

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064620.D
 Acq On : 27 Dec 2019 02:32
 Operator : VA/SY
 Sample : K6117-10
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122619

Quant Time: Dec 27 06:13:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

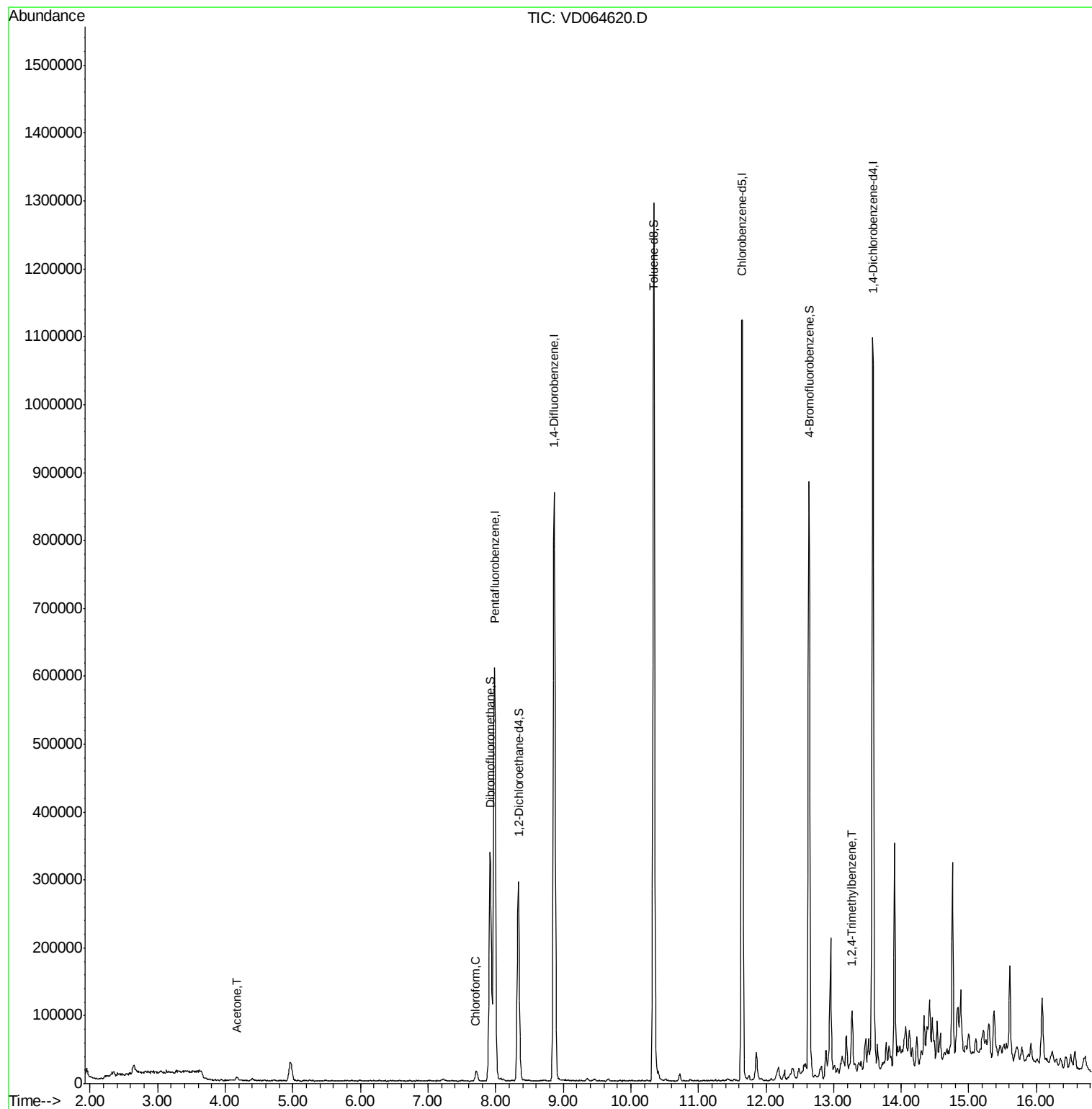
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	481408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	759237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	652264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	233495	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.92	113	235604	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.34	98	896322	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.64	95	266855	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
16) Acetone	4.17	43	6970	11.056	ug/l #	87
30) Chloroform	7.71	83	13177	1.588	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	47303	2.876	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064620.D

