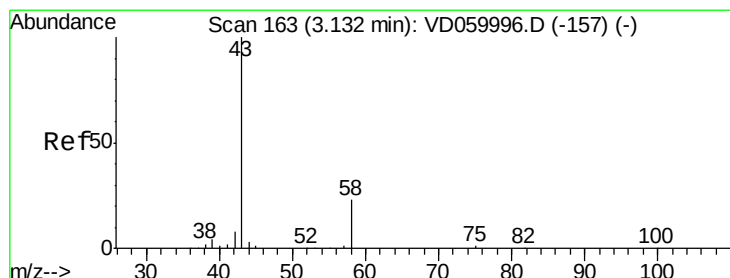
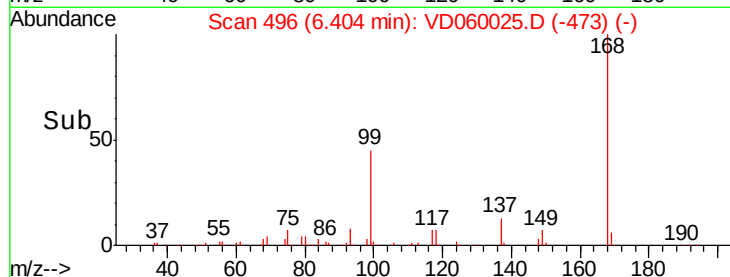
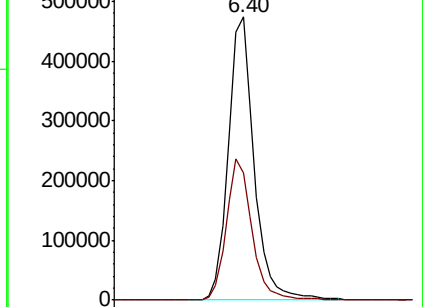
168 100

99 44.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 42.189 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060025.D

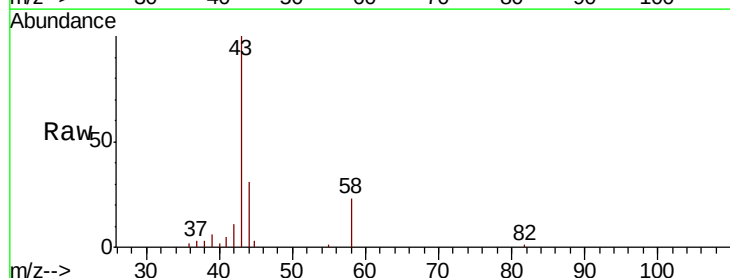
Acq: 17 Sep 2018 17:02

Tgt Ion: 43 Resp: 77994

Ion Ratio Lower Upper

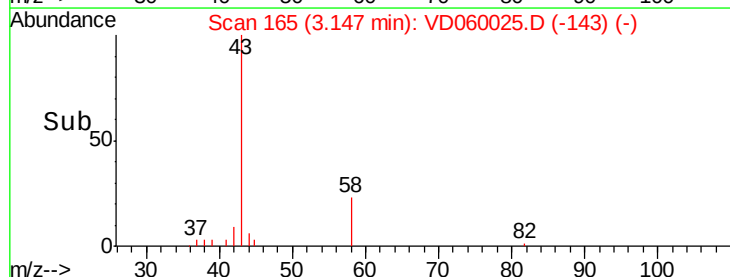
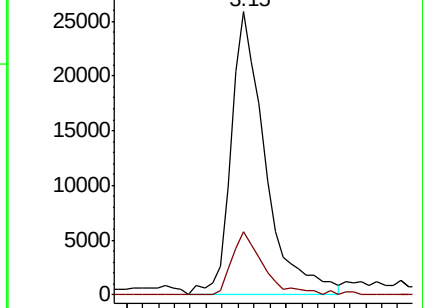
43 100

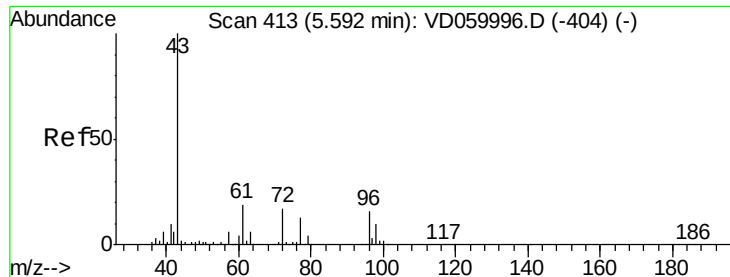
58 22.5 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 1.958 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.03 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

MSVOA_D

ClientSampleId :

