

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030220\
 Data File : VD065373.D
 Acq On : 02 Mar 2020 12:16
 Operator : VA/SY
 Sample : L1369-01
 Misc : 6.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-022820

Quant Time: Mar 02 13:25:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

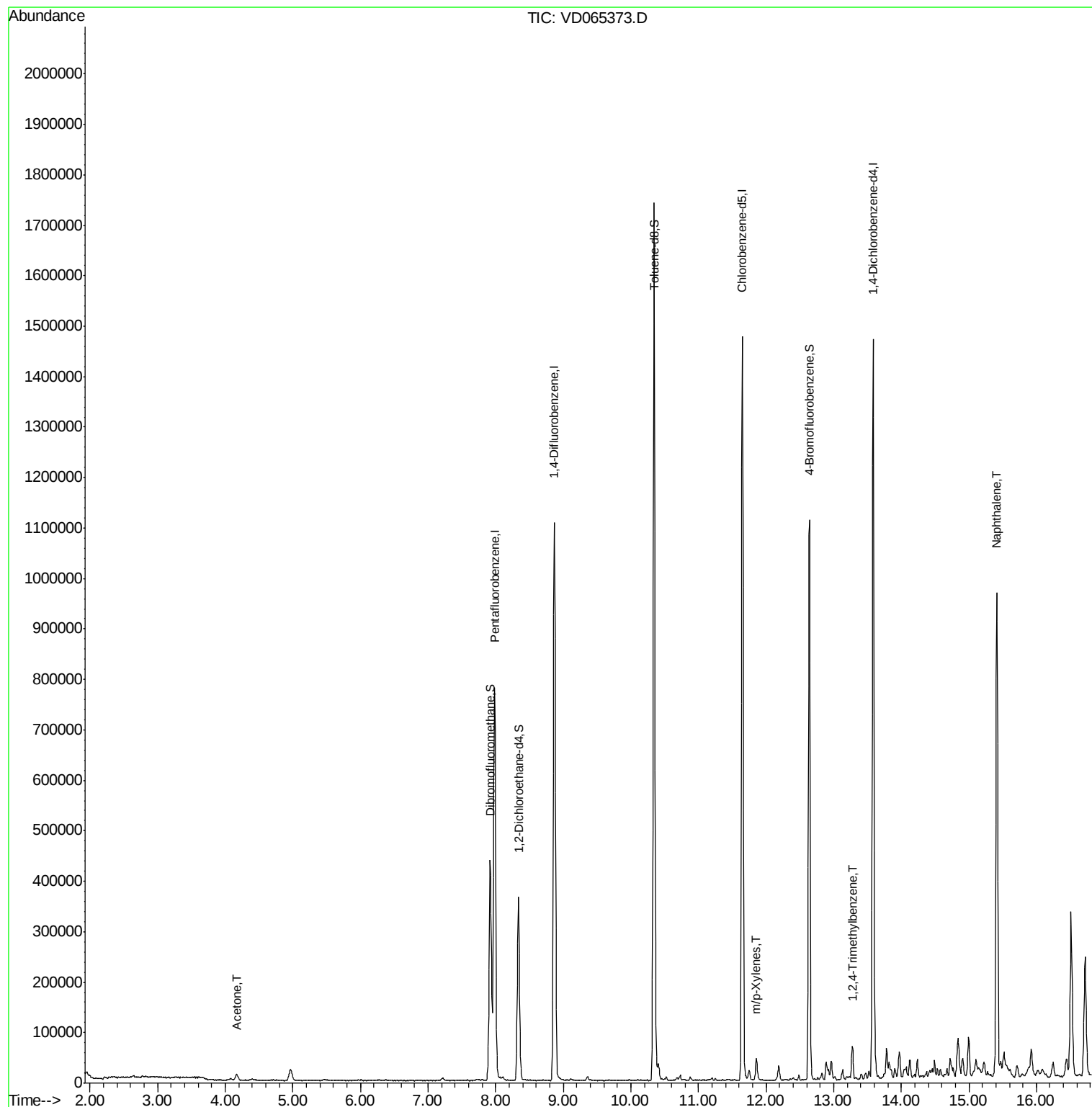
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	605895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	989037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	887425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	412231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	285967	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.92	113	312607	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	10.34	98	1189916	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.64	95	364922	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
16) Acetone	4.17	43	19665	14.759	ug/l	95
68) m/p-Xylenes	11.86	106	13134	1.101	ug/l	93
84) 1,2,4-Trimethylbenzene	13.28	105	36993	1.644	ug/l	98
95) Naphthalene	15.41	128	854243	71.411	ug/l	100

