

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064941.D
 Acq On : 24 Jan 2020 14:16
 Operator : VA/SY
 Sample : L1243-02RE
 Misc : 4.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CTY-SB-01-1-2RE

Quant Time: Jan 25 03:03:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

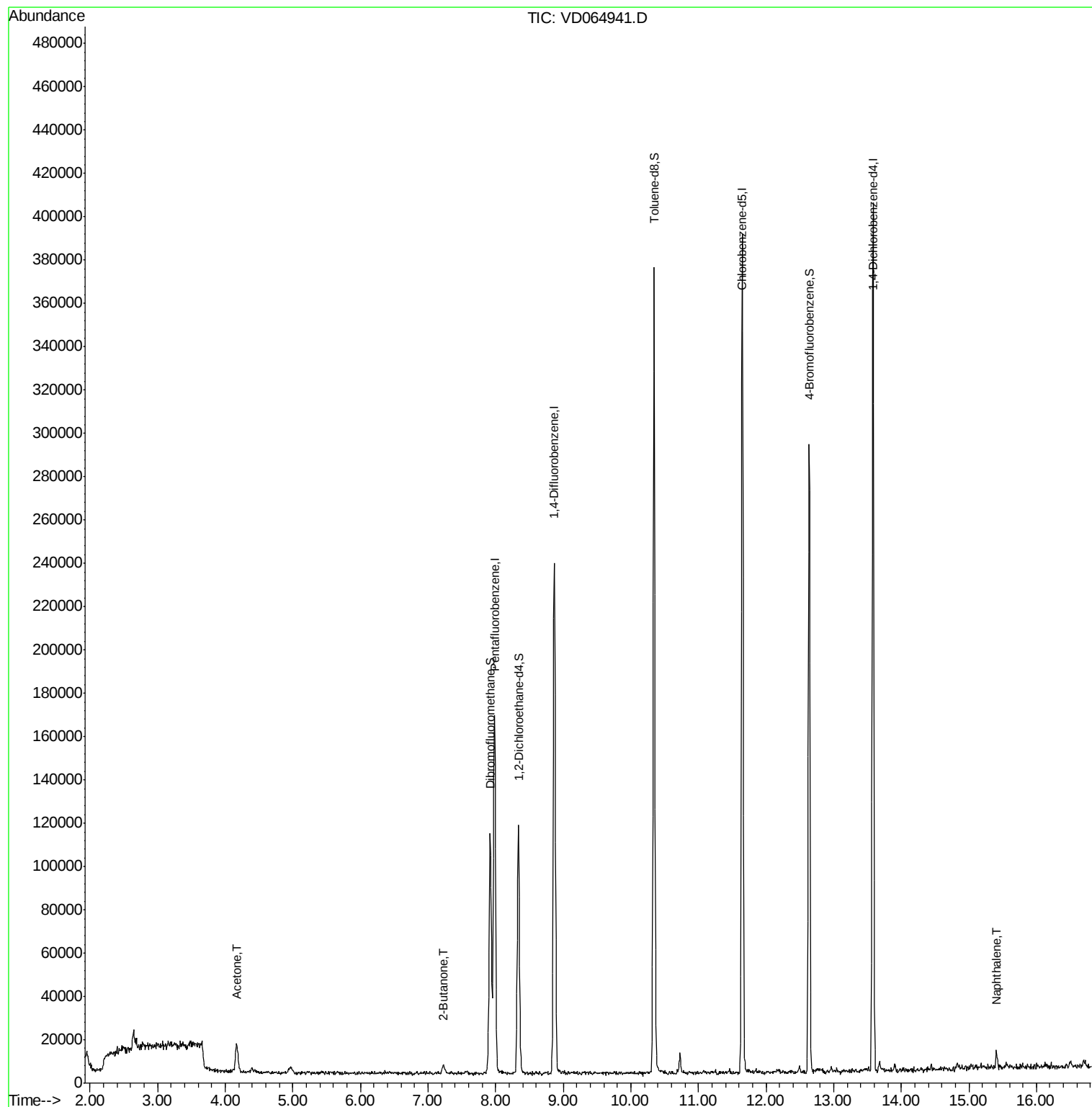
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	126776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	203128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	214995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	92517	76.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.16%	
35) Dibromofluoromethane	7.92	113	76294	59.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.54%	
50) Toluene-d8	10.34	98	244594	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.64	95	89024	59.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.10%	
Target Compounds						
16) Acetone	4.17	43	23995	83.580	ug/l #	82
25) 2-Butanone	7.23	43	6304	19.188	ug/l	99
95) Naphthalene	15.41	128	7053	2.233	ug/l	98

