

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064423.D
 Acq On : 04 Dec 2019 18:14
 Operator : VA/SY
 Sample : K6145-03
 Misc : 7.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-3

Quant Time: Dec 05 06:39:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

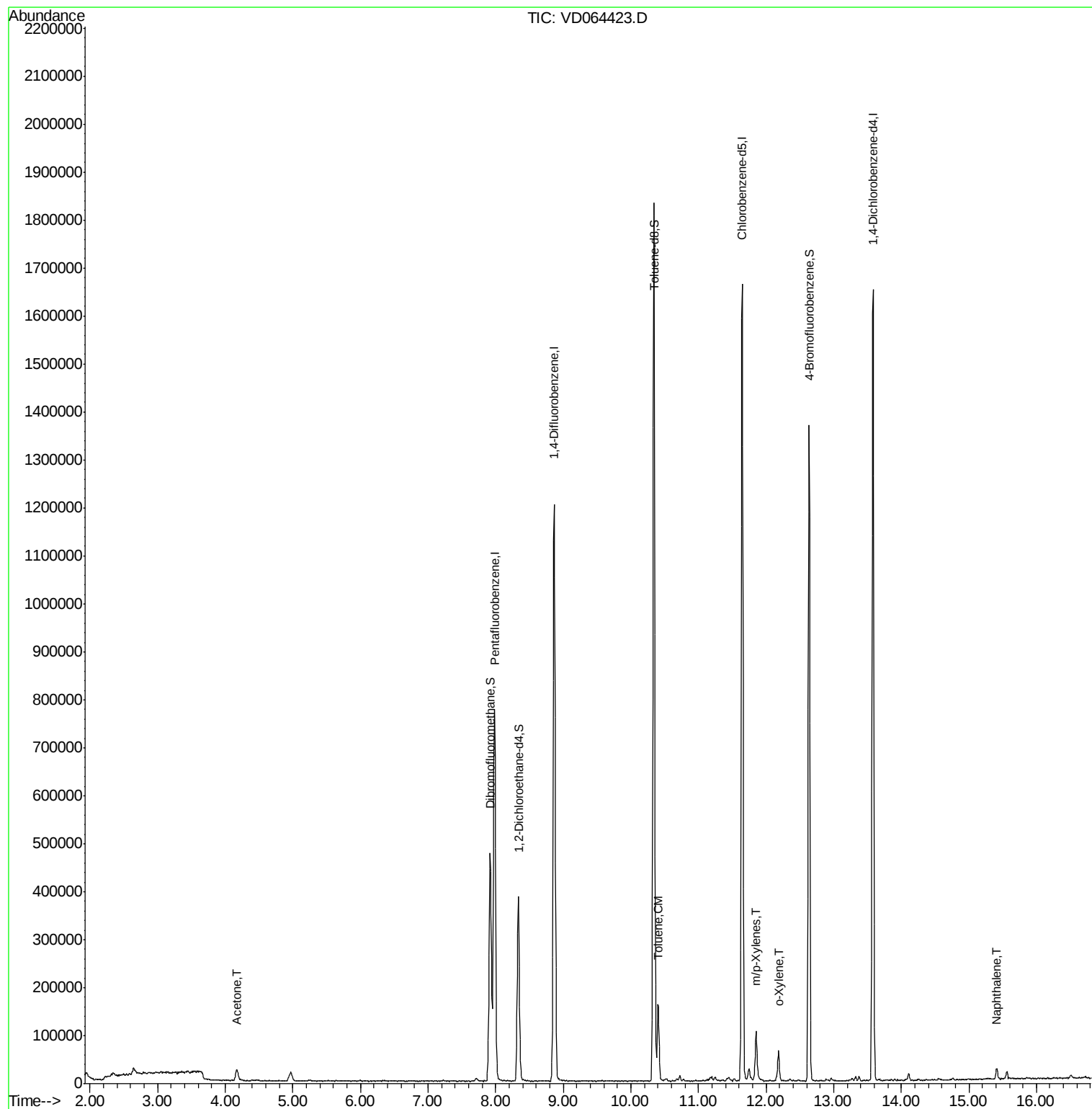
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	620875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1049008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	976900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	461016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	301097	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	7.92	113	329857	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.34	98	1275012	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.64	95	409840	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
16) Acetone	4.17	43	42011	36.993	ug/l	95
52) Toluene	10.40	92	64592	3.596	ug/l	97
68) m/p-Xylenes	11.86	106	31548	2.282	ug/l	100
69) o-Xylene	12.18	106	17481	1.369	ug/l	90
95) Naphthalene	15.41	128	18567	1.094	ug/l #	95