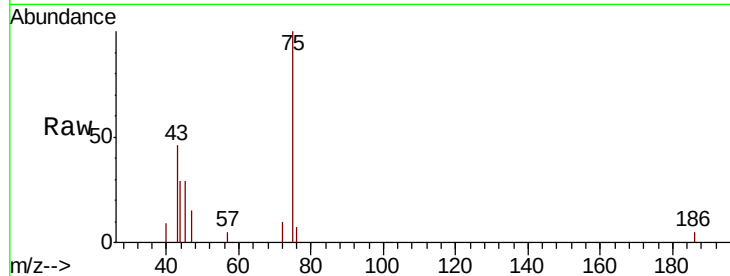
CL-01-091418-DRE

Tgt Ion: 43 Resp: 9769

Ion Ratio Lower Upper

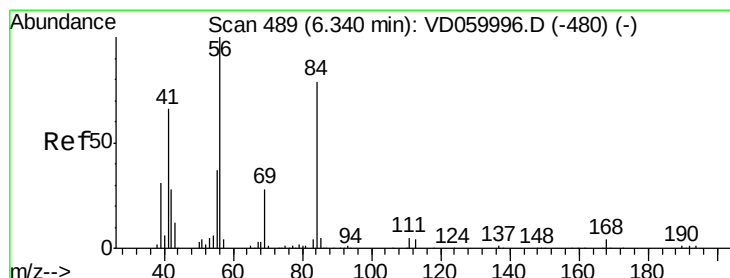
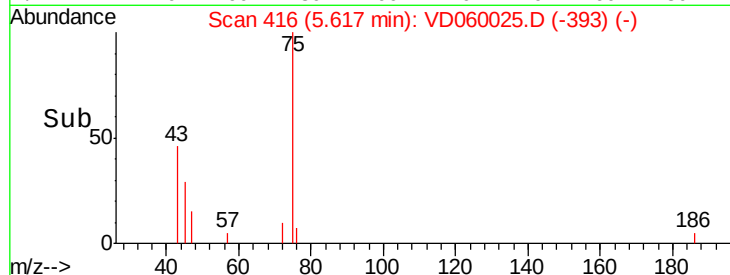
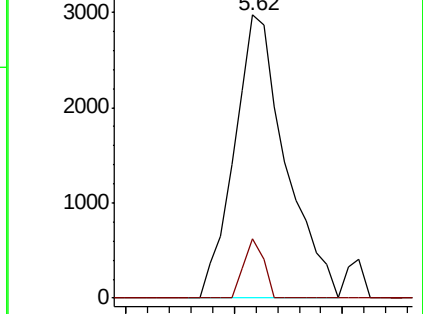
43 100

72 21.0 13.6 20.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.05 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

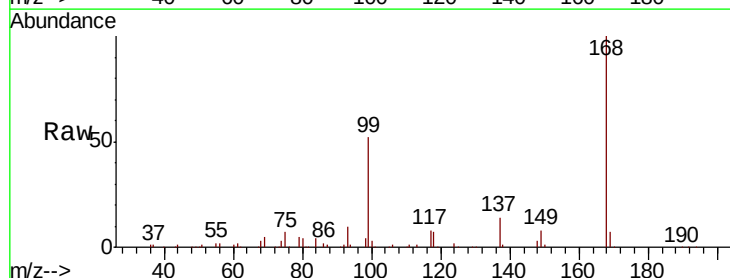
Tgt Ion: 56 Resp: 24722

Ion Ratio Lower Upper

56 100

69 233.1 22.7 34.1#

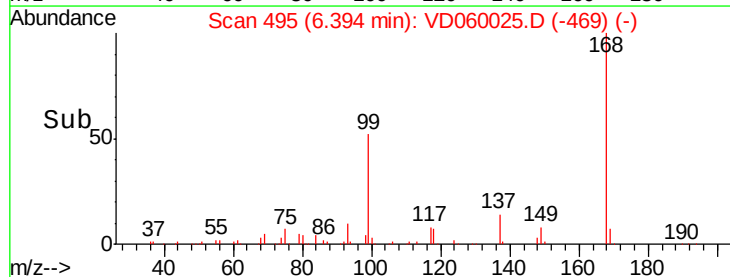
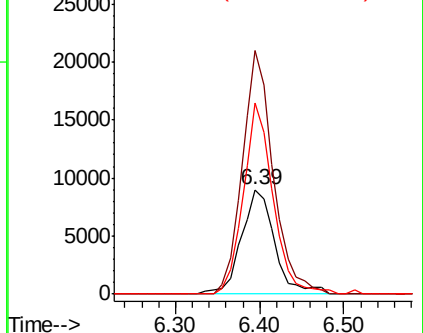
84 182.8 64.0 96.0#