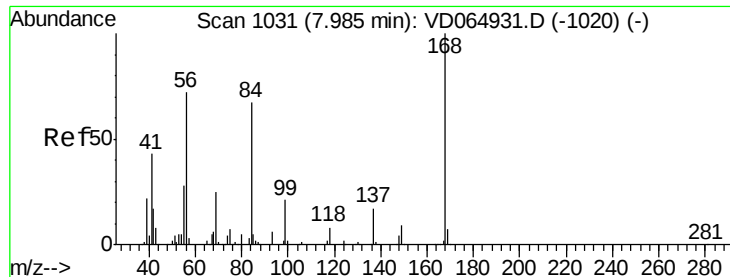
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064941.D

Acq: 24 Jan 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

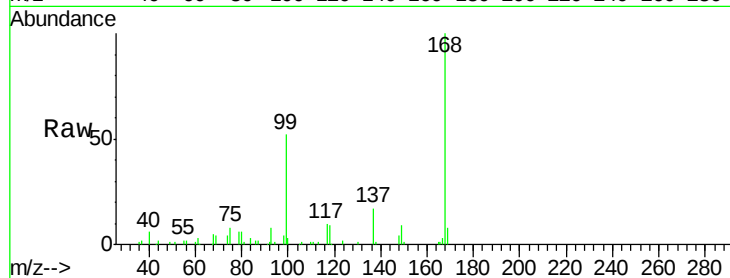
CTY-SB-01-1-2RE

Tot Ion:168 Resp: 126776

Ion Ratio Lower Upper

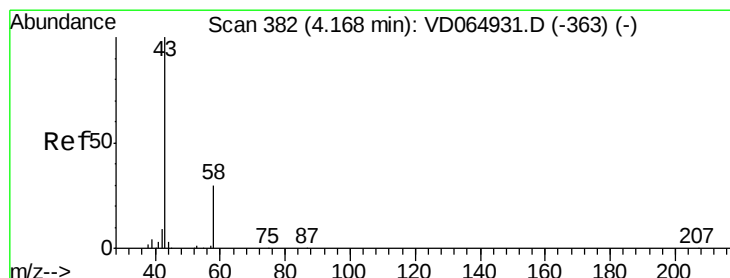
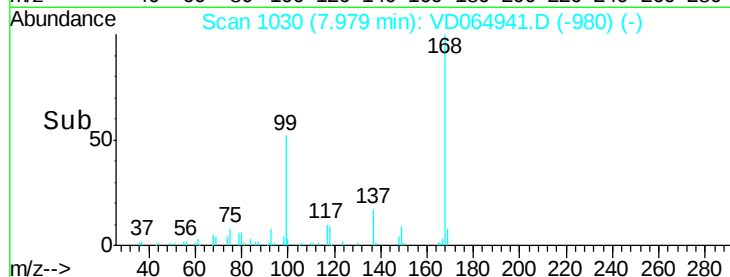
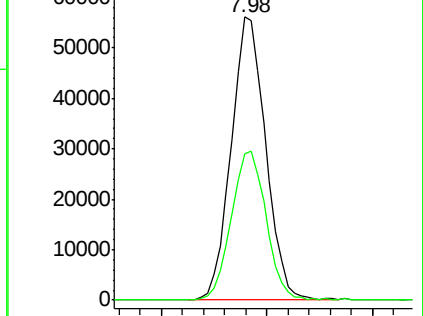
168 100

