

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013120\
 Data File : VD065041.D
 Acq On : 31 Jan 2020 18:42
 Operator : VA/SY
 Sample : L1016-15
 Misc : 8.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

Quant Time: Feb 03 00:46:44 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

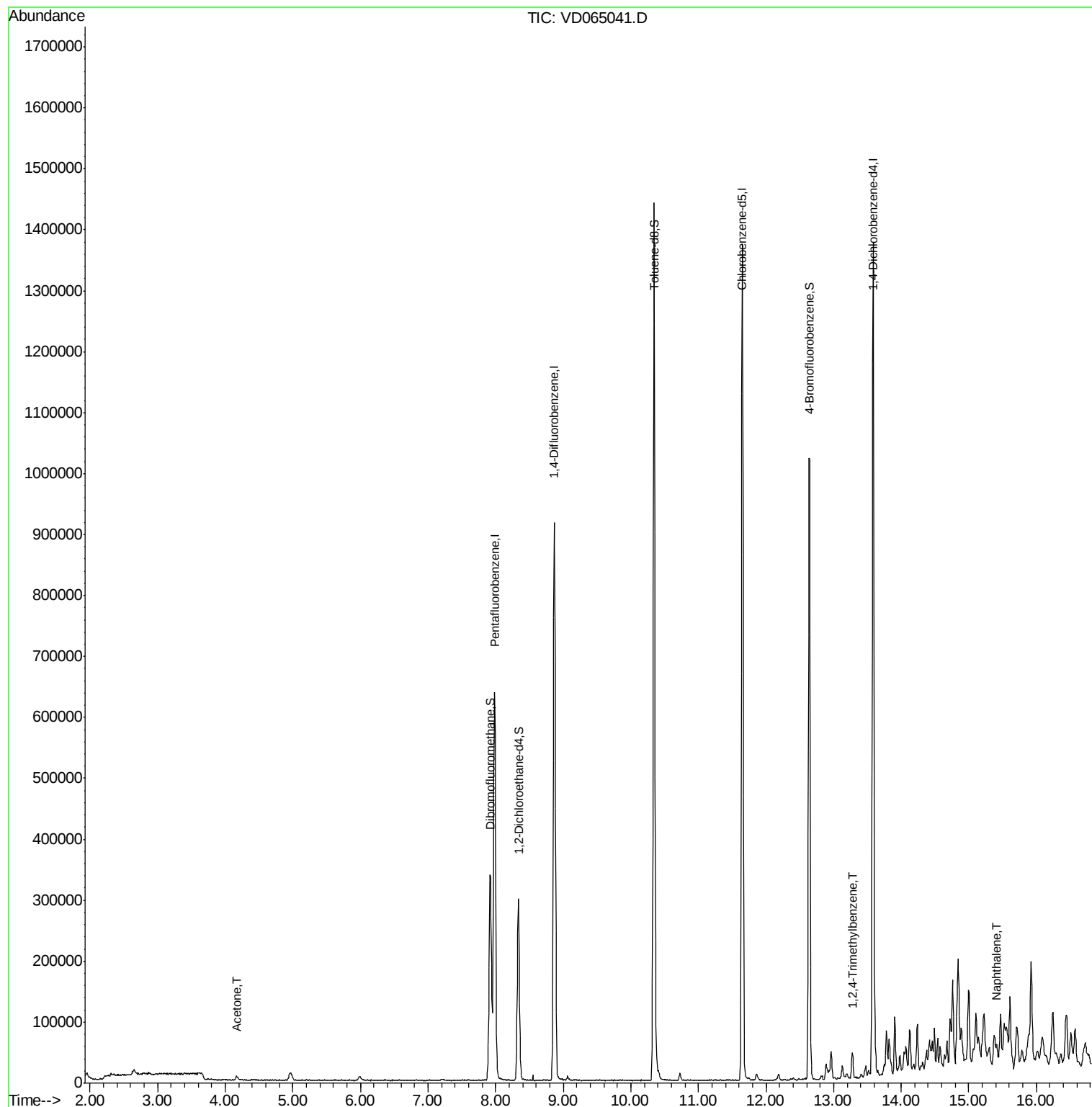
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	481817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	775988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	757309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	362074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	239152	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.93	113	240642	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.34	98	943569	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.64	95	315869	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
Target Compounds						
16) Acetone	4.17	43	9701	20.929	ug/l	90
84) 1,2,4-Trimethylbenzene	13.28	105	22980	1.119	ug/l	100
95) Naphthalene	15.41	128	14555	1.322	ug/l #	89