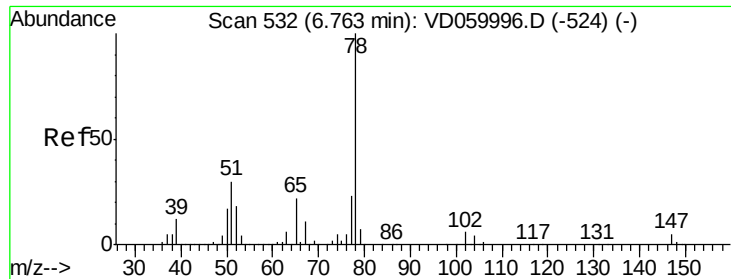


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

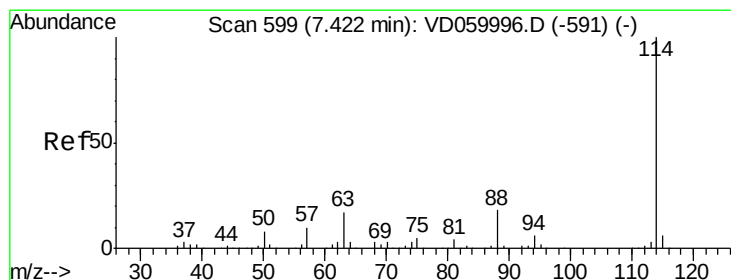
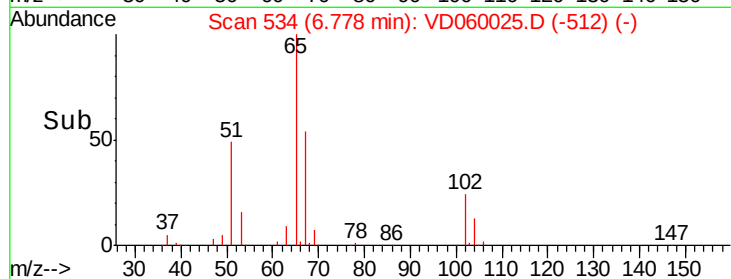
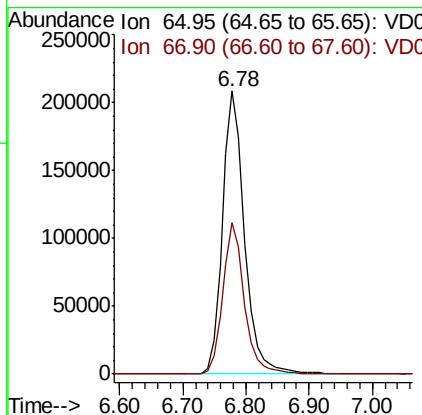
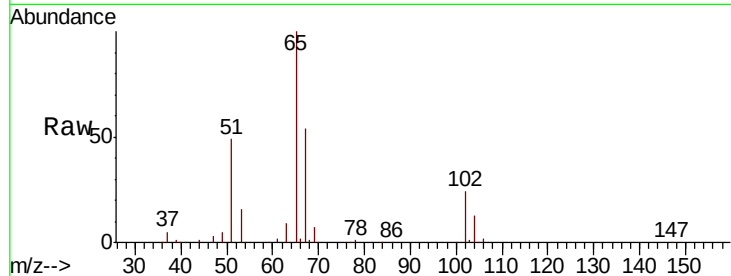




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

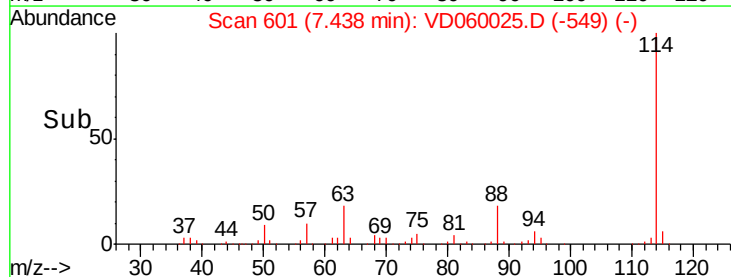
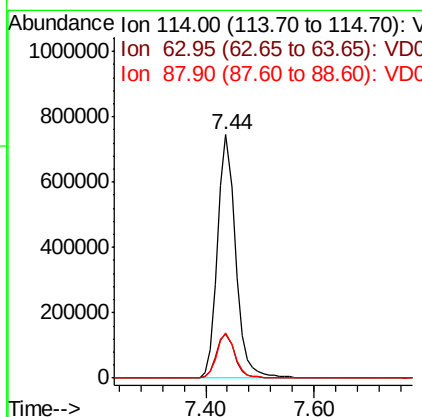
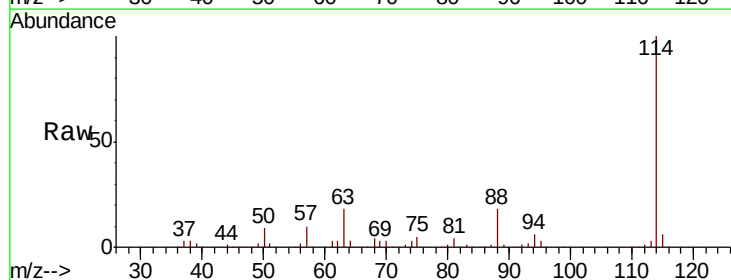
Instrument :
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 CL-01-091418-DRE

