

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063908.D
 Acq On : 10 Oct 2019 14:16
 Operator : VA/SY
 Sample : K5285-09RE
 Misc : 5.09G/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-S1RE

Quant Time: Oct 11 08:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

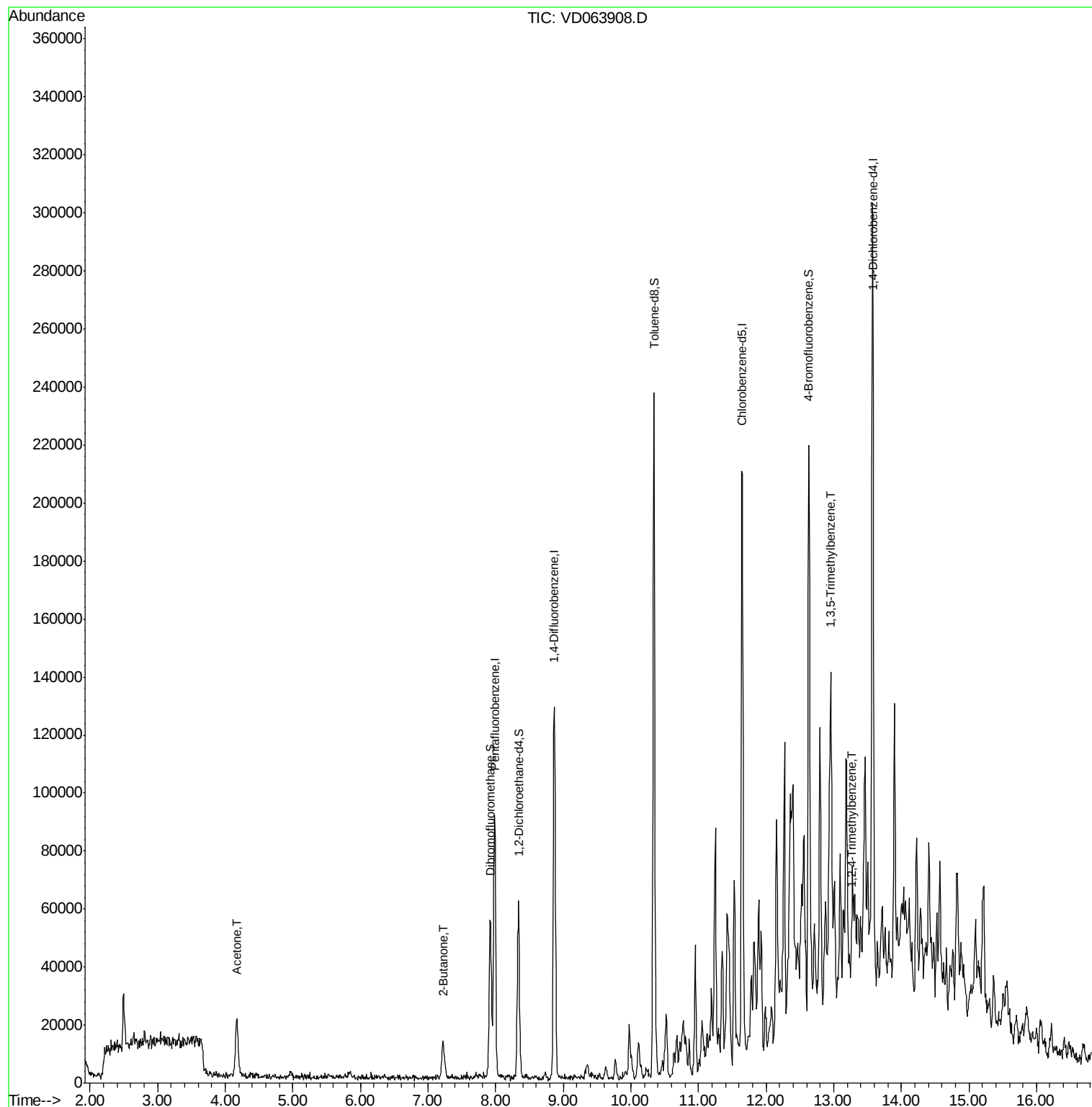
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	67615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	114915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	120685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	68997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	46005	69.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.78%	
35) Dibromofluoromethane	7.93	113	38626	55.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.00%	
50) Toluene-d8	10.34	98	148873	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.63	95	54933	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
Target Compounds						
16) Acetone	4.17	43	36849	215.005	ug/l #	82
25) 2-Butanone	7.23	43	12424	61.168	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.96	105	5181	1.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	6716	1.683	ug/l	87

