

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112918\
 Data File : VD060459.D
 Acq On : 29 Nov 2018 11:00
 Operator : VA/AP
 Sample : VD1129SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1129SBL01

Quant Time: Nov 30 04:52:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1471038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2000552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1616768	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	782293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	521308	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	
35) Dibromofluoromethane	6.34	113	760910	51.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.02%	
50) Toluene-d8	9.46	98	2135764	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.43	95	774654	48.96	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.92%	

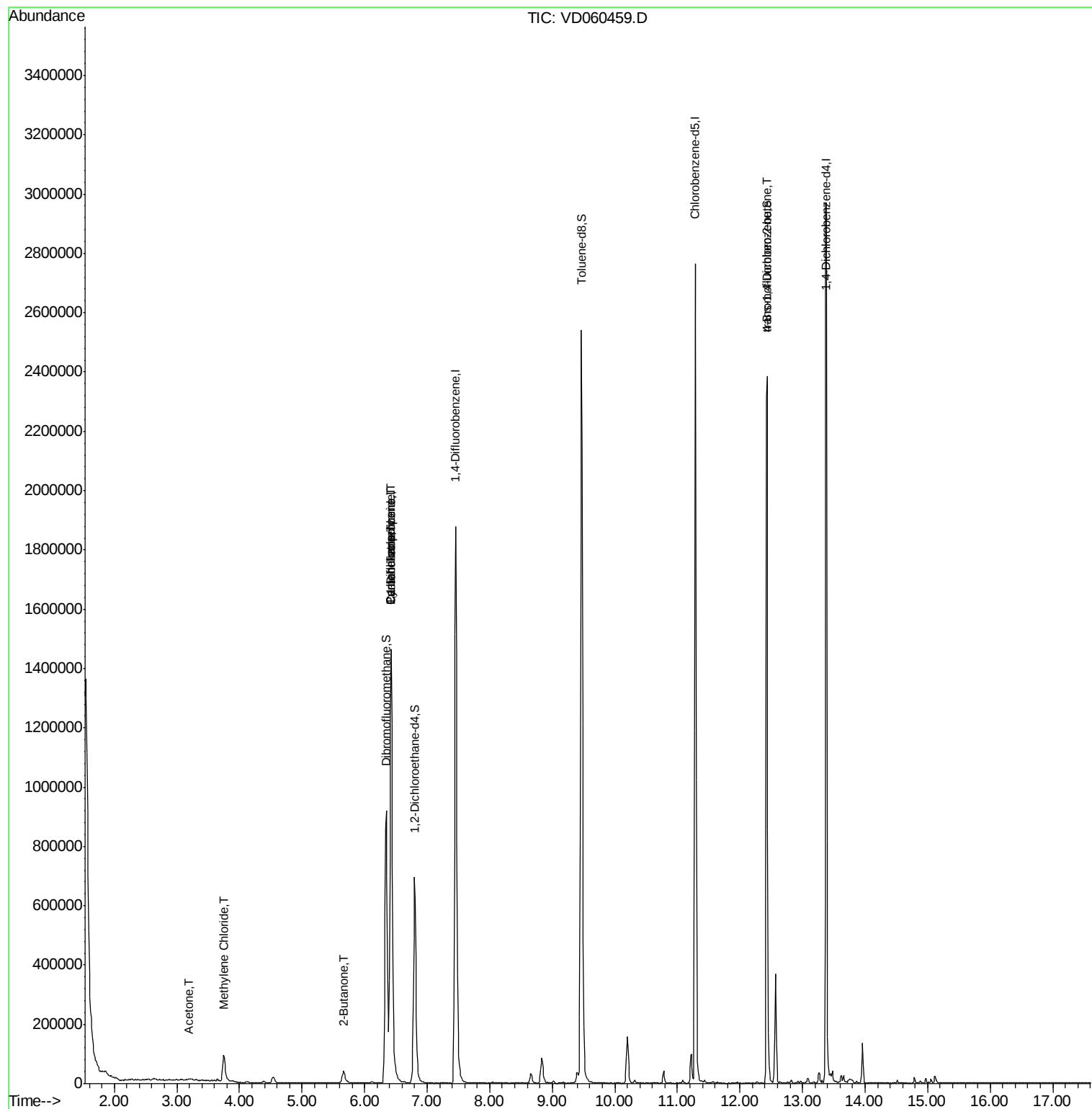
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	1934	Below Cal		96
16) Acetone	3.20	43	9320	5.101	ug/l #	83
20) Methylene Chloride	3.75	84	63343	3.908	ug/l	93
25) 2-Butanone	5.66	43	5091	1.341	ug/l #	60
31) Cyclohexane	6.41	56	28862	1.148	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	95068	4.810	ug/l #	47
38) Carbon Tetrachloride	6.42	117	115447	6.297	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.43	75	306365	114.992	ug/l #	15
89) n-Butylbenzene	13.66	91	4294	Below Cal		88

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

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Acq On : 29 Nov 2018 11:00
Operator : VA/AP
Sample : VD1129SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1129SBL01

Quant Time: Nov 30 04:52:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

Instrument :

MSVOA_D

ClientSampleId :