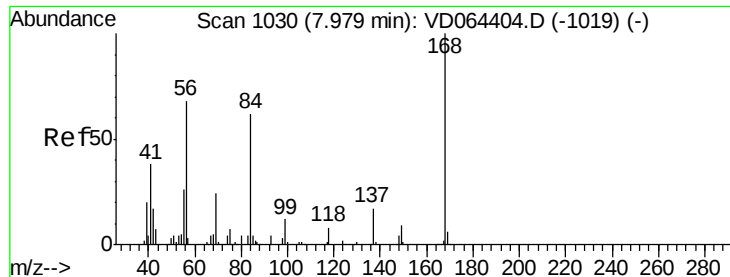
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064423.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

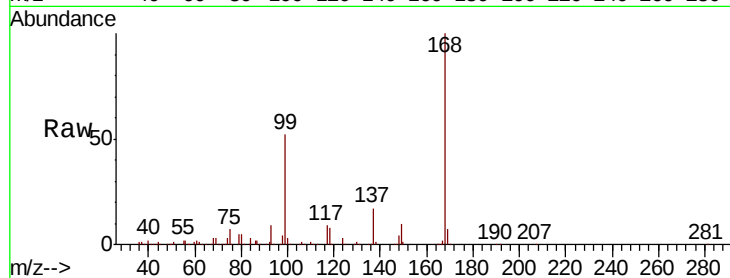
TH-3

Tot Ion:168 Resp: 620875

Ion Ratio Lower Upper

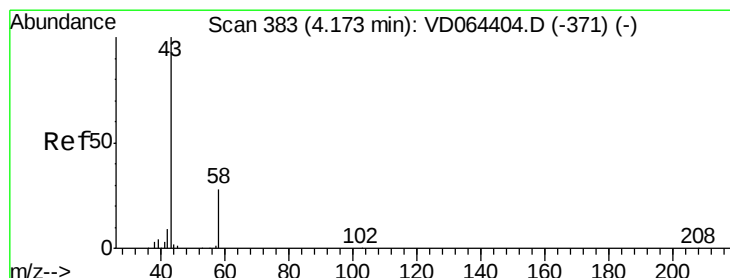
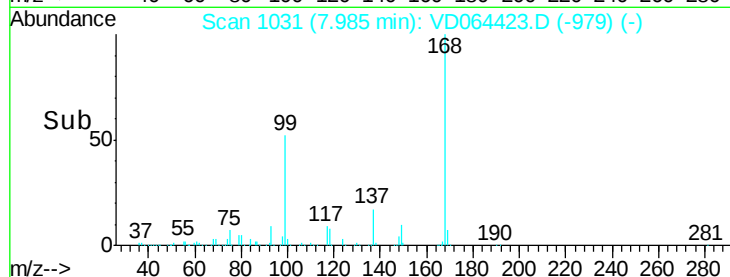
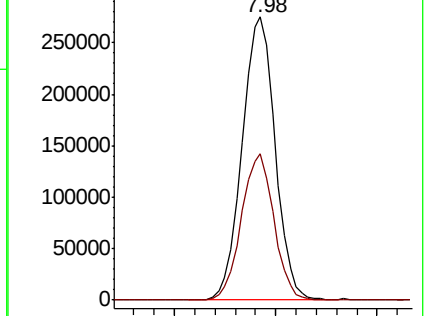
168 100

99 51.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 36.993 ug/l

RT: 4.17 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD064423.D

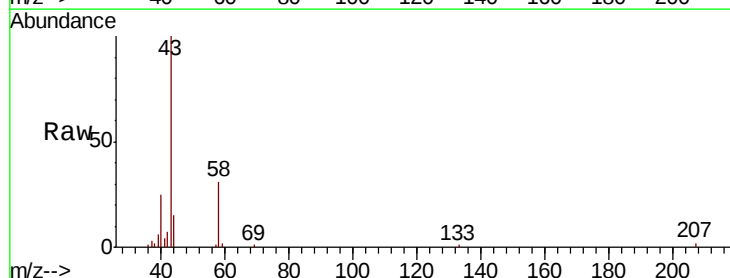
Acq: 04 Dec 2019 18:14

Tgt Ion: 43 Resp: 42011

Ion Ratio Lower Upper

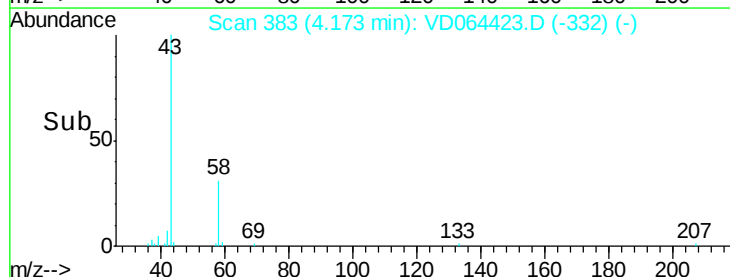
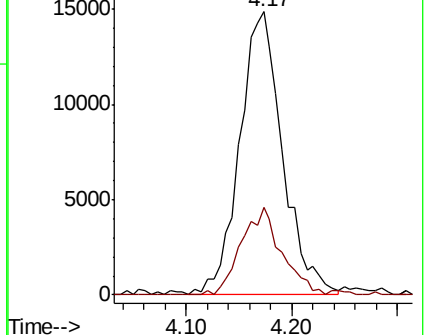
43 100