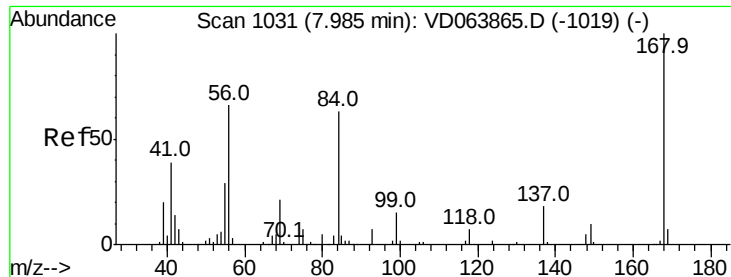
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101019\
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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD063908.D

Acq: 10 Oct 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

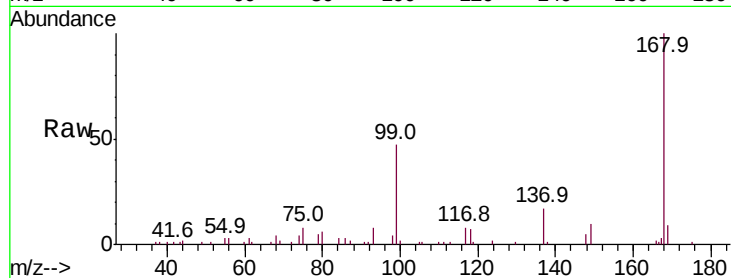
TP-2-SIRE

Tot Ion:168 Resp: 67615

Ion Ratio Lower Upper

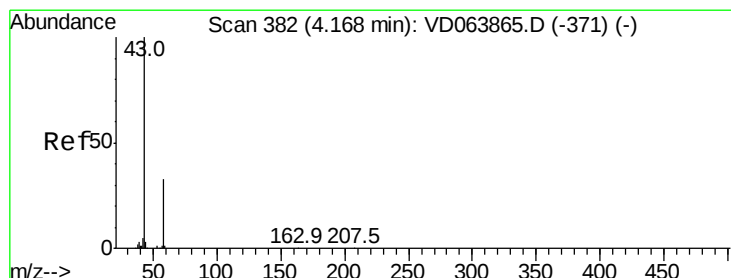
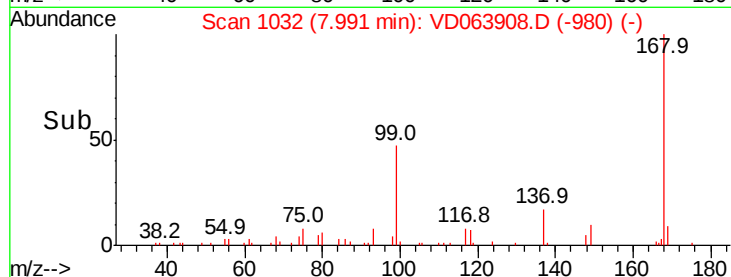
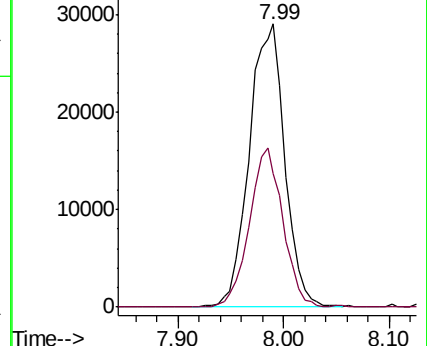
168 100

99 47.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 215.005 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD063908.D