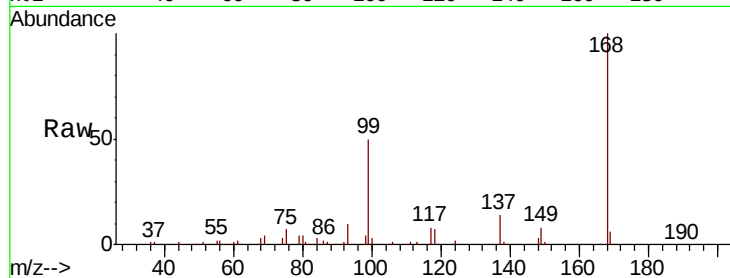
VD1129SBL01

Tot Ion:168 Resp: 1471038

Ion Ratio Lower Upper

168 100

99 49.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

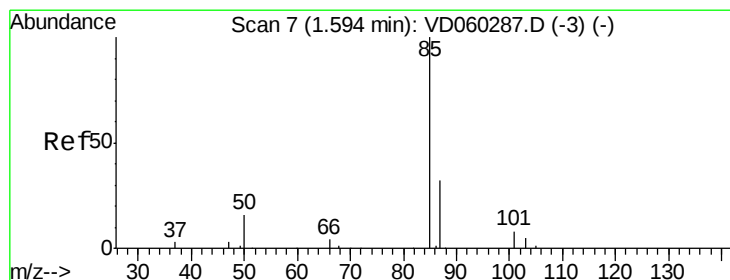
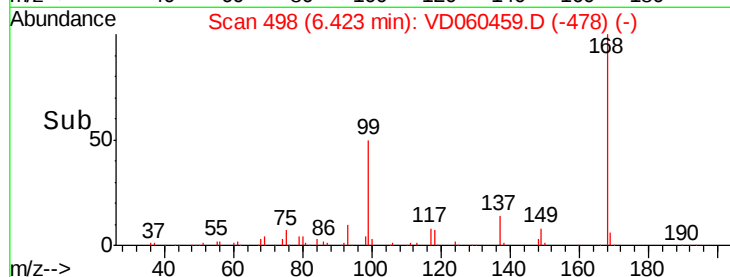
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.61 min Scan# 9

Delta R.T. 0.02 min

Lab File: VD060459.D

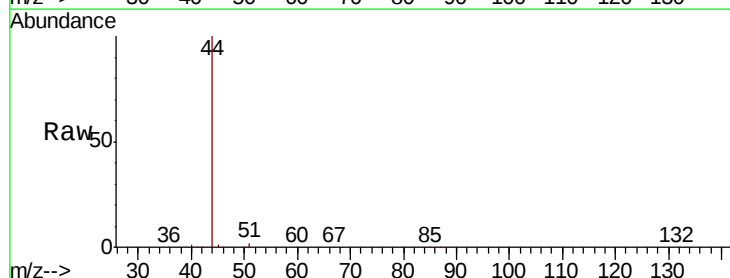
Acq: 29 Nov 2018 11:00

Tgt Ion: 85 Resp: 1934

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

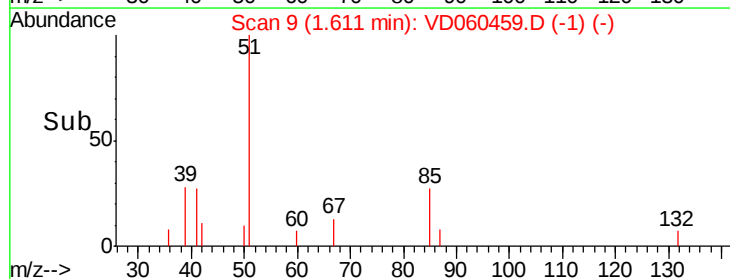
1.61

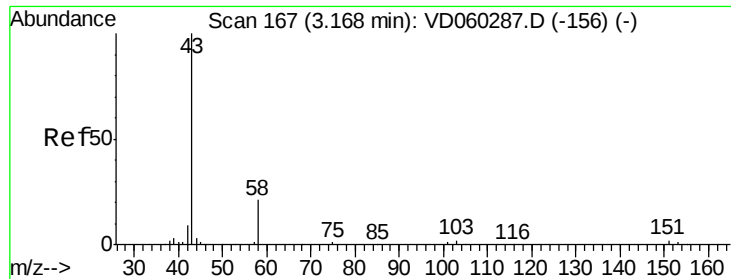
1000

500

0

Time-->





#16

Acetone

Concen: 5.101 ug/l

RT: 3.20 min Scan# 171

Delta R.T. 0.04 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

Instrument :

MSVOA_D

ClientSampleId :

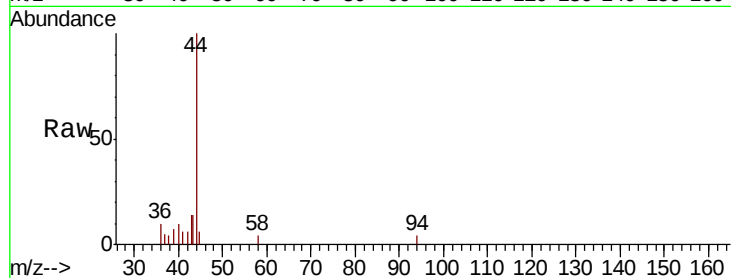
VD1129SBL01

Tot Ion: 43 Resp: 9320

Ion Ratio Lower Upper

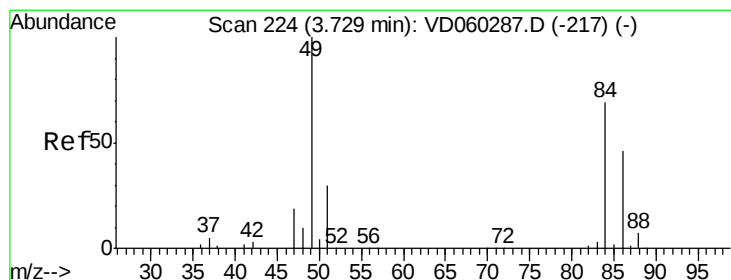
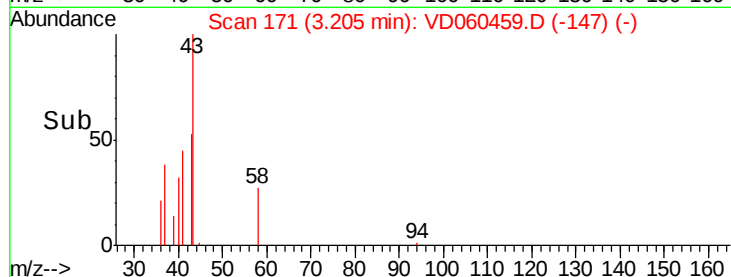
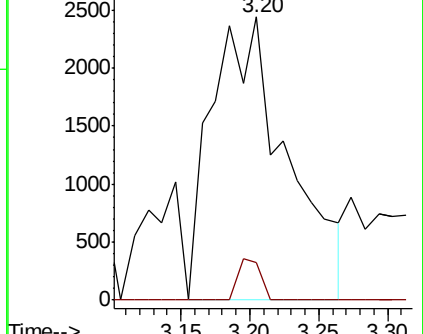
43 100

