

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
 Data File : VD060028.D
 Acq On : 17 Sep 2018 18:27
 Operator : JC/SY
 Sample : J4940-05RE
 Misc : 3.53g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

Quant Time: Sep 18 03:54:51 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

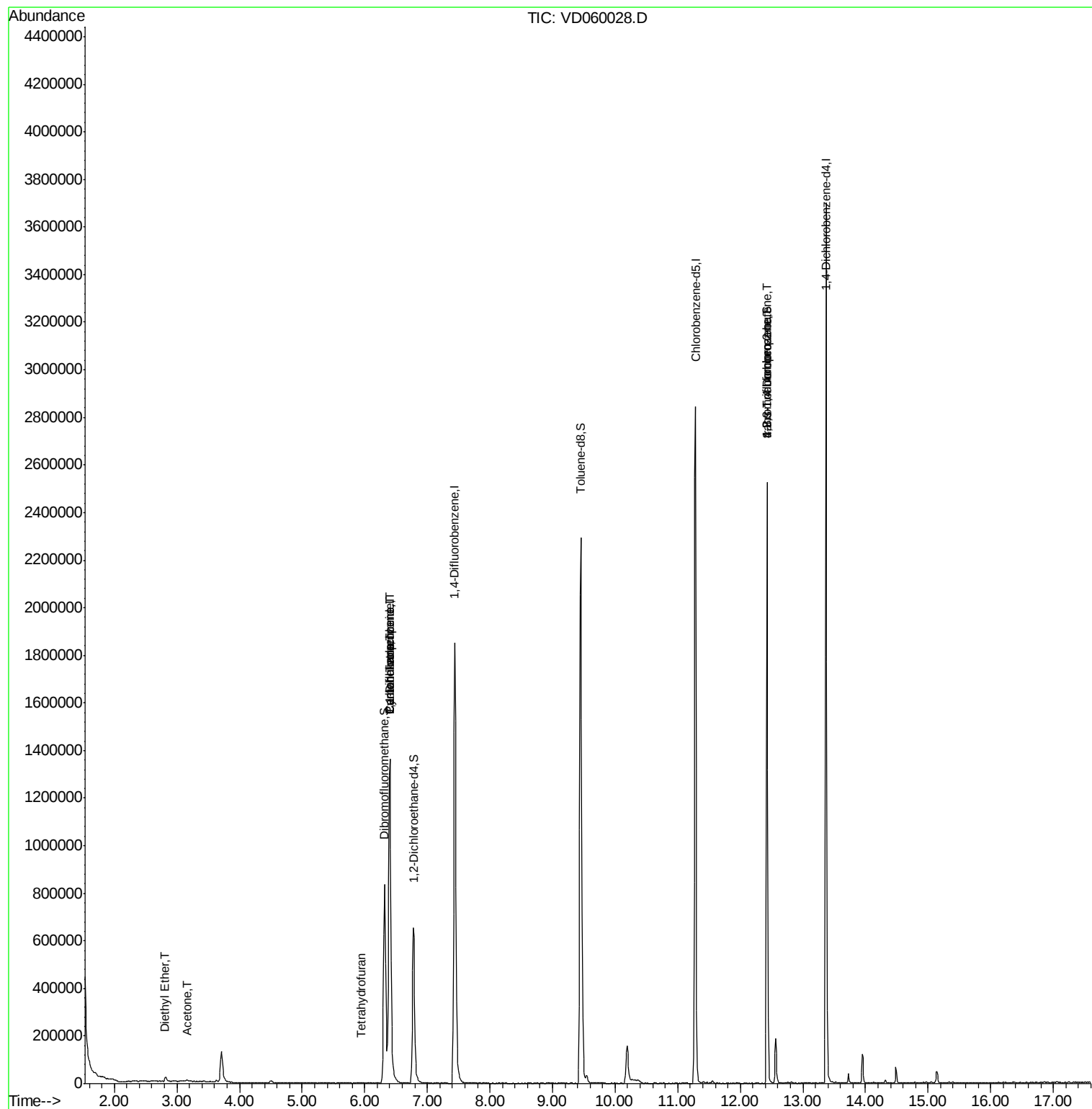
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1324811	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1897095	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1570760	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	802649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	551022	53.34	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.68%	
35) Dibromofluoromethane	6.32	113	663633	44.78	ug/l	0.01
Spiked Amount	50.000		Recovery	=	89.56%	
50) Toluene-d8	9.45	98	1826818	44.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.96%	
62) 4-Bromofluorobenzene	12.43	95	707488	45.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.16%	
Target Compounds						
8) Diethyl Ether	2.82	74	6342	2.729	ug/l	96
16) Acetone	3.17	43	14464	7.251	ug/l	96
20) Methylene Chloride	3.71	84	81071	Below Cal		96
29) Tetrahydrofuran	5.94	42	3316	1.149	ug/l #	69
31) Cyclohexane	6.39	56	24852	1.083	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	95458	5.066	ug/l #	46
38) Carbon Tetrachloride	6.40	117	108469	6.166	ug/l #	15
51) 4-Methyl-2-Pentanone	9.44	43	11392	Below Cal	#	1
59) 2-Hexanone	10.49	43	480	Below Cal	#	30
76) 1,2,3-Trichloropropane	12.43	75	273318	22.296	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	288675	78.011	ug/l #	15
89) n-Butylbenzene	13.65	91	903	Below Cal	#	65
91) 1,2-Dichlorobenzene	13.66	146	360	Below Cal	#	25

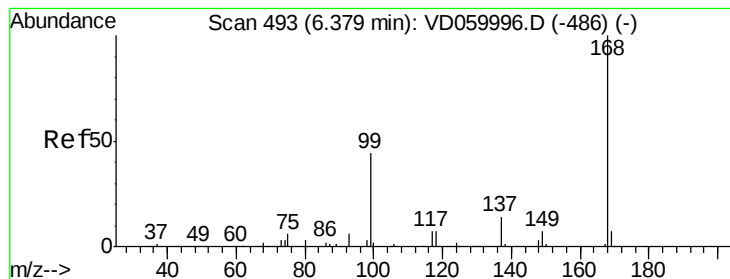
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060028.D
Acq On : 17 Sep 2018 18:27
Operator : JC/SY
Sample : J4940-05RE
Misc : 3.53g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

Quant Time: Sep 18 03:54:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration