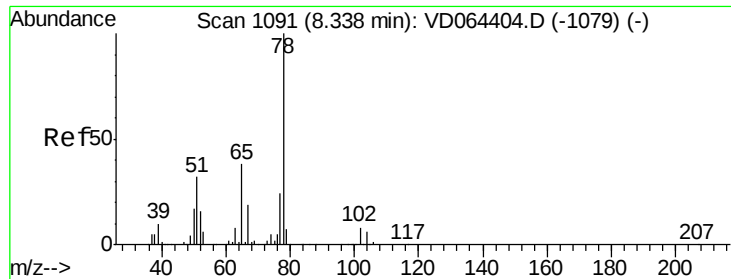
58 30.8 22.6 33.8



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: 53.578 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064423.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_D

ClientSampled :

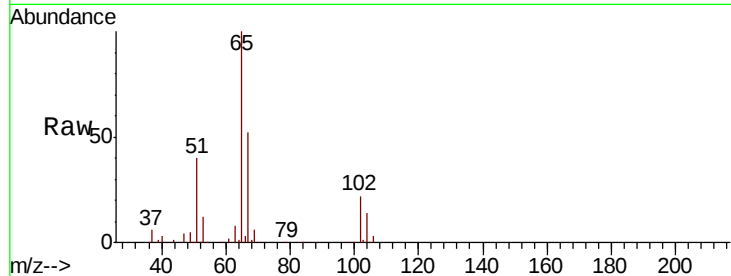
TH-3

Tot Ion: 65 Resp: 301097

Ion Ratio Lower Upper

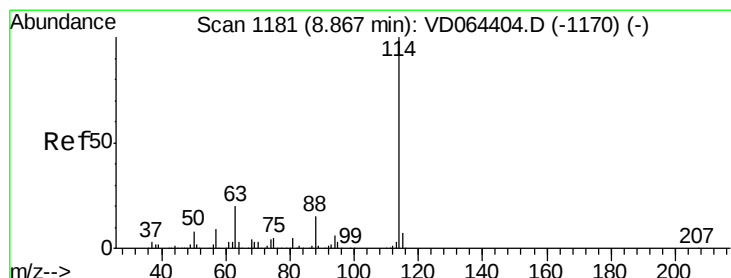
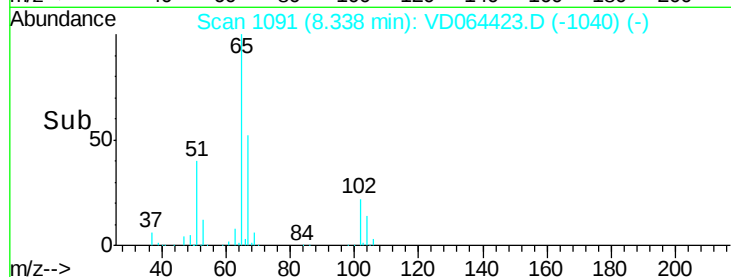
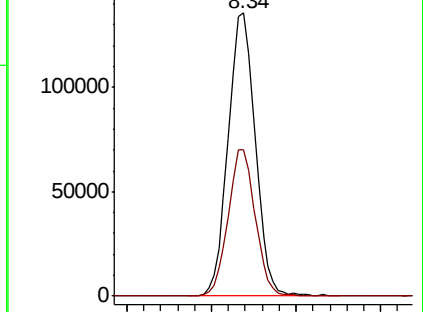
65 100