58 13.3 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 3.908 ug/l

RT: 3.75 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

Tgt Ion: 84 Resp: 63343

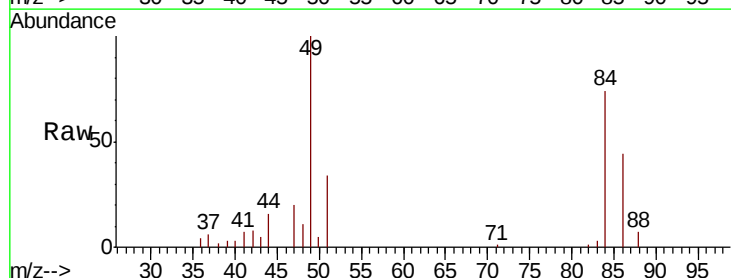
Ion Ratio Lower Upper

84 100

49 134.2 115.6 173.4

51 45.3 35.6 53.4

86 59.0 52.3 78.5

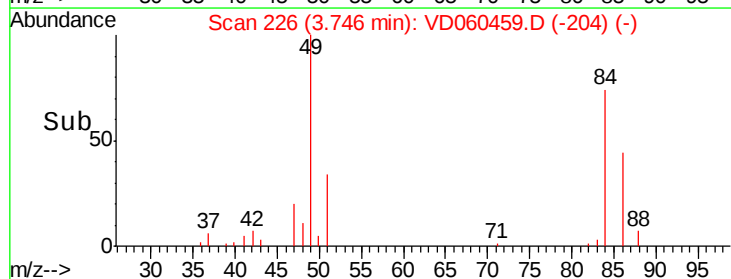
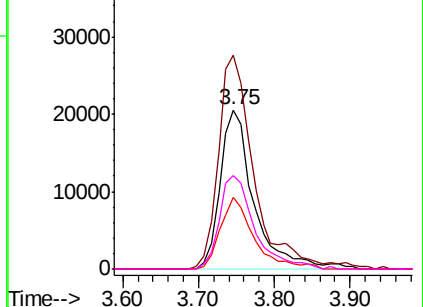


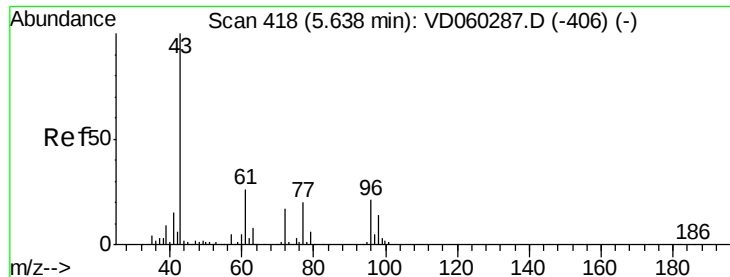
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 1.341 ug/l

RT: 5.66 min Scan# 420

Delta R.T. 0.02 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

Instrument :

MSVOA_D

ClientSampleId :

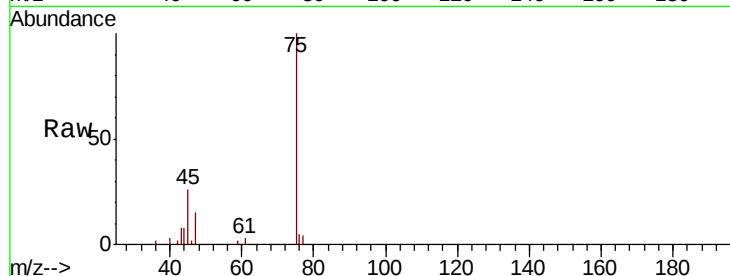
VD1129SBL01

Tot Ion: 43 Resp: 5091

Ion Ratio Lower Upper

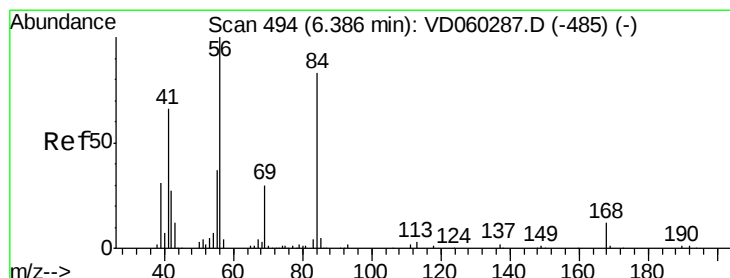
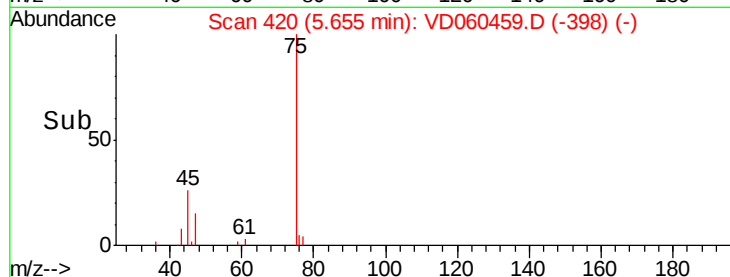
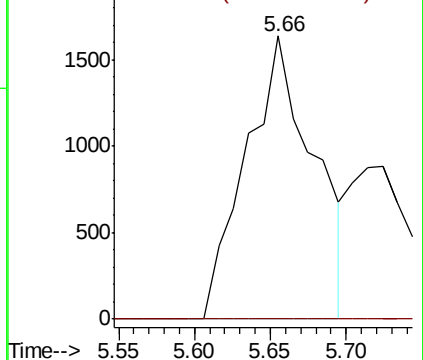
43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.148 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