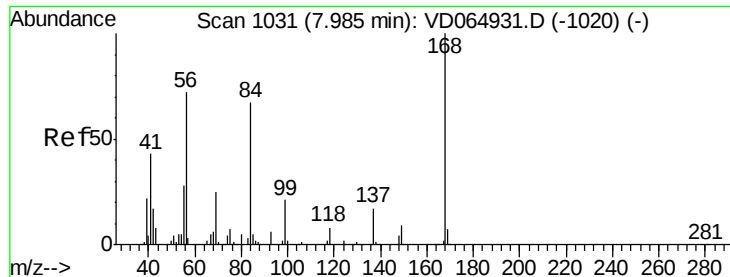
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013120\
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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065041.D

Acq: 31 Jan 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

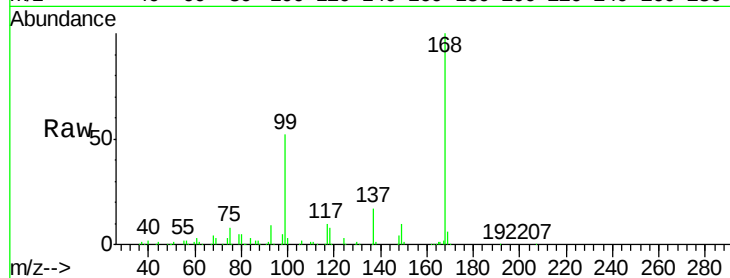
SU-02-013120

Tot Ion:168 Resp: 481817

Ion Ratio Lower Upper

168 100

99 52.2 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

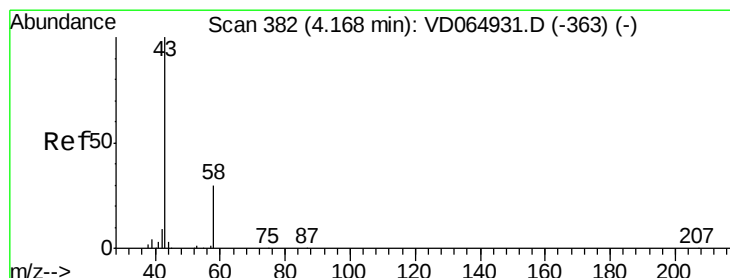
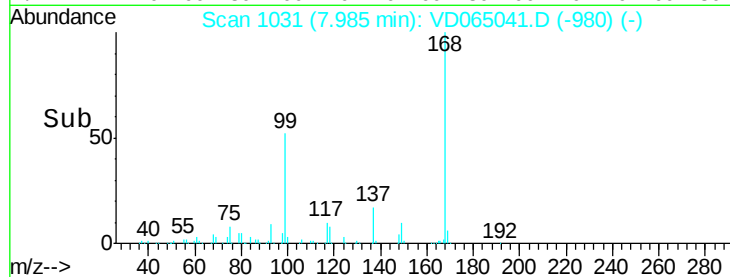
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.929 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065041.D