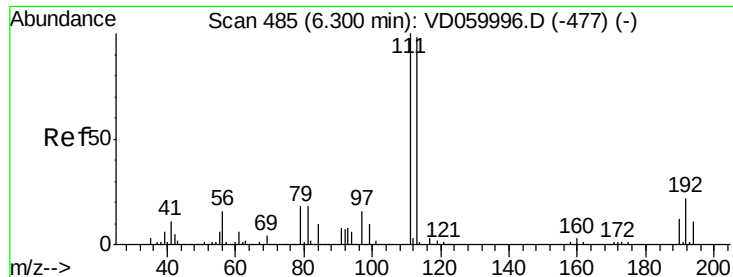
Tgt Ion: 65 Resp: 505972
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

Tgt Ion: 114 Resp: 1728085
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.4
 88 18.4 0.0 35.8

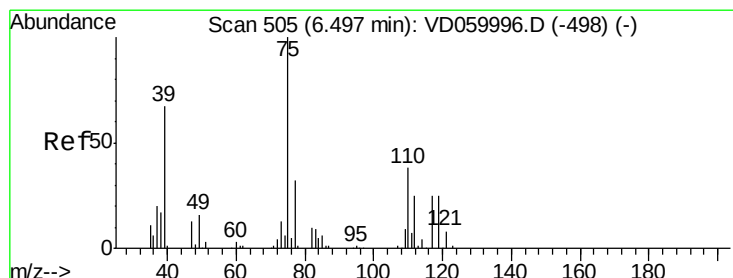
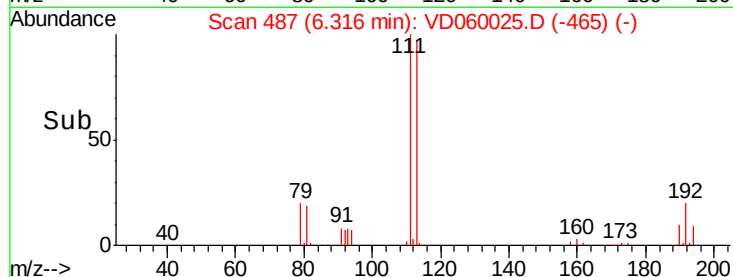
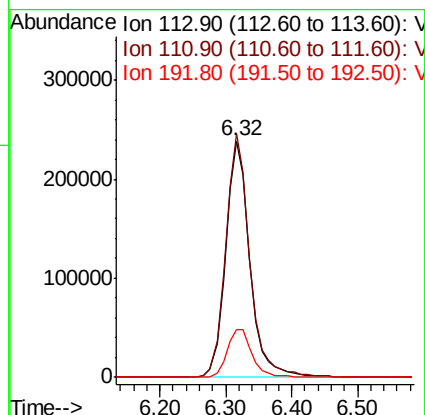
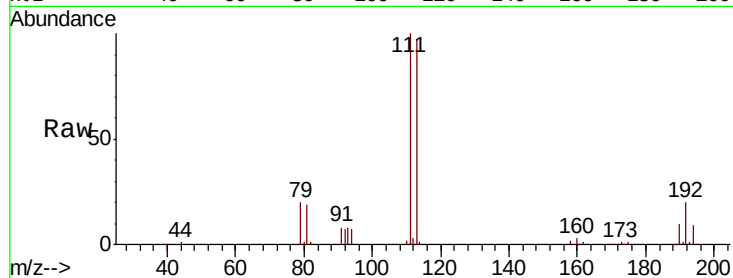




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

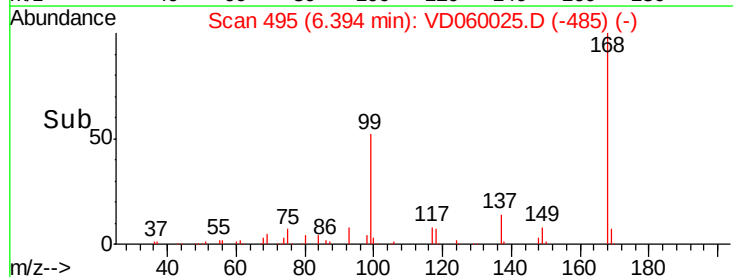
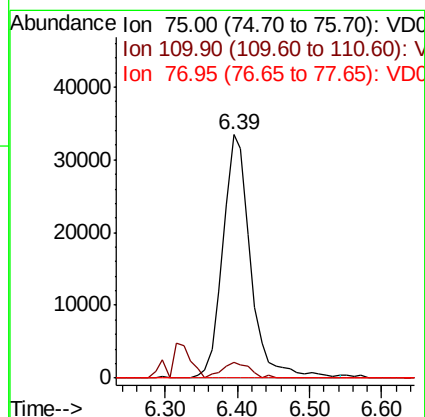
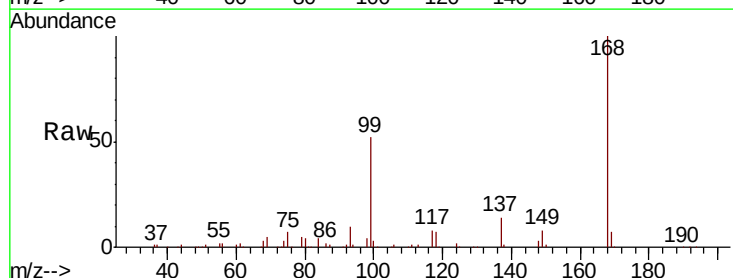
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-DRE