99 51.6 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 83.580 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064941.D

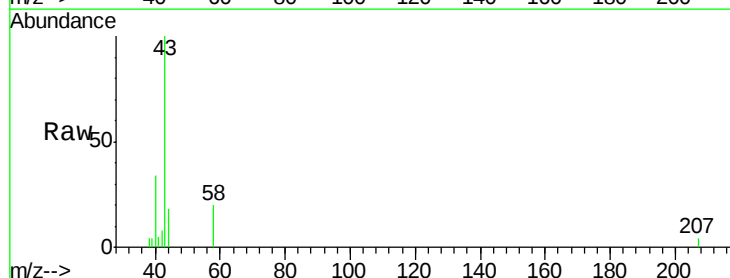
Acq: 24 Jan 2020 14:16

Tgt Ion: 43 Resp: 23995

Ion Ratio Lower Upper

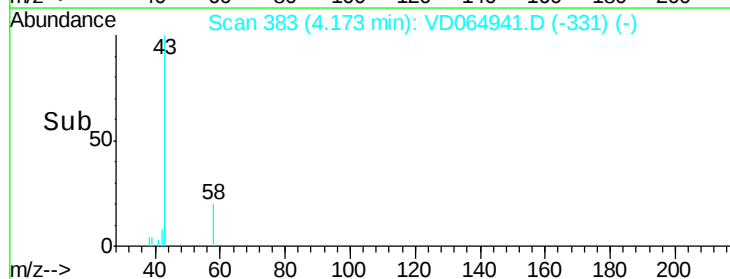
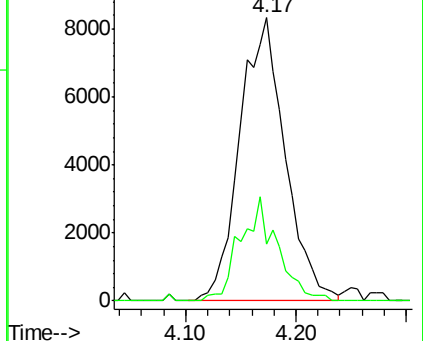
43 100

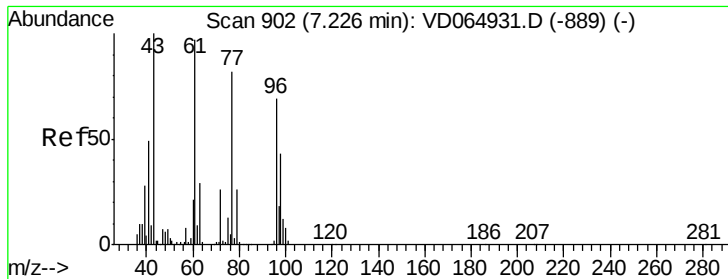
58 20.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 19.188 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD064941.D

