

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060828.D
 Acq On : 1 Feb 2019 19:26
 Operator : VA/AP
 Sample : K1312-01RE
 Misc : 6.24g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILERE

Quant Time: Feb 02 00:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

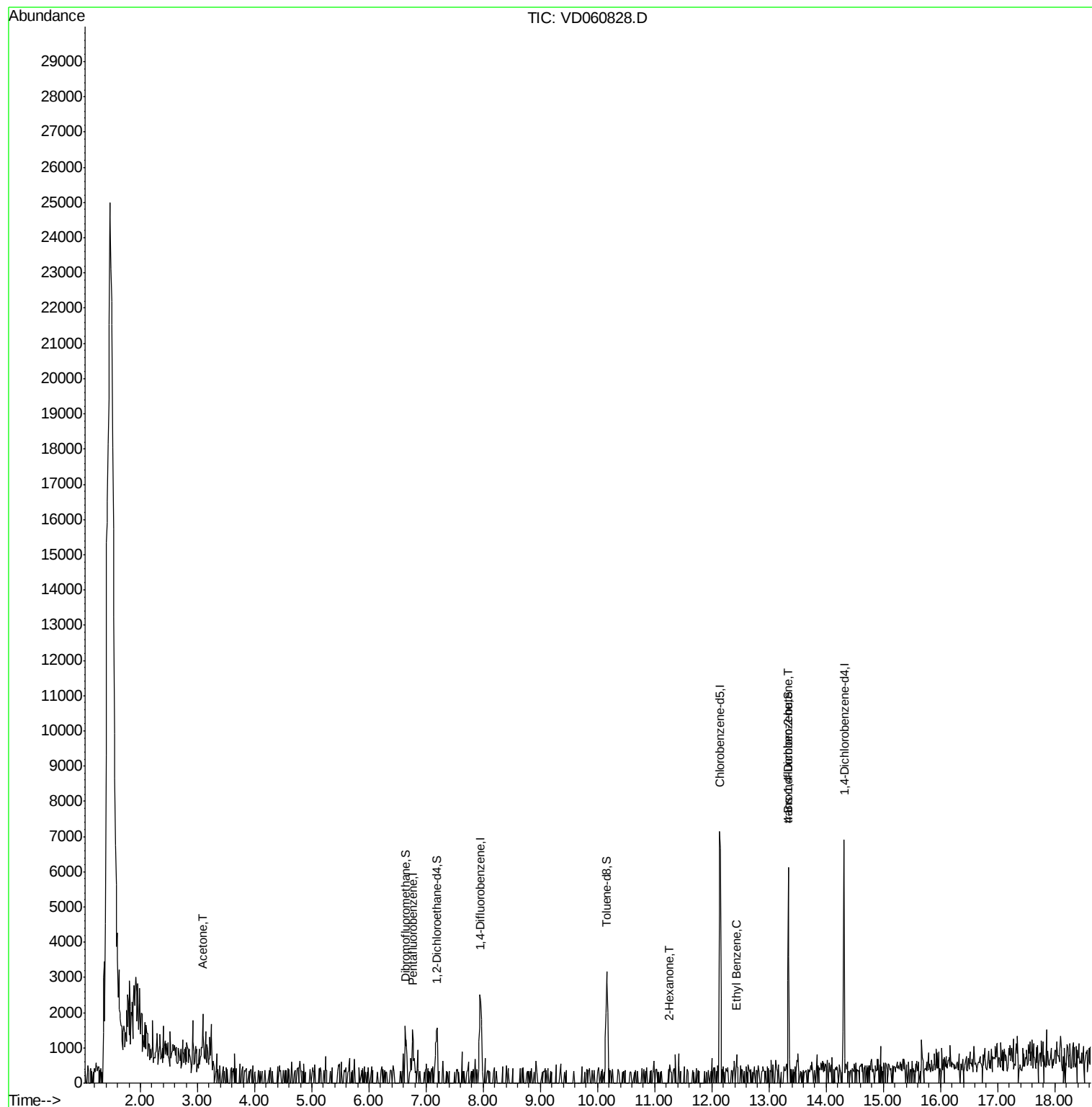
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.76	168	2617	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.95	114	4490	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.15	117	4212	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.30	152	1582	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.19	65	2216	55.23	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	6.64	113	1055	24.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	49.00%	
50) Toluene-d8	10.16	98	3463	34.44	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	68.88%	
62) 4-Bromofluorobenzene	13.34	95	1910	37.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.58%	
Target Compounds						
					Qvalue	
16) Acetone	3.09	43	422	72.824	ug/l #	59
59) 2-Hexanone	11.27	43	205	13.489	ug/l #	27
67) Ethyl Benzene	12.43	91	297	1.716	ug/l #	49
81) trans-1,4-Dichloro-2-buten	13.34	75	1334	176.381	ug/l #	1