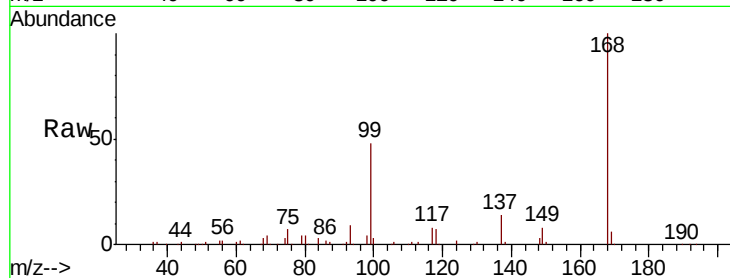


#1

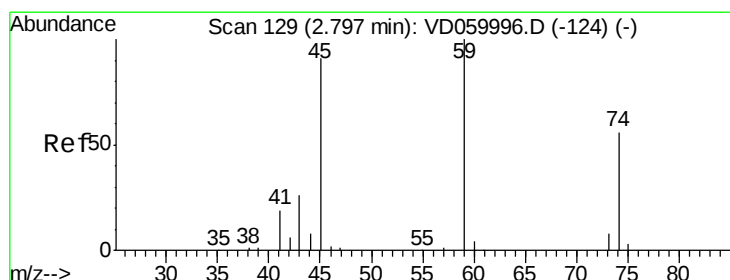
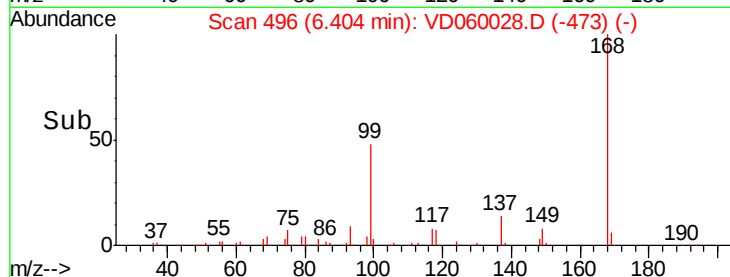
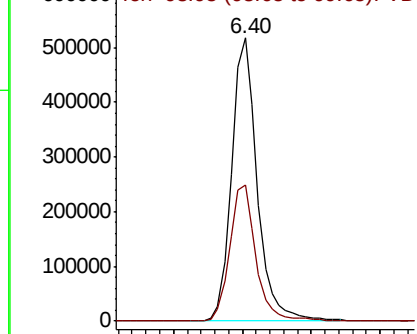
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. 0.02 min
 Lab File: VD060028.D
 Acq: 17 Sep 2018 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

Tgt Ion:168 Resp: 1324811
 Ion Ratio Lower Upper
 168 100
 99 48.3 38.5 57.7



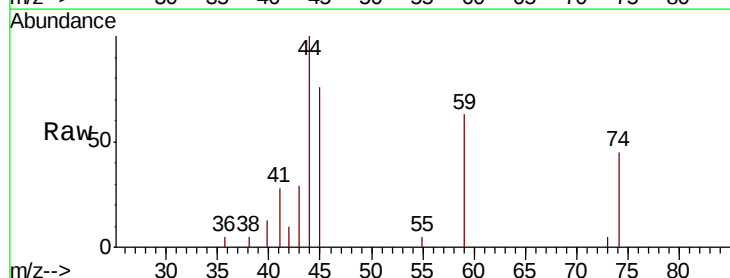
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



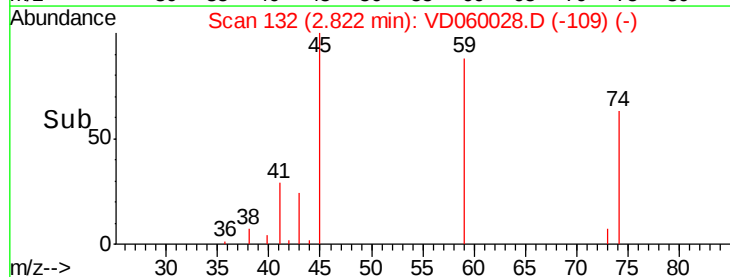
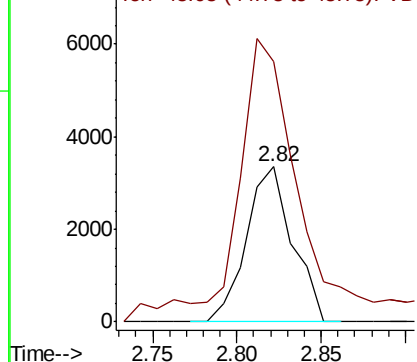
#8

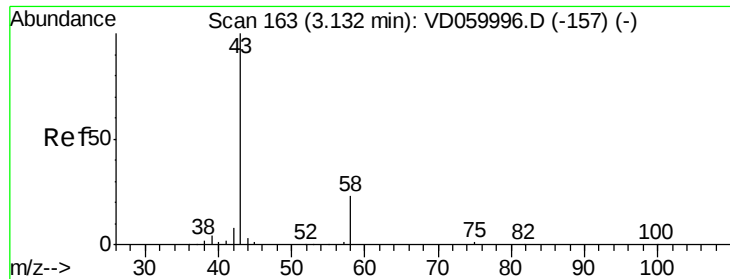
Diethyl Ether
 Concen: 2.729 ug/l
 RT: 2.82 min Scan# 132
 Delta R.T. 0.02 min
 Lab File: VD060028.D
 Acq: 17 Sep 2018 18:27

Tgt Ion: 74 Resp: 6342
 Ion Ratio Lower Upper
 74 100
 45 168.1 81.2 243.4



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 7.251 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD060028.D

Acq: 17 Sep 2018 18:27

Instrument :

MSVOA_D

ClientSampleId :