Acq: 24 Jan 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

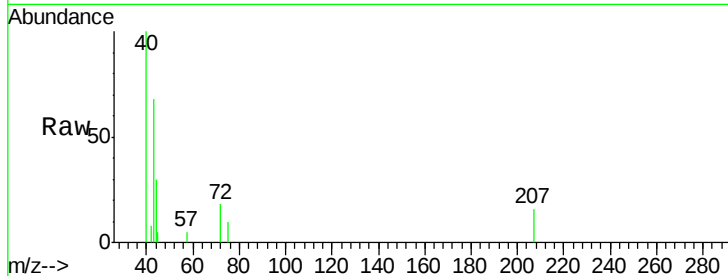
CTY-SB-01-1-2RE

Tot Ion: 43 Resp: 6304

Ion Ratio Lower Upper

43 100

72 26.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

2500

2000

1500

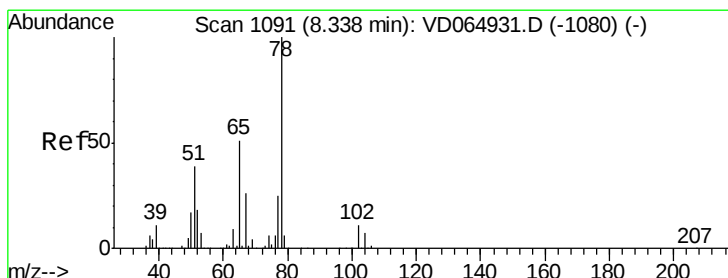
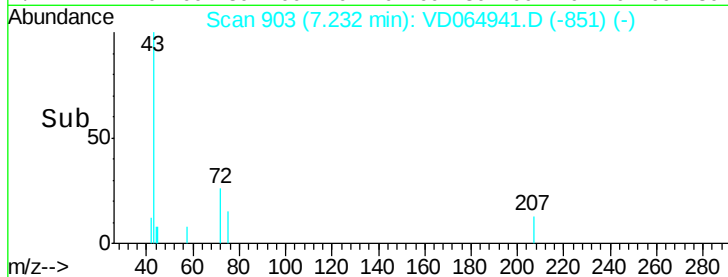
1000

500

0

Time-->

7.15 7.20 7.25 7.30



#33

1,2-Dichloroethane-d4

Concen: 76.079 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064941.D

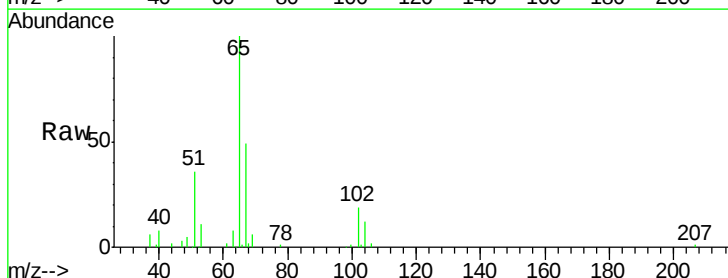
Acq: 24 Jan 2020 14:16

Tgt Ion: 65 Resp: 92517

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

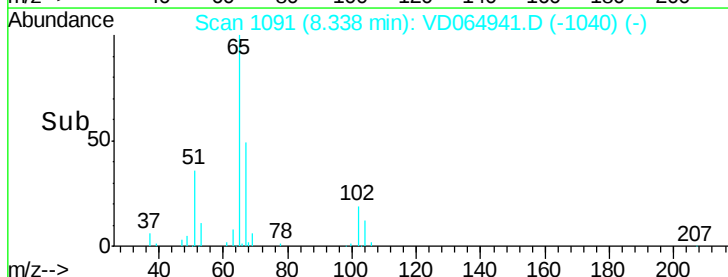
20000

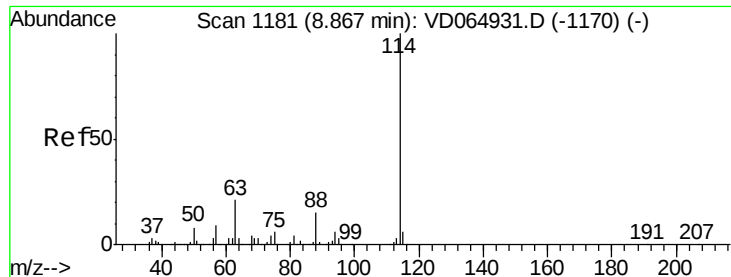
10000

0

Time-->

8.20 8.30 8.40

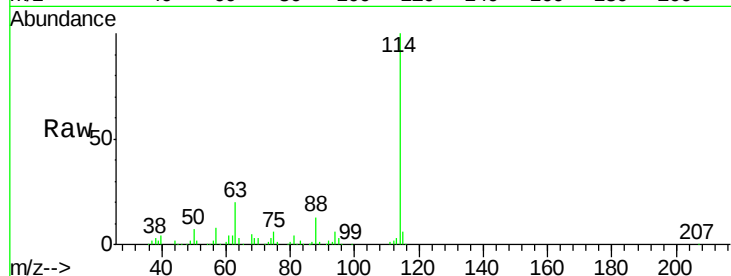




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064941.D
 Acq: 24 Jan 2020 14:16