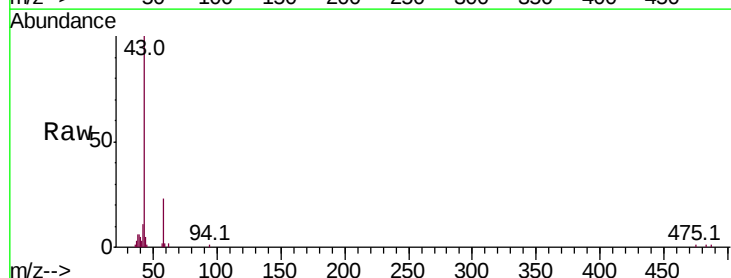
Acq: 10 Oct 2019 14:16

Tgt Ion: 43 Resp: 36849

Ion Ratio Lower Upper

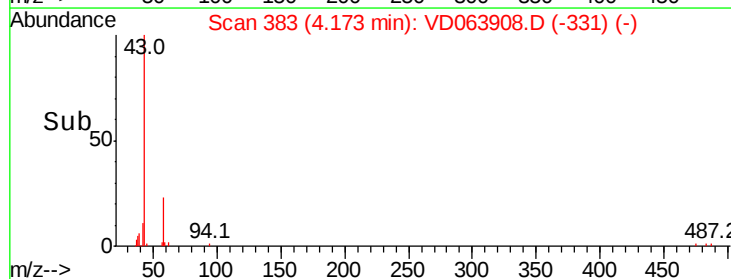
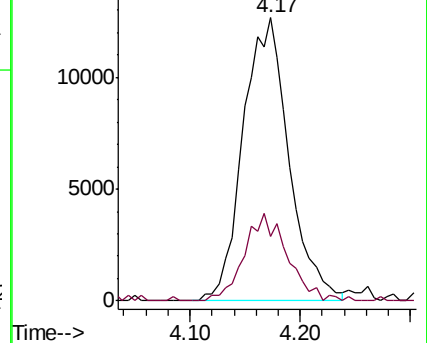
43 100

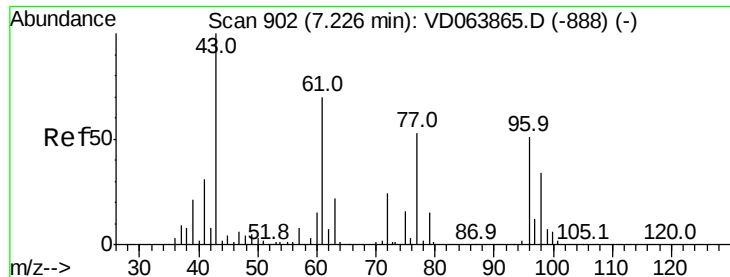
58 22.8 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 61.168 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063908.D

Acq: 10 Oct 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

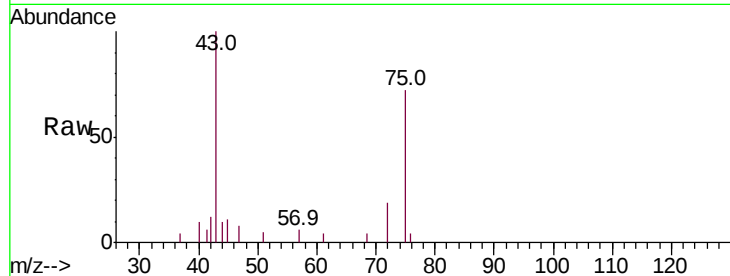
TP-2-S1RE

Tot Ion: 43 Resp: 12424

Ion Ratio Lower Upper

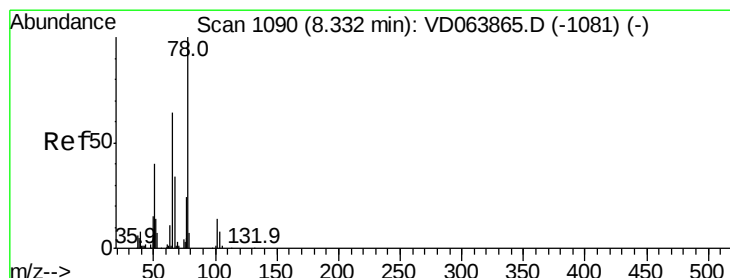
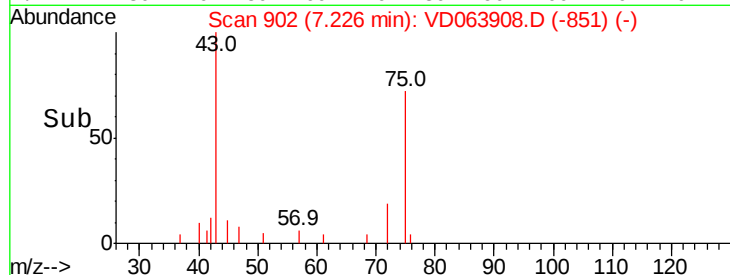
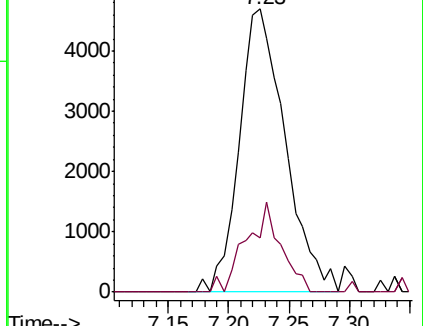
43 100

72 19.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 69.886 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063908.D