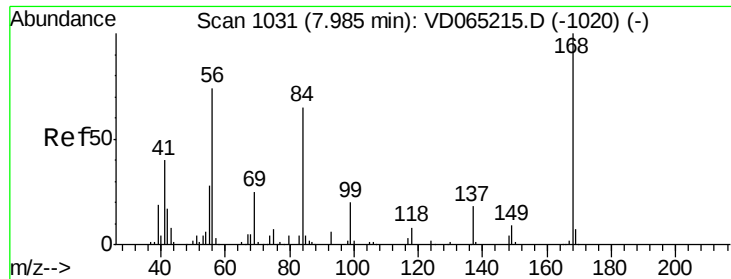
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030220\
Data File : VD065373.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065373.D

Acq: 02 Mar 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

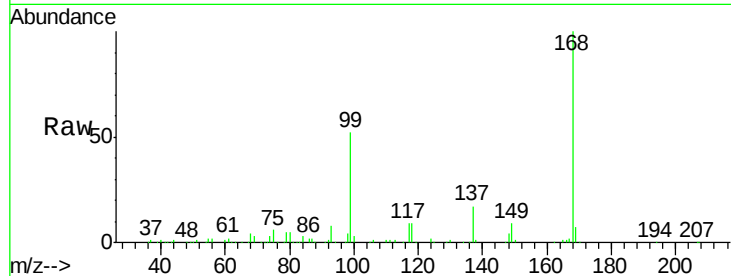
PL-02-022820

Tot Ion:168 Resp: 605895

Ion Ratio Lower Upper

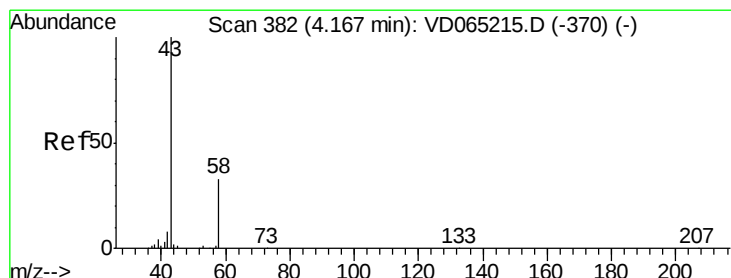
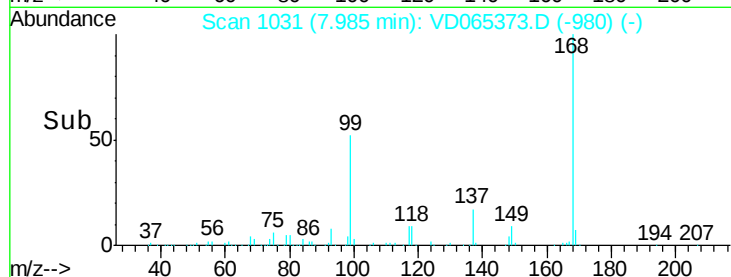
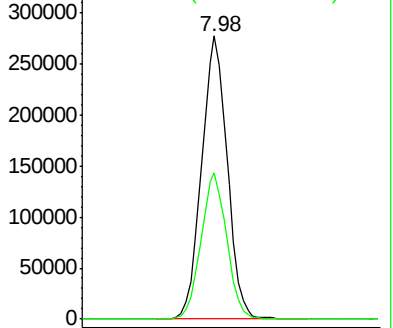
168 100

99 51.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.759 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065373.D