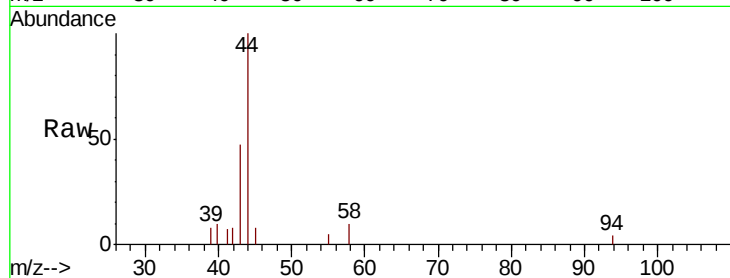
COMP-2RE

Tgt Ion: 43 Resp: 14464

Ion Ratio Lower Upper

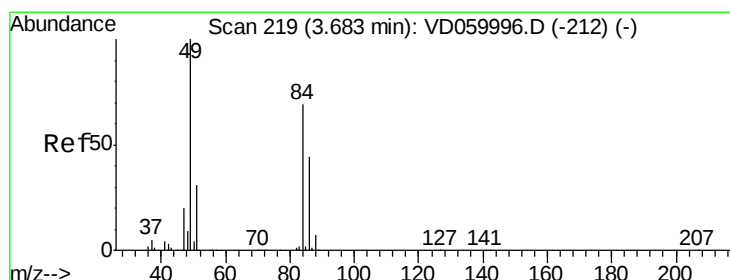
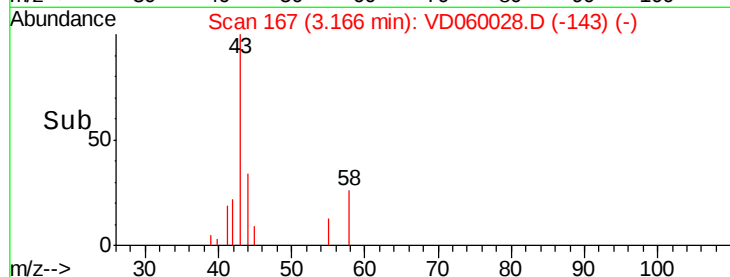
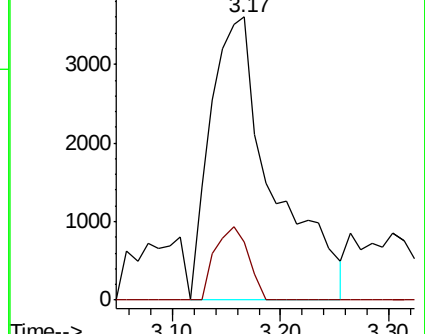
43 100

58 20.5 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.71 min Scan# 222

Delta R.T. 0.03 min

Lab File: VD060028.D

Acq: 17 Sep 2018 18:27

Tgt Ion: 84 Resp: 81071

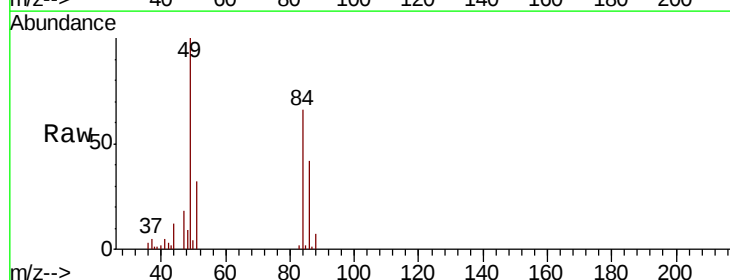
Ion Ratio Lower Upper

84 100

49 151.0 116.6 175.0

51 48.2 35.9 53.9

86 63.4 51.8 77.6

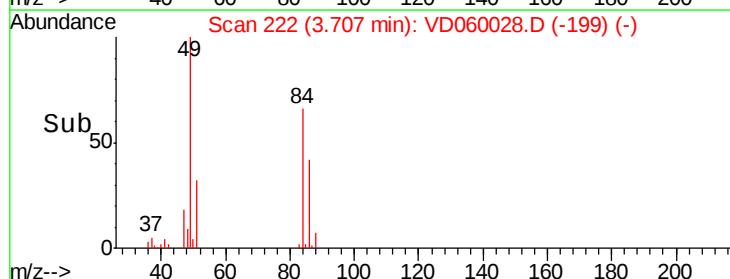
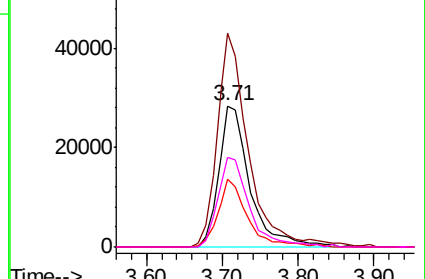


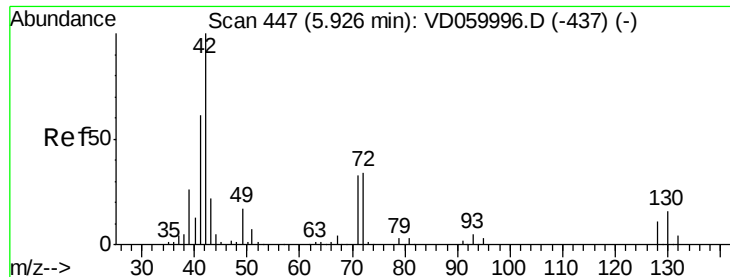
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

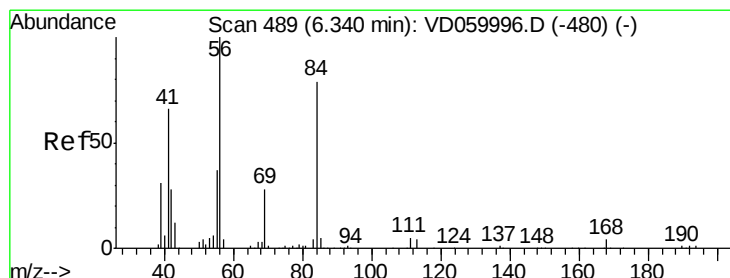
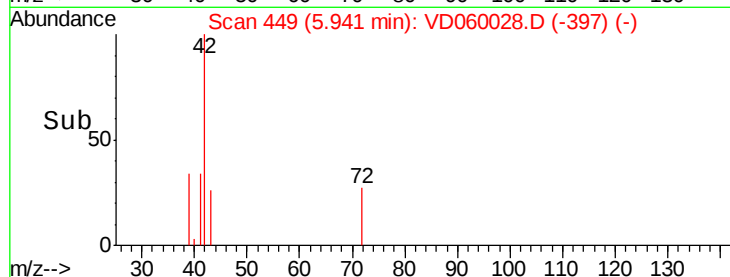
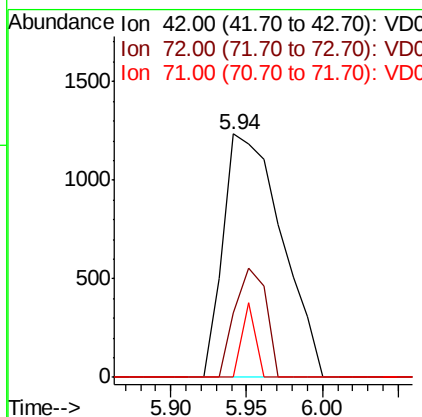
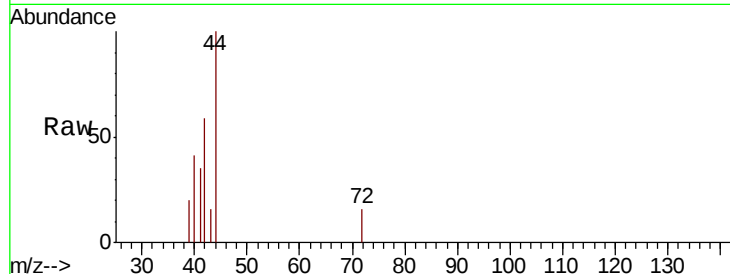




