

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064568.D
 Acq On : 23 Dec 2019 15:05
 Operator : VA/SY
 Sample : K6396-06
 Misc : 4.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(8-10)

Quant Time: Dec 24 06:12:51 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

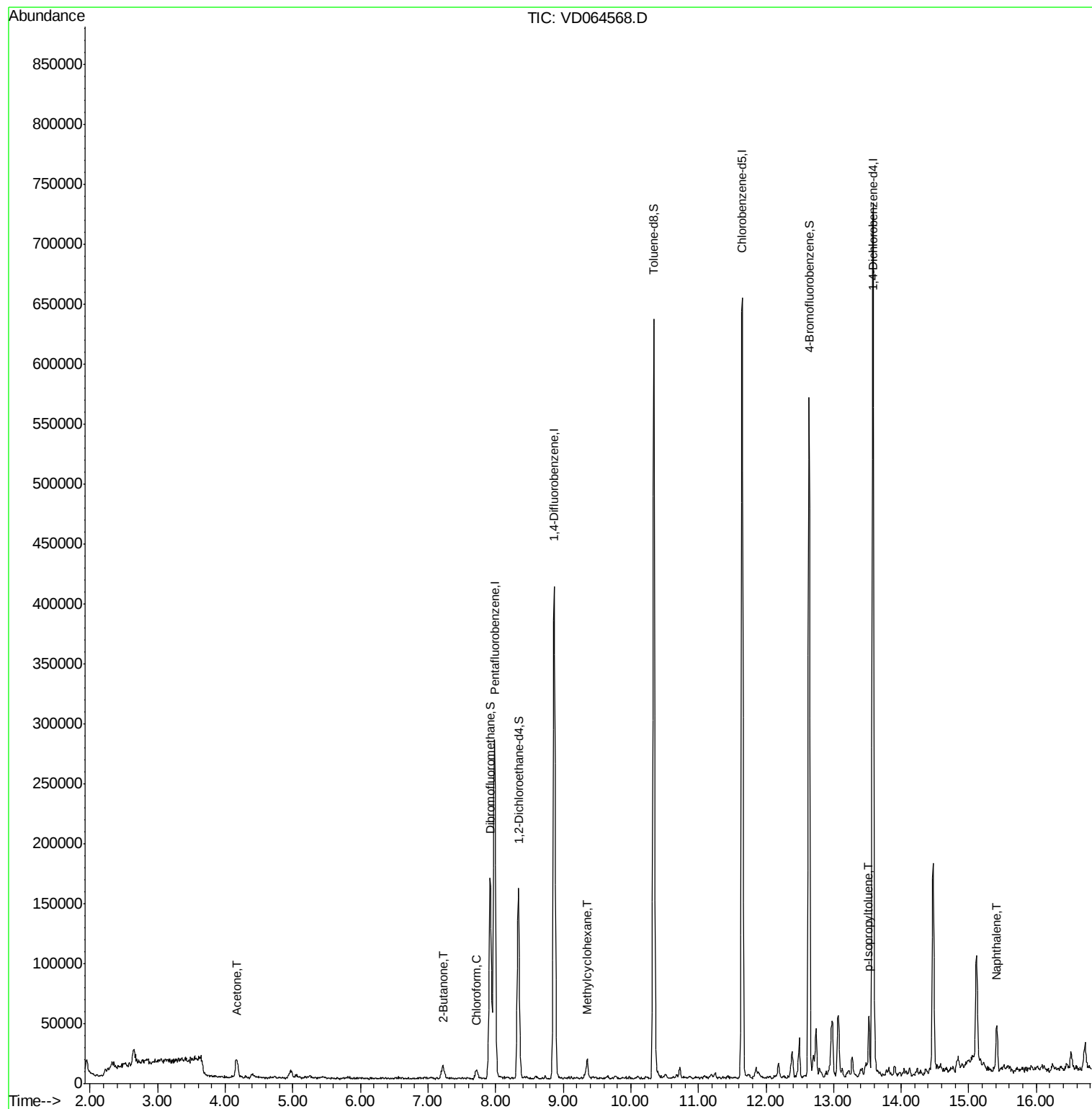
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	227414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	355562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	123469	59.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.96%	
35) Dibromofluoromethane	7.91	113	116333	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
50) Toluene-d8	10.34	98	433629	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.64	95	174275	64.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.52%	
Target Compounds						
16) Acetone	4.17	43	29023	69.772	ug/l	94
25) 2-Butanone	7.23	43	6999	11.898	ug/l #	85
30) Chloroform	7.72	83	6948	1.766	ug/l	96
39) Methylcyclohexane	9.35	83	5790	1.388	ug/l #	86
86) p-Isopropyltoluene	13.53	119	26715	2.003	ug/l	92
95) Naphthalene	15.41	128	32600	4.395	ug/l	97

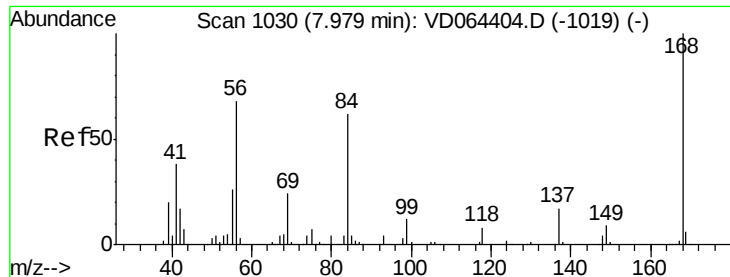
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-2-(8-10)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
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: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064568.D