Acq: 27 Dec 2019 02:32

Instrument :

MSVOA_D

ClientSampleId :

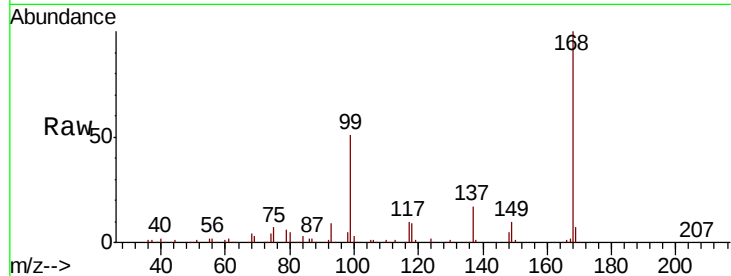
TR-05-122619

Tot Ion:168 Resp: 481408

Ion Ratio Lower Upper

168 100

99 51.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

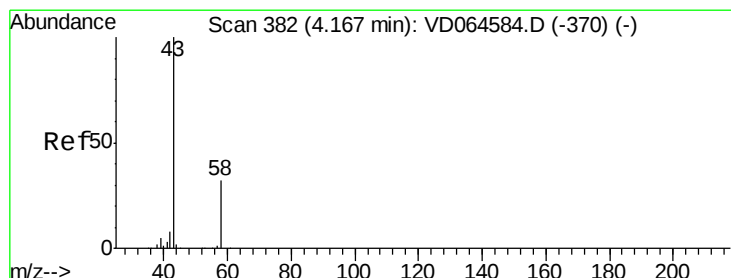
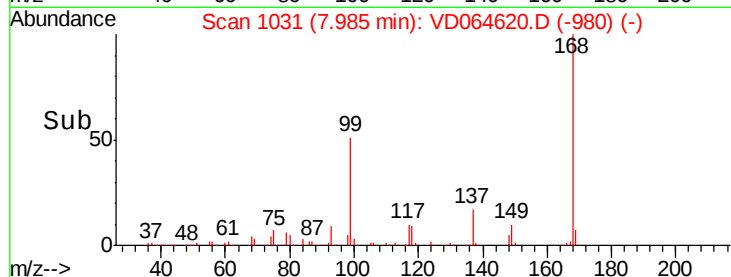
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.056 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064620.D

