

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060600.D
 Acq On : 17 Dec 2018 15:34
 Operator : VA/AP
 Sample : J6397-05
 Misc : 4.37g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP01_121218

Quant Time: Dec 18 11:16:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1418238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2009705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1627444	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	833515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.81	65	509050	50.64	ug/l	0.01
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	6.34	113	692183	46.89	ug/l	0.01
Spiked Amount			Recovery	=	93.78%	
50) Toluene-d8	9.47	98	1958809	45.86	ug/l	0.01
Spiked Amount			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.44	95	714337	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	

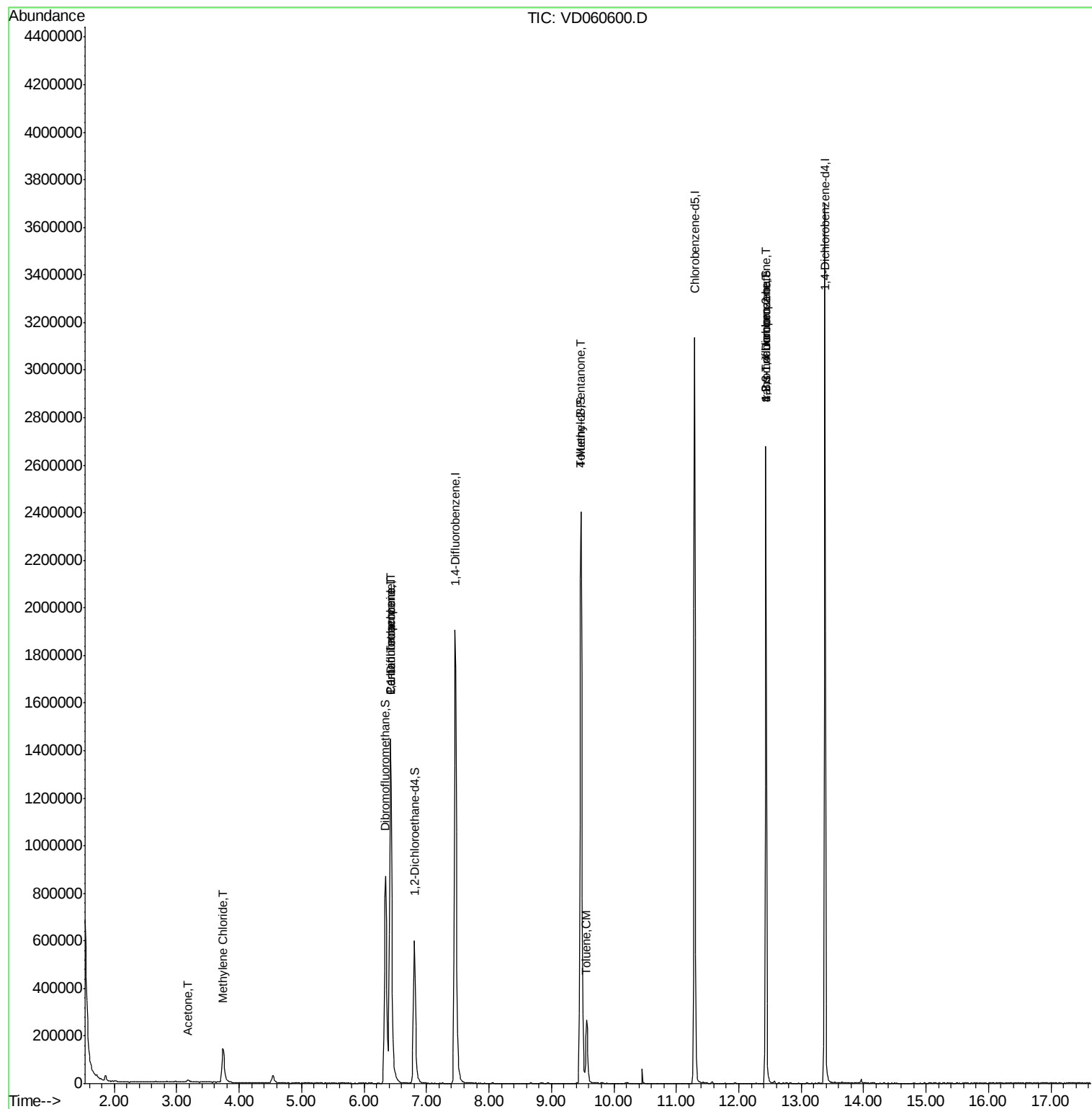
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	1734	Below Cal		93
16) Acetone	3.18	43	17356	10.771	ug/l	98
20) Methylene Chloride	3.74	84	99042	2.440	ug/l	98
31) Cyclohexane	6.42	56	26618	Below Cal	#	1
36) 1,1-Dichloropropene	6.42	75	100259	5.104	ug/l	# 48
38) Carbon Tetrachloride	6.42	117	109817	6.227	ug/l	# 16
51) 4-Methyl-2-Pentanone	9.47	43	10521	1.608	ug/l	# 1
52) Toluene	9.56	92	134176	4.276	ug/l	98
76) 1,2,3-Trichloropropane	12.44	75	287767	30.470	ug/l	# 45
81) trans-1,4-Dichloro-2-buten	12.44	75	295982	112.368	ug/l	# 14
89) n-Butylbenzene	13.66	91	882	Below Cal	#	79

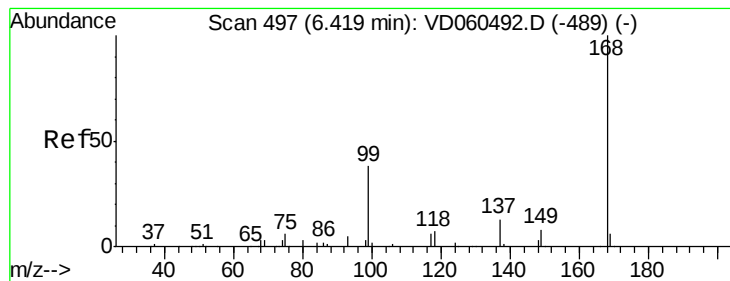
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
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Quant Time: Dec 18 11:16:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 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: VD060600.D

Acq: 17 Dec 2018 15:34

Instrument :

MSVOA_D

ClientSampleId :