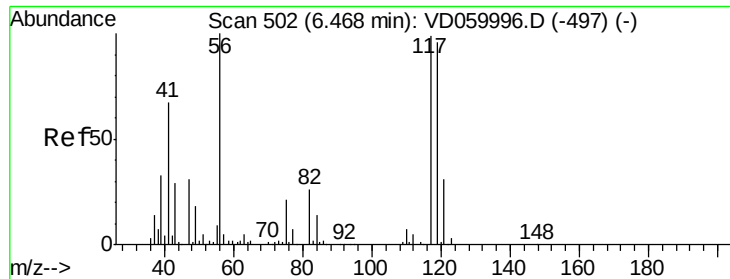
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	20.4	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 5.188 ug/l
 RT: 6.39 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.4	18.9	56.9#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 6.024 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.07 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

MSVOA_D

ClientSampleId :

CL-01-091418-DRE

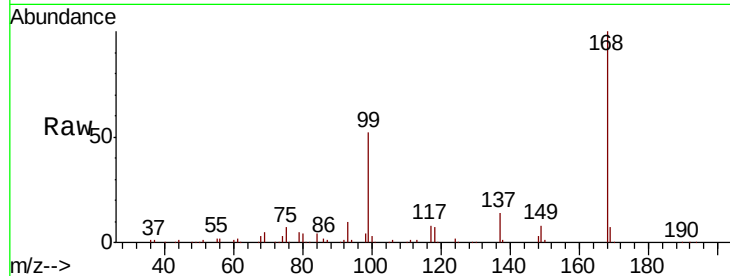
Tgt Ion:117 Resp: 96537

Ion Ratio Lower Upper

117 100

119 4.4 76.7 115.1#

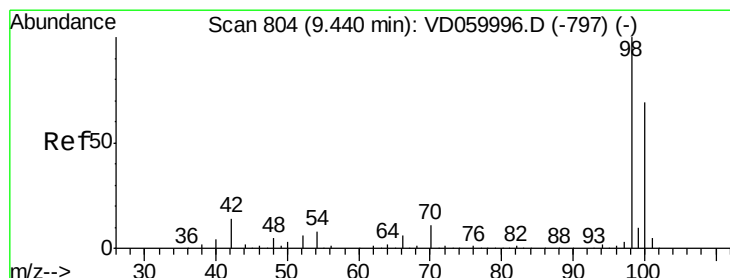
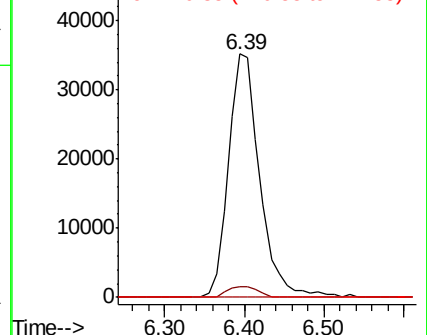
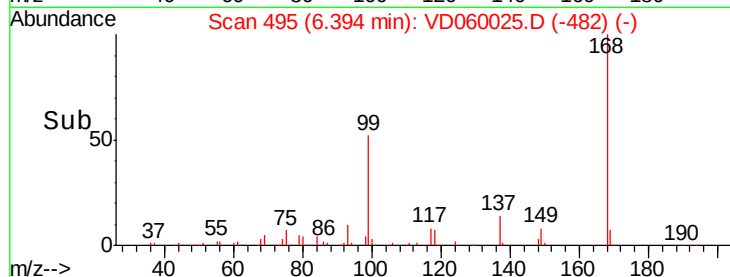
121 0.0 24.9 37.3#



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: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060025.D