67 51.6 0.0 102.0



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# 1181

Delta R.T. 0.00 min

Lab File: VD064423.D

Acq: 04 Dec 2019 18:14

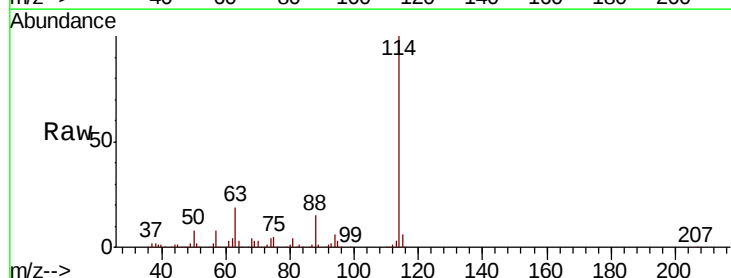
Tgt Ion: 114 Resp: 1049008

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

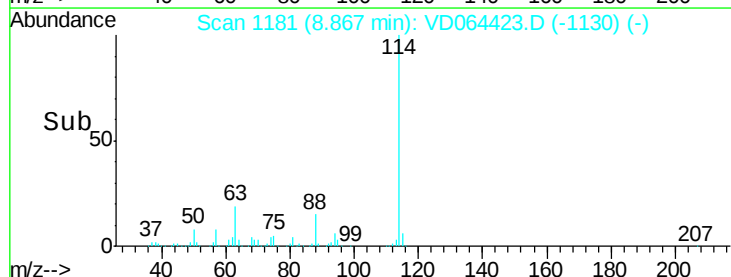
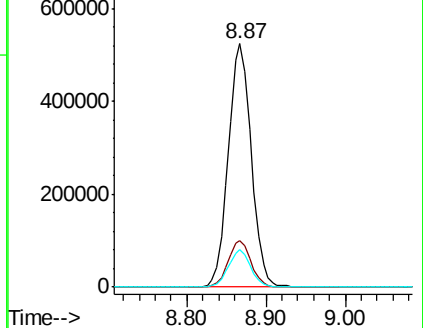
88 15.4 0.0 29.2

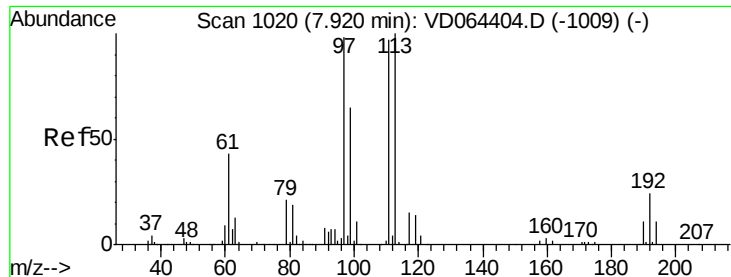


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.908 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064423.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

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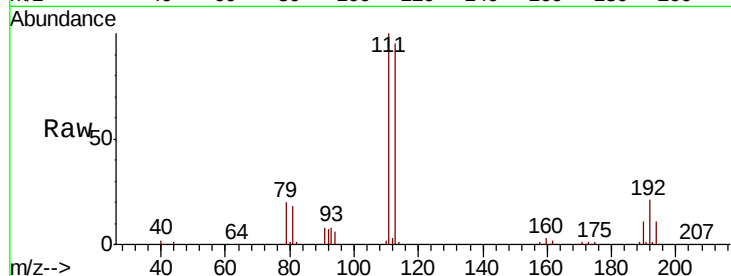
Tot Ion:113 Resp: 329857

Ion Ratio Lower Upper

113 100

111 102.0 79.4 119.2

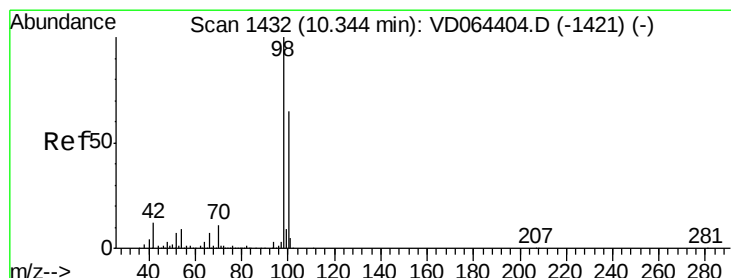
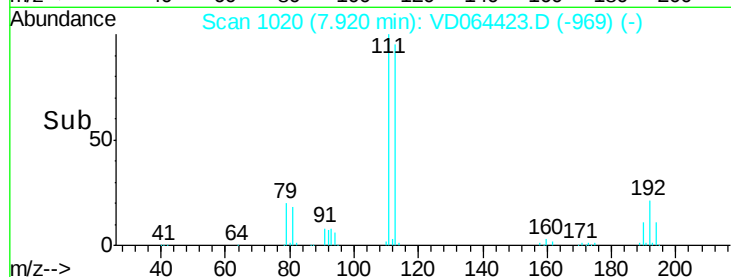
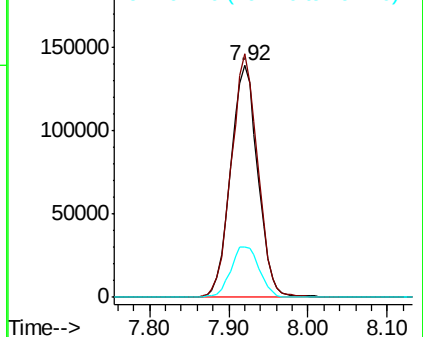
192 23.1 18.6 28.0



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: 51.213 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064423.D