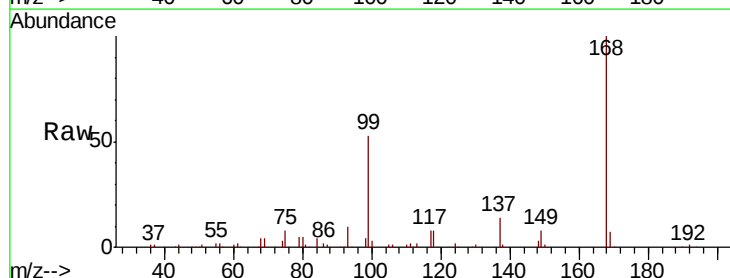
Tgt Ion: 56 Resp: 28862

Ion Ratio Lower Upper

56 100

69 206.2 22.2 33.2#

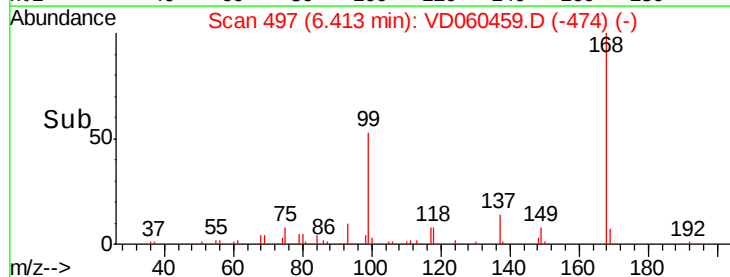
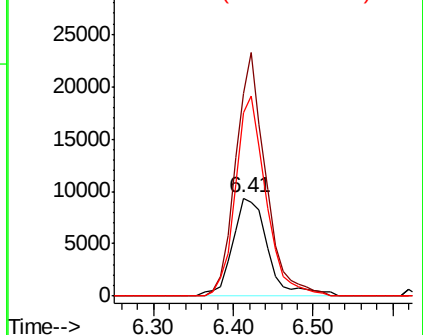
84 187.0 63.0 94.4#

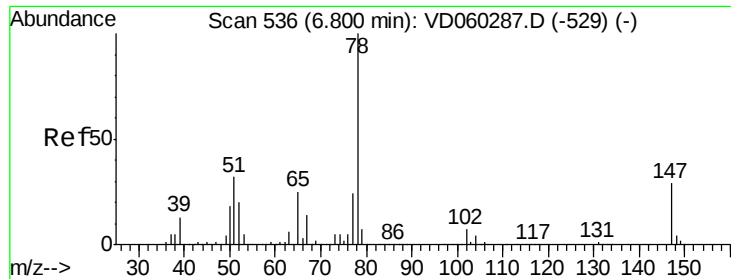


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

Instrument :

MSVOA_D

ClientSampleId :

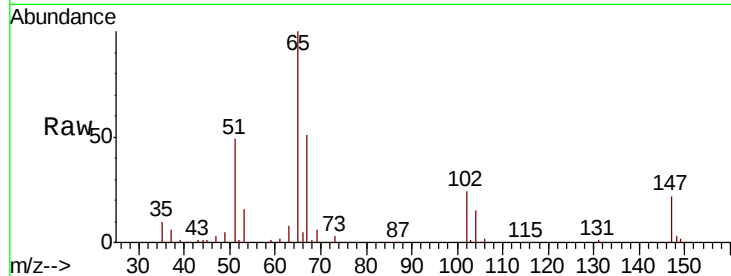
VD1129SBL01

Tot Ion: 65 Resp: 521308

Ion Ratio Lower Upper

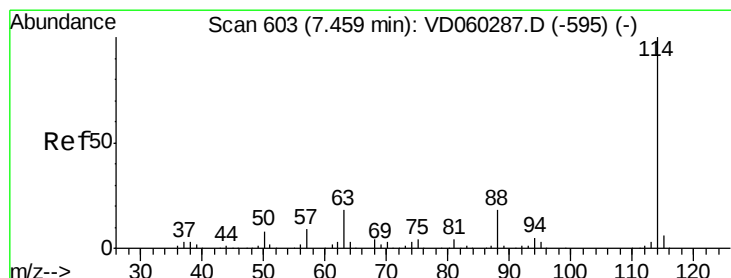
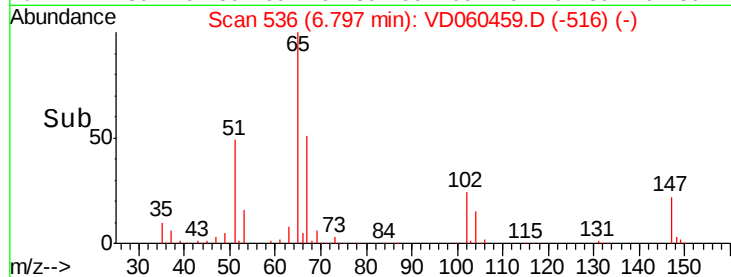
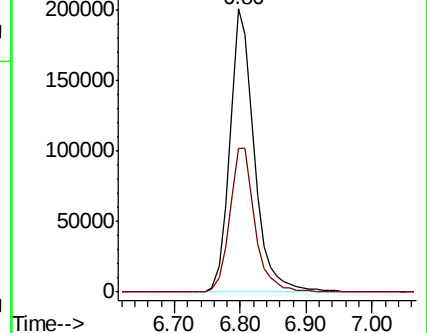
65 100