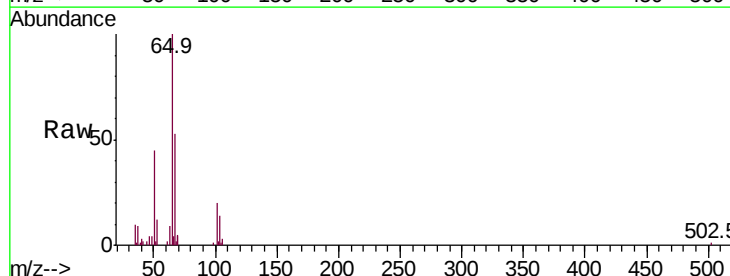
Acq: 10 Oct 2019 14:16

Tgt Ion: 65 Resp: 46005

Ion Ratio Lower Upper

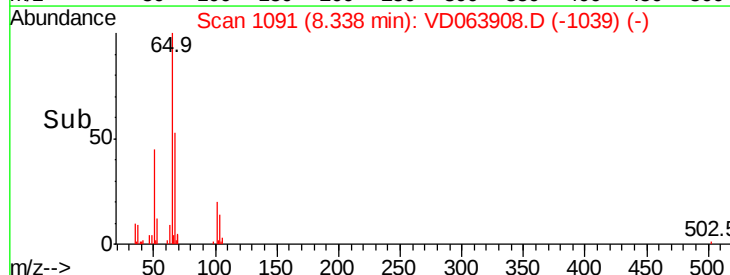
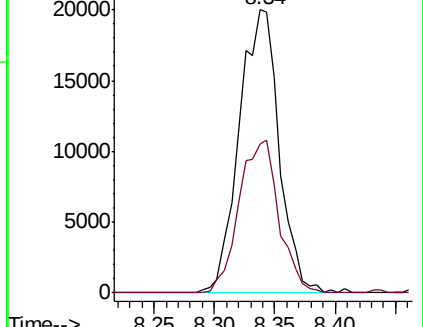
65 100

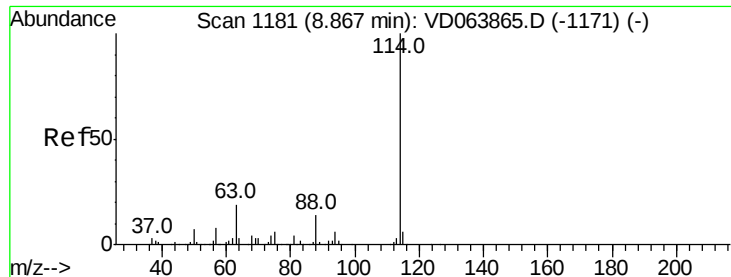
67 53.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

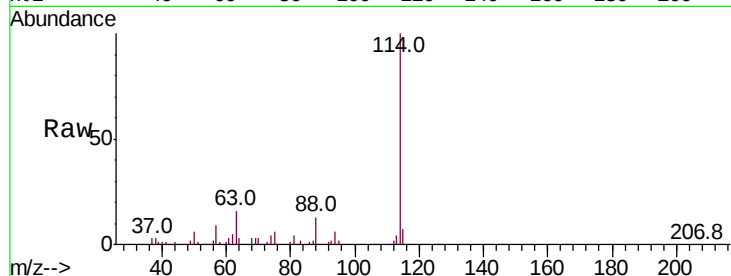




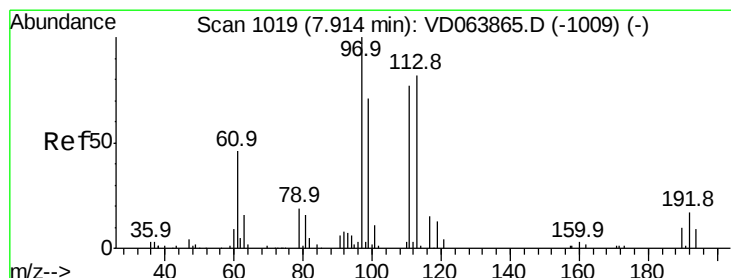
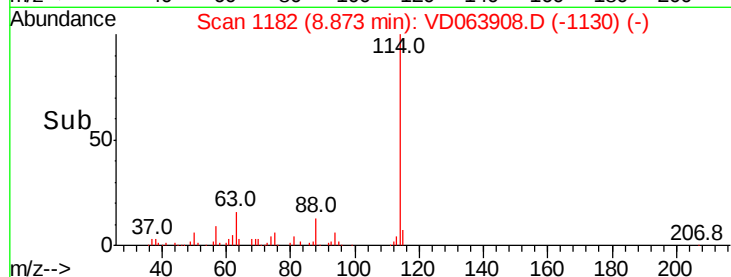
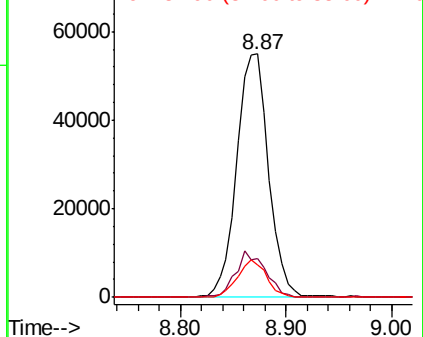
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD063908.D
Acq: 10 Oct 2019 14:16