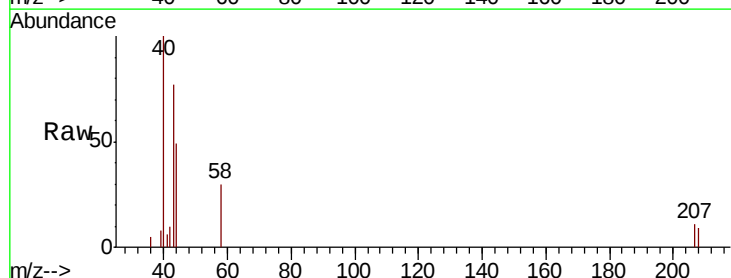
Acq: 27 Dec 2019 02:32

Tgt Ion: 43 Resp: 6970

Ion Ratio Lower Upper

43 100

58 39.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2500

2000

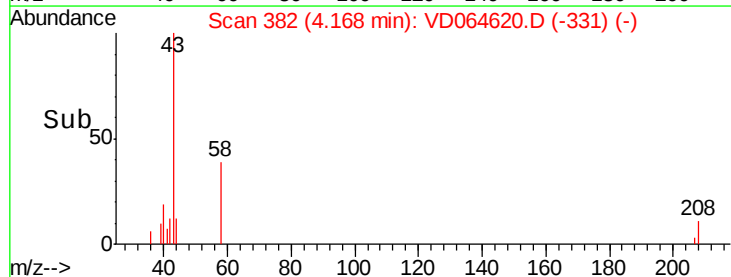
1500

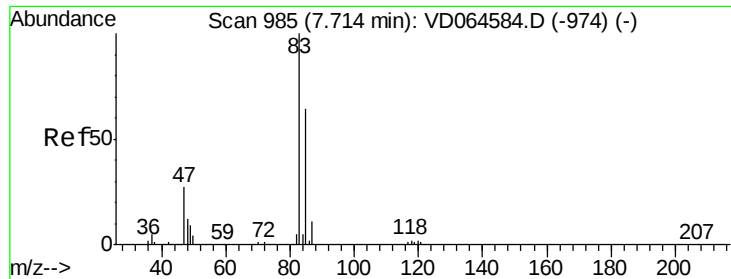
1000

500

0

Time-->

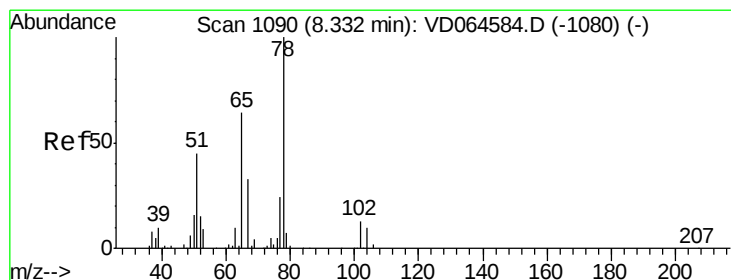
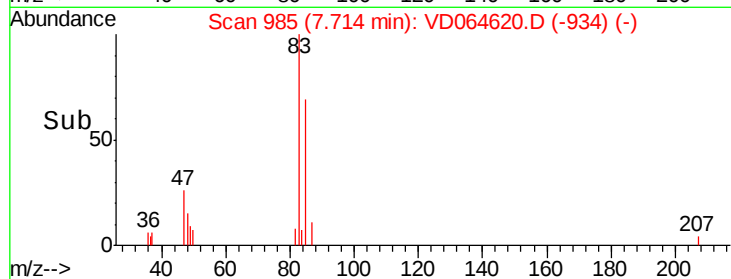
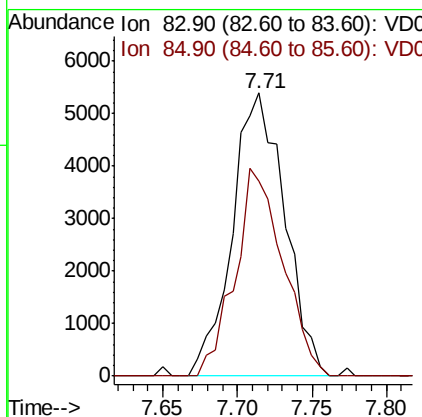
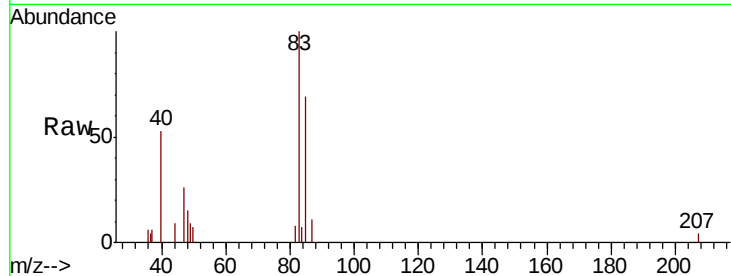




#30
Chloroform
Concen: 1.588 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064620.D
Acq: 27 Dec 2019 02:32

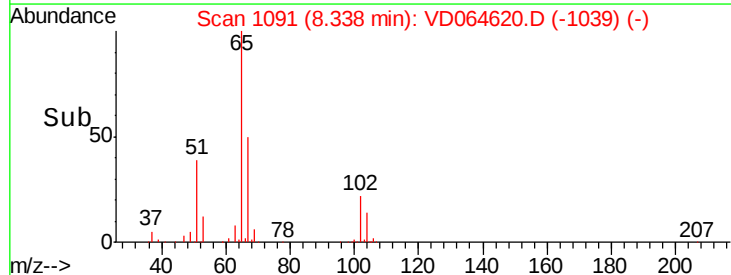
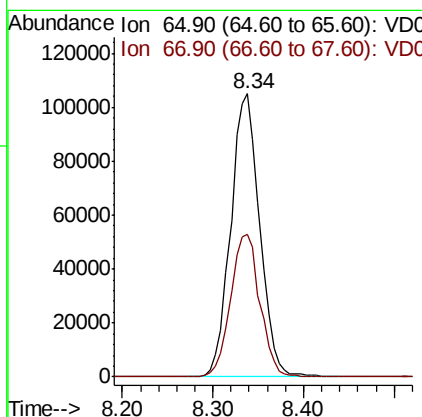
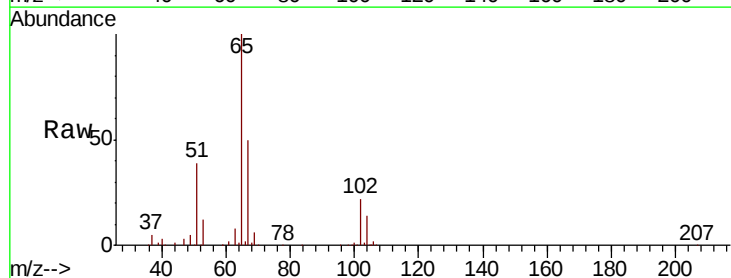
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122619