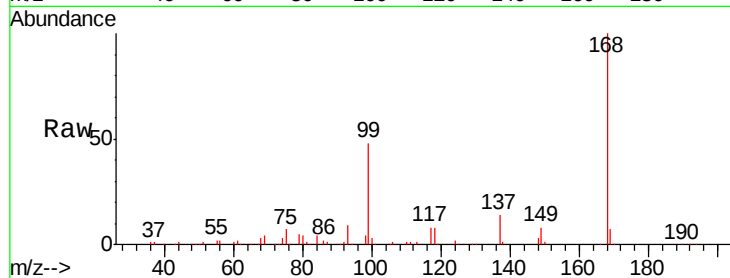
SODUP01_121218

Tgt Ion:168 Resp: 1418238

Ion Ratio Lower Upper

168 100

99 48.2 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

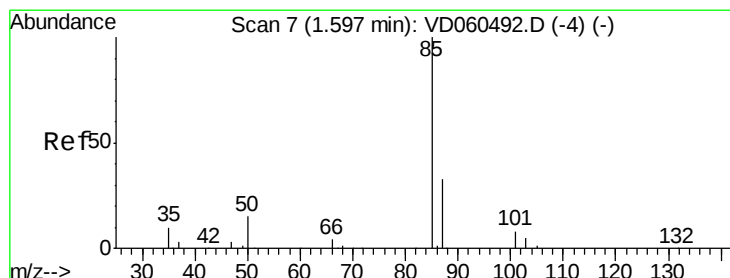
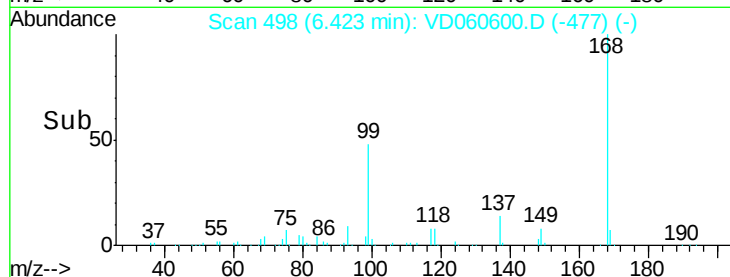
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.00 min

Lab File: VD060600.D

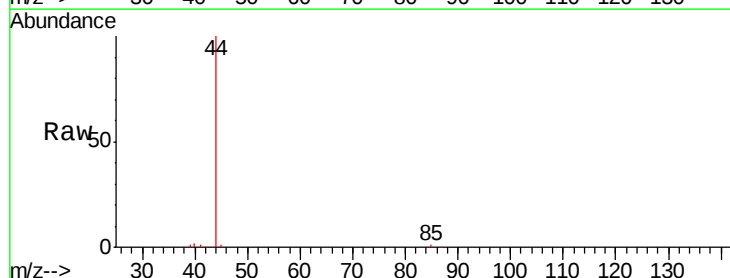
Acq: 17 Dec 2018 15:34

Tgt Ion: 85 Resp: 1734

Ion Ratio Lower Upper

85 100

87 37.0 16.7 50.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.60

1000

800

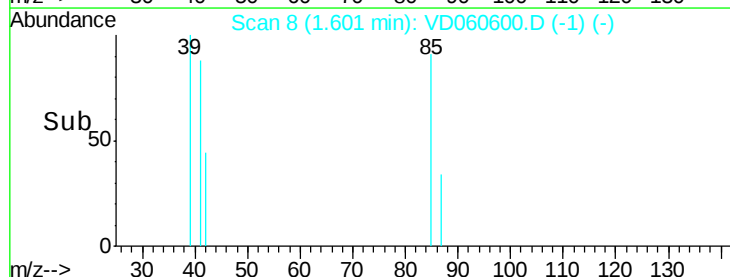
600

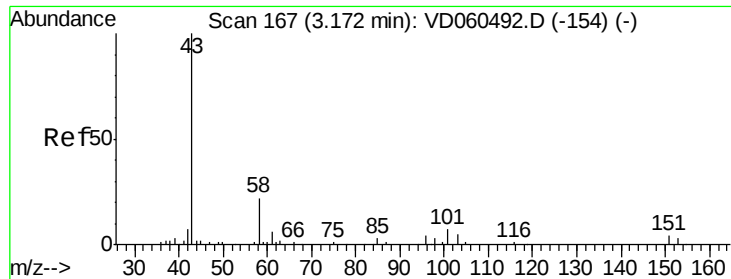
400

200

0

Time-->





#16

Acetone

Concen: 10.771 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060600.D

Acq: 17 Dec 2018 15:34

Instrument :

MSVOA_D

ClientSampleId :

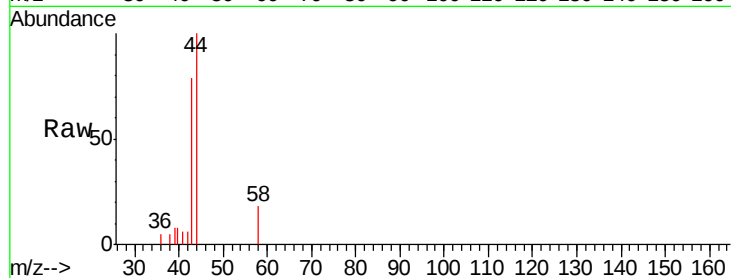
SODUP01_121218

Tgt Ion: 43 Resp: 17356

Ion Ratio Lower Upper

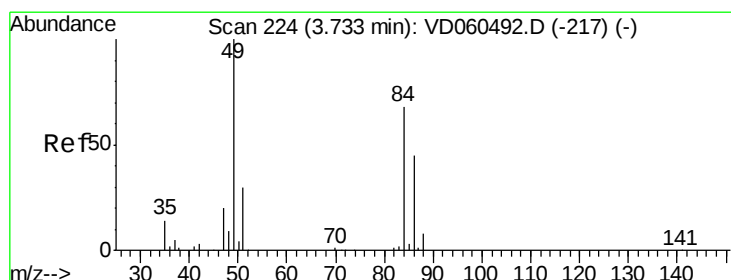
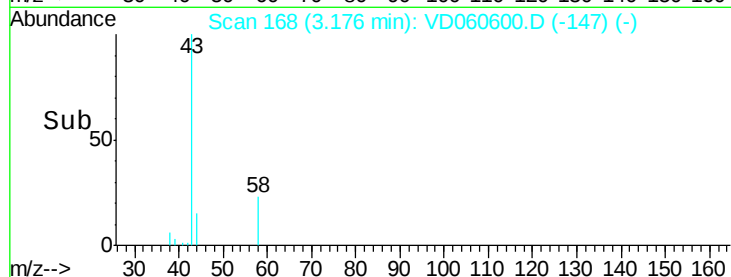
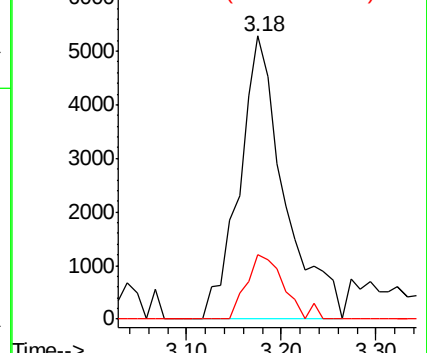
43 100