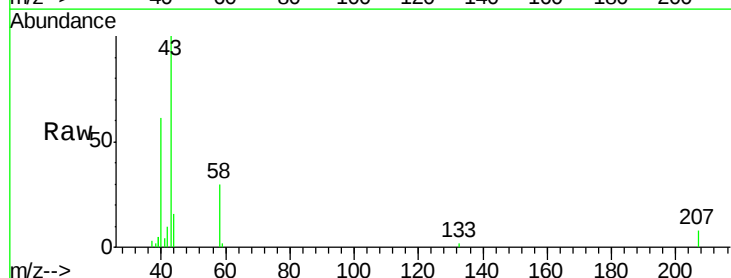
Acq: 02 Mar 2020 12:16

Tgt Ion: 43 Resp: 19665

Ion Ratio Lower Upper

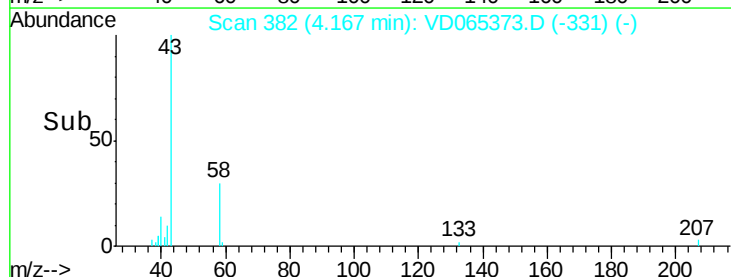
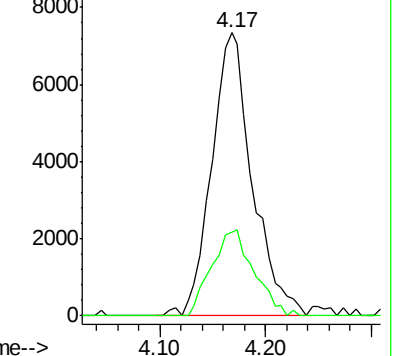
43 100

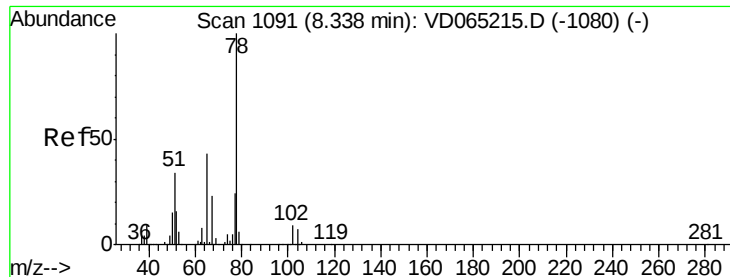
58 29.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

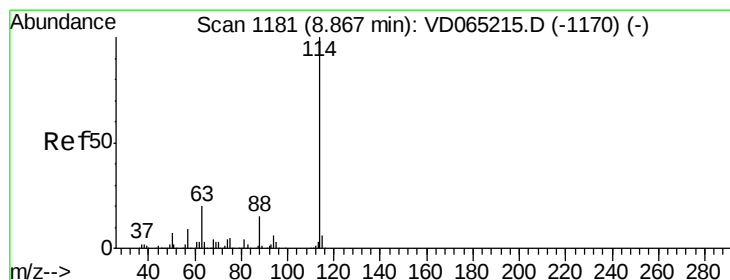
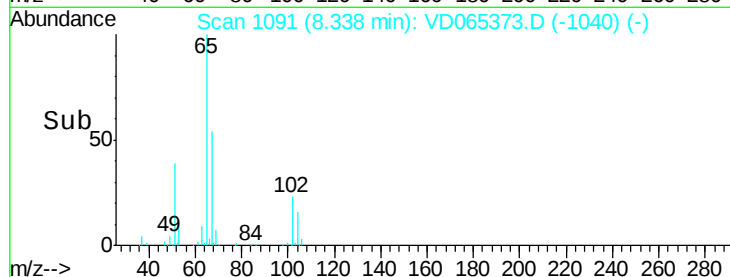
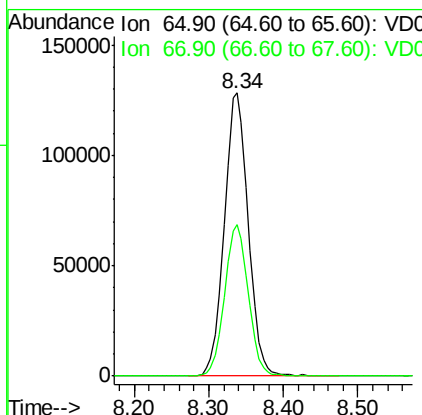
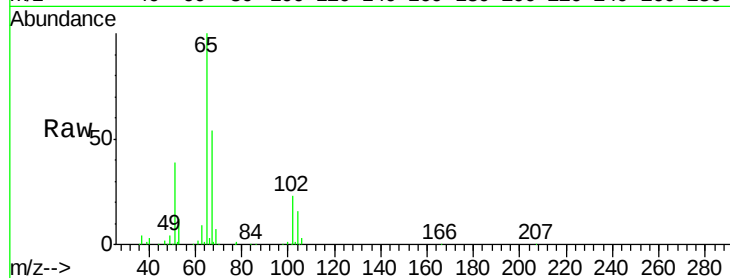




#33
 1,2-Dichloroethane-d4
 Concen: 52.464 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065373.D
 Acq: 02 Mar 2020 12:16