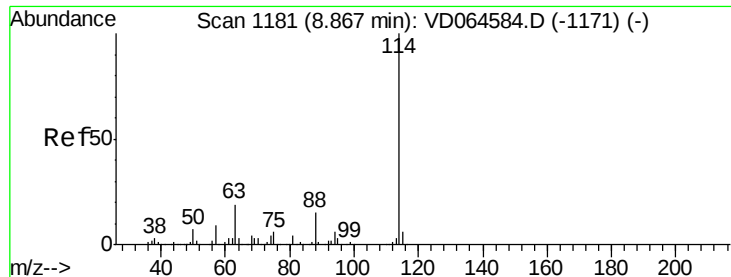
Tot Ion: 83 Resp: 13177
Ion Ratio Lower Upper
83 100
85 68.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 55.005 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064620.D
Acq: 27 Dec 2019 02:32

Tgt Ion: 65 Resp: 233495
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2

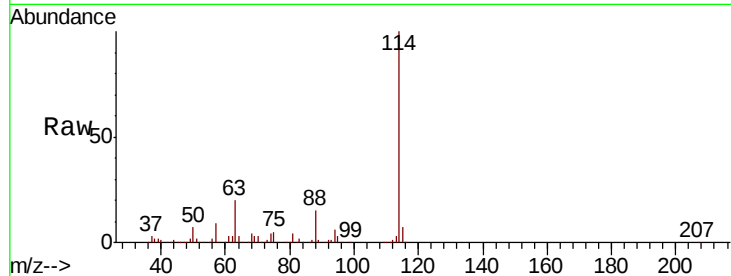




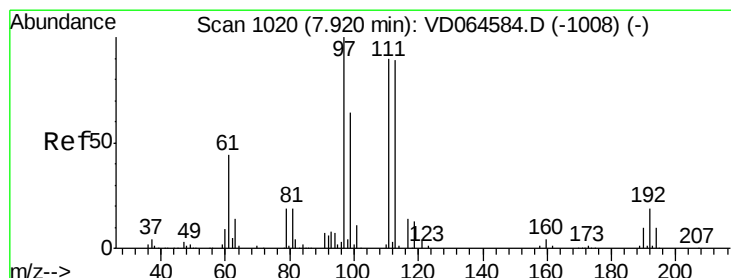
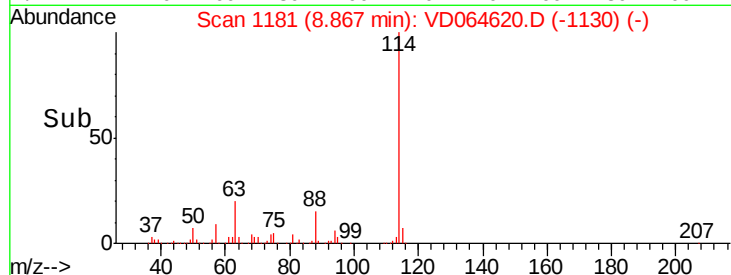
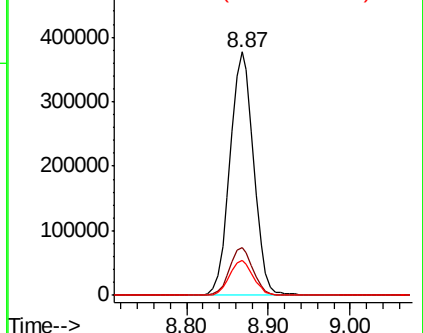
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064620.D
 Acq: 27 Dec 2019 02:32