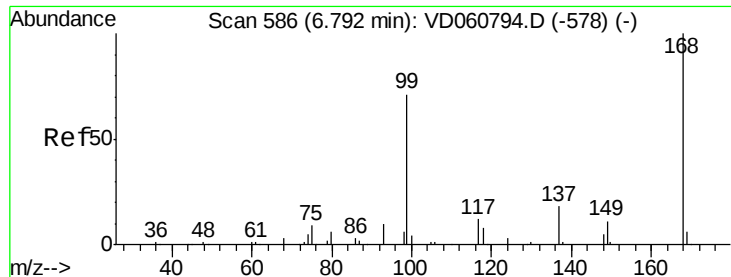
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.76 min Scan# 583

Delta R.T. -0.03 min

Lab File: VD060828.D

Acq: 1 Feb 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

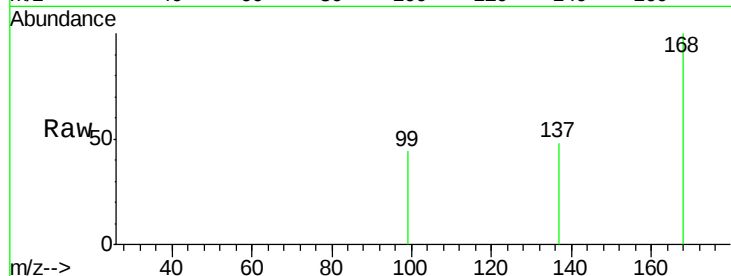
SOIL-PILERE

Tot Ion:168 Resp: 2617

Ion Ratio Lower Upper

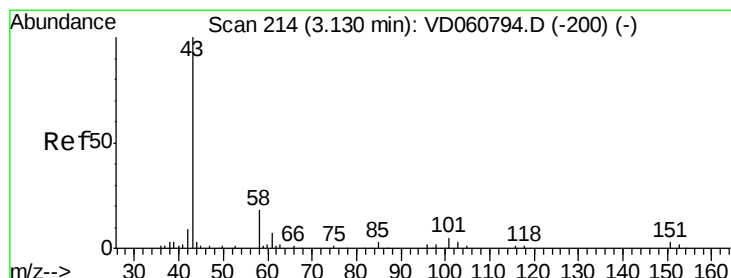
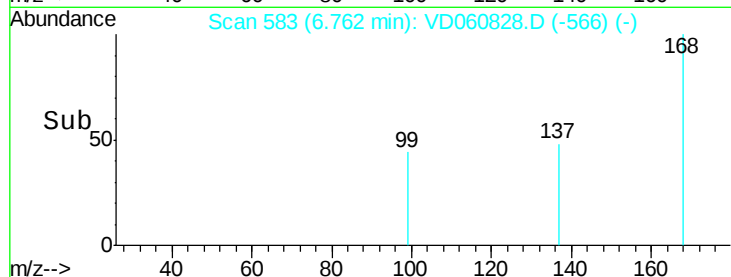
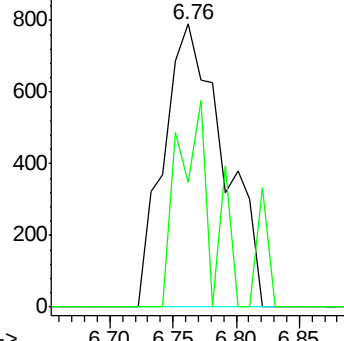
168 100

99 44.2 59.2 88.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 72.824 ug/l