58 22.7 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 2.440 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.00 min

Lab File: VD060600.D

Acq: 17 Dec 2018 15:34

Tgt Ion: 84 Resp: 99042

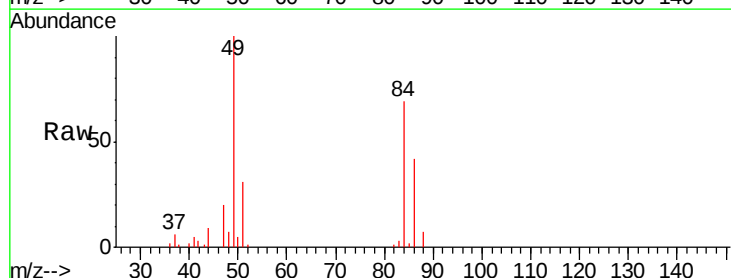
Ion Ratio Lower Upper

84 100

49 145.5 117.2 175.8

51 44.5 35.3 52.9

86 61.6 53.2 79.8

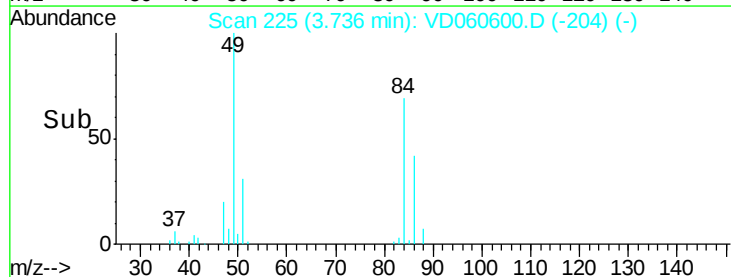
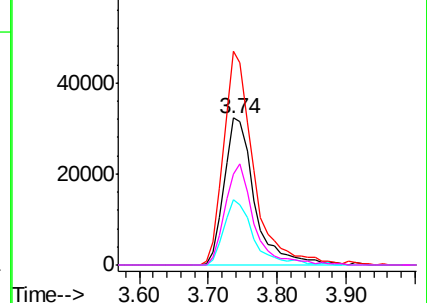


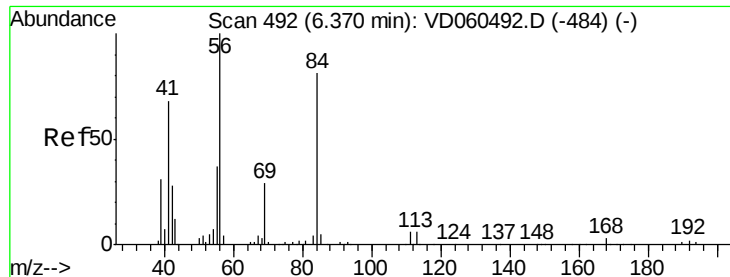
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

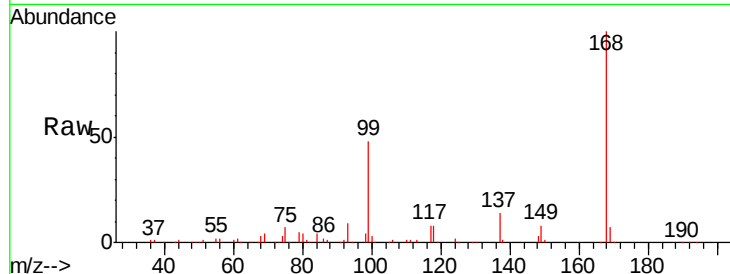




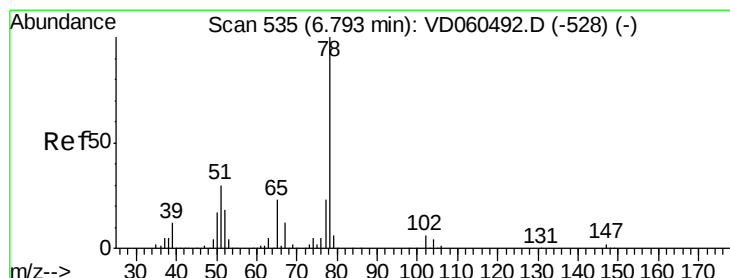
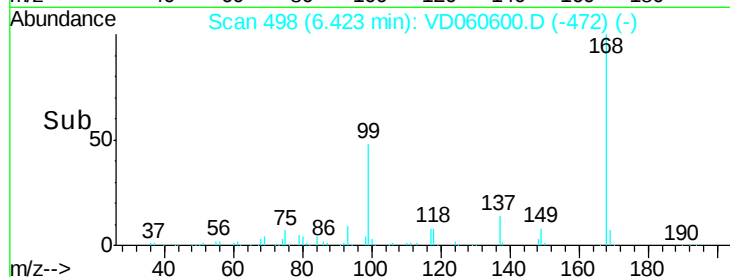
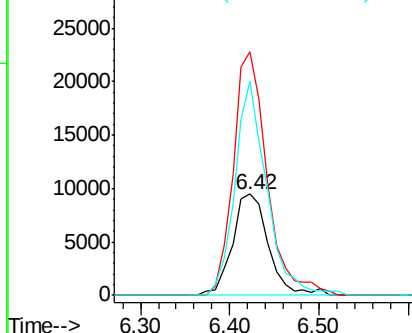
#31
Cyclohexane
Concen: Below Cal
RT: 6.42 min Scan# 498
Delta R.T. 0.05 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Instrument :
MSVOA_D
ClientSampleId :
SODUP01_121218