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122619

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	14.6	0.0	29.2

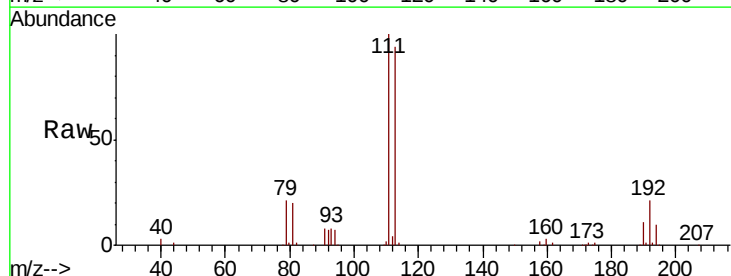


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

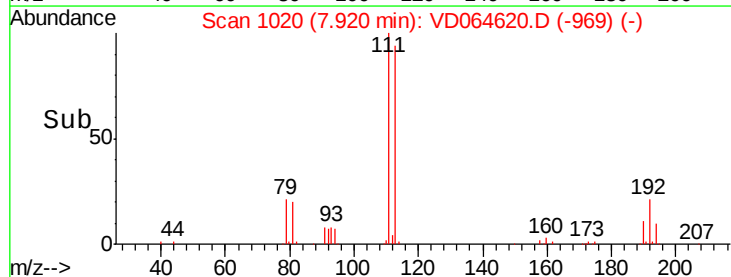
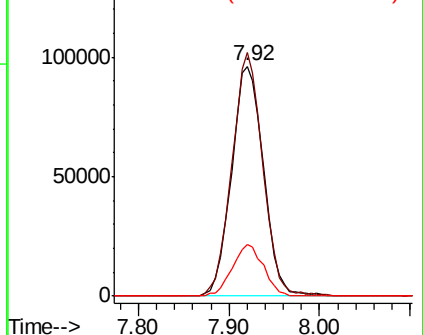


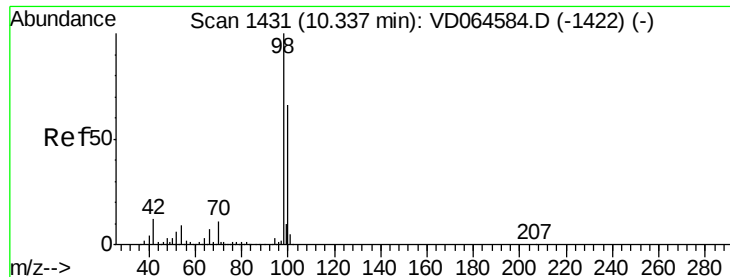
#35
 Dibromofluoromethane
 Concen: 50.580 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064620.D
 Acq: 27 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.6	121.0
192	21.8	17.9	26.9



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: 50.243 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064620.D

Acq: 27 Dec 2019 02:32

Instrument :

MSVOA_D

ClientSampleId :

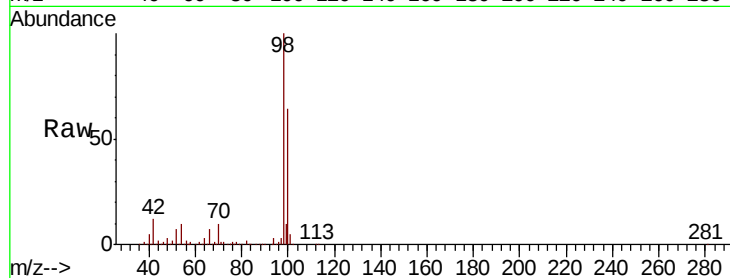
TR-05-122619

Tot Ion: 98 Resp: 896322

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)