RT: 3.09 min Scan# 210

Delta R.T. -0.04 min

Lab File: VD060828.D

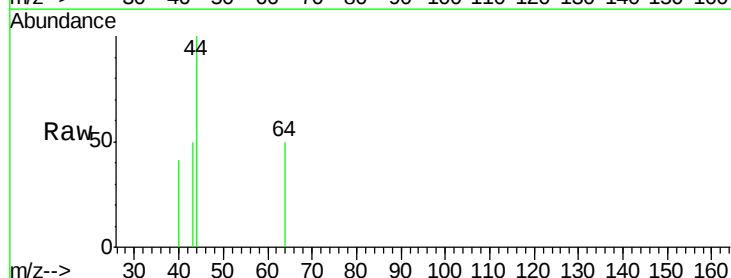
Acq: 1 Feb 2019 19:26

Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

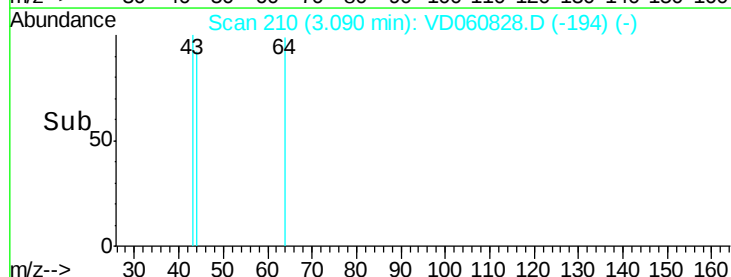
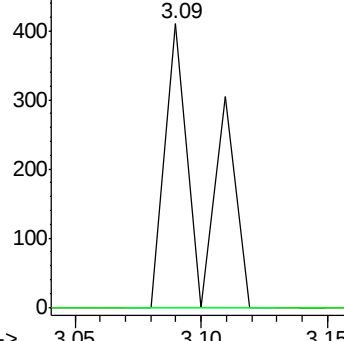
43 100

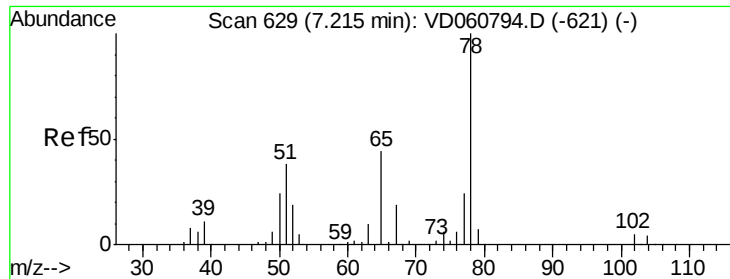
58 0.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

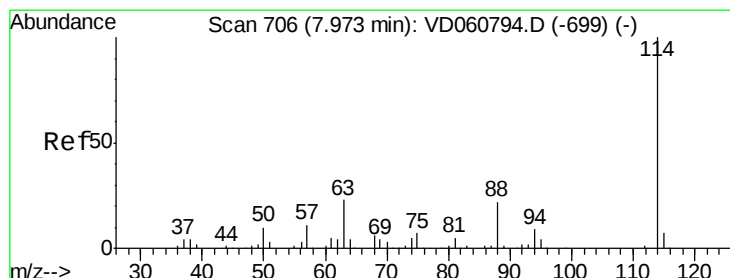
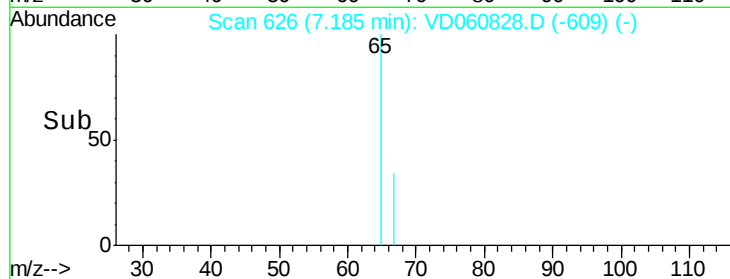
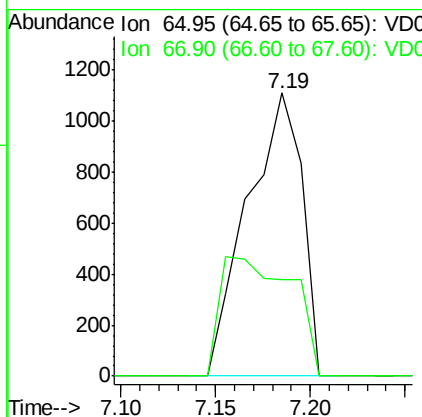
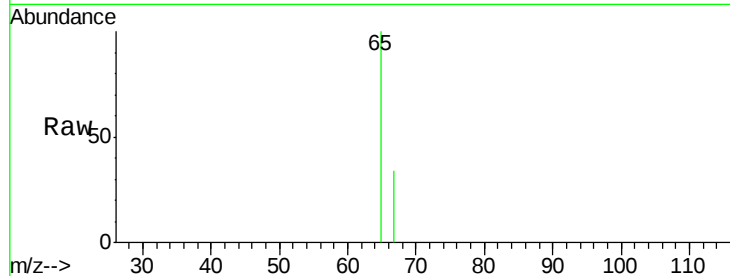




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.19 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: VD060828.D
 Acq: 1 Feb 2019 19:26