Instrument :
MSVOA_D
ClientSampleId :
TP-2-S1RE

Tot Ion:114 Resp: 114915
Ion Ratio Lower Upper
114 100
63 15.8 0.0 38.4
88 13.4 0.0 27.4

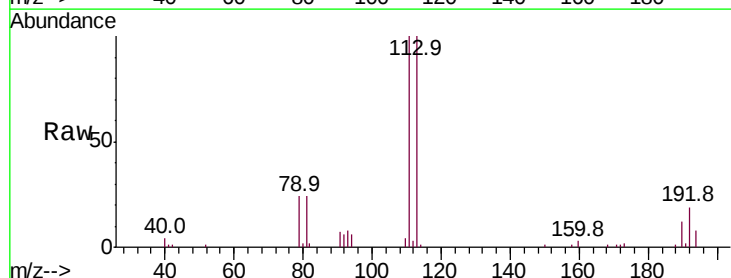


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

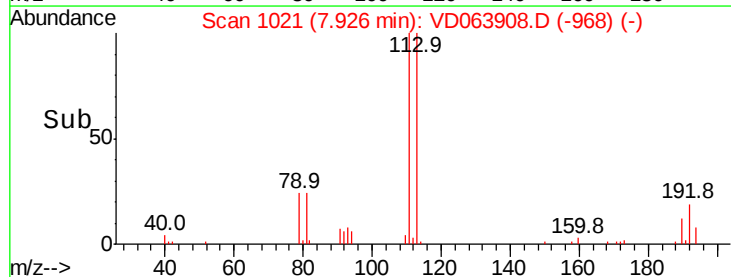
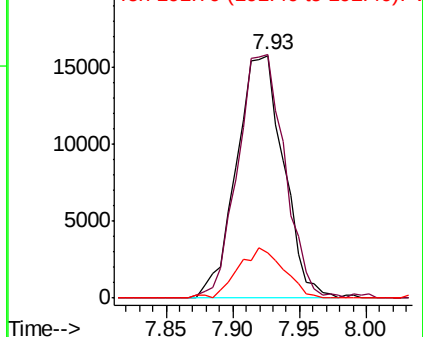


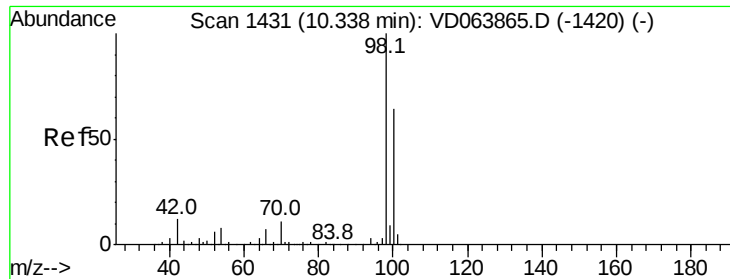
#35
Dibromofluoromethane
Concen: 55.001 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD063908.D
Acq: 10 Oct 2019 14:16

Tgt Ion:113 Resp: 38626
Ion Ratio Lower Upper
113 100
111 99.9 82.6 123.8
192 20.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.228 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063908.D