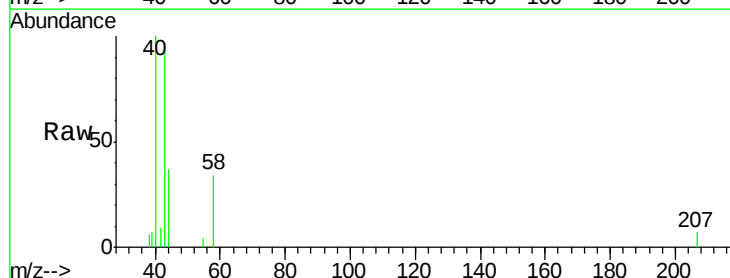
Acq: 31 Jan 2020 18:42

Tgt Ion: 43 Resp: 9701

Ion Ratio Lower Upper

43 100

58 34.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

4000

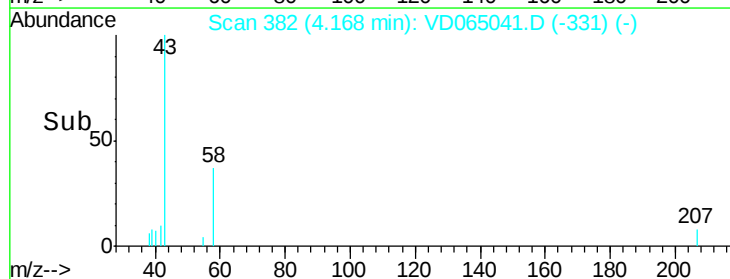
3000

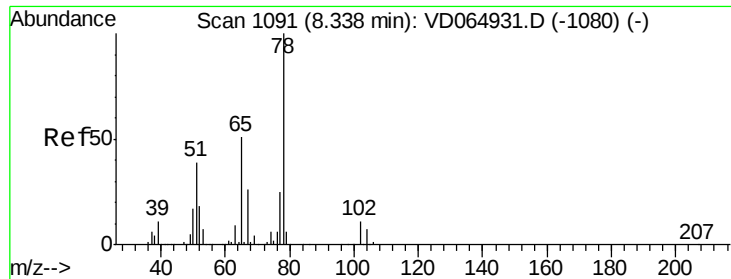
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1000

0

Time-->

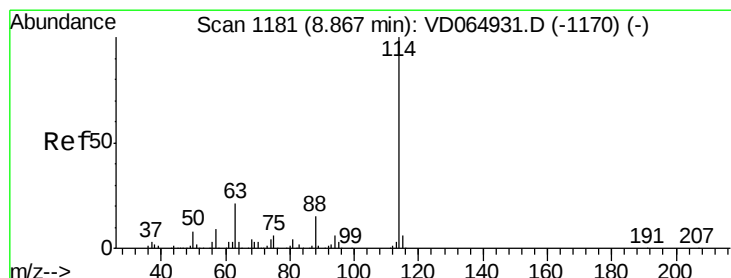
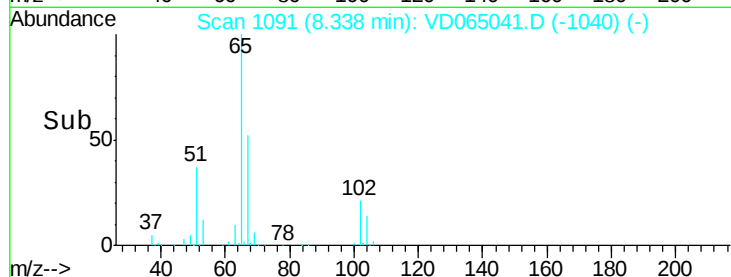
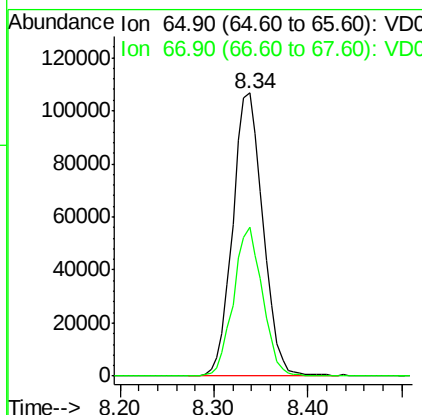
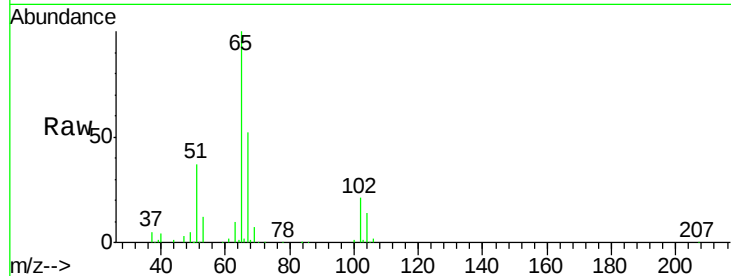