Tgt Ion	Ratio	Lower	Upper
56	100		
69	240.4	22.8	34.2#
84	211.4	65.1	97.7#

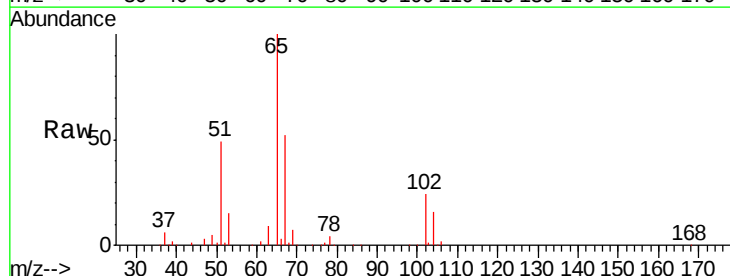


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

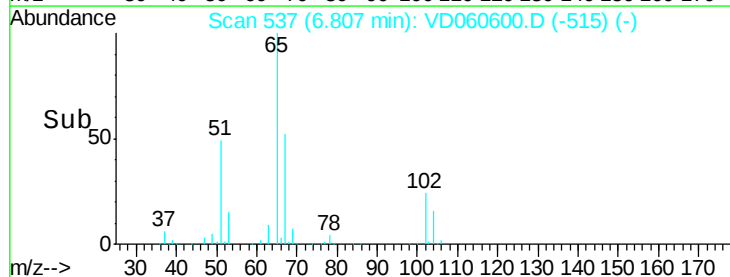
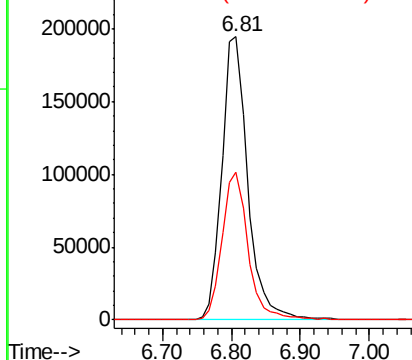


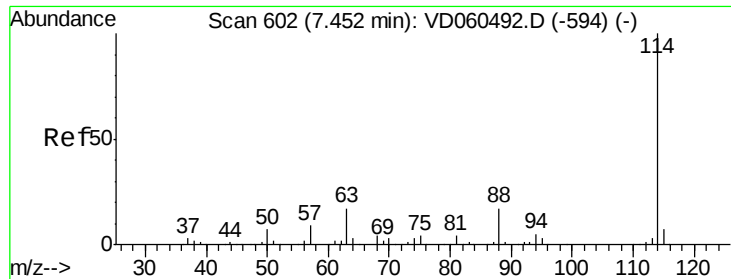
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.8



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

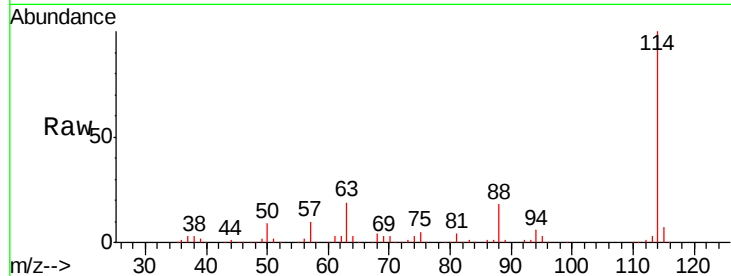




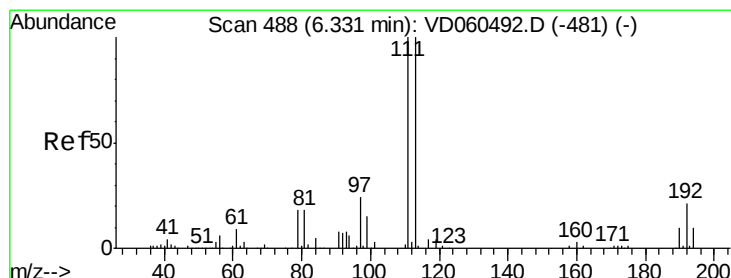
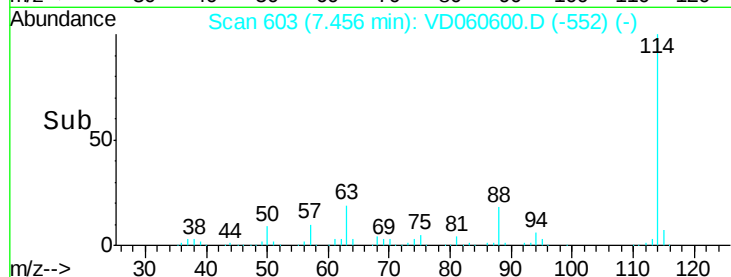
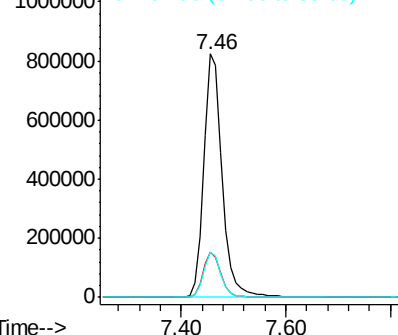
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060600.D
 Acq: 17 Dec 2018 15:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP01_121218

Tgt Ion:114 Resp: 2009705
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.2
 88 18.3 0.0 35.0

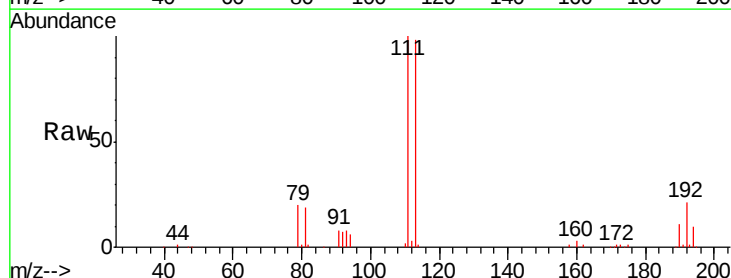


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

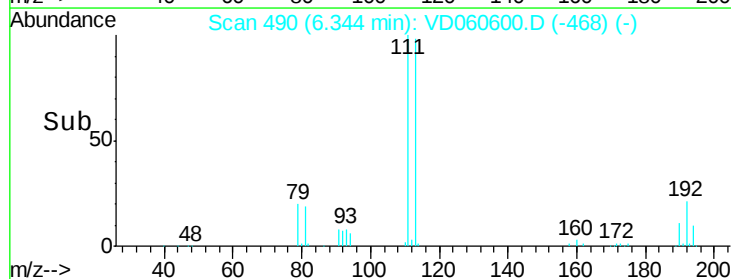
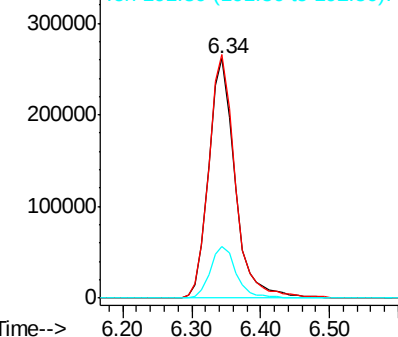