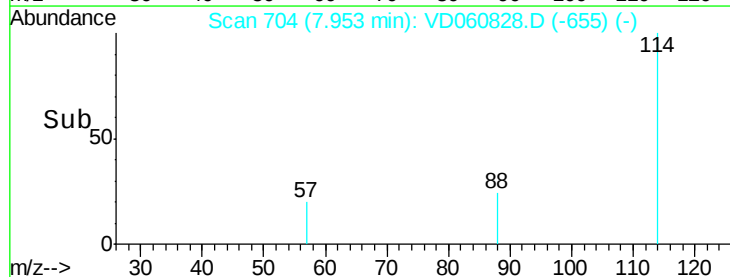
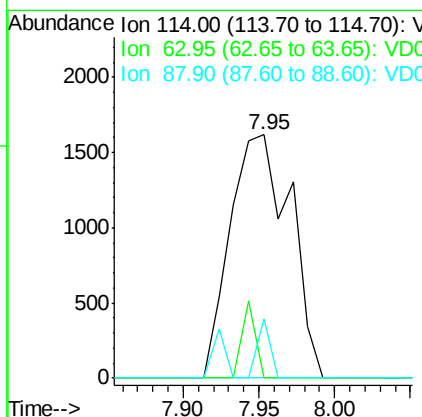
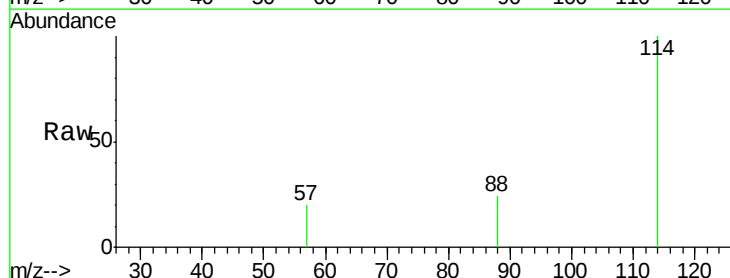
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILERE

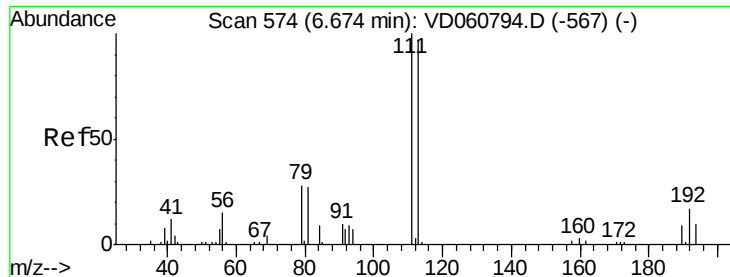
Tot Ion: 65 Resp: 2216
 Ion Ratio Lower Upper
 65 100
 67 34.1 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VD060828.D
 Acq: 1 Feb 2019 19:26

Tgt Ion: 114 Resp: 4490
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 46.6
 88 24.2 0.0 44.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.64 min Scan# 571

Delta R.T. -0.03 min

Lab File: VD060828.D

Acq: 1 Feb 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILERE

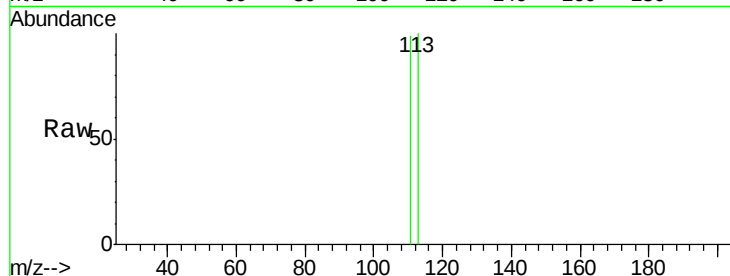
Tot Ion:113 Resp: 1055

Ion Ratio Lower Upper

113 100

111 98.9 82.3 123.5

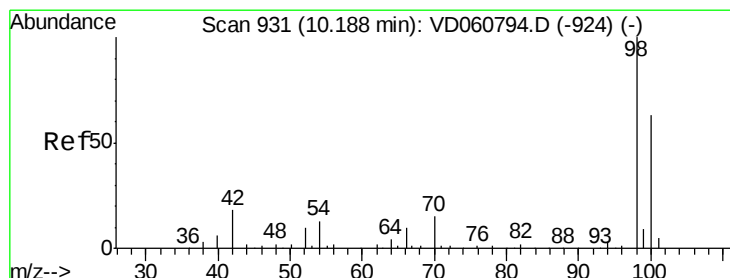
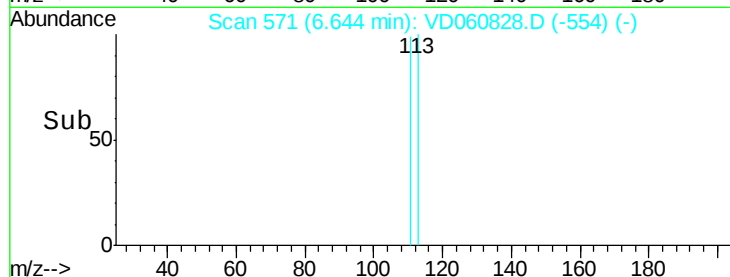
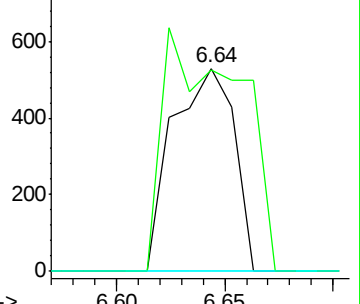
192 0.0 14.4 21.6#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.16 min Scan# 928