67 50.7 0.0 109.8



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: 7.46 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

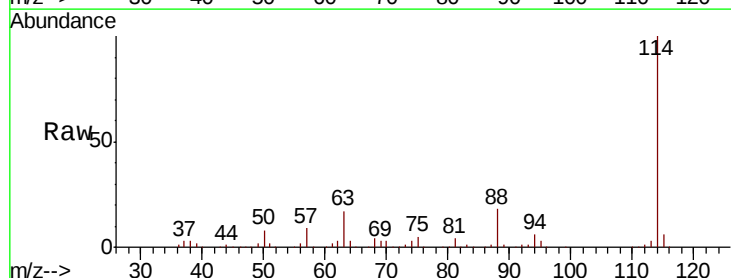
Tgt Ion:114 Resp: 2000552

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

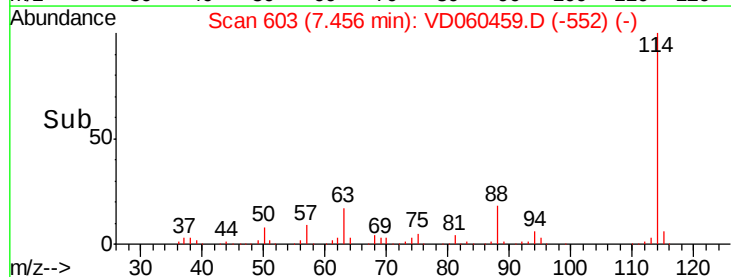
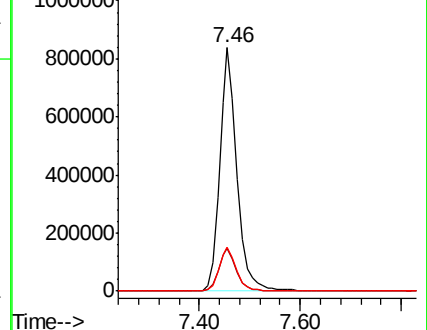
88 18.0 0.0 35.4

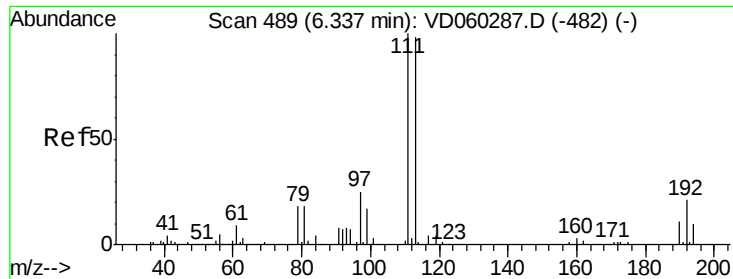


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

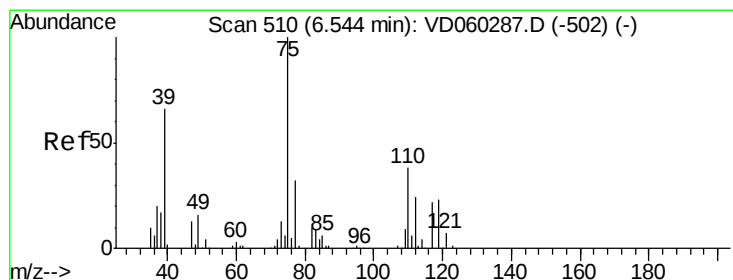
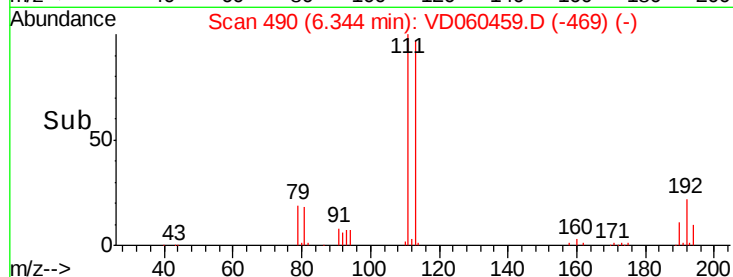
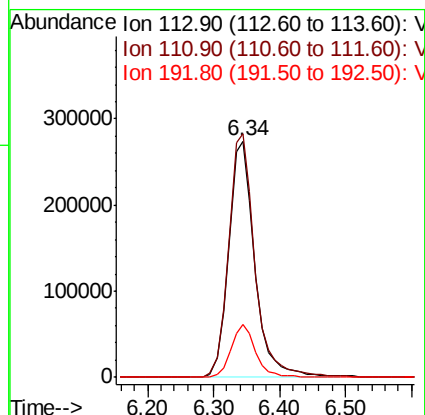
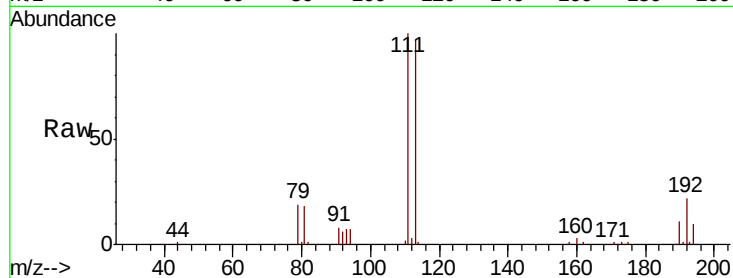




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060459.D
 Acq: 29 Nov 2018 11:00