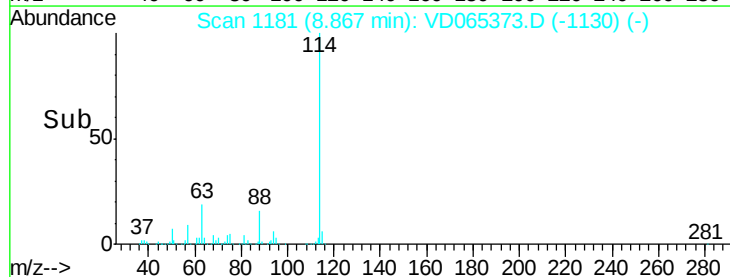
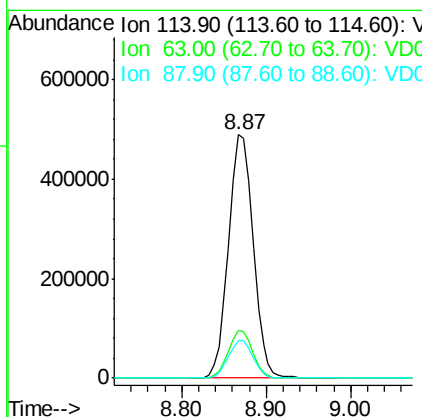
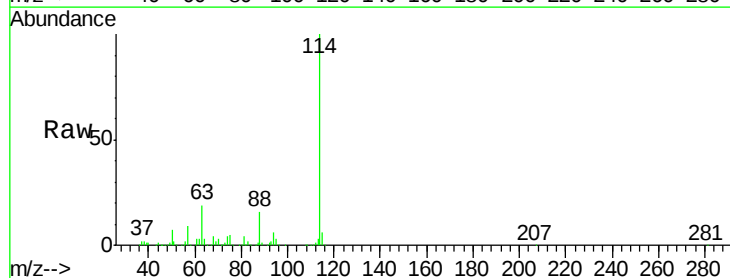
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 MSVOA_D
 ClientSampleId :
 PL-02-022820

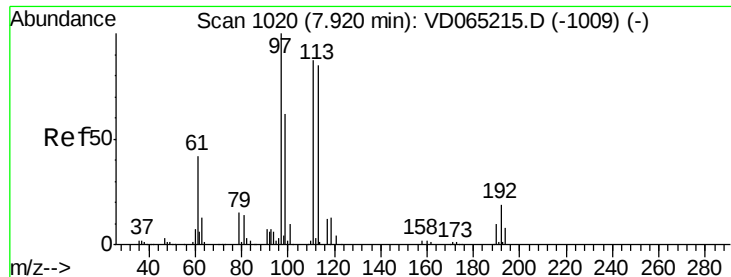
Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065373.D
 Acq: 02 Mar 2020 12:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.4
88	15.5	0.0	30.4

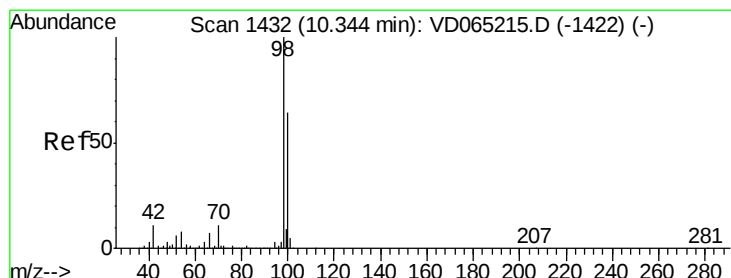
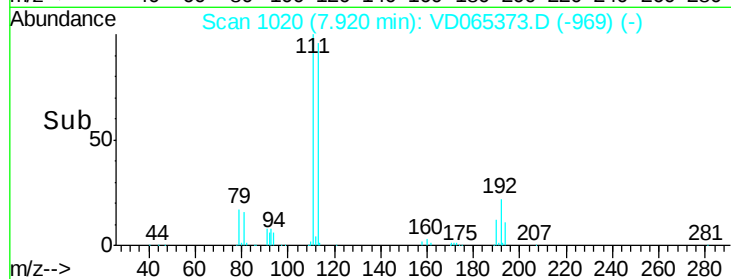
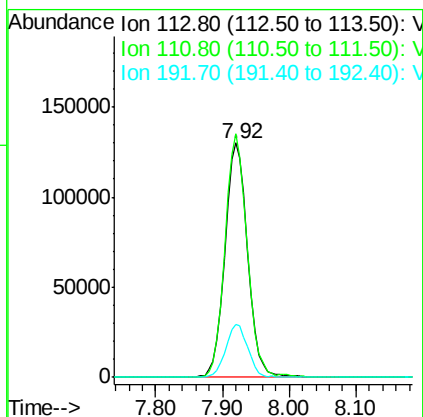
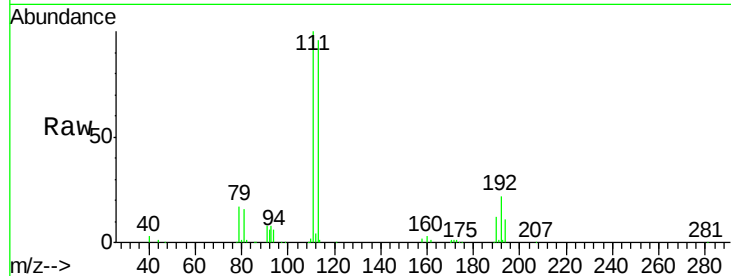