#29
Tetrahydrofuran
Concen: 1.149 ug/l
RT: 5.94 min Scan# 449
Delta R.T. 0.01 min
Lab File: VD060028.D
Acq: 17 Sep 2018 18:27

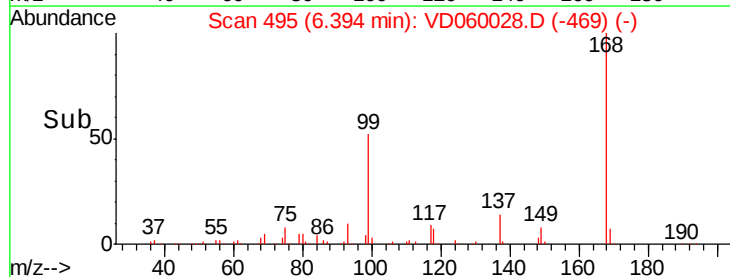
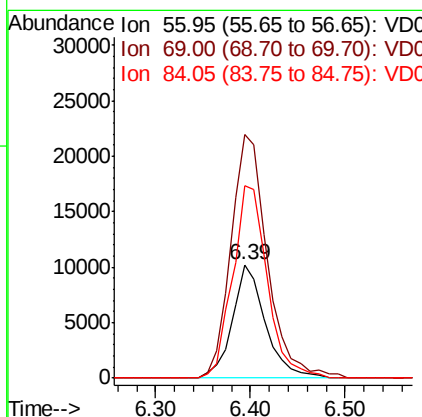
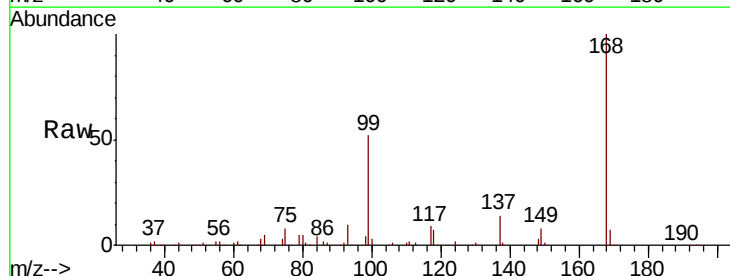
Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

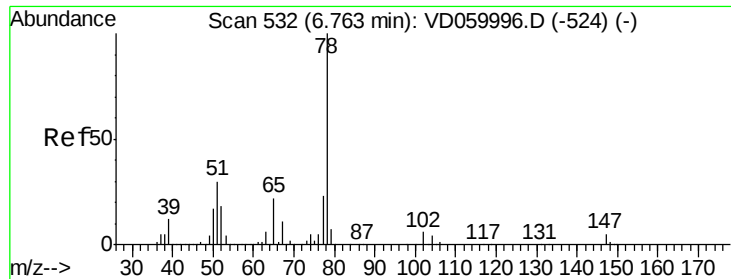
Tgt Ion: 42 Resp: 3316
Ion Ratio Lower Upper
42 100
72 24.1 26.9 40.3#
71 6.7 26.2 39.4#



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.05 min
Lab File: VD060028.D
Acq: 17 Sep 2018 18:27

Tgt Ion: 56 Resp: 24852
Ion Ratio Lower Upper
56 100
69 215.4 22.7 34.1#
84 170.6 64.0 96.0#

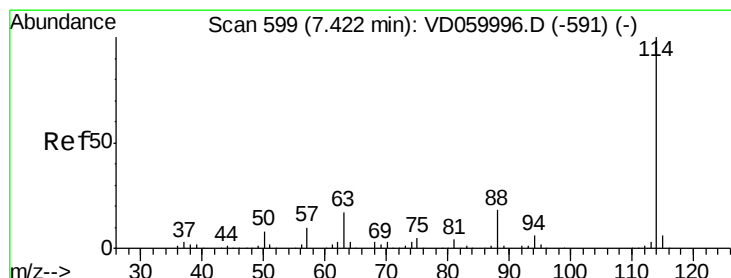
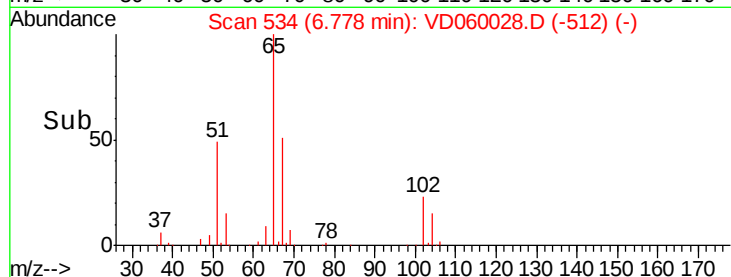
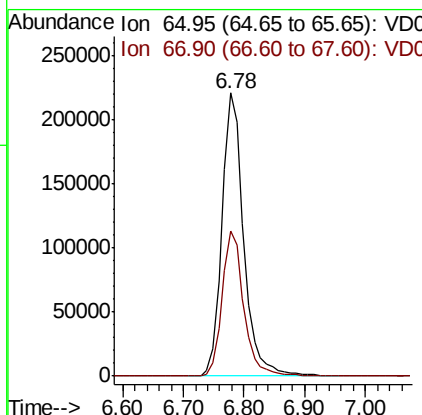
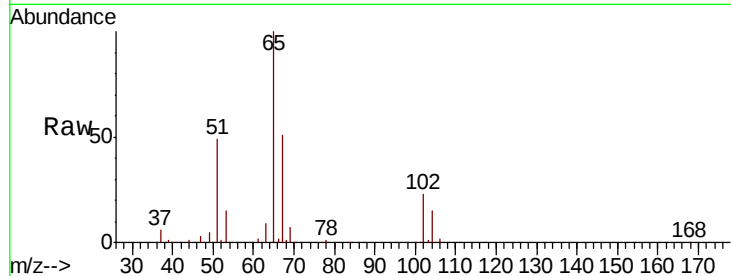