Acq: 10 Oct 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

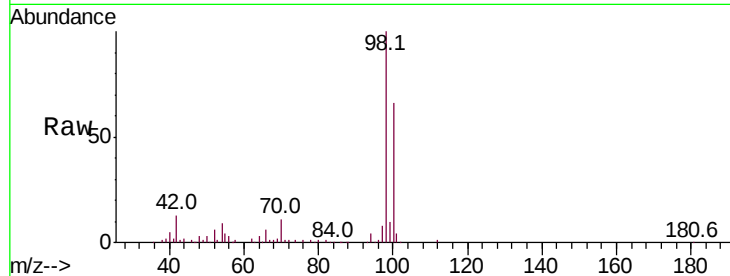
TP-2-SIRE

Tot Ion: 98 Resp: 148873

Ion Ratio Lower Upper

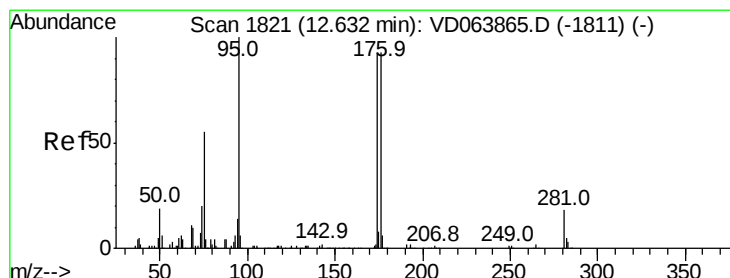
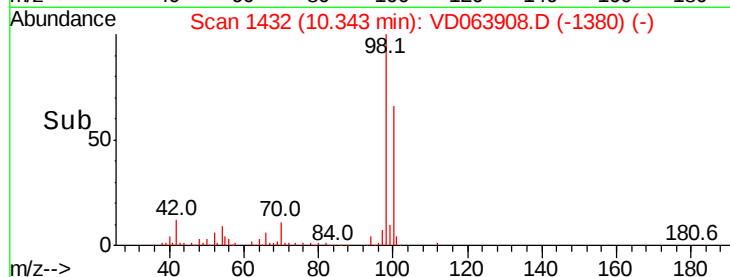
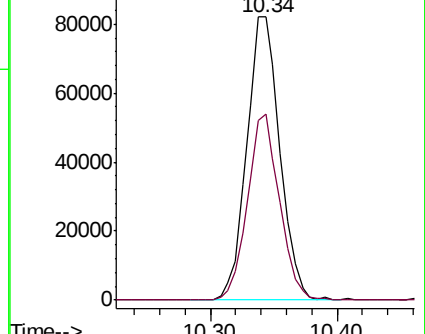
98 100

100 63.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.458 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063908.D

Acq: 10 Oct 2019 14:16

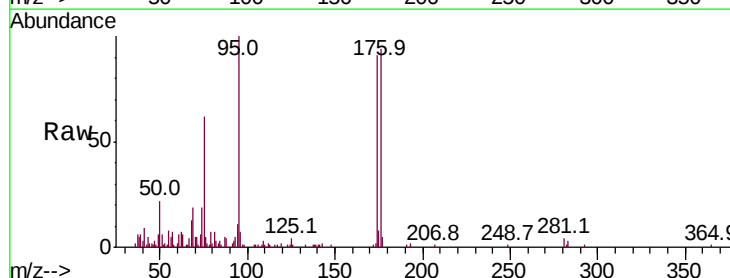
Tgt Ion: 95 Resp: 54933

Ion Ratio Lower Upper

95 100

174 96.1 0.0 186.4

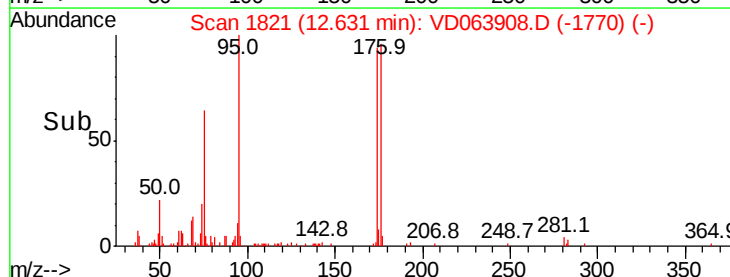
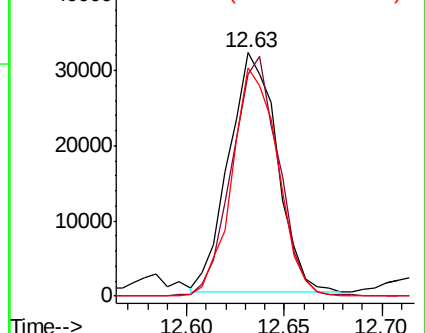
176 90.3 0.0 184.2