#35
Dibromofluoromethane
Concen: 51.837 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065373.D
Acq: 02 Mar 2020 12:16

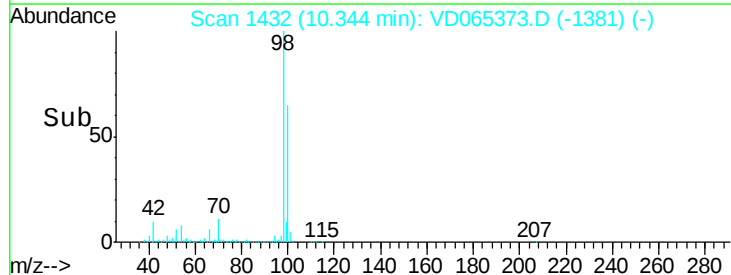
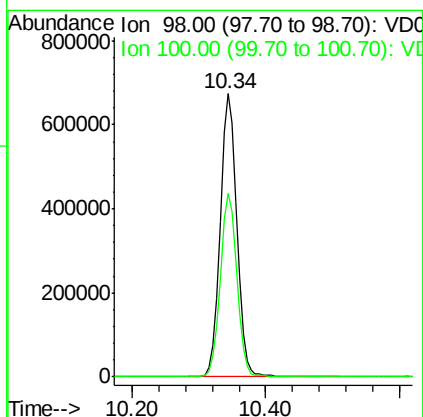
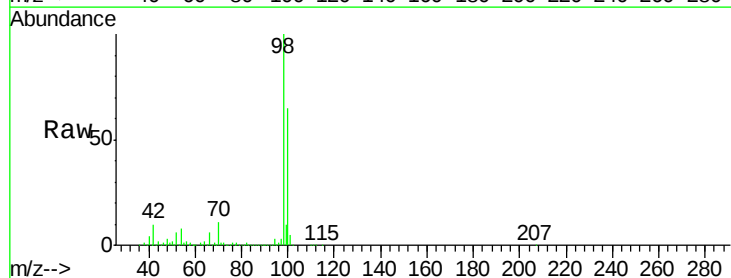
Instrument :
MSVOA_D
ClientSampleId :
PL-02-022820

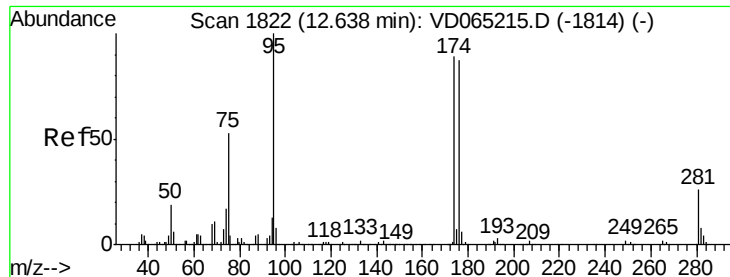
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	22.2	17.3	25.9



#50
Toluene-d8
Concen: 51.614 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065373.D
Acq: 02 Mar 2020 12:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 49.966 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065373.D