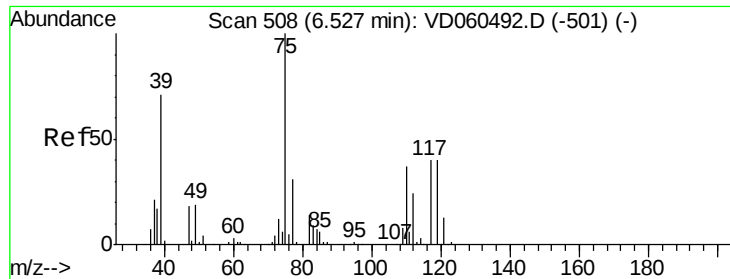
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060600.D
 Acq: 17 Dec 2018 15:34

Tgt Ion:113 Resp: 692183
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.2 120.4
 192 21.6 16.6 24.8



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

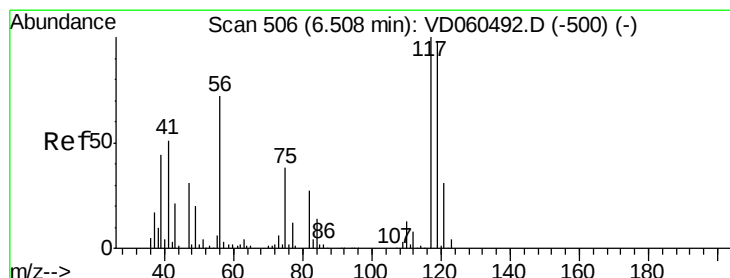
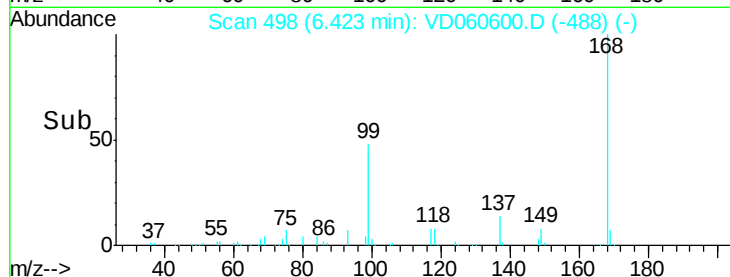
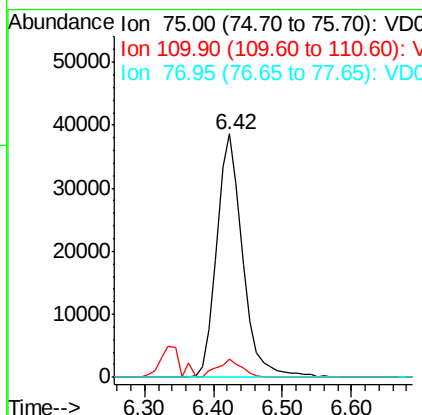
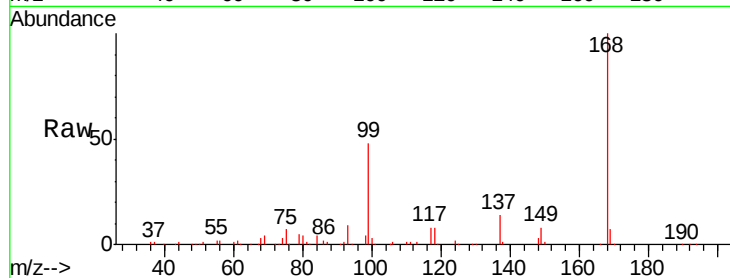




#36
 1,1-Dichloropropene
 Concen: 5.104 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.10 min
 Lab File: VD060600.D
 Acq: 17 Dec 2018 15:34

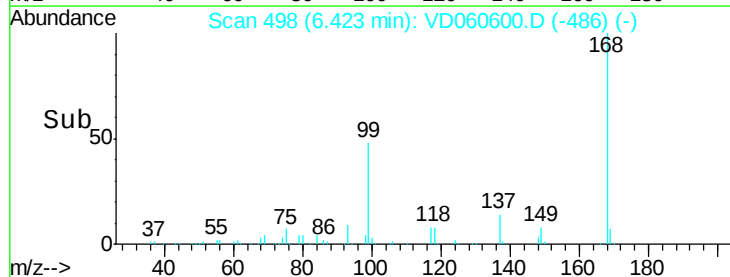
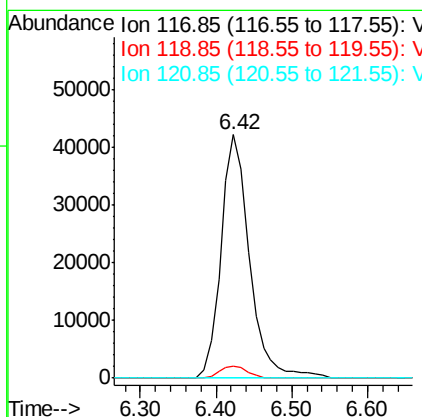
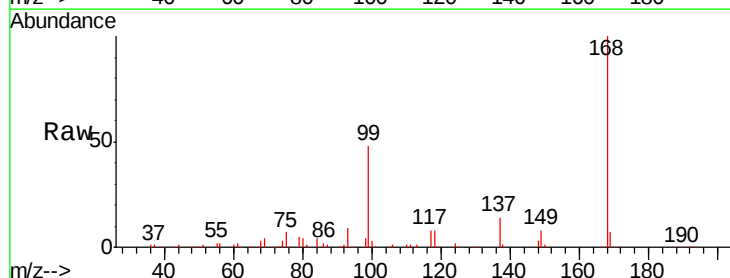
Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP01_121218

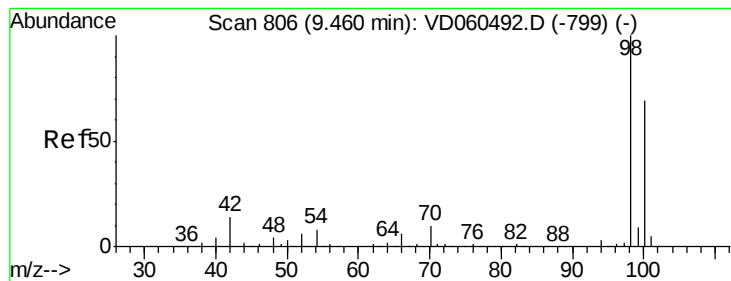
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.3	54.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.227 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.08 min
 Lab File: VD060600.D
 Acq: 17 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.8	115.2#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060600.D