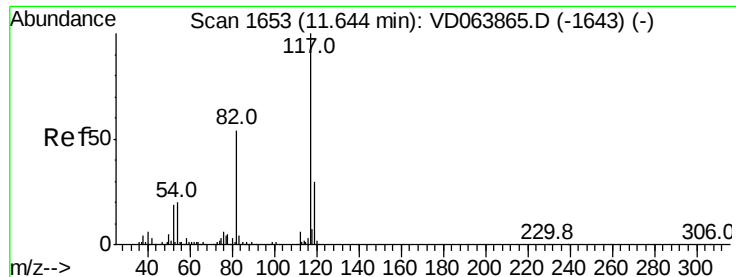


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

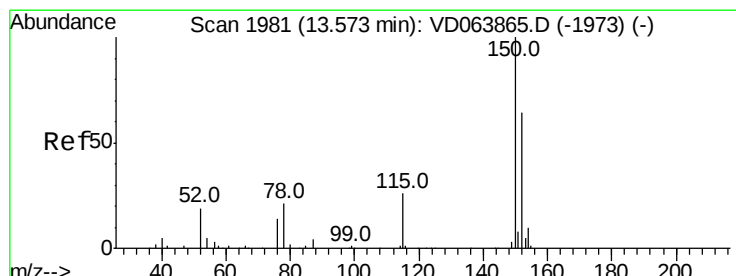
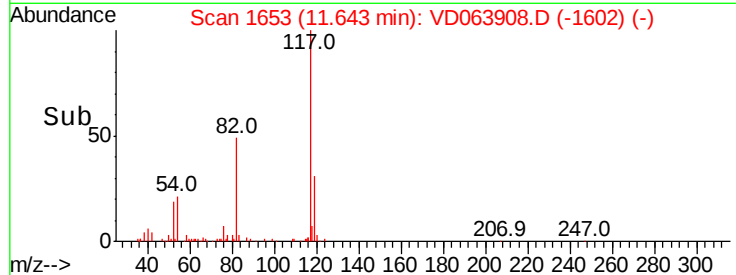
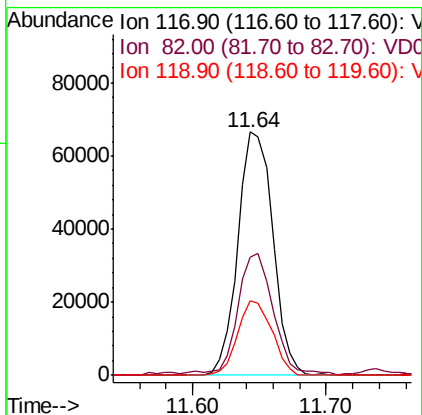
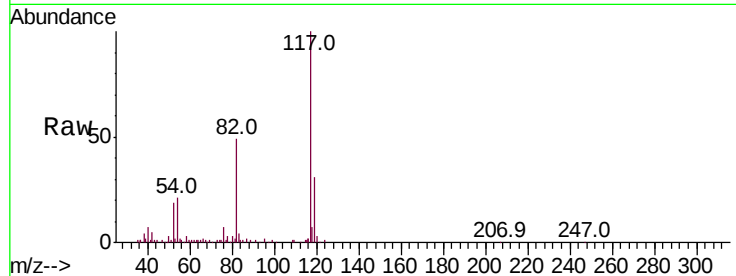




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063908.D
Acq: 10 Oct 2019 14:16

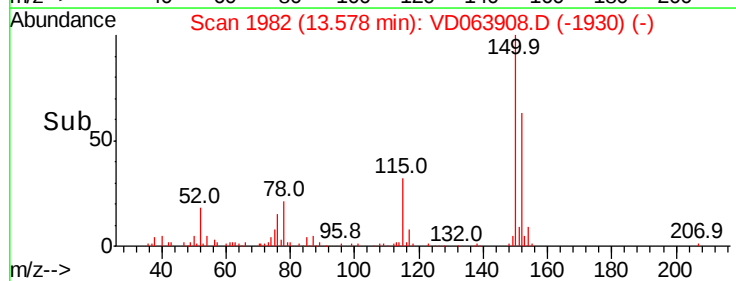
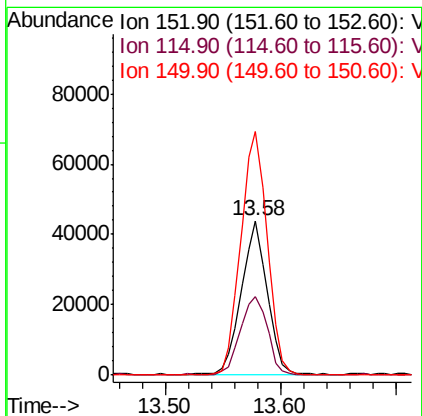
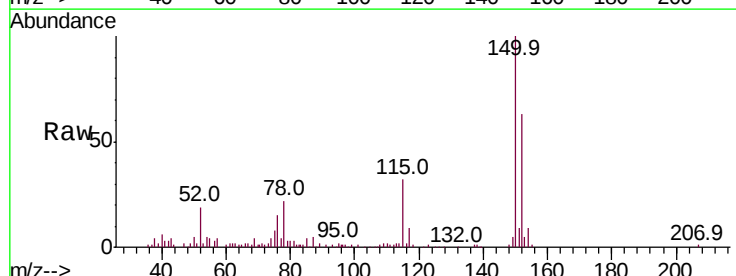
Instrument :
MSVOA_D
ClientSampleId :
TP-2-SIRE