Instrument :
 MSVOA_D
 ClientSampleId :
 CTY-SB-01-1-2RE

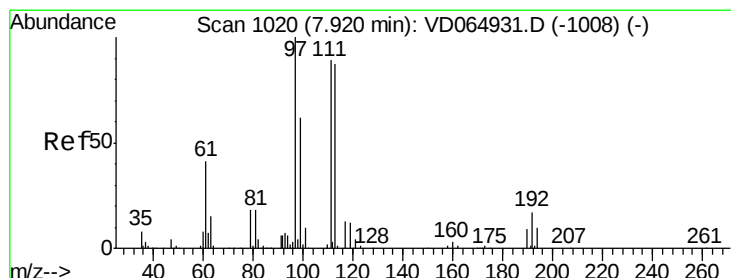
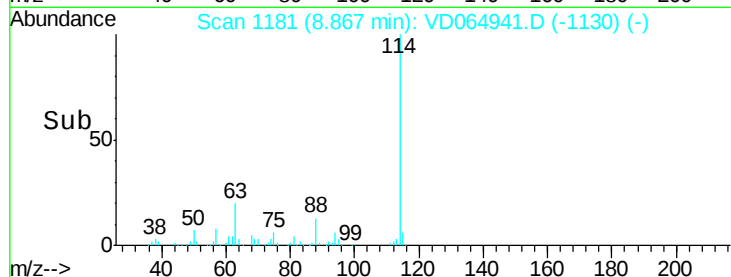
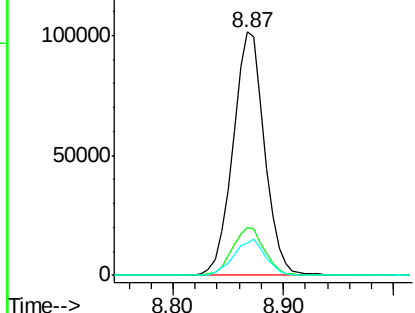
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.0
88	13.1	0.0	29.4



Abundance Ion 113.90 (113.60 to 114.60): V

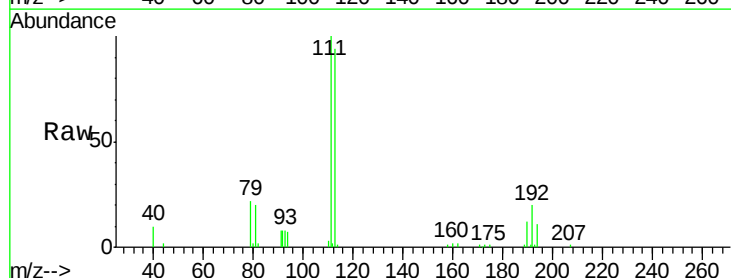
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 59.769 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064941.D
 Acq: 24 Jan 2020 14:16

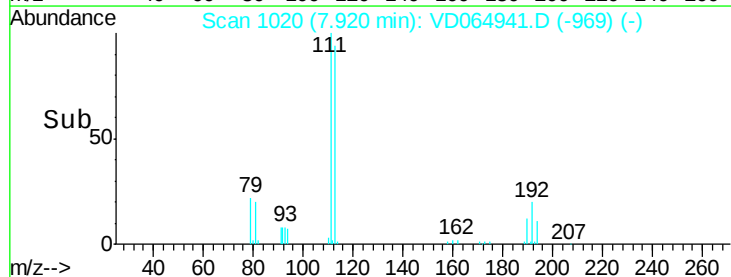
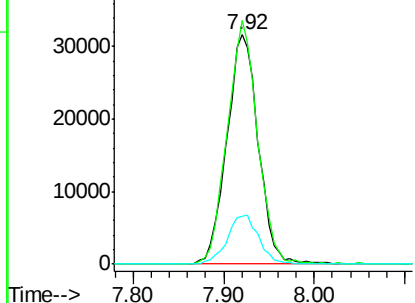
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	21.2	16.9	25.3