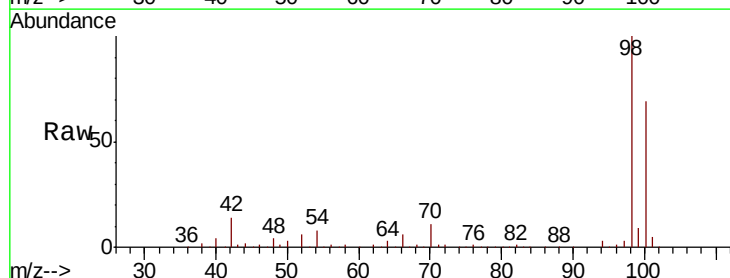
Acq: 17 Sep 2018 17:02

Tgt Ion: 98 Resp: 1522566

Ion Ratio Lower Upper

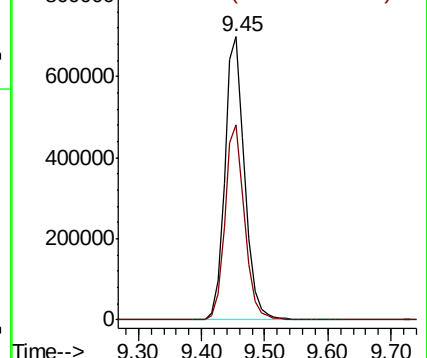
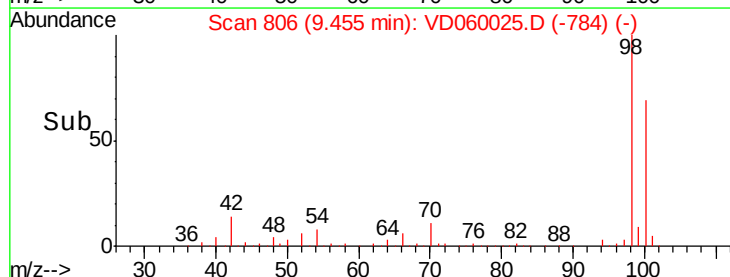
98 100

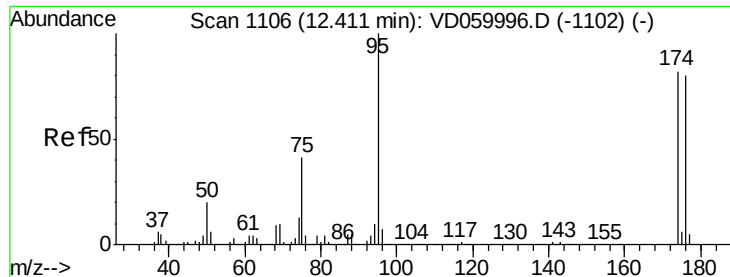
100 68.7 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

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CL-01-091418-DRE

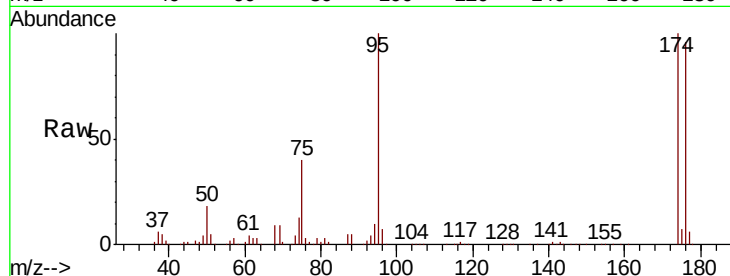
Tgt Ion: 95 Resp: 562054

Ion Ratio Lower Upper

95 100

174 100.3 0.0 165.0

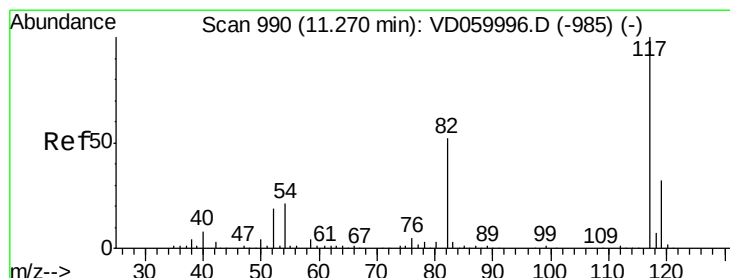
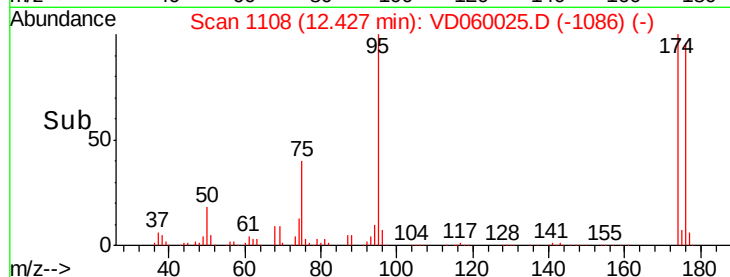
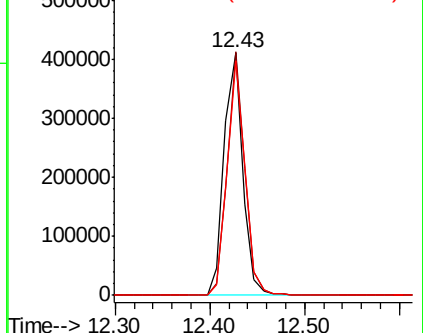
176 96.6 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