Delta R.T. -0.03 min

Lab File: VD060828.D

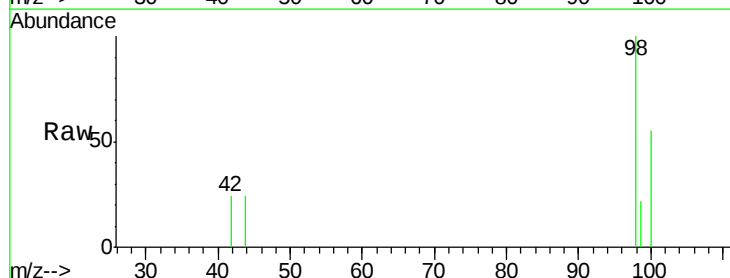
Acq: 1 Feb 2019 19:26

Tgt Ion: 98 Resp: 3463

Ion Ratio Lower Upper

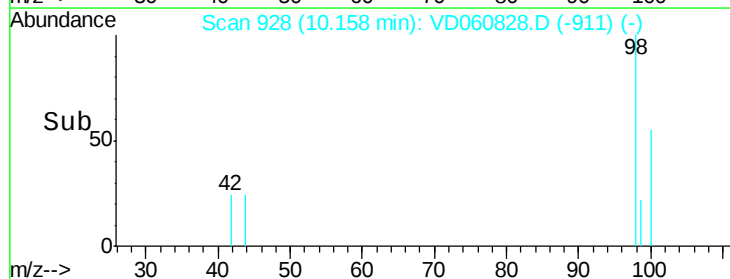
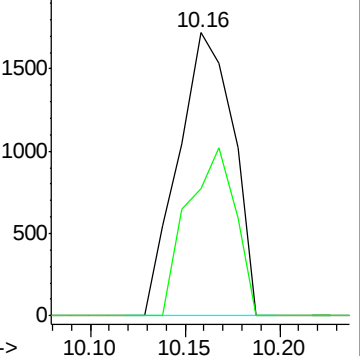
98 100