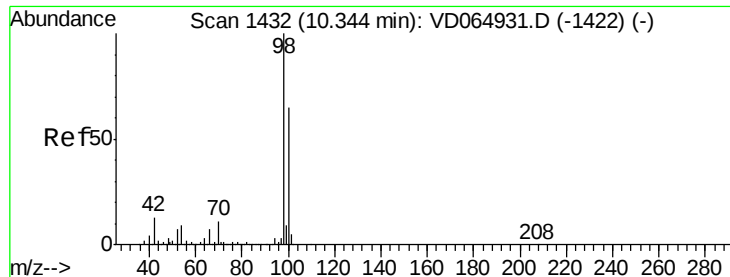


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.646 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064941.D

Acq: 24 Jan 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

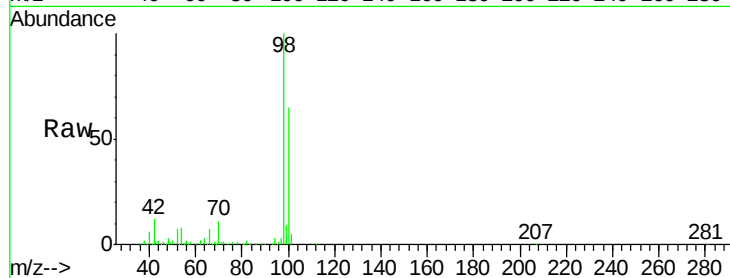
CTY-SB-01-1-2RE

Tot Ion: 98 Resp: 244594

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

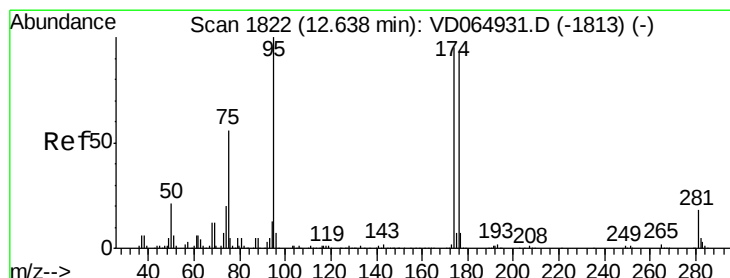
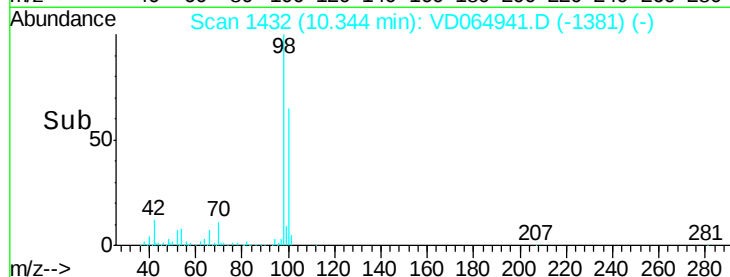
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 59.047 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064941.D