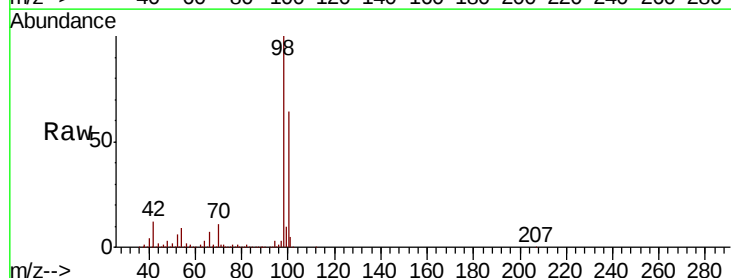
Acq: 04 Dec 2019 18:14

Tgt Ion: 98 Resp: 1275012

Ion Ratio Lower Upper

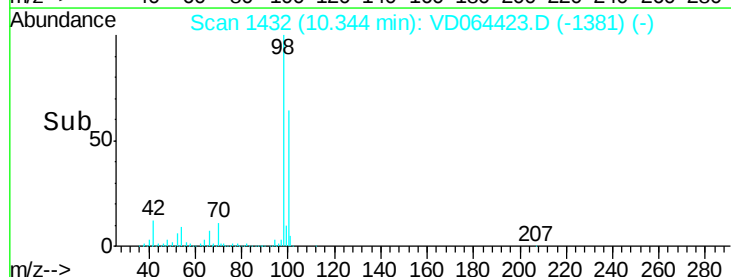
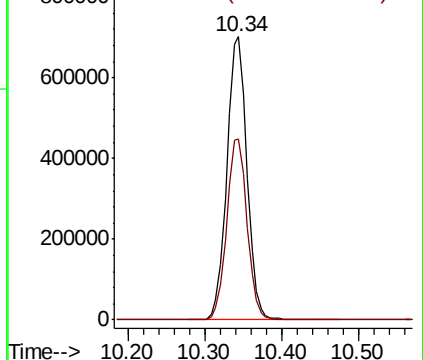
98 100

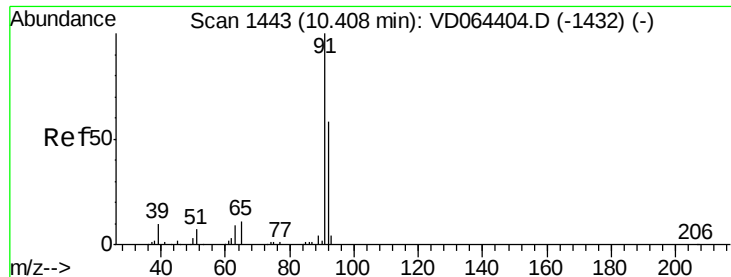
100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 3.596 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064423.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

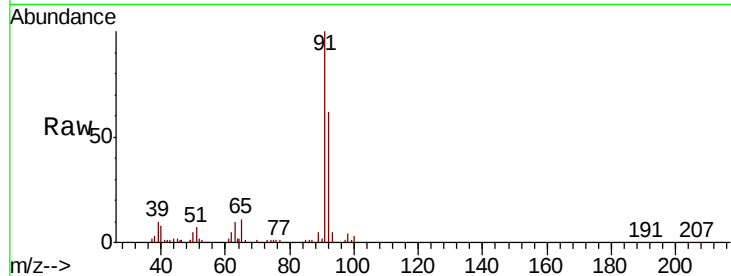
TH-3

Tot Ion: 92 Resp: 64592

Ion Ratio Lower Upper

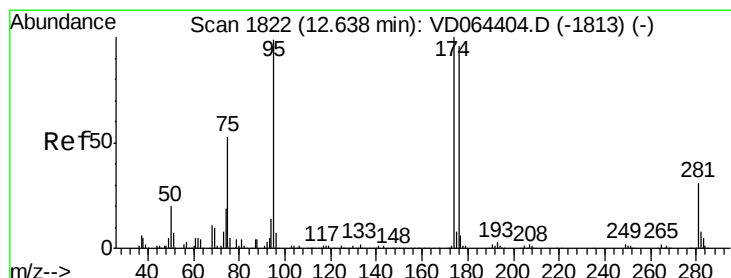
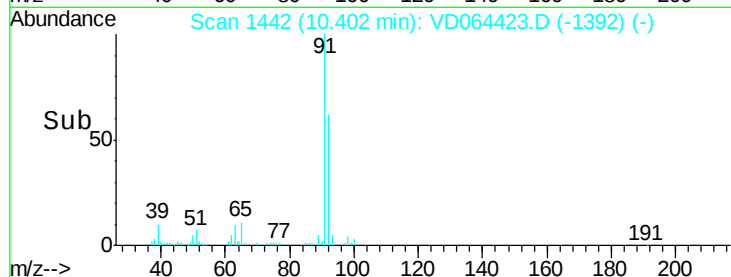
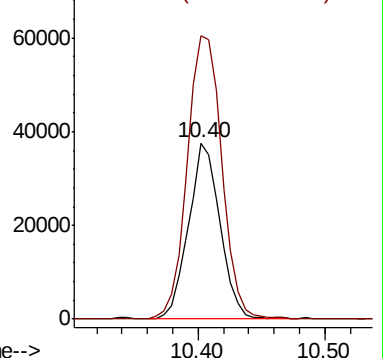
92 100

91 176.1 137.8 206.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.223 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064423.D