Acq: 17 Dec 2018 15:34

Instrument :

MSVOA_D

ClientSampleId :

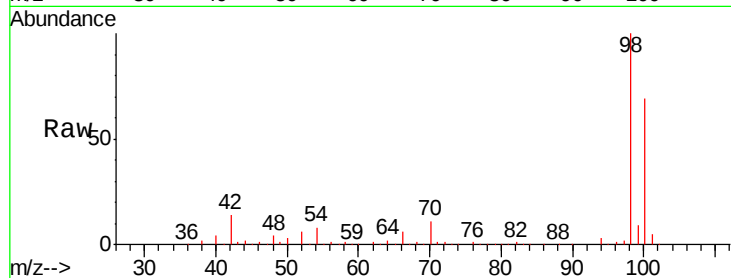
SODUP01_121218

Tgt Ion: 98 Resp: 1958809

Ion Ratio Lower Upper

98 100

100 68.9 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060600.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060600.D (-799) (-)

9.47

800000

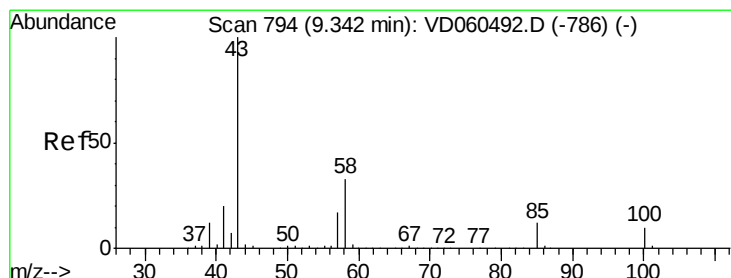
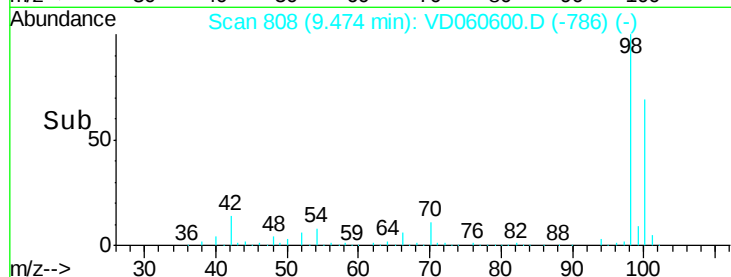
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60



#51

4-Methyl-2-Pentanone

Concen: 1.608 ug/l

RT: 9.47 min Scan# 808

Delta R.T. 0.13 min

Lab File: VD060600.D

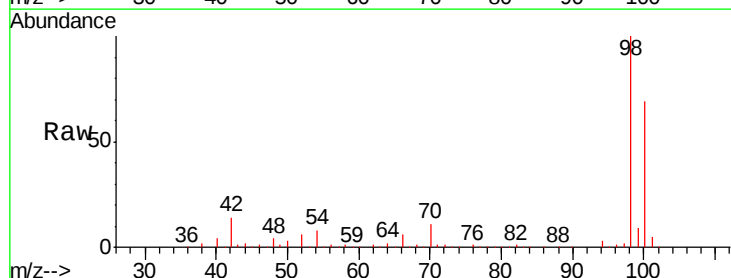
Acq: 17 Dec 2018 15:34

Tgt Ion: 43 Resp: 10521

Ion Ratio Lower Upper

43 100

58 163.4 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VD060600.D (-774) (-)

Ion 57.95 (57.65 to 58.65): VD060600.D (-774) (-)

9.47

8000

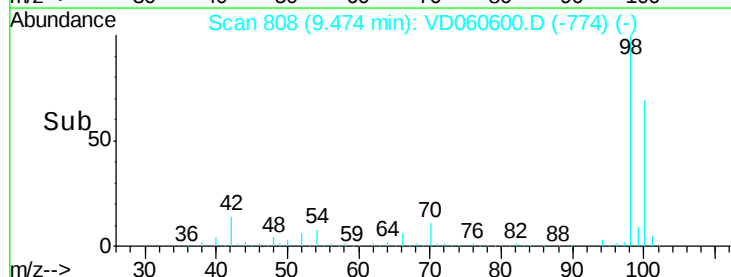
6000

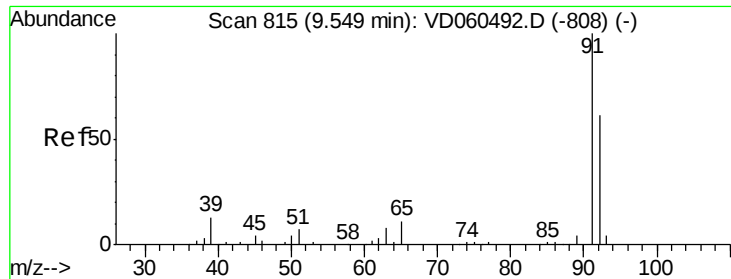
4000

2000

0

Time--> 9.40 9.45 9.50





#52

Toluene

Concen: 4.276 ug/l

RT: 9.56 min Scan# 817

Delta R.T. 0.01 min

Lab File: VD060600.D

Acq: 17 Dec 2018 15:34

Instrument :

MSVOA_D

ClientSampleId :