Acq: 24 Jan 2020 14:16

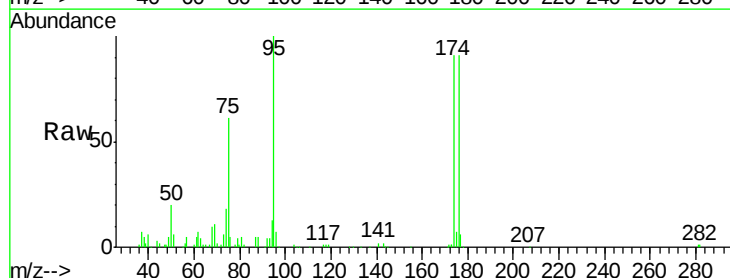
Tgt Ion: 95 Resp: 89024

Ion Ratio Lower Upper

95 100

174 93.2 0.0 186.8

176 88.1 0.0 183.4



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

12.64

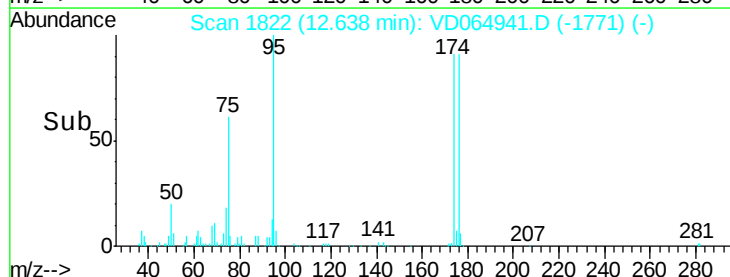
60000

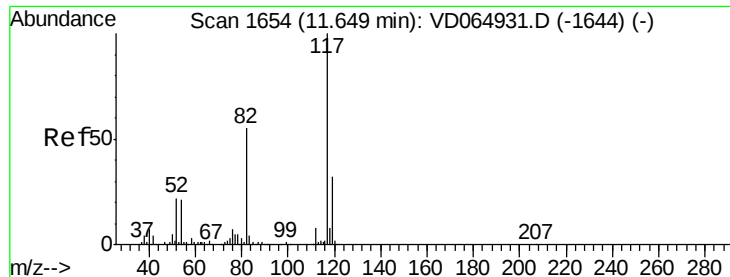
40000

20000

0

Time-->

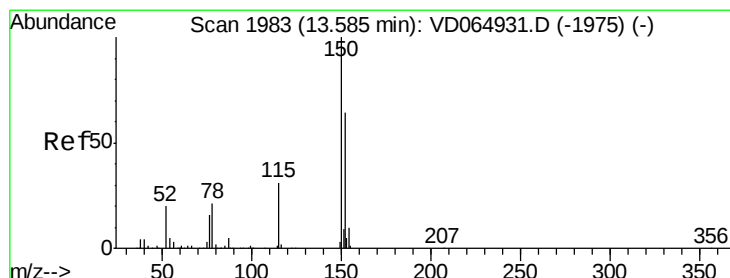
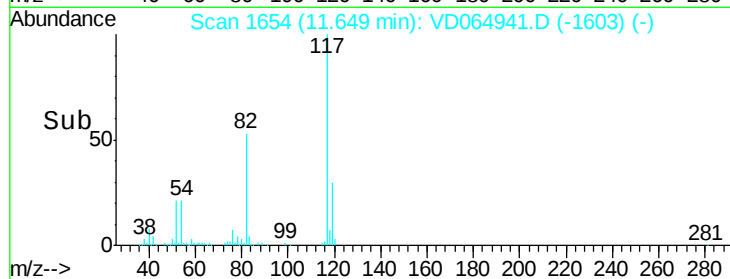
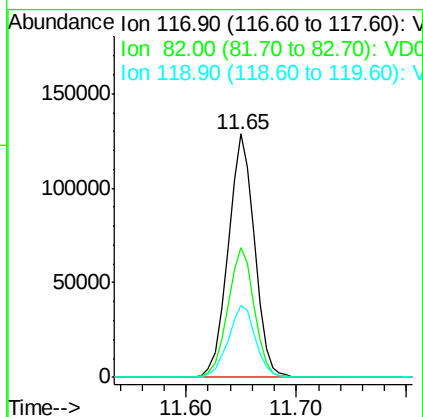
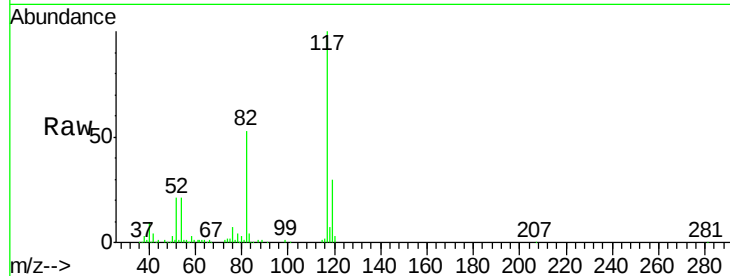