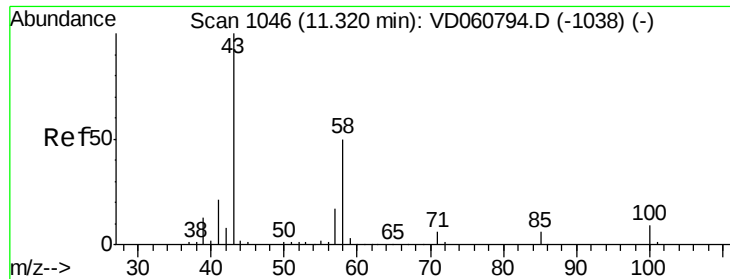
100 44.9 51.0 76.6#



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

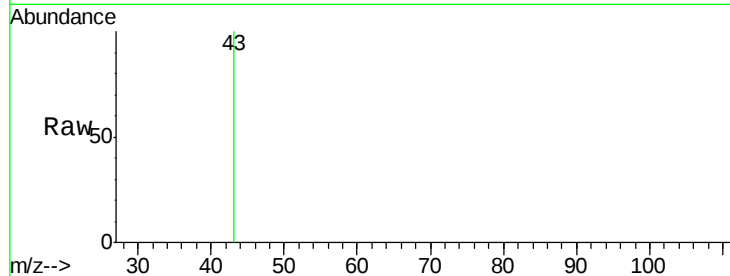




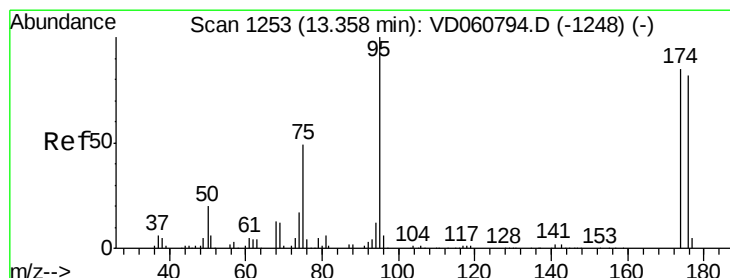
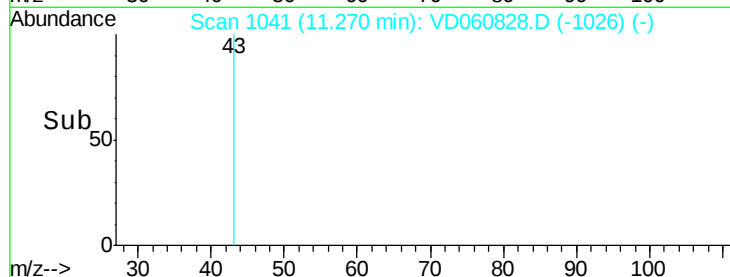
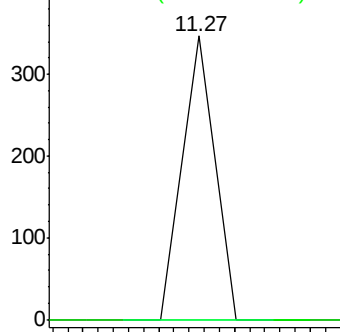
#59
2-Hexanone
Concen: 13.489 ug/l
RT: 11.27 min Scan# 1041
Delta R.T. -0.05 min
Lab File: VD060828.D
Acq: 1 Feb 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

Tot Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
58 0.0 25.0 75.0#

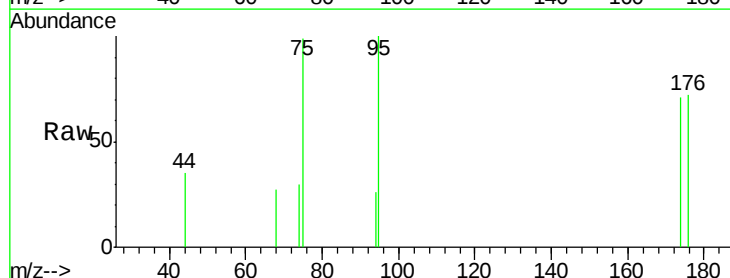


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

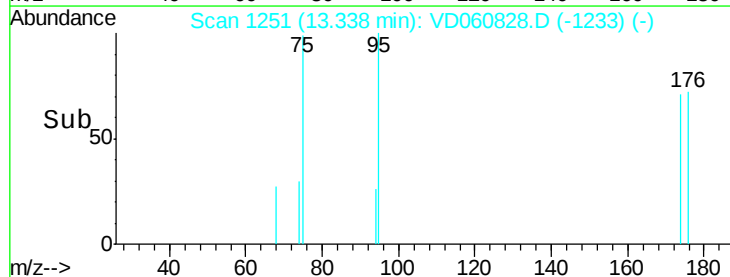
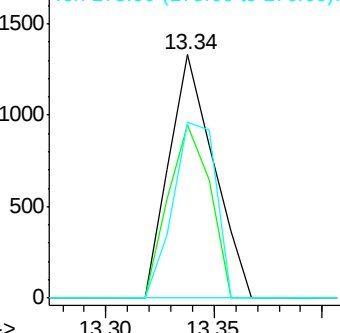


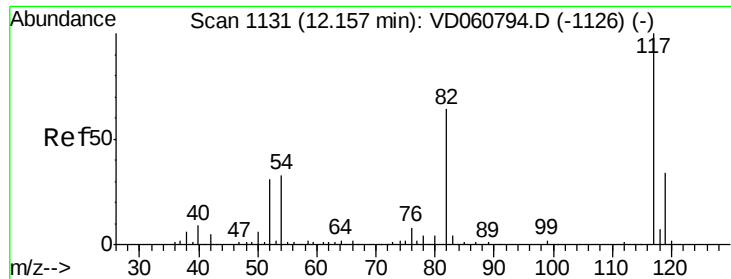
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.34 min Scan# 1251
Delta R.T. -0.02 min
Lab File: VD060828.D
Acq: 1 Feb 2019 19:26

Tgt Ion: 95 Resp: 1910
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.6
176 72.1 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