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VD060028.D
 Acq: 17 Sep 2018 18:27

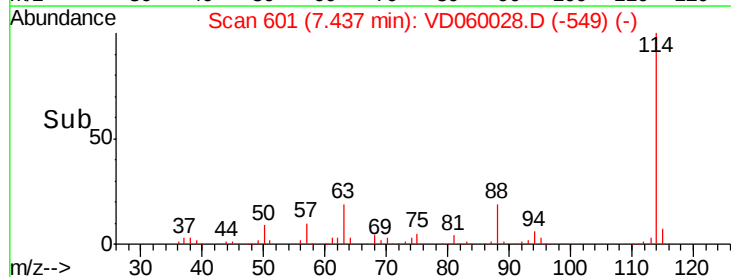
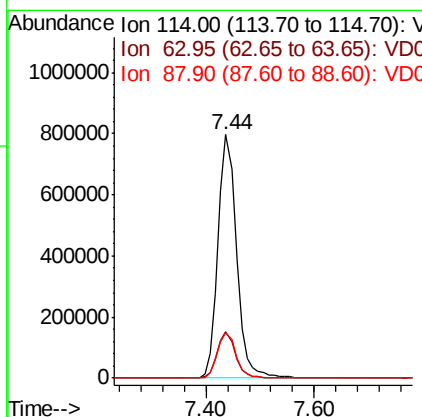
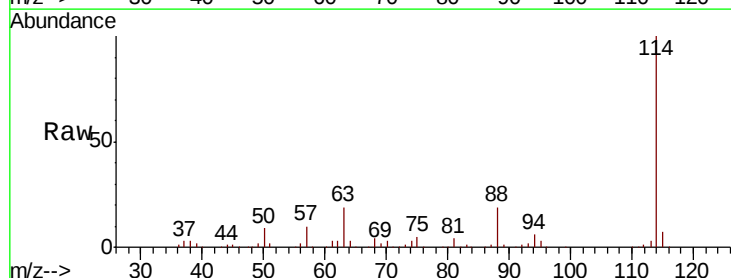
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

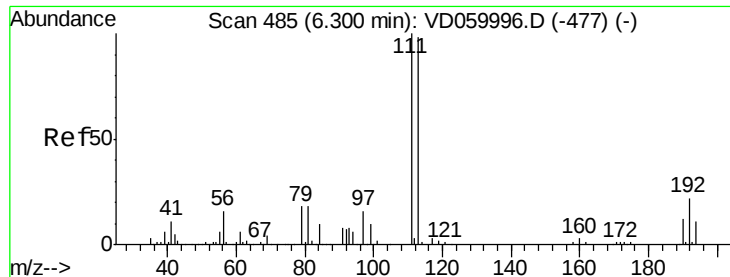
Tgt Ion: 65 Resp: 551022
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: VD060028.D
 Acq: 17 Sep 2018 18:27

Tgt Ion: 114 Resp: 1897095
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.4
 88 18.8 0.0 35.8

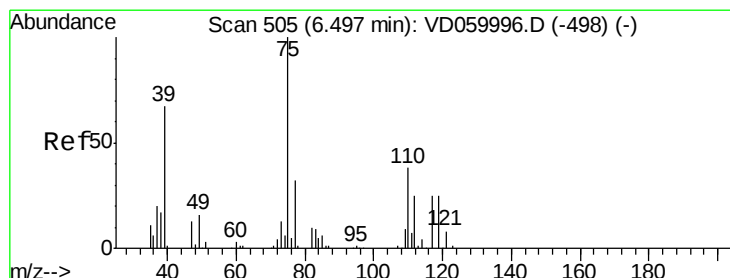
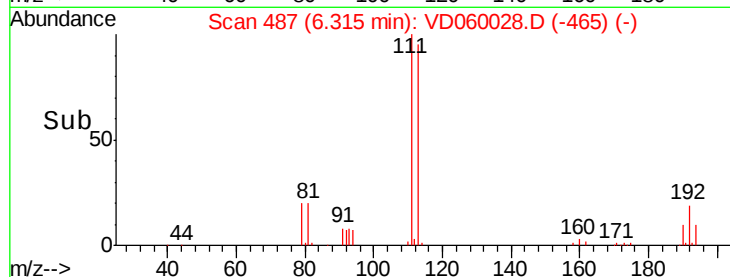
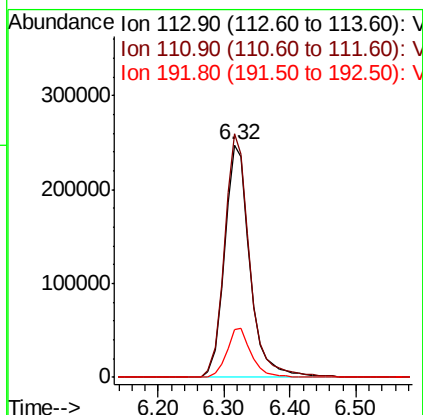
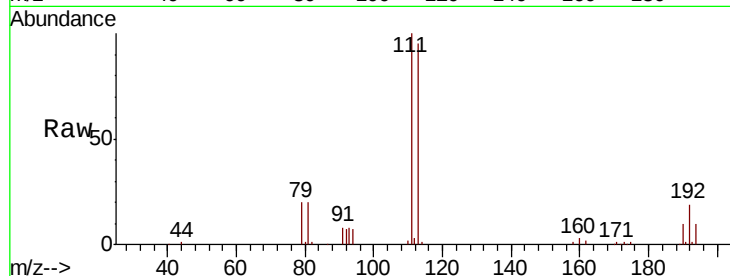




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: VD060028.D
 Acq: 17 Sep 2018 18:27