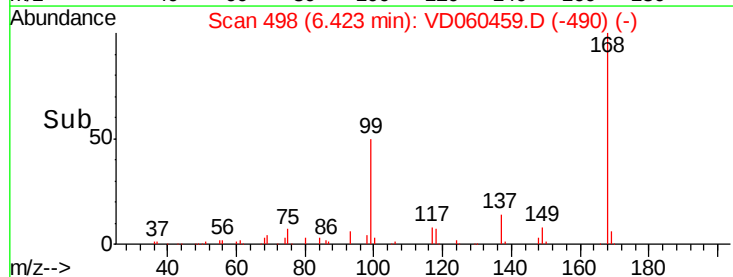
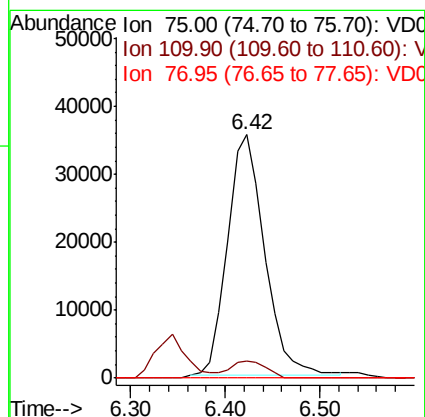
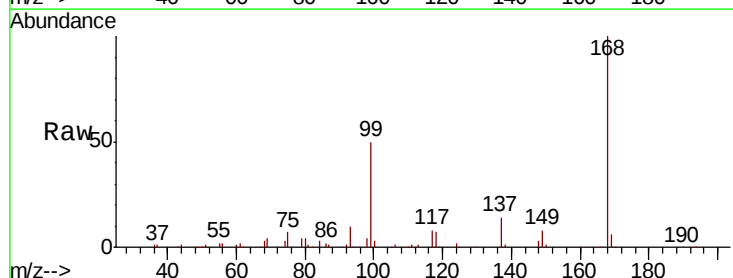
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1129SBL01

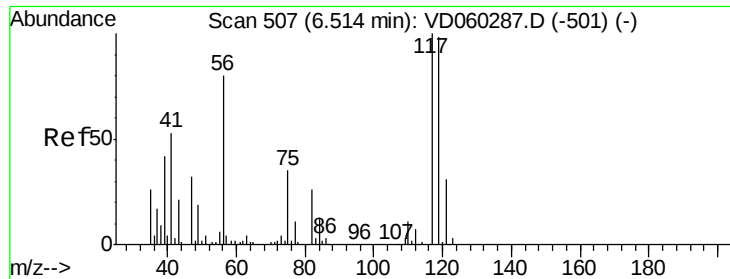
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	22.6	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 4.810 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.12 min
 Lab File: VD060459.D
 Acq: 29 Nov 2018 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.0	54.0#
77	0.0	25.6	38.4#

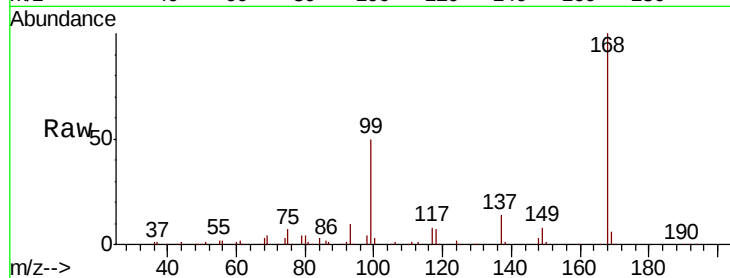




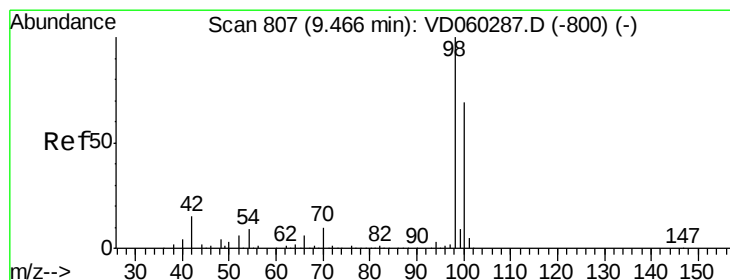
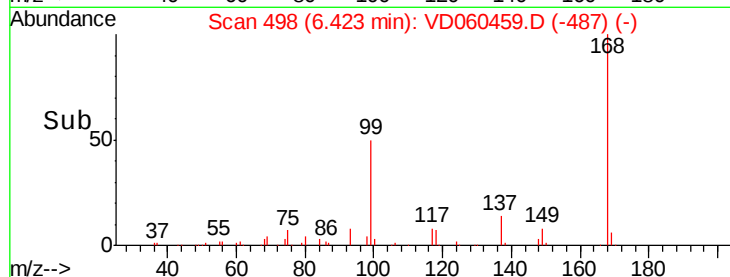
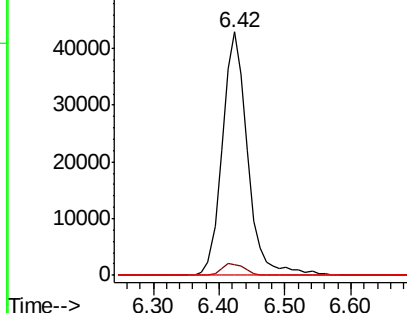
#38
Carbon Tetrachloride
Concen: 6.297 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.09 min
Lab File: VD060459.D
Acq: 29 Nov 2018 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1129SBL01

Tot Ion:117 Resp: 115447
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 24.3 36.5#