Acq: 02 Mar 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

PL-02-022820

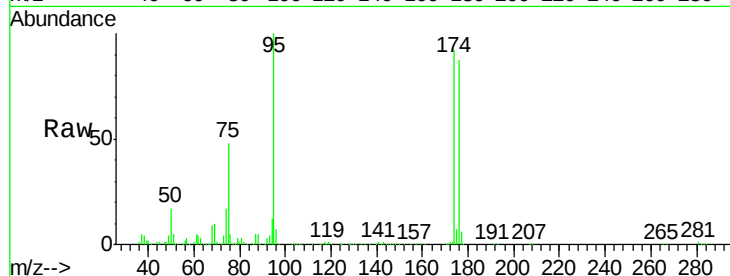
Tot Ion: 95 Resp: 364922

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.0

176 85.9 0.0 174.4



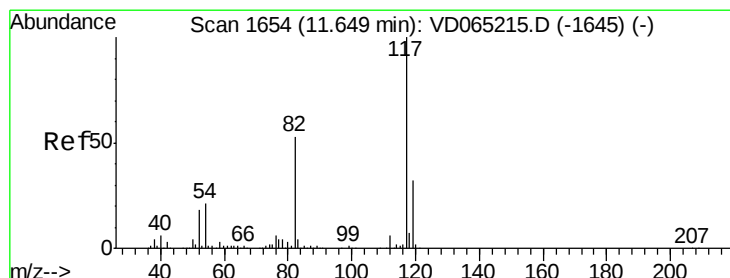
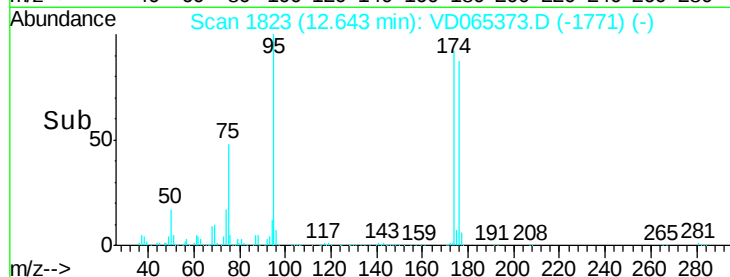
Abundance Ion 94.90 (94.60 to 95.60): VD065373.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065373.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065373.D (-1771) (-)

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065373.D

Acq: 02 Mar 2020 12:16

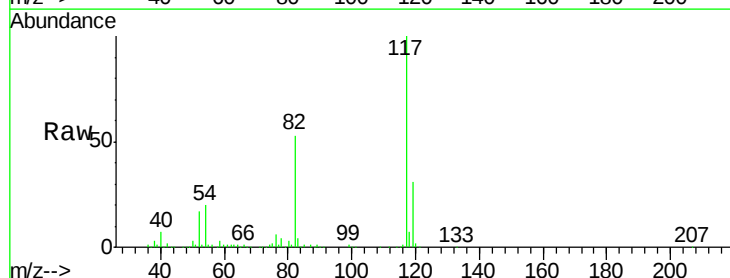
Tgt Ion: 117 Resp: 887425

Ion Ratio Lower Upper

117 100

82 52.9 42.7 64.1

119 31.3 25.5 38.3



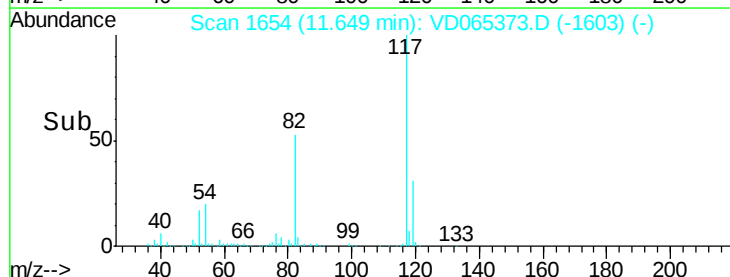
Abundance Ion 116.90 (116.60 to 117.60): VD065373.D (-1603) (-)

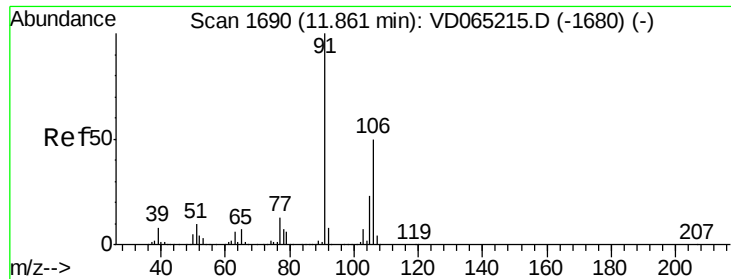
Ion 82.00 (81.70 to 82.70): VD065373.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065373.D (-1603) (-)