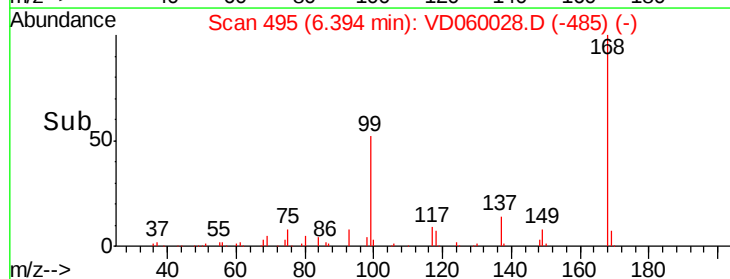
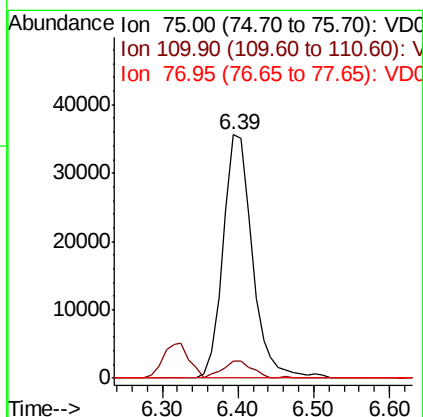
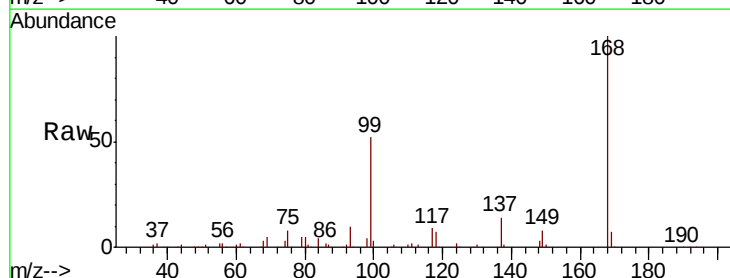
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

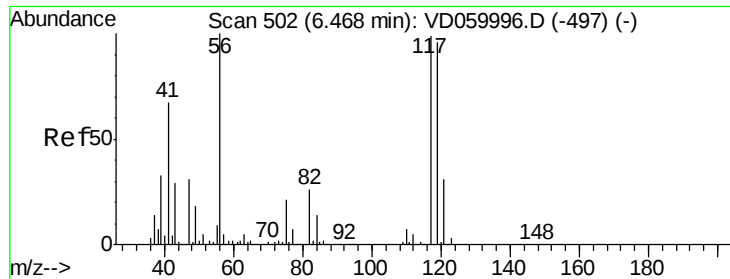
Tgt Ion:113 Resp: 663633
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.3 121.9
 192 20.3 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 5.066 ug/l
 RT: 6.39 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060028.D
 Acq: 17 Sep 2018 18:27

Tgt Ion: 75 Resp: 95458
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.9 56.9#
 77 0.0 25.3 37.9#

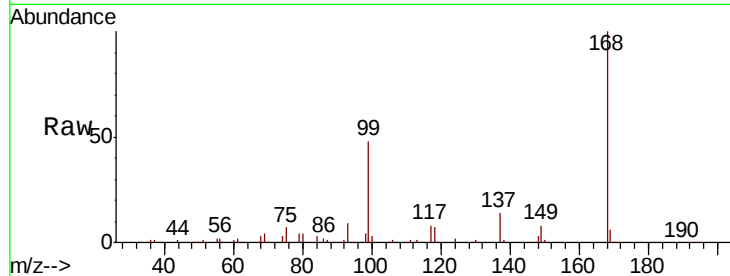




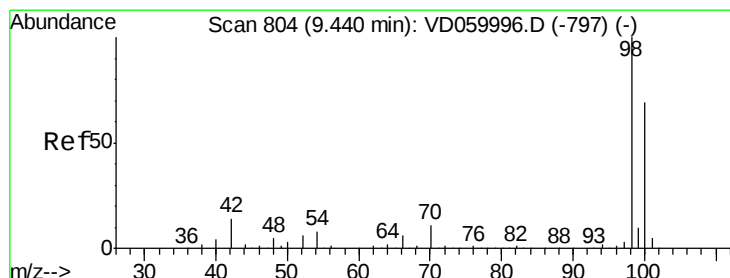
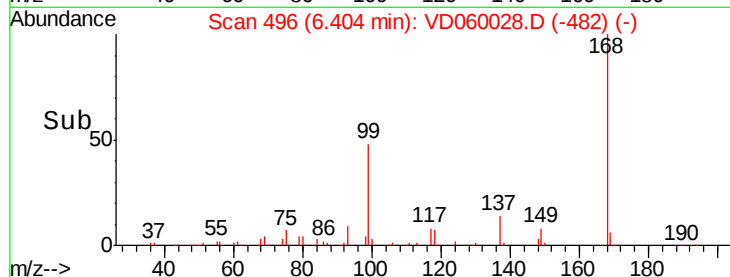
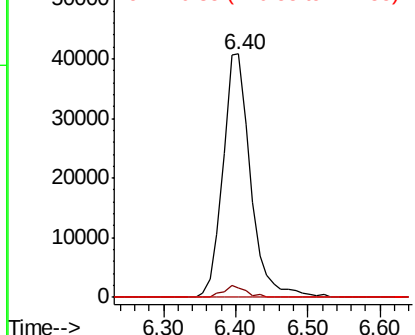
#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.06 min
Lab File: VD060028.D
Acq: 17 Sep 2018 18:27

Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

Tgt Ion:117 Resp: 108469
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 24.9 37.3#

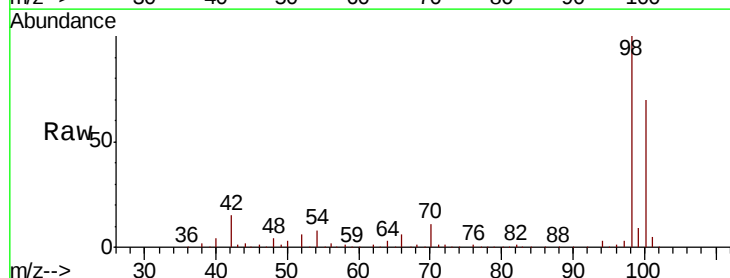


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

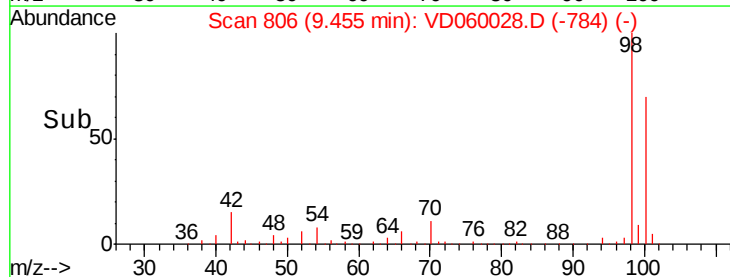
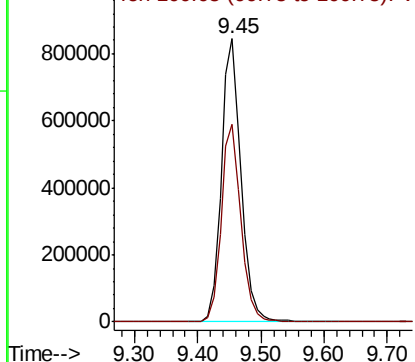