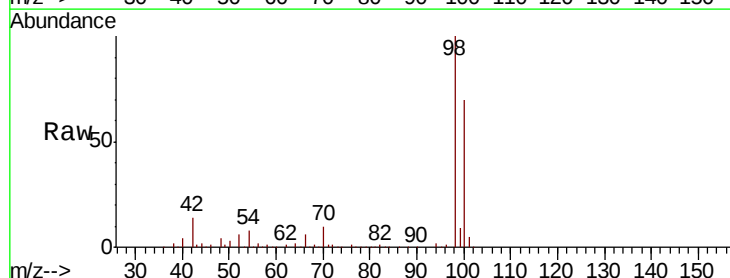


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

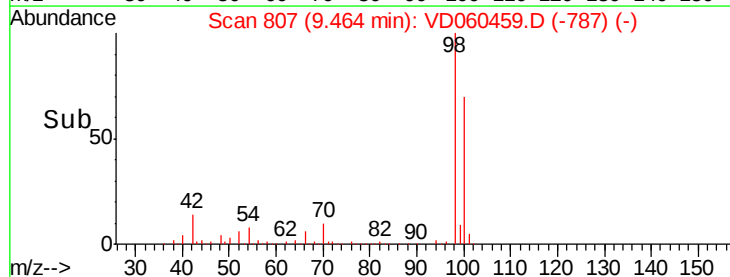
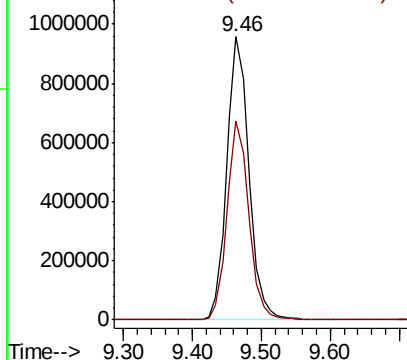


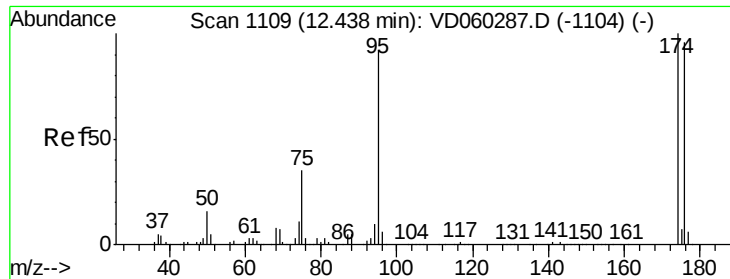
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060459.D
Acq: 29 Nov 2018 11:00

Tgt Ion: 98 Resp: 2135764
Ion Ratio Lower Upper
98 100
100 70.1 55.2 82.8



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

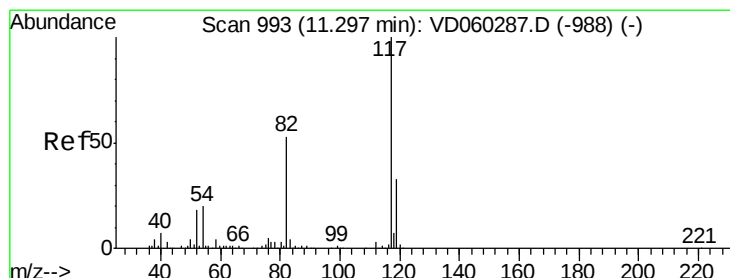
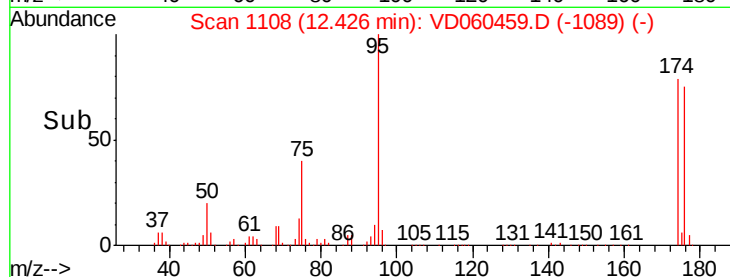
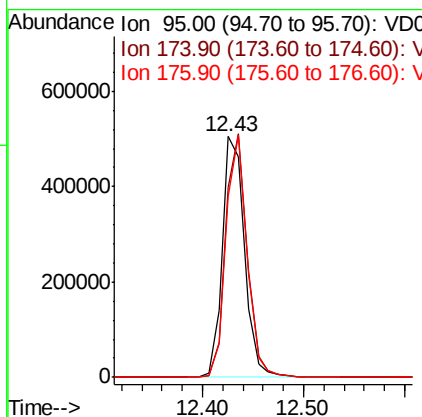
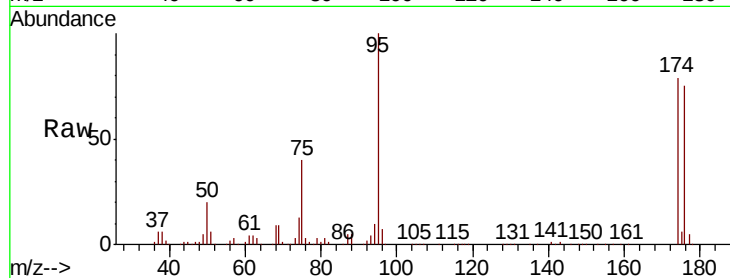




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060459.D
Acq: 29 Nov 2018 11:00