11.65

Time-->

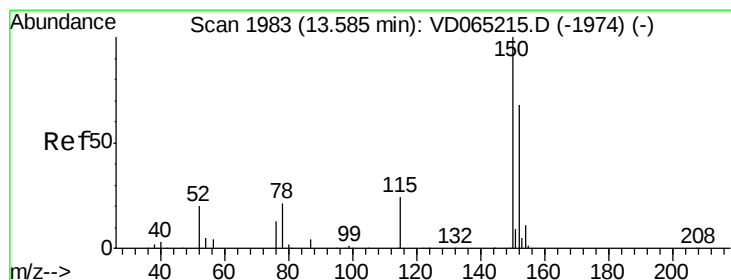
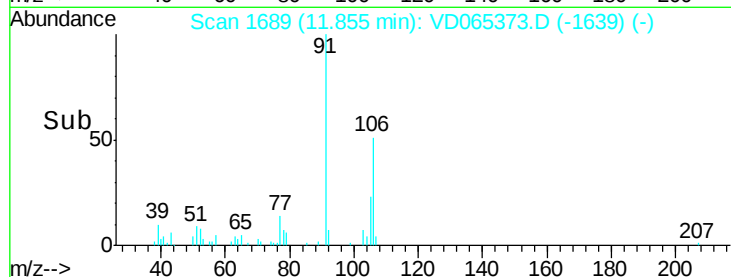
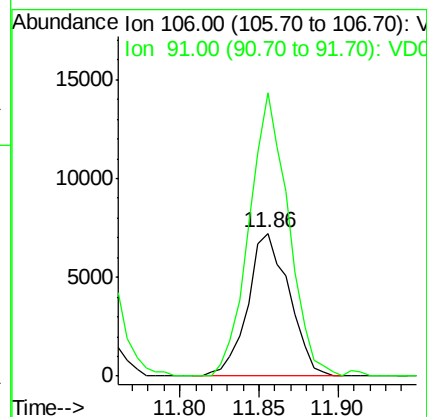
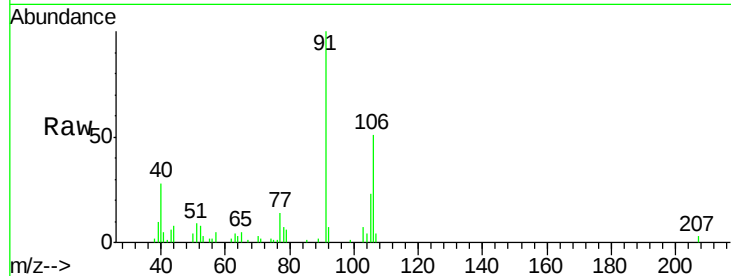




#68
m/p-Xvlenes
Concen: 1.101 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065373.D
Acq: 02 Mar 2020 12:16

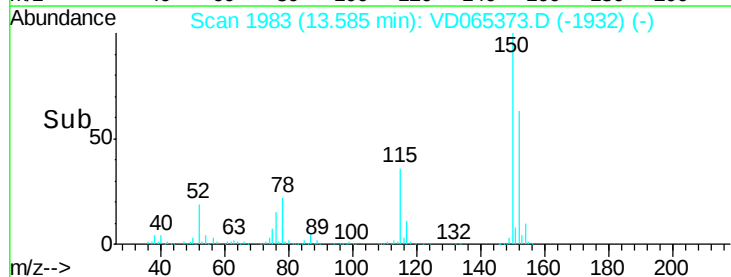
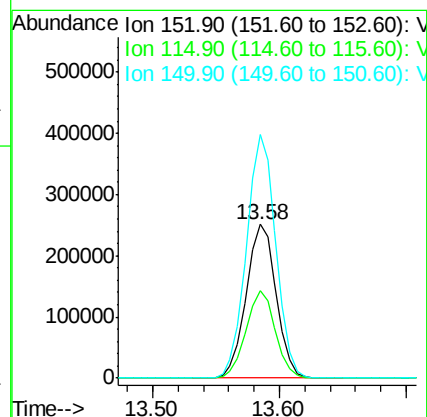
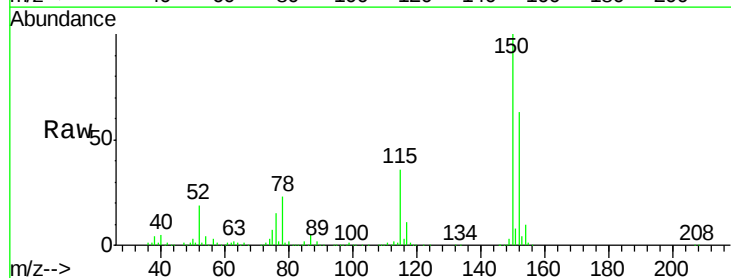
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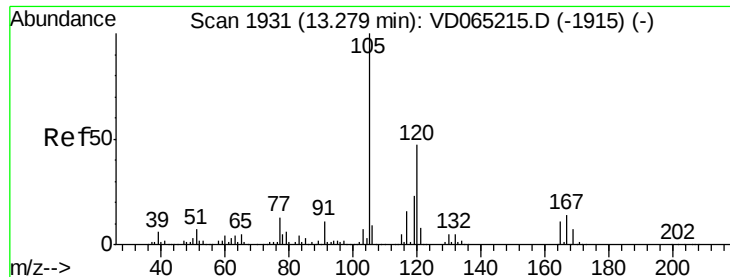
Tot Ion:106 Resp: 13134
Ion Ratio Lower Upper
106 100
91 187.7 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065373.D
Acq: 02 Mar 2020 12:16