10.34

500000

400000

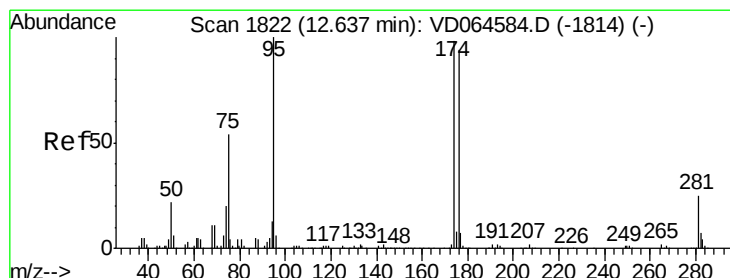
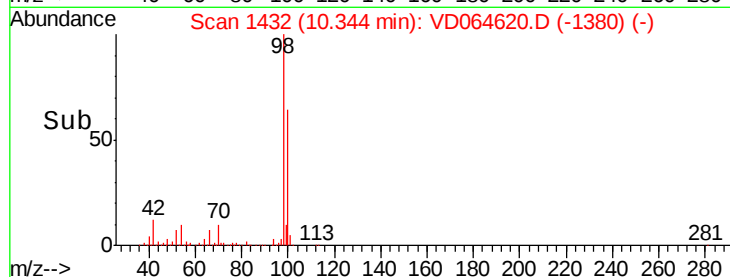
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.305 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064620.D

Acq: 27 Dec 2019 02:32

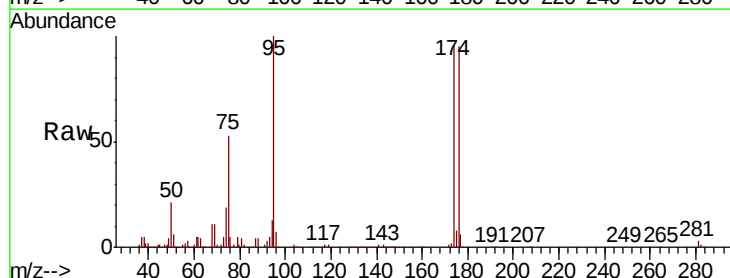
Tgt Ion: 95 Resp: 266855

Ion Ratio Lower Upper

95 100

174 94.2 0.0 193.2

176 91.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

12.64

200000

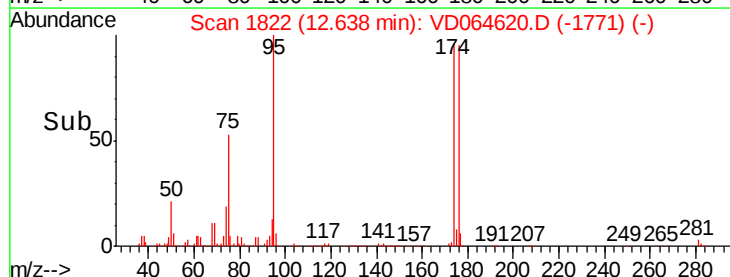
150000

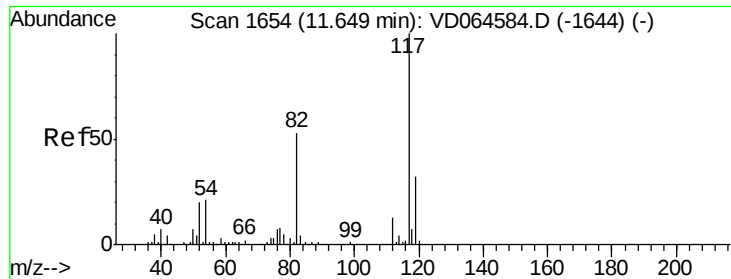
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