#33
 1,2-Dichloroethane-d4
 Concen: 51.746 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

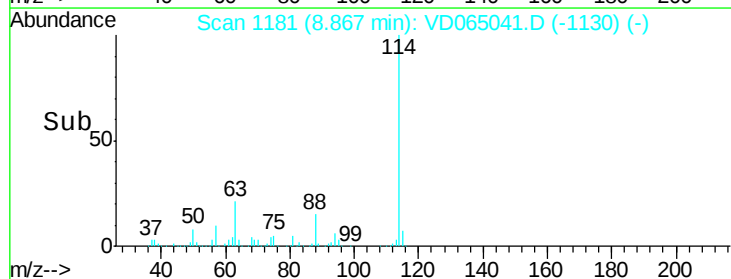
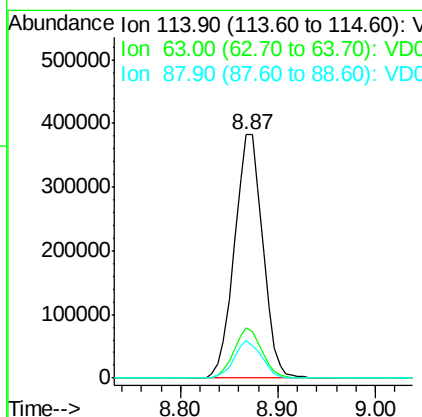
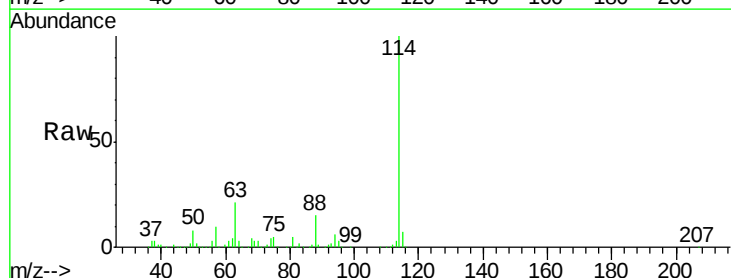
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

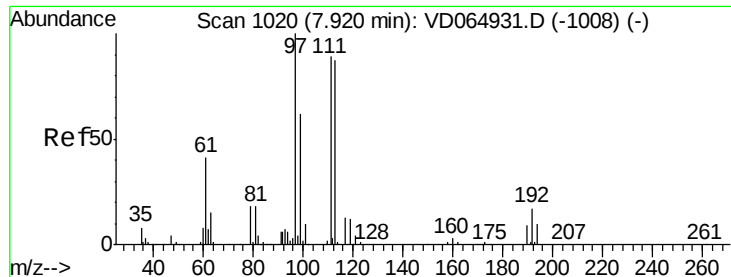
Tot Ion: 65 Resp: 239152
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Tgt Ion: 114 Resp: 775988
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 15.3 0.0 29.4