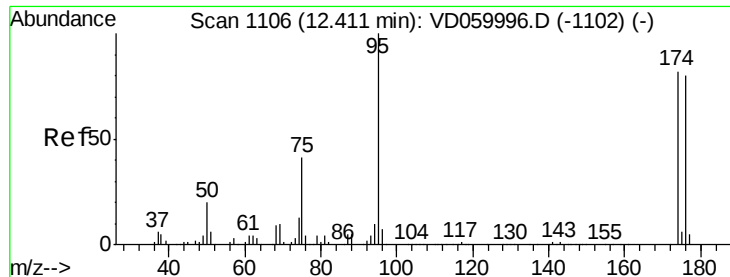
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD060028.D
Acq: 17 Sep 2018 18:27

Tgt Ion: 98 Resp: 1826818
Ion Ratio Lower Upper
98 100
100 69.7 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. 0.01 min

Lab File: VD060028.D

Acq: 17 Sep 2018 18:27

Instrument :

MSVOA_D

ClientSampleId :

COMP-2RE

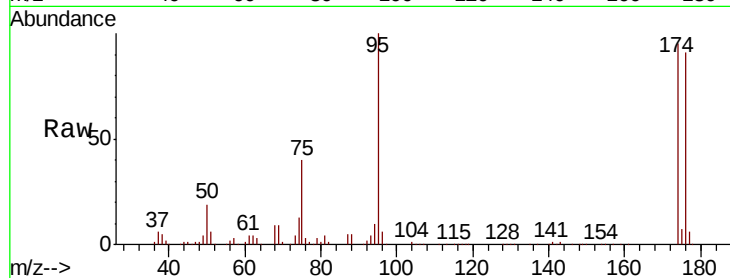
Tgt Ion: 95 Resp: 707488

Ion Ratio Lower Upper

95 100

174 94.9 0.0 165.0

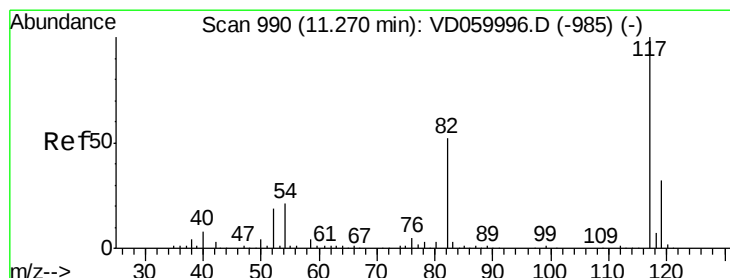
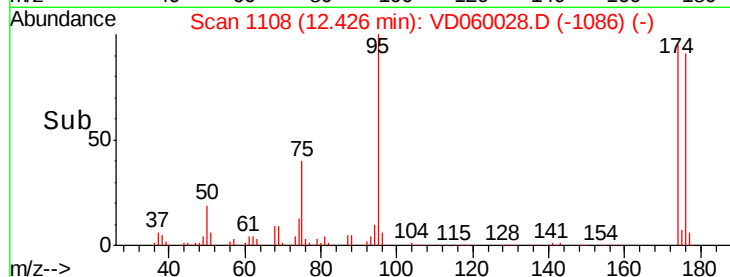
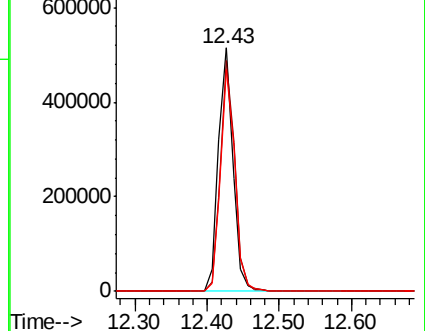
176 91.4 0.0 160.2



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: 11.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VD060028.D

Acq: 17 Sep 2018 18:27

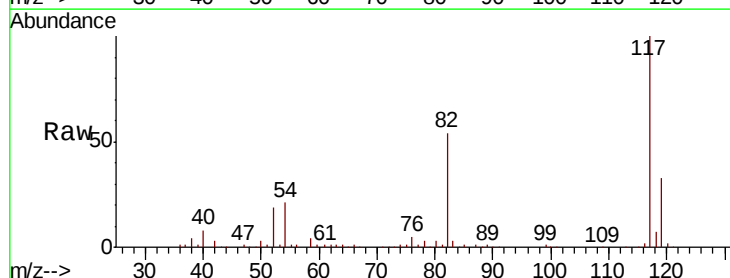
Tgt Ion: 117 Resp: 1570760

Ion Ratio Lower Upper

117 100

82 53.8 41.7 62.5

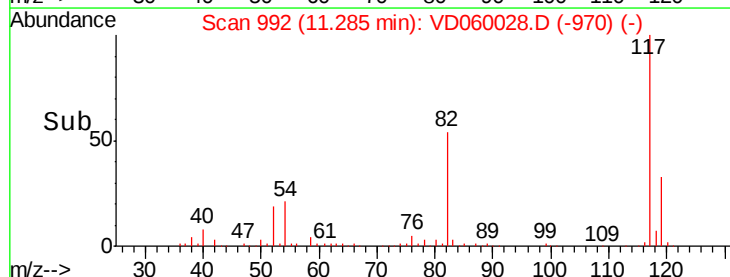
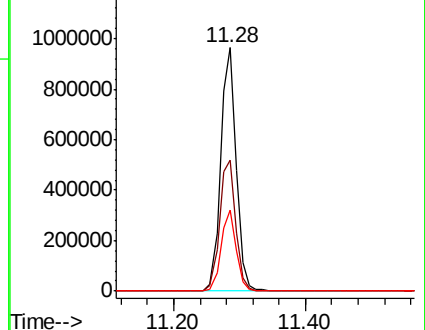
119 33.1 26.0 39.0