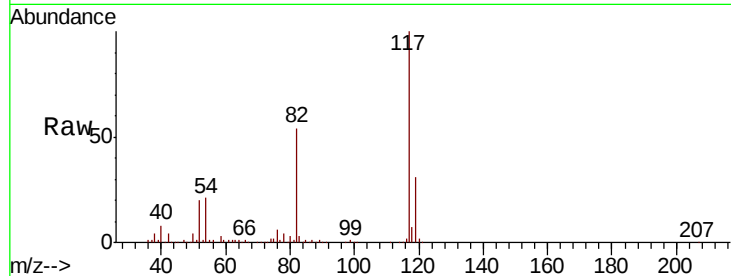




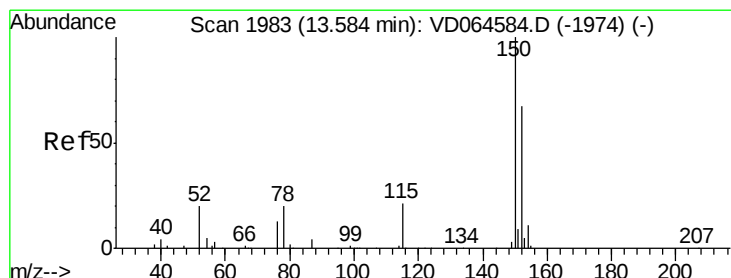
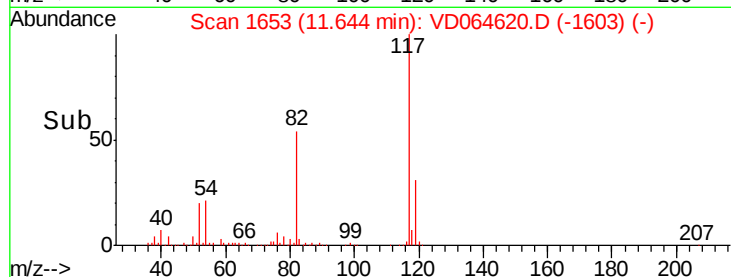
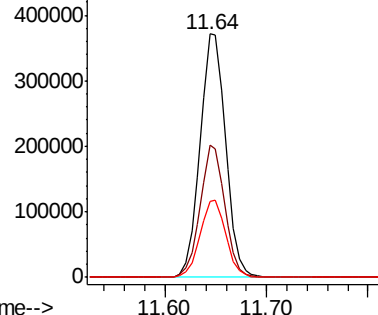
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064620.D
Acq: 27 Dec 2019 02:32

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122619

Tot Ion:117 Resp: 652264
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 31.4 26.0 39.0

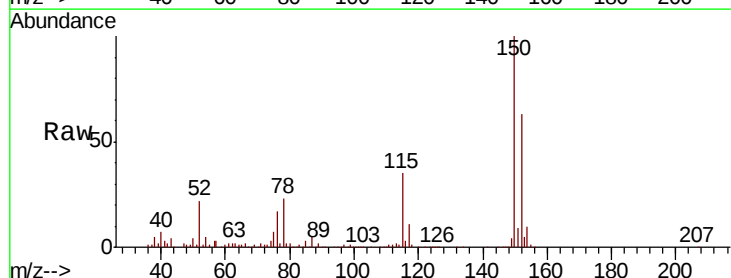


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

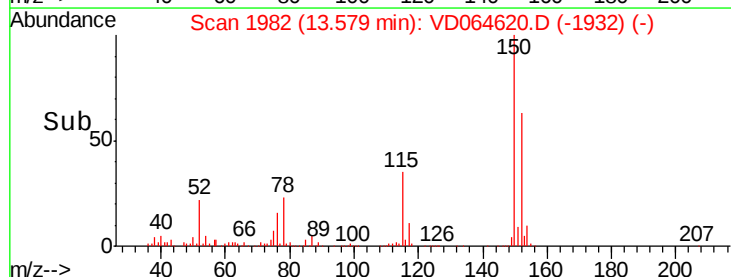
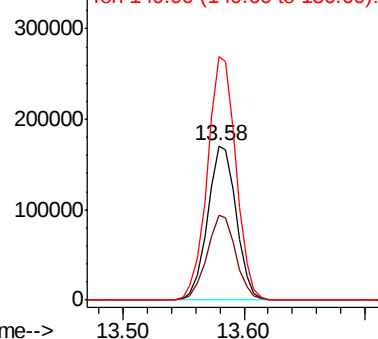


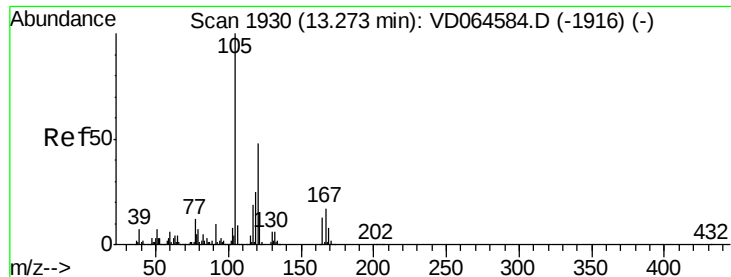
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064620.D
Acq: 27 Dec 2019 02:32

Tgt Ion:152 Resp: 281291
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 157.9 0.0 351.4



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





#84

1,2,4-Trimethylbenzene

Concen: 2.876 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD064620.D

Acq: 27 Dec 2019 02:32

Instrument :

MSVOA_D

ClientSampleId :

TR-05-122619

Tot Ion:105 Resp: 47303

Ion Ratio Lower Upper

105 100

120 47.1 23.8 71.2