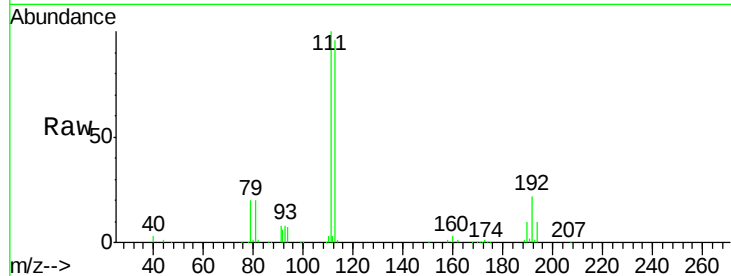




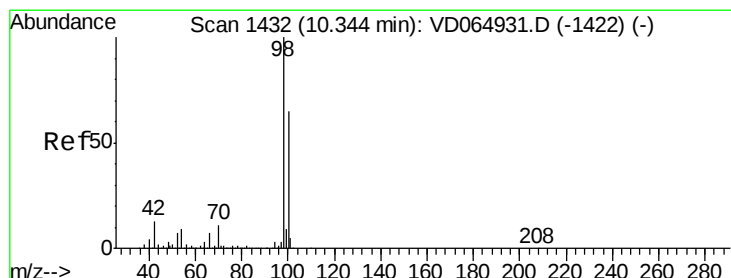
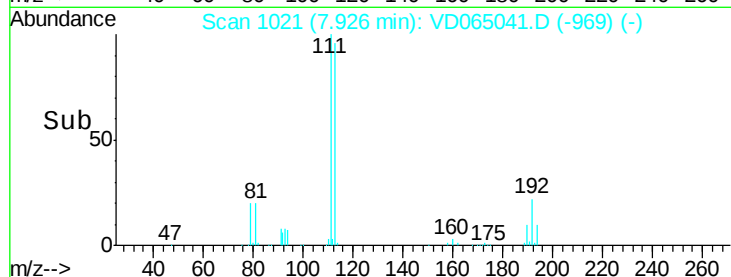
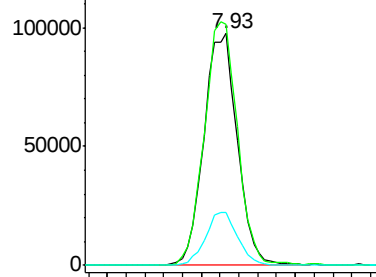
#35
 Dibromofluoromethane
 Concen: 49.348 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	22.0	16.9	25.3

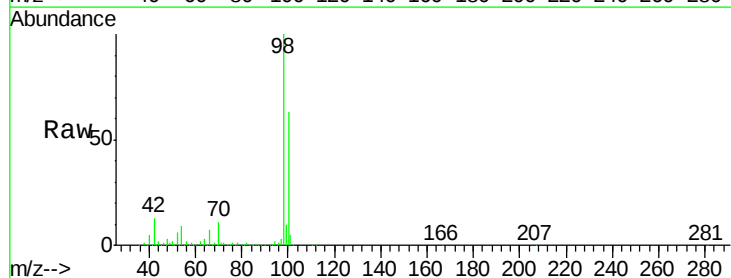


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

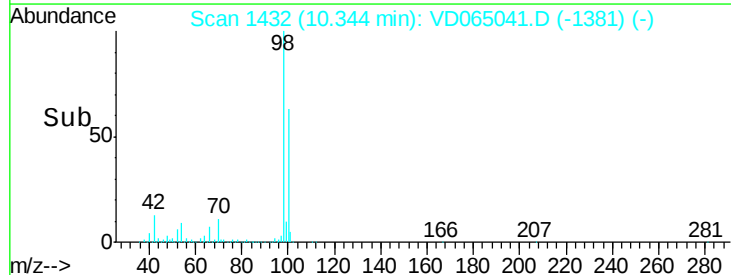
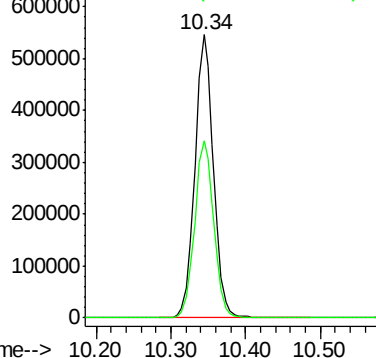