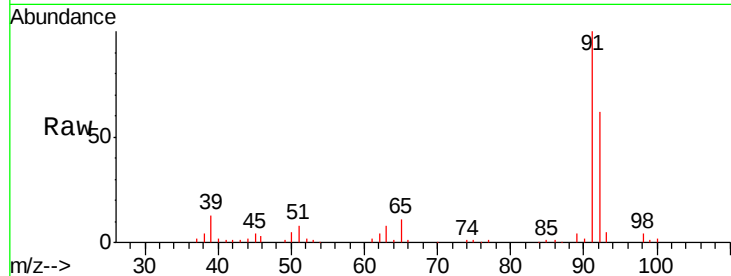
SODUP01_121218

Tgt Ion: 92 Resp: 134176

Ion Ratio Lower Upper

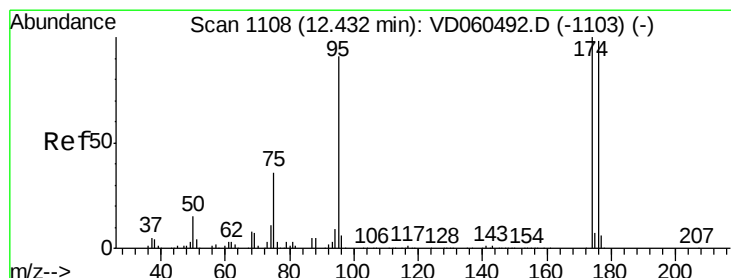
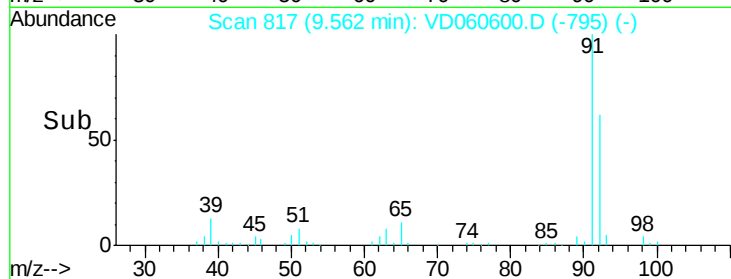
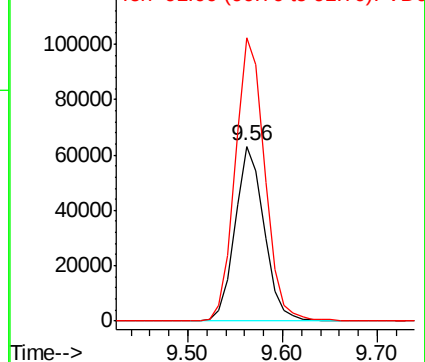
92 100

91 161.8 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060600.D

Acq: 17 Dec 2018 15:34

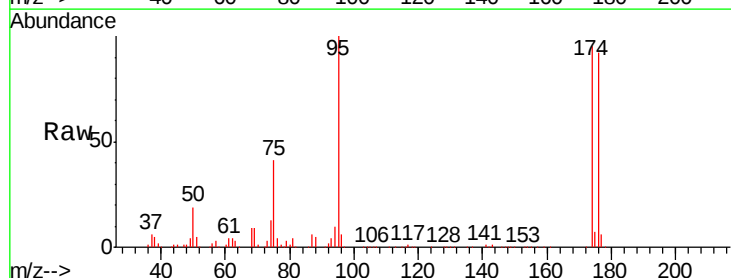
Tgt Ion: 95 Resp: 714337

Ion Ratio Lower Upper

95 100

174 94.5 0.0 219.4

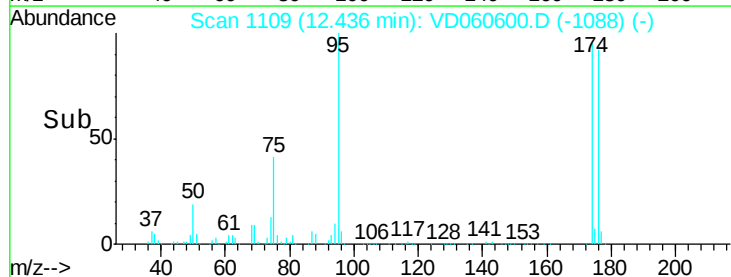
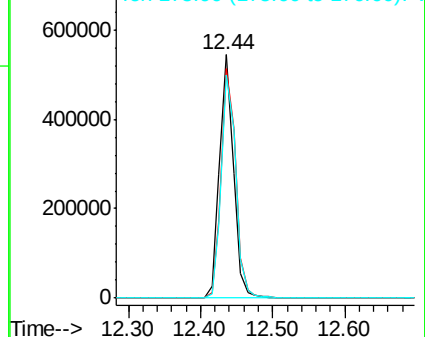
176 91.5 0.0 214.6

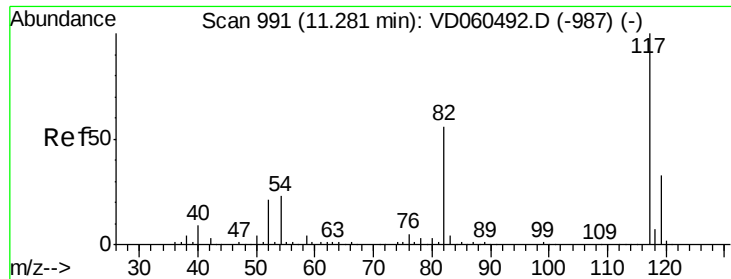


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

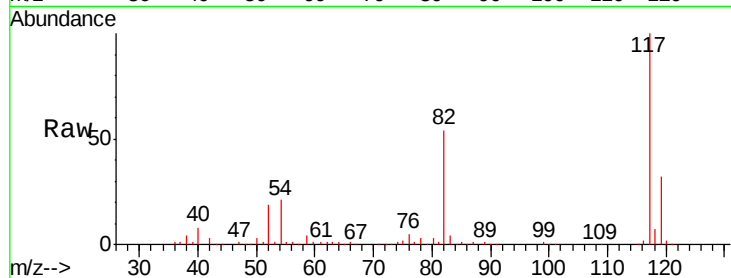




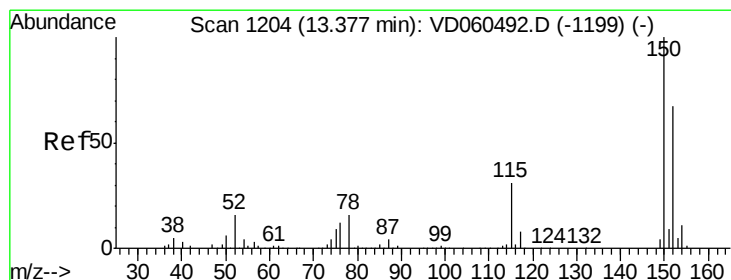
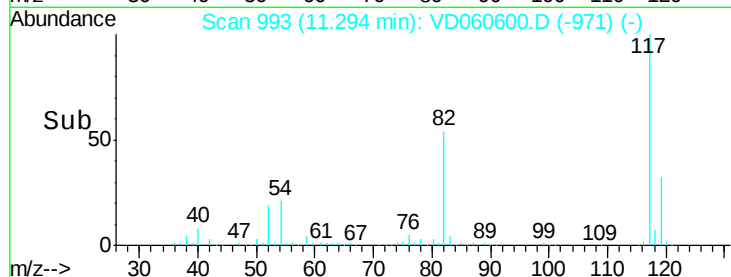
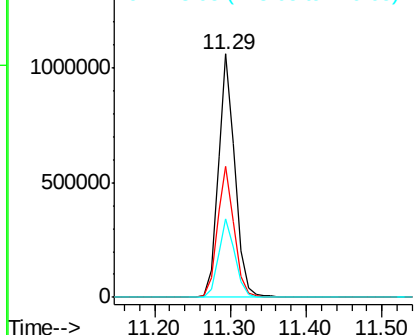
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Instrument :
MSVOA_D
ClientSampleId :
SODUP01_121218