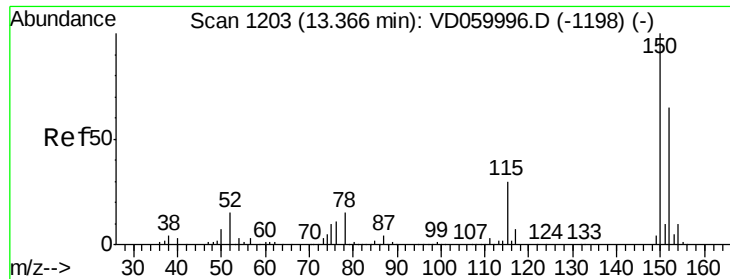


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD060028.D

Acq: 17 Sep 2018 18:27

Instrument :

MSVOA_D

ClientSampleId :

COMP-2RE

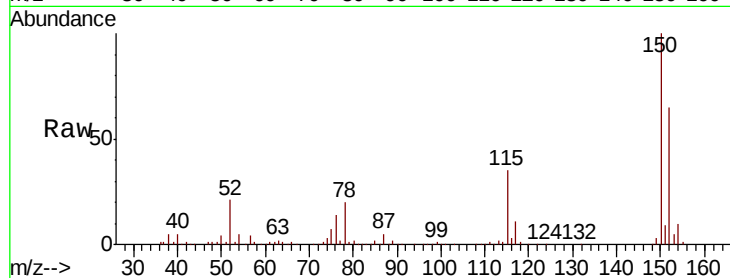
Tgt Ion:152 Resp: 802649

Ion Ratio Lower Upper

152 100

115 53.9 24.6 73.8

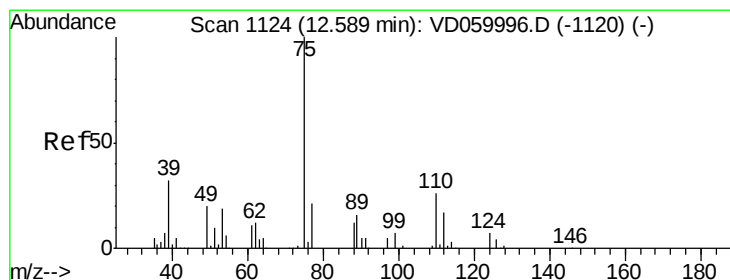
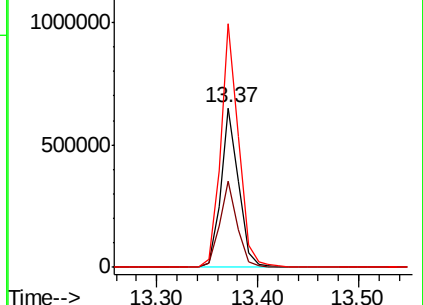
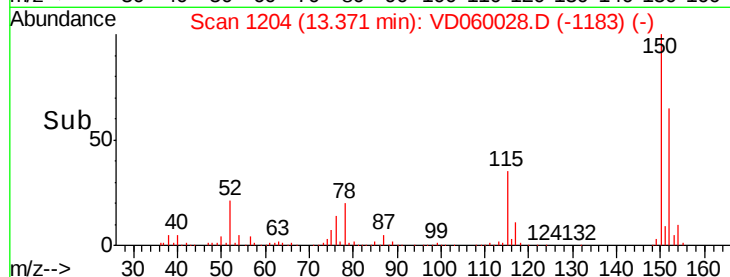
150 152.8 0.0 313.4



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: 22.296 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.16 min

Lab File: VD060028.D

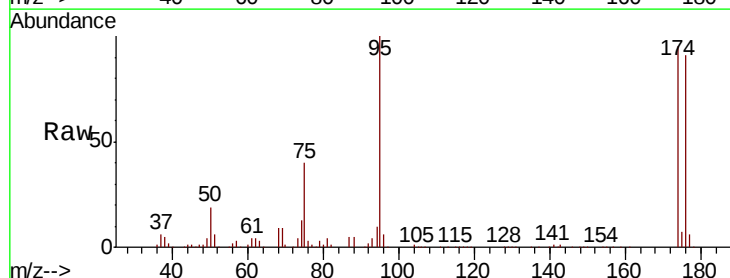
Acq: 17 Sep 2018 18:27

Tgt Ion: 75 Resp: 273318

Ion Ratio Lower Upper

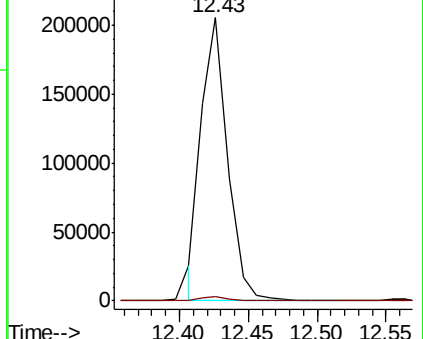
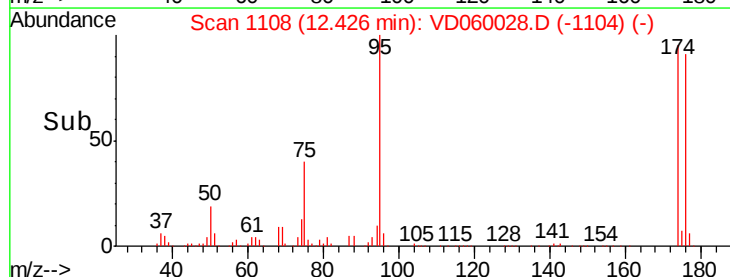
75 100

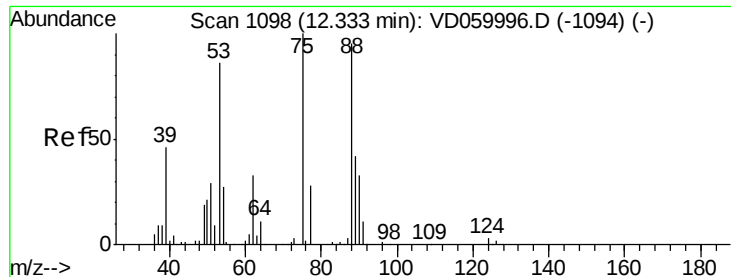
77 1.3 16.4 49.4#



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: 78.011 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.09 min

Lab File: VD060028.D

Acq: 17 Sep 2018 18:27

Instrument :

MSVOA_D

ClientSampleId :

COMP-2RE

Tgt Ion: 75 Resp: 288675

Ion Ratio Lower Upper

75 100

53 0.0 68.4 102.6#

89 0.0 33.8 50.6#