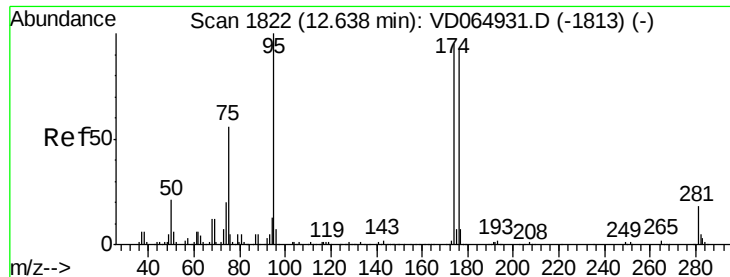
#50
 Toluene-d8
 Concen: 50.133 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

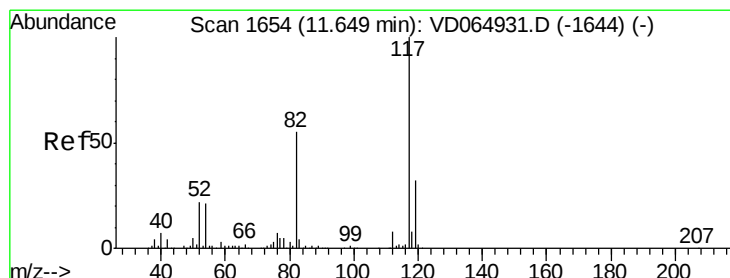
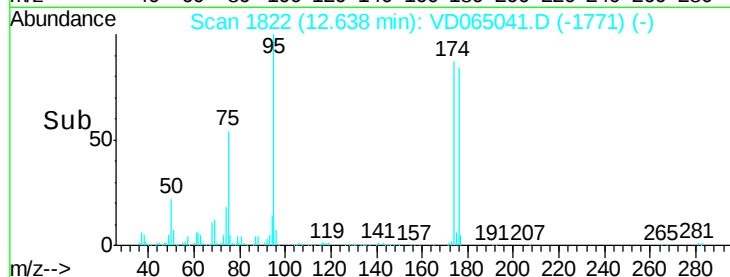
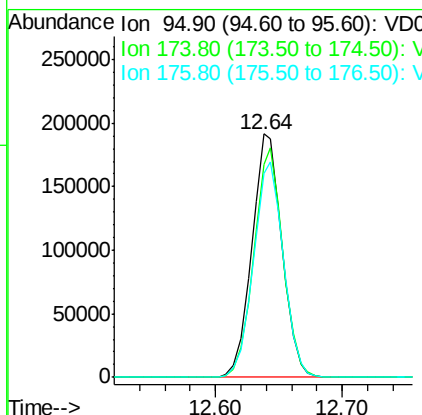
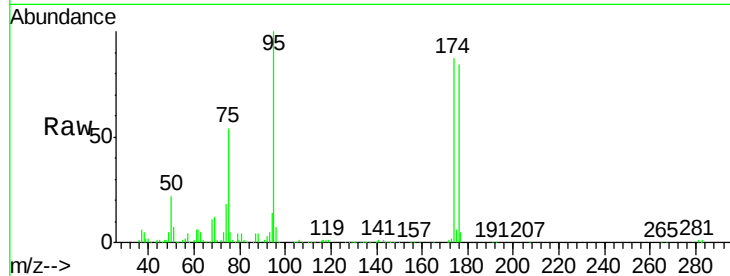




#62
4-Bromofluorobenzene
Concen: 54.842 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