Acq: 04 Dec 2019 18:14

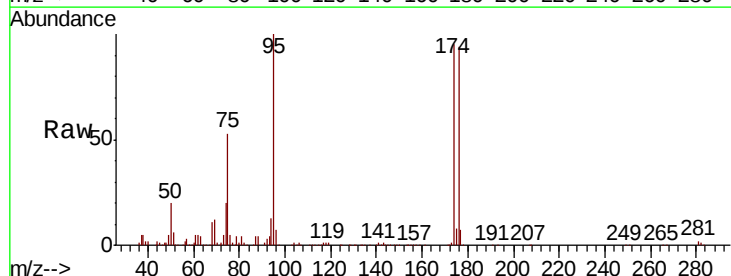
Tgt Ion: 95 Resp: 409840

Ion Ratio Lower Upper

95 100

174 95.1 0.0 197.2

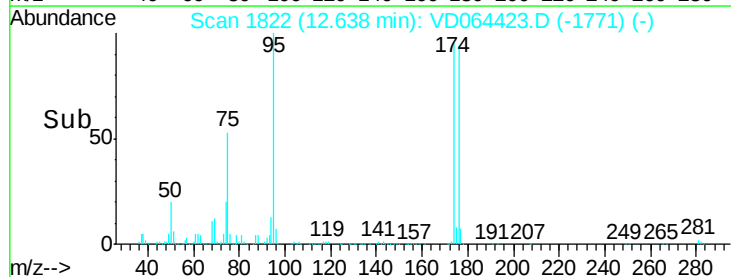
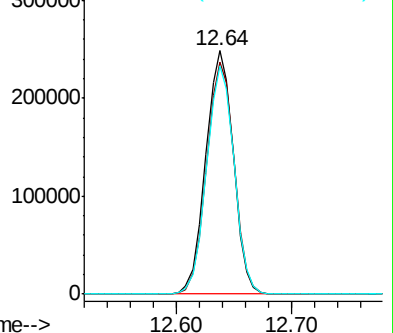
176 93.3 0.0 189.6

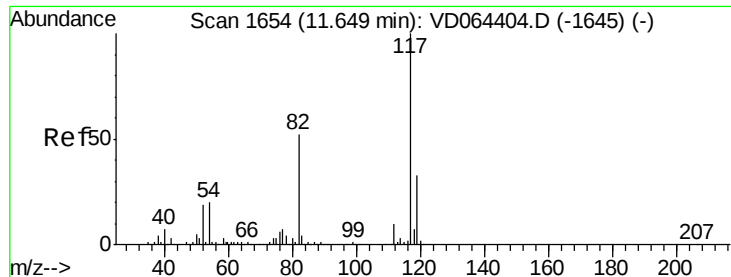


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

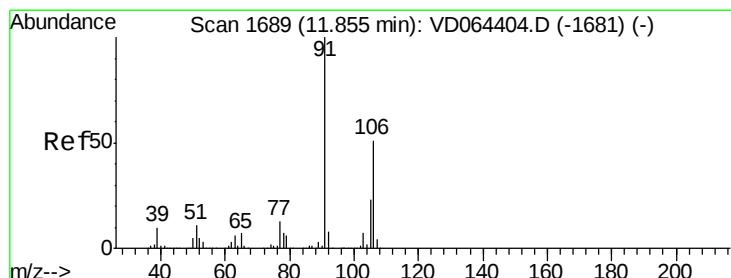
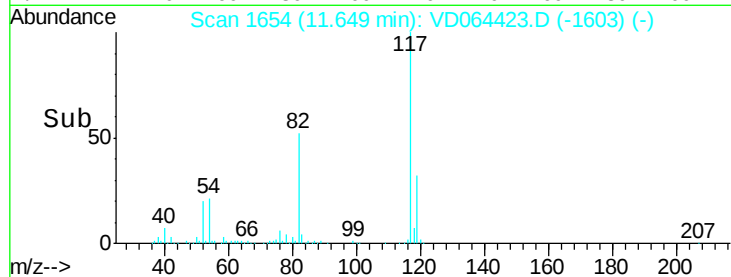
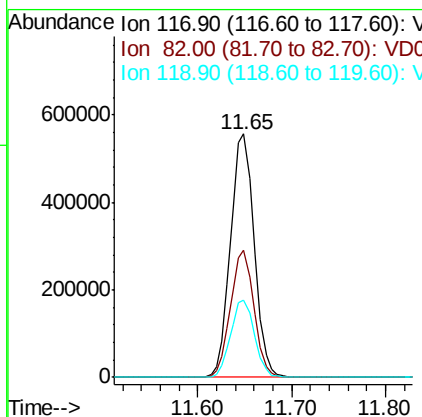
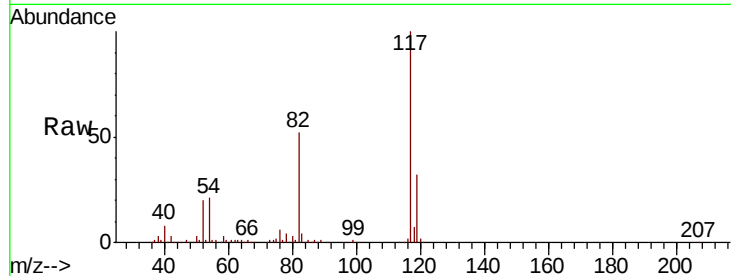