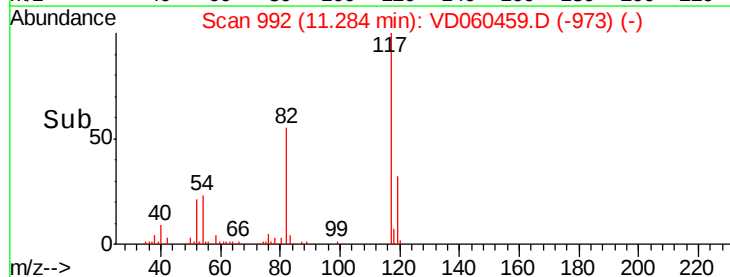
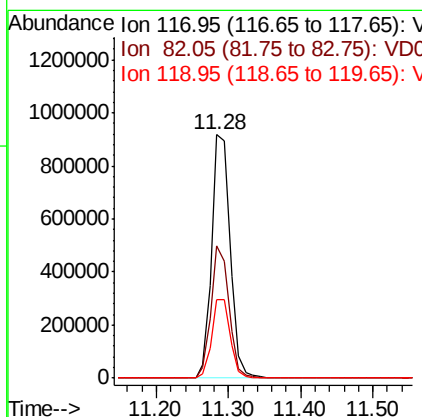
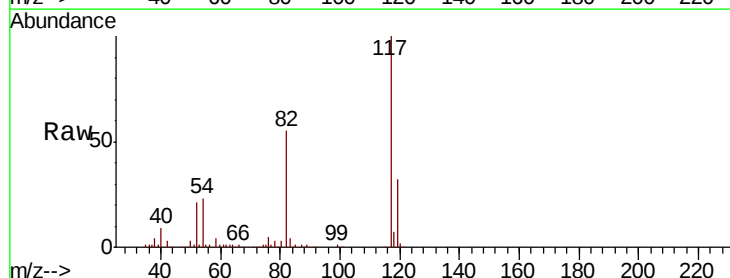
Instrument :
MSVOA_D
ClientSampleId :
VD1129SBL01

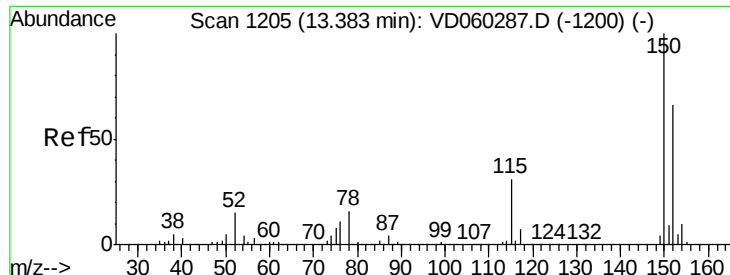
Tot Ion: 95 Resp: 774654
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.8
176 75.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060459.D
Acq: 29 Nov 2018 11:00

Tgt Ion: 117 Resp: 1616768
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

Instrument :

MSVOA_D

ClientSampleId :

VD1129SBL01

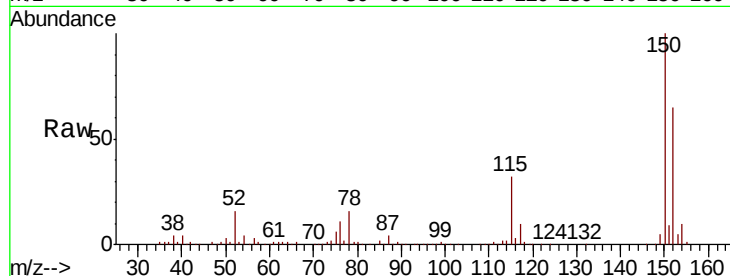
Tot Ion:152 Resp: 782293

Ion Ratio Lower Upper

152 100

115 48.2 24.1 72.3

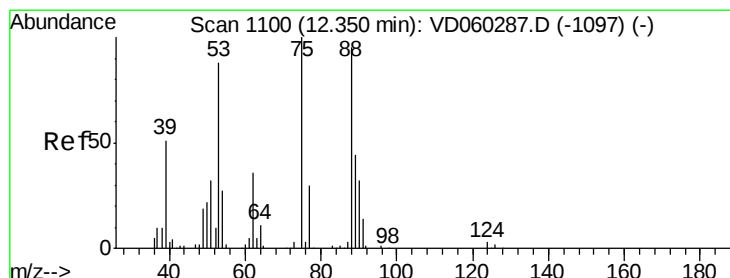
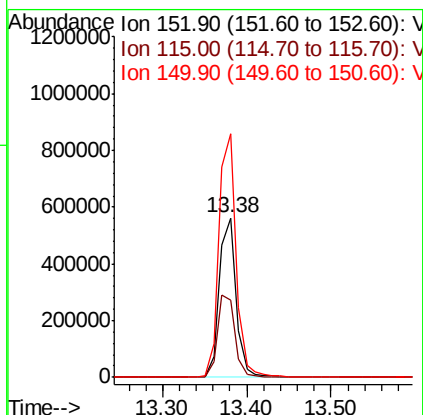
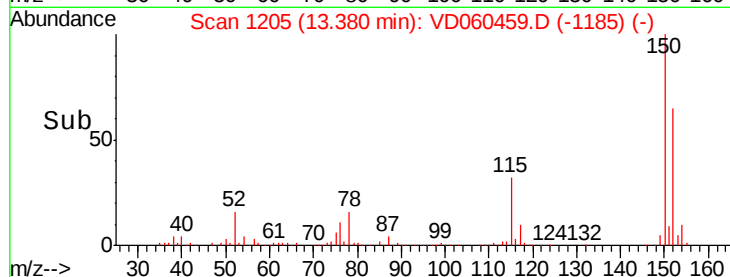
150 152.9 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 114.992 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060459.D

Acq: 29 Nov 2018 11:00

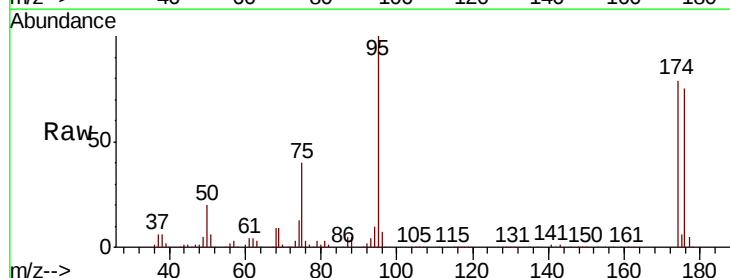
Tgt Ion: 75 Resp: 306365

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