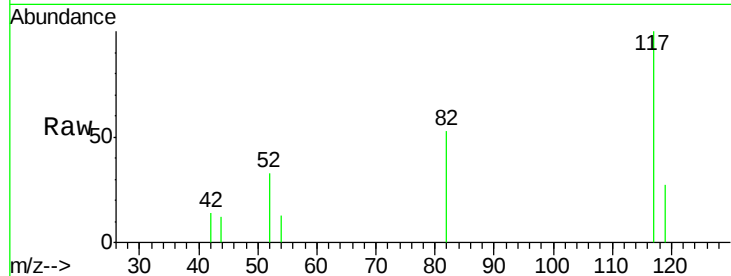




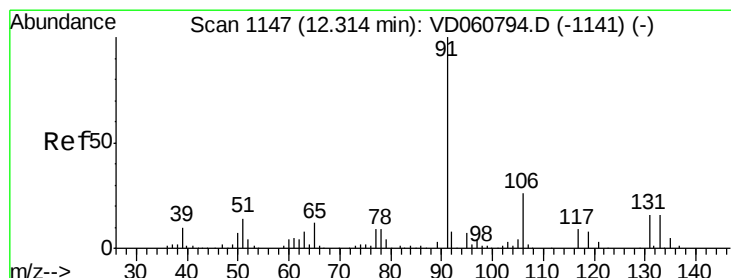
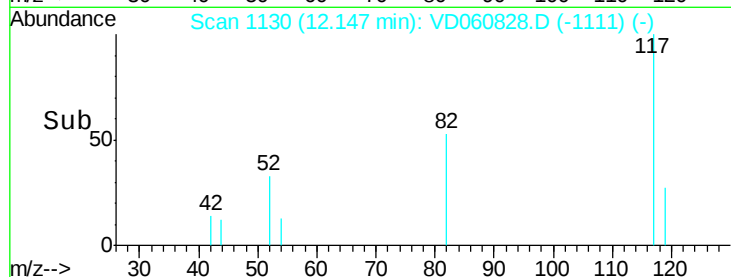
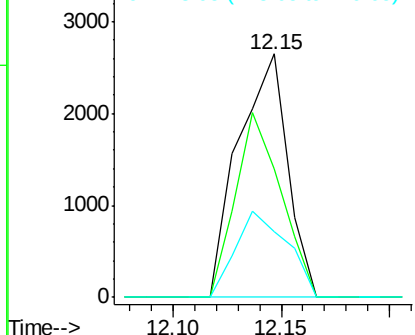
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.15 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VD060828.D
Acq: 1 Feb 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

Tot Ion:117 Resp: 4212
Ion Ratio Lower Upper
117 100
82 52.5 51.5 77.3
119 26.9 27.1 40.7#

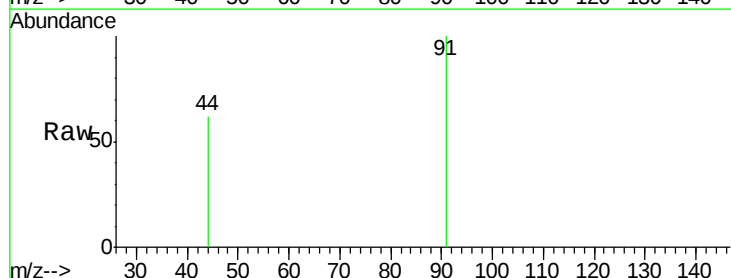


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

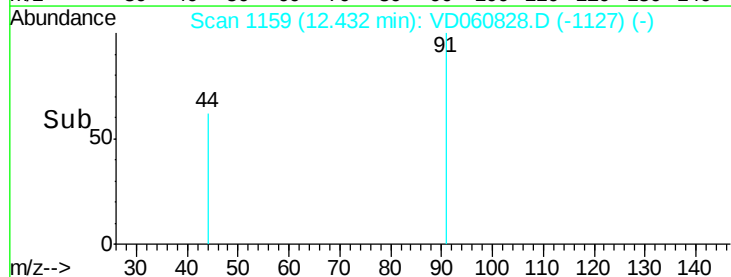
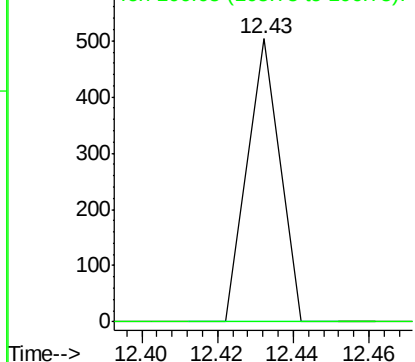