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064423.D
Acq: 04 Dec 2019 18:14

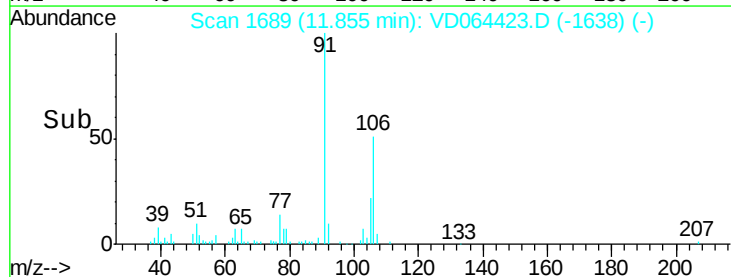
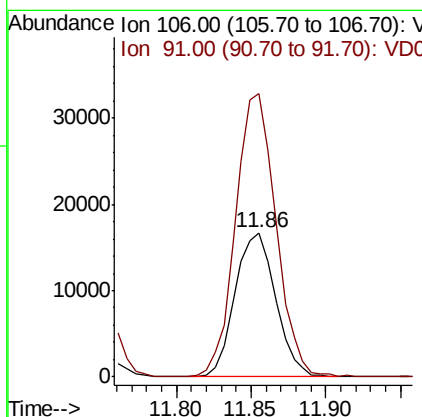
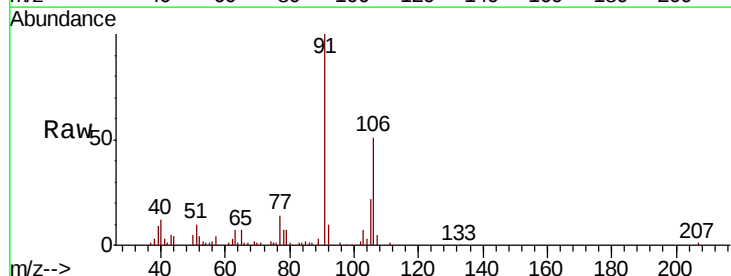
Instrument :
MSVOA_D
ClientSampled :
TH-3

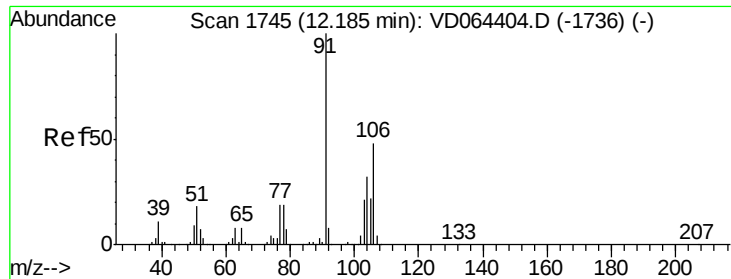
Tot Ion:117 Resp: 976900
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 31.8 26.2 39.2



#68
m/p-Xylenes
Concen: 2.282 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064423.D
Acq: 04 Dec 2019 18:14