Tgt Ion:117 Resp: 1627444
Ion Ratio Lower Upper
117 100
82 53.8 45.2 67.8
119 32.1 26.1 39.1

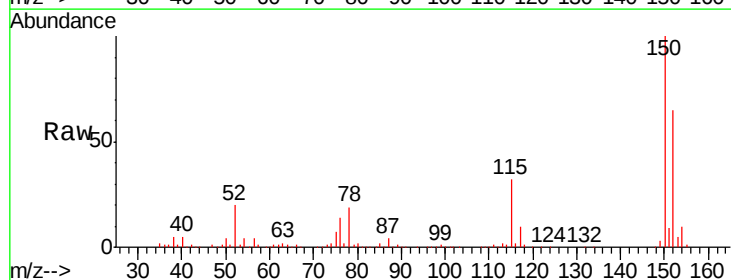


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

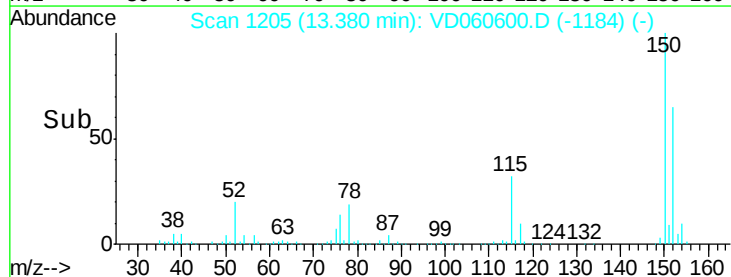
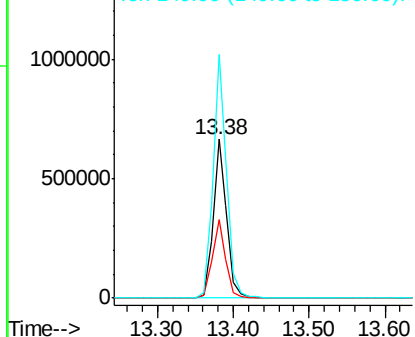


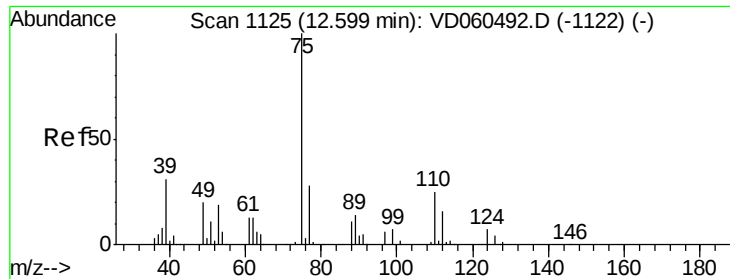
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060600.D
Acq: 17 Dec 2018 15:34

Tgt Ion:152 Resp: 833515
Ion Ratio Lower Upper
152 100
115 49.8 24.6 74.0
150 153.3 0.0 309.0



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

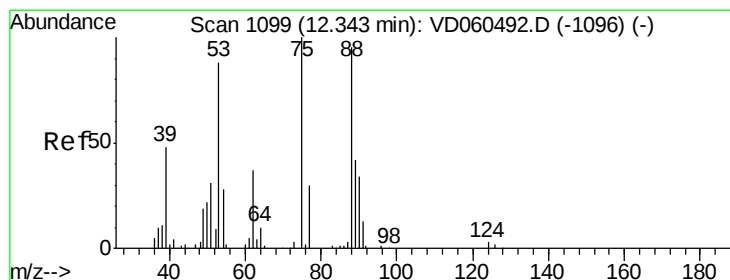
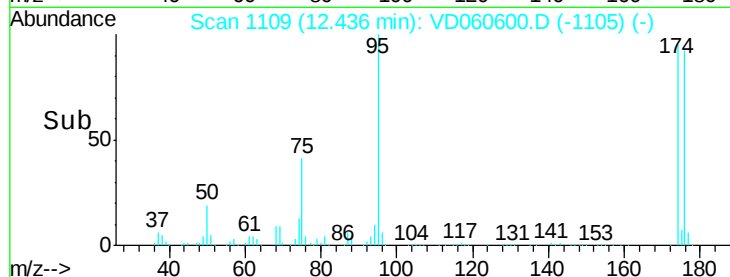
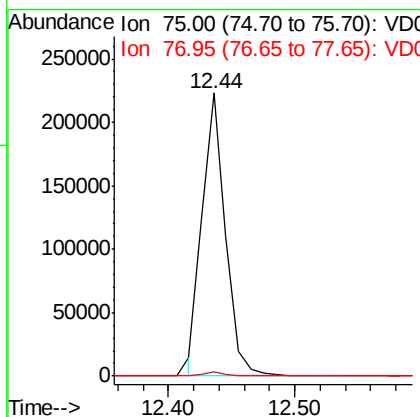
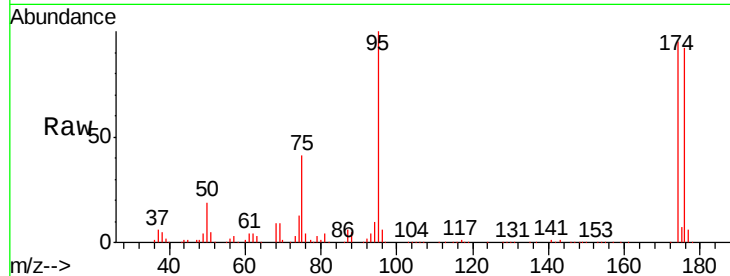




#76
 1,2,3-Trichloropropane
 Concen: 30.470 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. -0.16 min
 Lab File: VD060600.D
 Acq: 17 Dec 2018 15:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP01_121218

Tgt Ion: 75 Resp: 287767
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.368 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. 0.09 min
 Lab File: VD060600.D
 Acq: 17 Dec 2018 15:34

Tgt Ion: 75 Resp: 295982
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 33.6 50.4#