Tgt Ion:152 Resp: 412231
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 155.0 0.0 347.4





#84

1,2,4-Trimethylbenzene

Concen: 1.644 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065373.D

Acq: 02 Mar 2020 12:16

Instrument :

MSVOA_D

ClientSampleId :

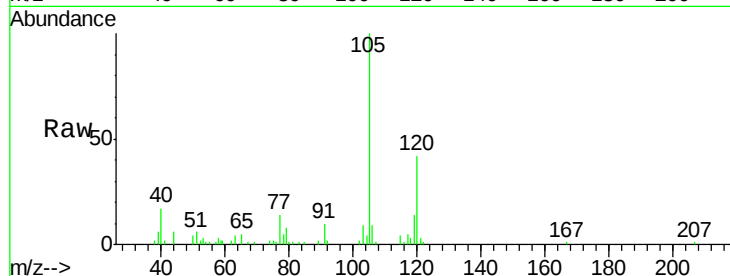
PL-02-022820

Tot Ion:105 Resp: 36993

Ion Ratio Lower Upper

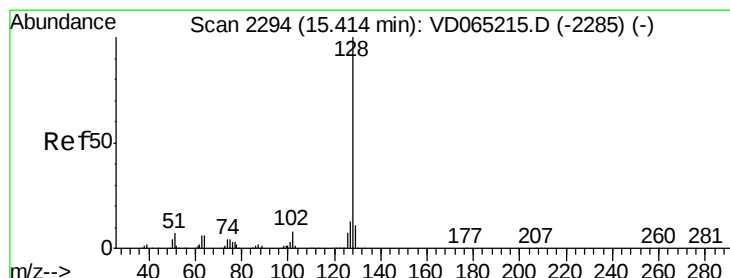
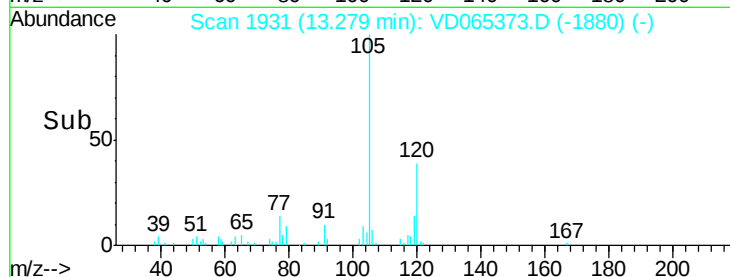
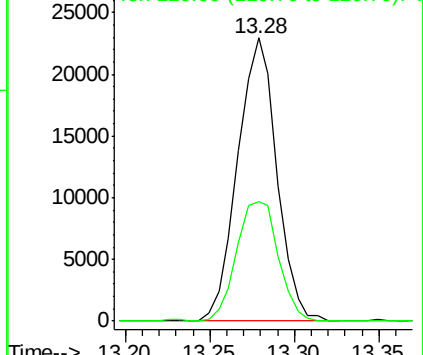
105 100

120 45.1 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 71.411 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065373.D

Acq: 02 Mar 2020 12:16

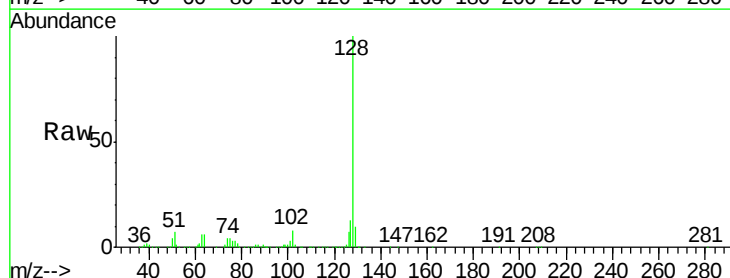
Tgt Ion:128 Resp: 854243

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