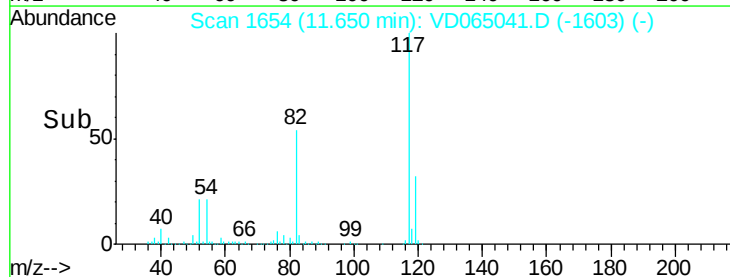
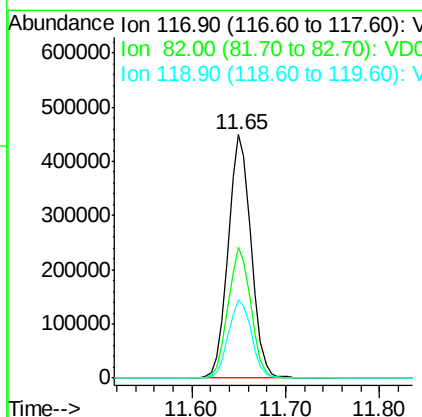
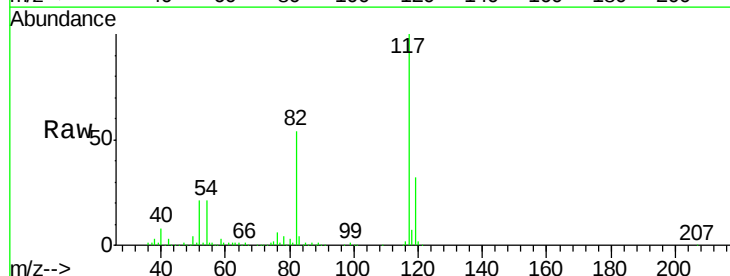
Instrument :
MSVOA_D
ClientSampleId :
SU-02-013120

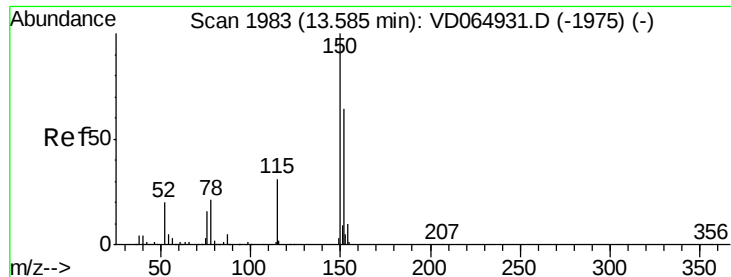
Tot Ion: 95 Resp: 315869
Ion Ratio Lower Upper
95 100
174 91.6 0.0 186.8
176 88.1 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

Tgt Ion: 117 Resp: 757309
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.2 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: VD065041.D

Acq: 31 Jan 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

SU-02-013120

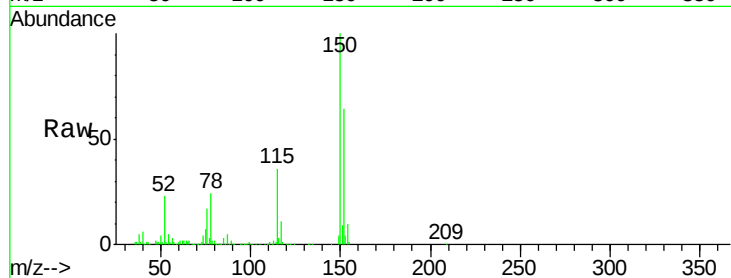
Tot Ion:152 Resp: 362074

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

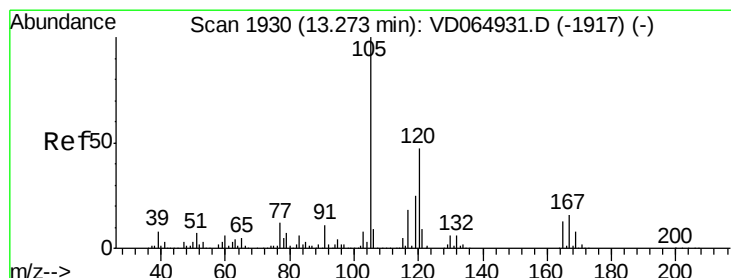
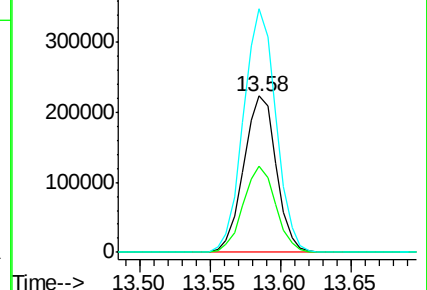
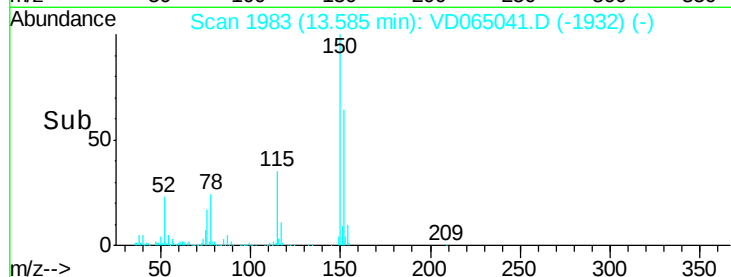
150 154.9 0.0 350.4