Tgt Ion:106 Resp: 31548
Ion Ratio Lower Upper
106 100
91 196.2 157.4 236.2

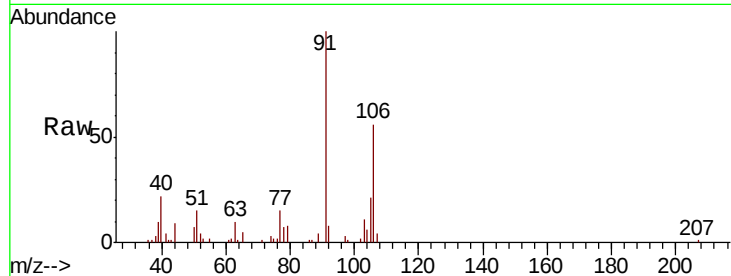




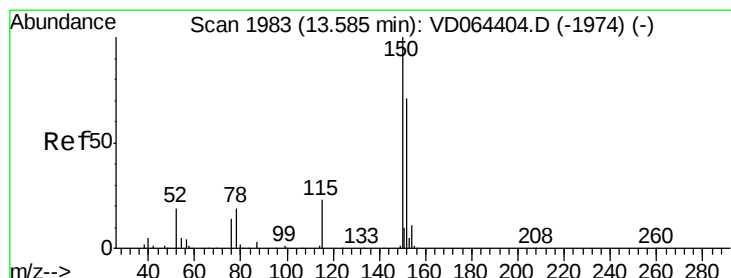
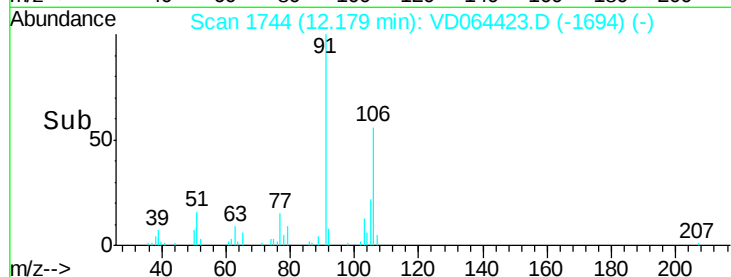
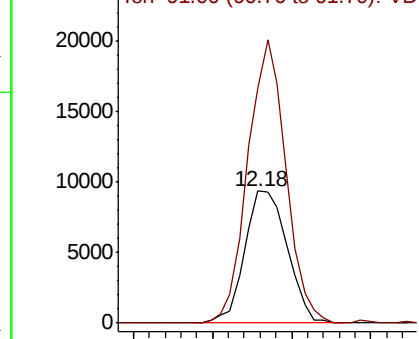
#69
o-Xylene
Concen: 1.369 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064423.D
Acq: 04 Dec 2019 18:14

Instrument :
MSVOA_D
ClientSampled :
TH-3

Tot Ion:106 Resp: 17481
Ion Ratio Lower Upper
106 100
91 192.3 103.8 311.4

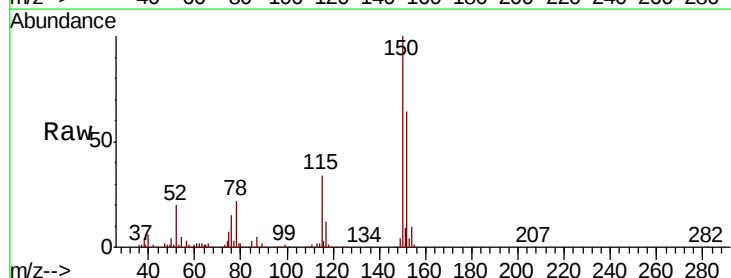


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

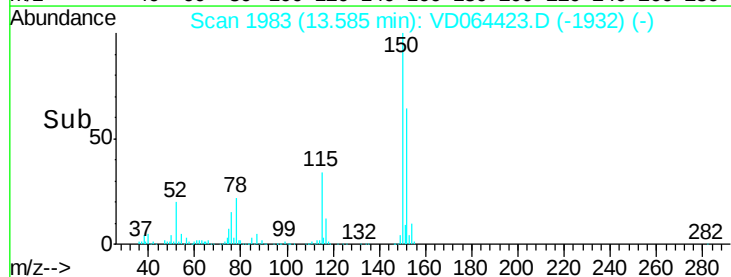
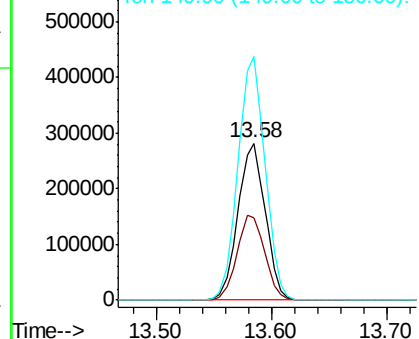


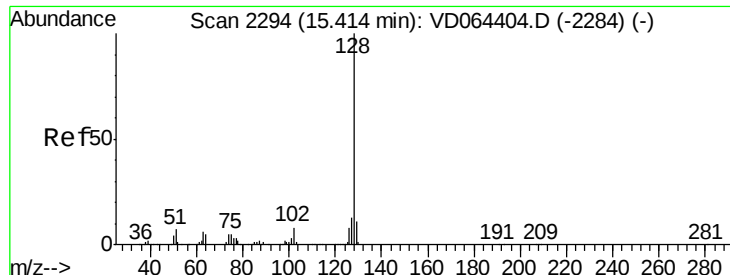
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064423.D
Acq: 04 Dec 2019 18:14

Tgt Ion:152 Resp: 461016
Ion Ratio Lower Upper
152 100
115 54.7 26.7 80.1
150 154.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

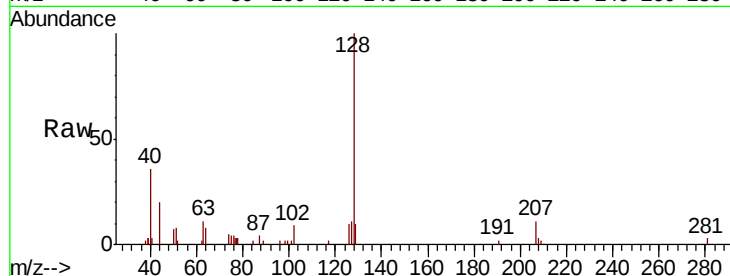




#95
Naphthalene
Concen: 1.094 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064423.D
Acq: 04 Dec 2019 18:14

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.5	15.7#
129	11.7	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