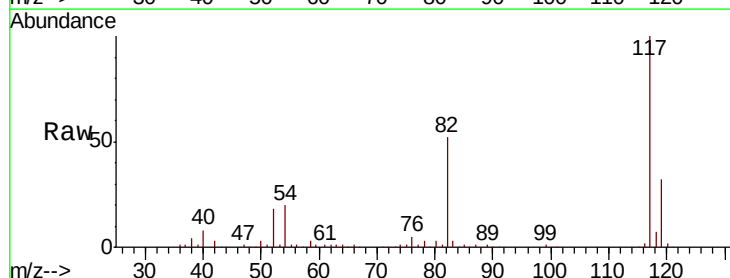
Tgt Ion: 117 Resp: 1339626

Ion Ratio Lower Upper

117 100

82 51.8 41.7 62.5

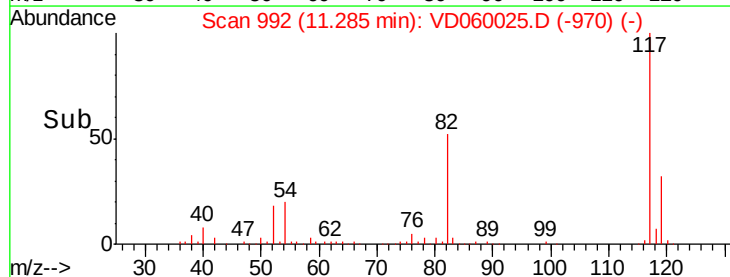
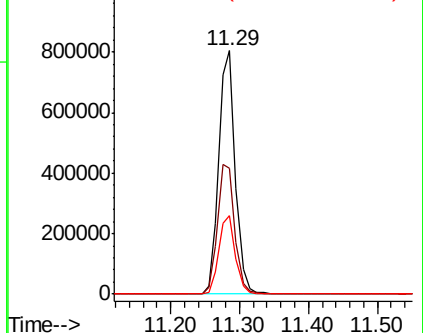
119 32.3 26.0 39.0

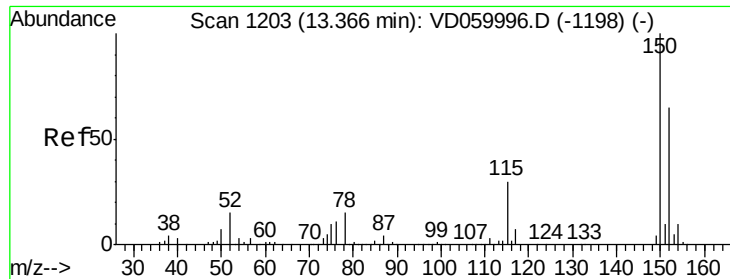


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

MSVOA_D

ClientSampleId :

CL-01-091418-DRE

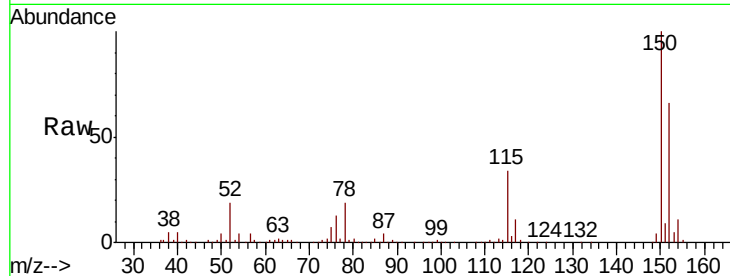
Tgt Ion:152 Resp: 571500

Ion Ratio Lower Upper

152 100

115 51.7 24.6 73.8

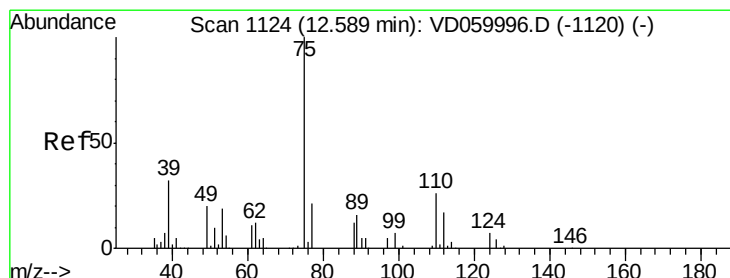
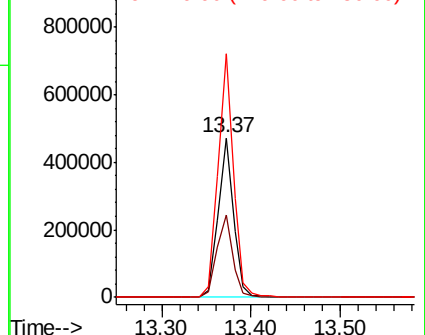
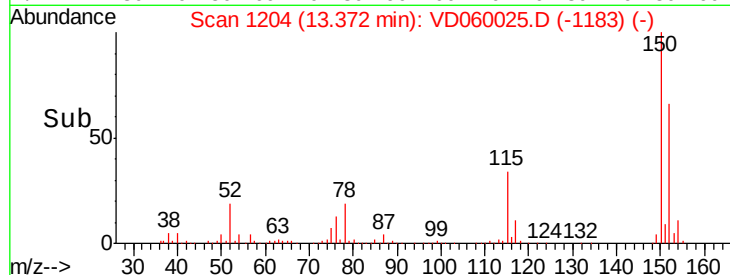
150 152.5 0.0 313.4