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: 1.119 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD065041.D

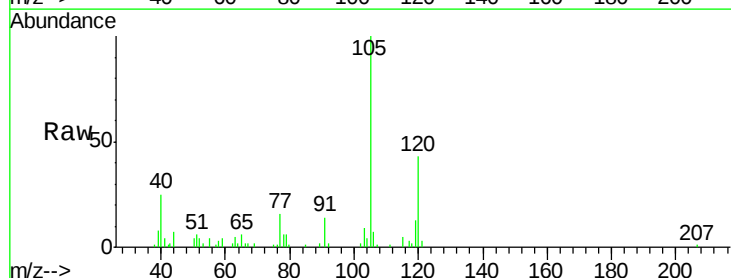
Acq: 31 Jan 2020 18:42

Tgt Ion:105 Resp: 22980

Ion Ratio Lower Upper

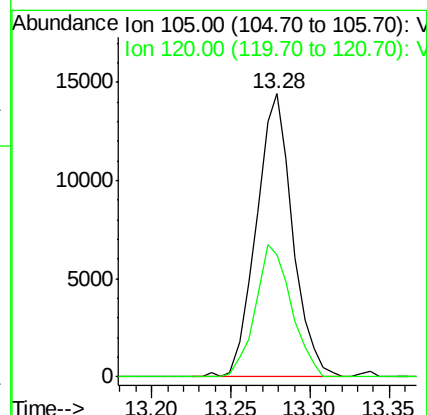
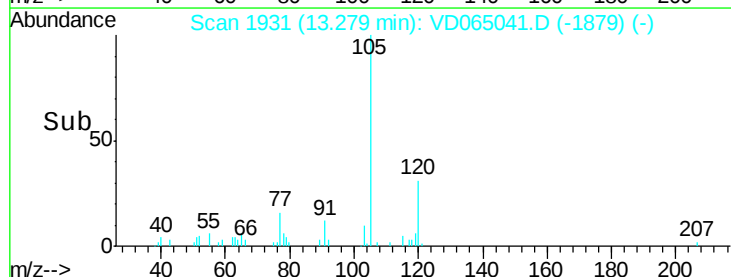
105 100

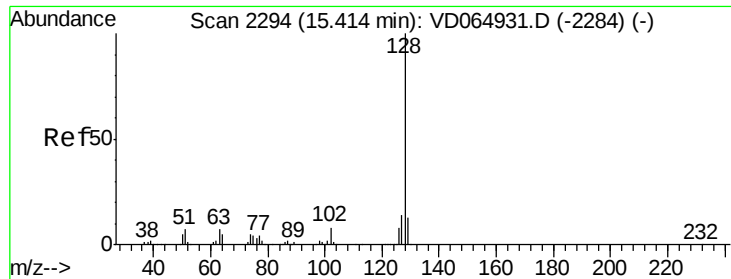
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.322 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065041.D

Acq: 31 Jan 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

SU-02-013120

Tot Ion:128 Resp: 14555

Ion Ratio Lower Upper

128 100

127 18.7 10.6 15.8#

129 8.7 9.3 13.9#