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064941.D
Acq: 24 Jan 2020 14:16

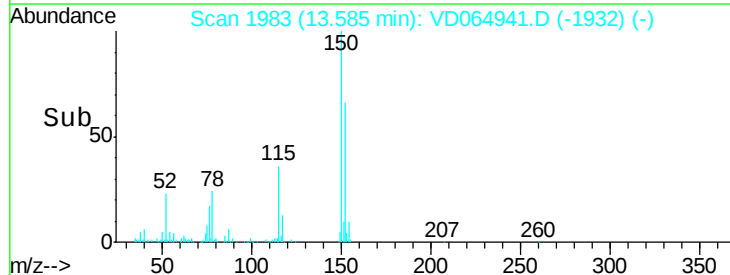
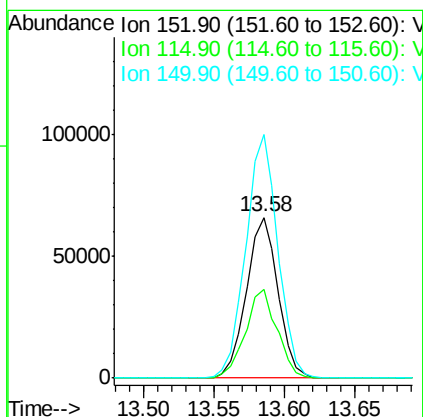
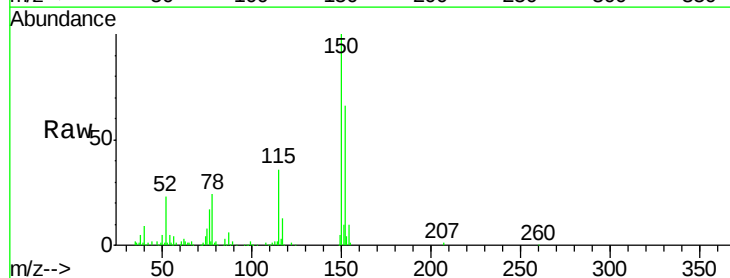
Instrument :
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CTY-SB-01-1-2RE

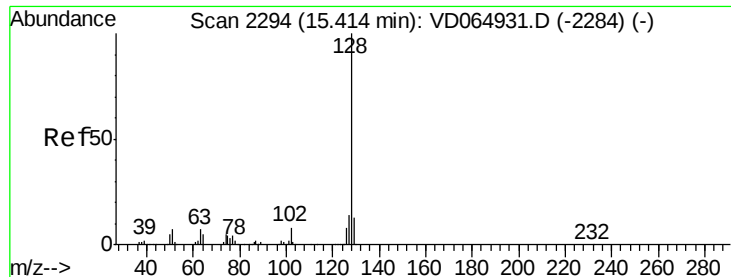
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.6	65.4
119	29.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064941.D
Acq: 24 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.1	84.4
150	153.3	0.0	350.4





#95

Naphthalene

Concen: 2.233 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD064941.D

Acq: 24 Jan 2020 14:16

Instrument :

MSVOA_D

ClientSampleId :

CTY-SB-01-1-2RE

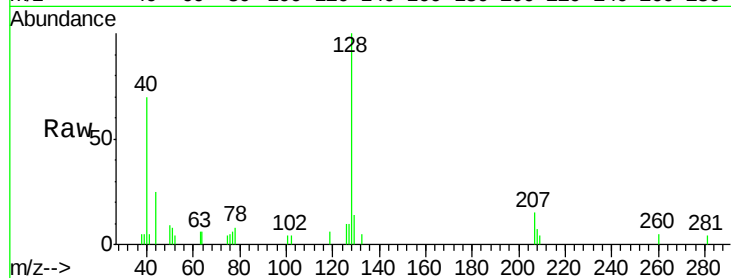
Tot Ion:128 Resp: 7053

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 12.4 9.3 13.9



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