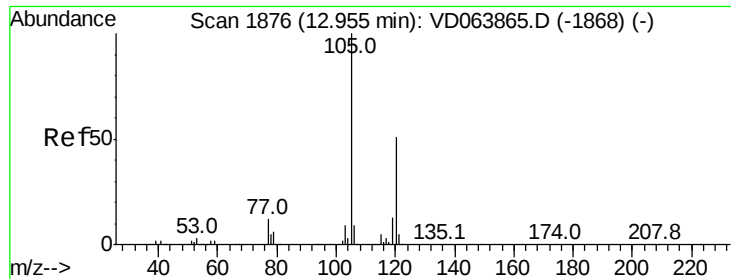
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	42.8	64.2
119	30.8	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063908.D
Acq: 10 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	25.9	77.7
150	159.7	0.0	344.2





#80

1,3,5-Trimethylbenzene

Concen: 1.339 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VD063908.D

Acq: 10 Oct 2019 14:16

Instrument :

MSVOA_D

ClientSampleId :

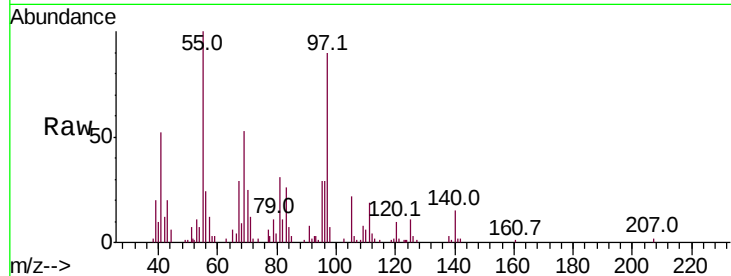
TP-2-S1RE

Tot Ion:105 Resp: 5181

Ion Ratio Lower Upper

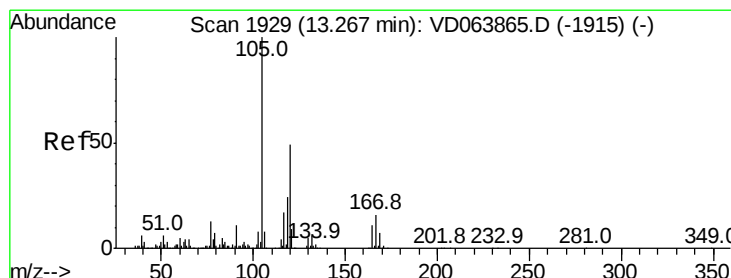
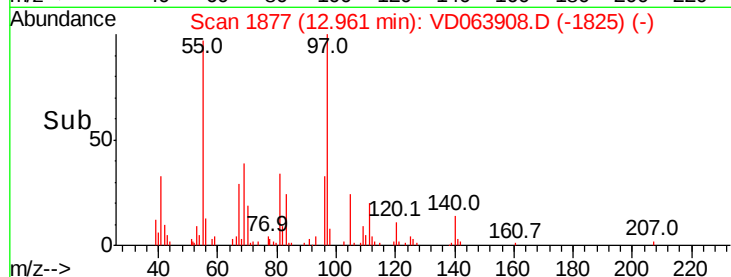
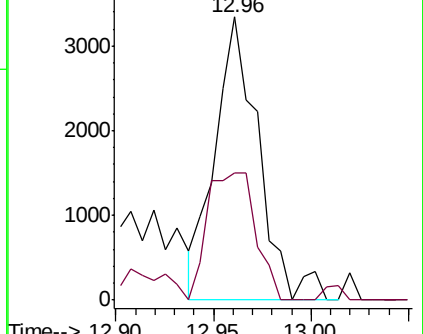
105 100

120 49.8 25.9 77.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.683 ug/l

RT: 13.26 min Scan# 1928

Delta R.T. -0.01 min

Lab File: VD063908.D

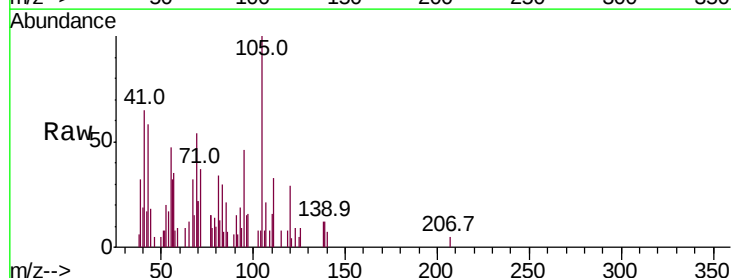
Acq: 10 Oct 2019 14:16

Tgt Ion:105 Resp: 6716

Ion Ratio Lower Upper

105 100

120 39.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