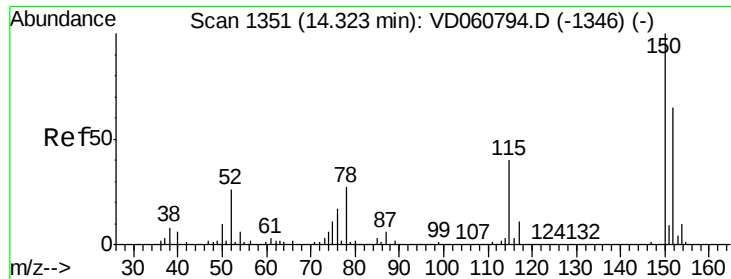
#67
Ethyl Benzene
Concen: 1.716 ug/l
RT: 12.43 min Scan# 1159
Delta R.T. 0.12 min
Lab File: VD060828.D
Acq: 1 Feb 2019 19:26

Tgt Ion: 91 Resp: 297
Ion Ratio Lower Upper
91 100
106 0.0 21.0 31.6#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.05 (105.75 to 106.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.30 min Scan# 1349

Delta R.T. -0.02 min

Lab File: VD060828.D

Acq: 1 Feb 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILERE

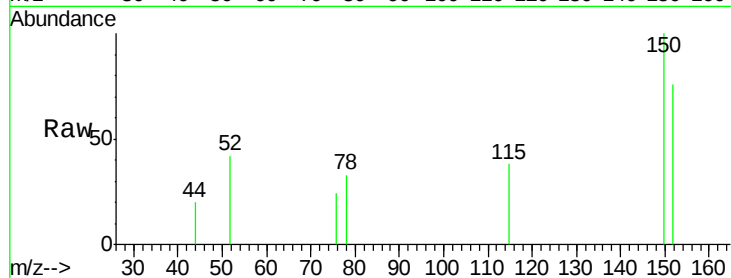
Tot Ion:152 Resp: 1582

Ion Ratio Lower Upper

152 100

115 50.2 31.6 95.0

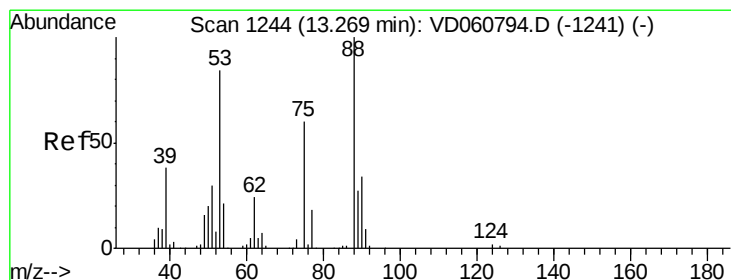
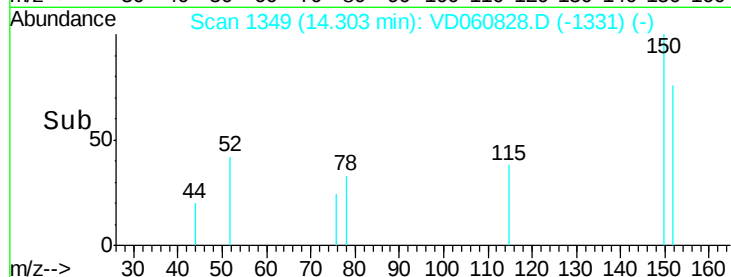
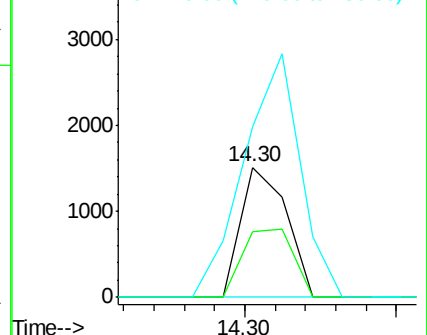
150 131.2 0.0 317.6



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: 176.381 ug/l

RT: 13.34 min Scan# 1251

Delta R.T. 0.07 min

Lab File: VD060828.D

Acq: 1 Feb 2019 19:26

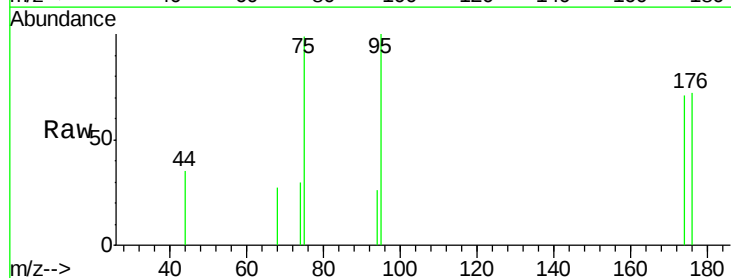
Tgt Ion: 75 Resp: 1334

Ion Ratio Lower Upper

75 100

53 0.0 111.6 167.4#

89 0.0 35.9 53.9#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