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: 24.792 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.16 min

Lab File: VD060025.D

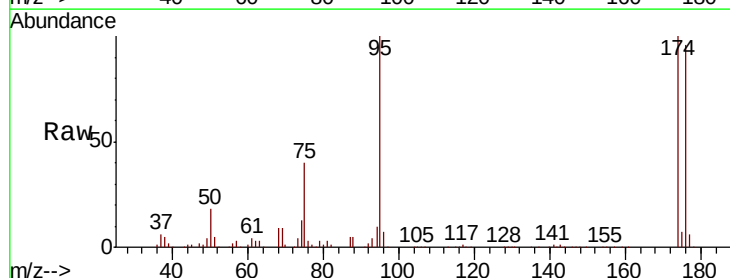
Acq: 17 Sep 2018 17:02

Tgt Ion: 75 Resp: 216391

Ion Ratio Lower Upper

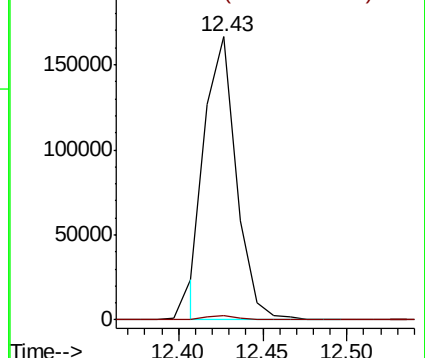
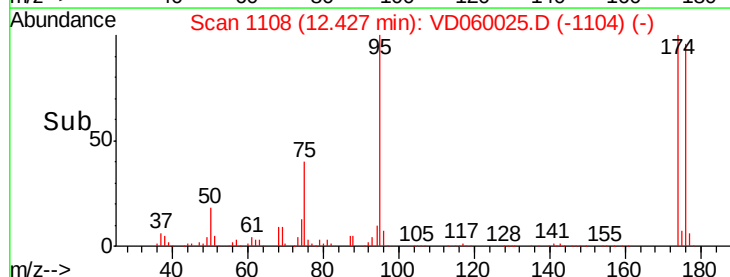
75 100

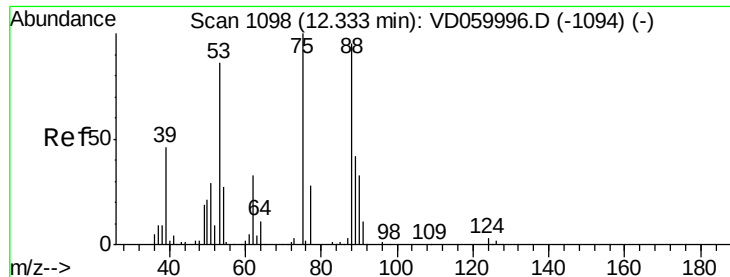
77 1.5 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 87.592 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.09 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

MSVOA_D

ClientSampleId :

CL-01-091418-DRE

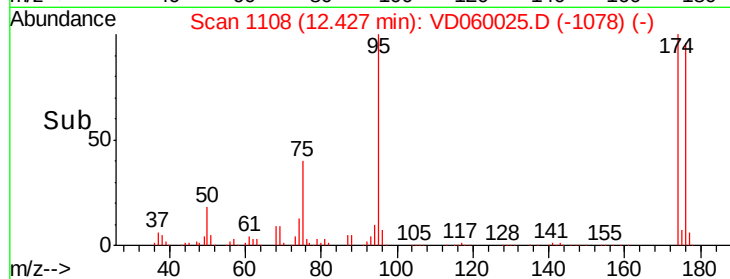
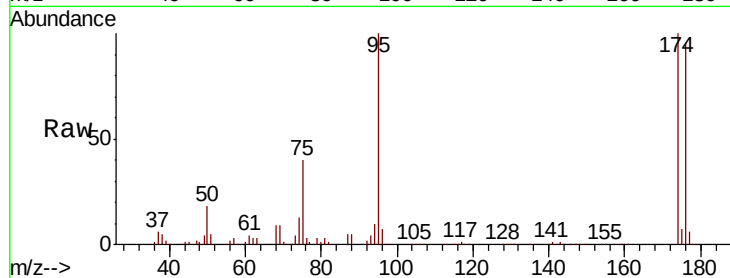
Tgt Ion: 75 Resp: 230787

Ion Ratio Lower Upper

75 100

53 0.0 68.4 102.6#

89 0.0 33.8 50.6#



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