Acq: 23 Dec 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

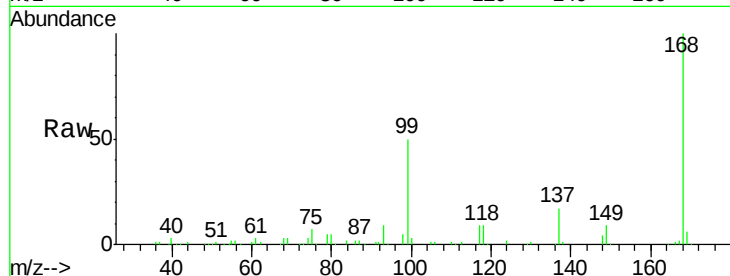
SB-2-(8-10)

Tot Ion:168 Resp: 227414

Ion Ratio Lower Upper

168 100

99 49.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

100000

80000

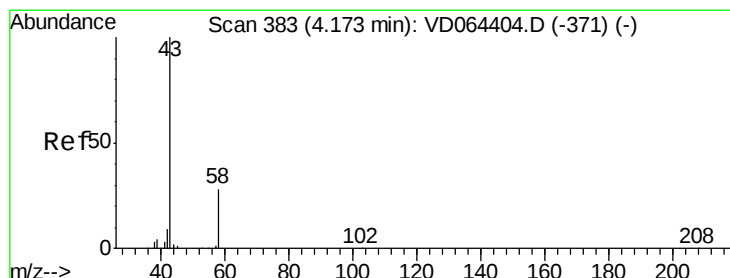
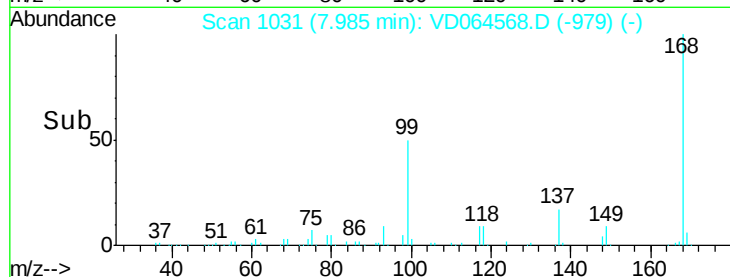
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 69.772 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064568.D

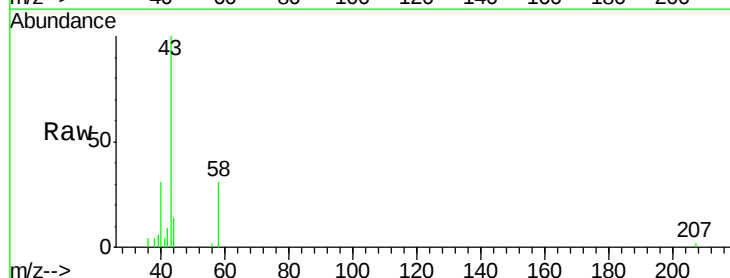
Acq: 23 Dec 2019 15:05

Tgt Ion: 43 Resp: 29023

Ion Ratio Lower Upper

43 100

58 31.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

10000

8000

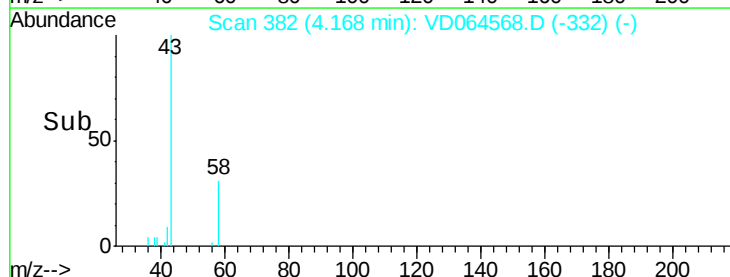
6000

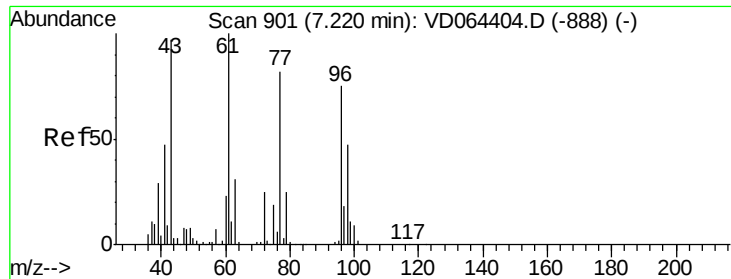
4000

2000

0

Time-->





#25

2-Butanone

Concen: 11.898 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD064568.D

Acq: 23 Dec 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

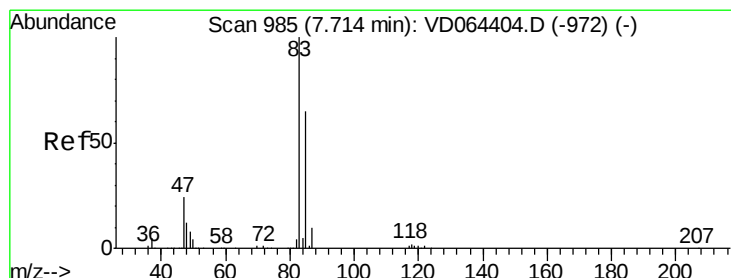
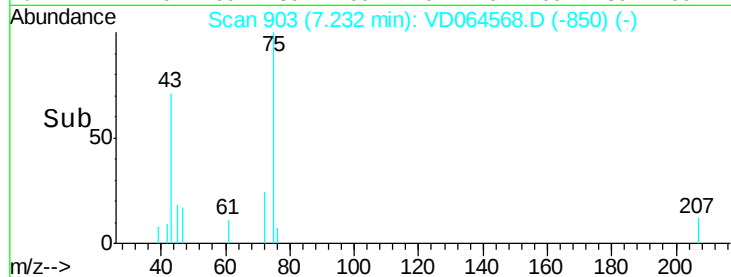
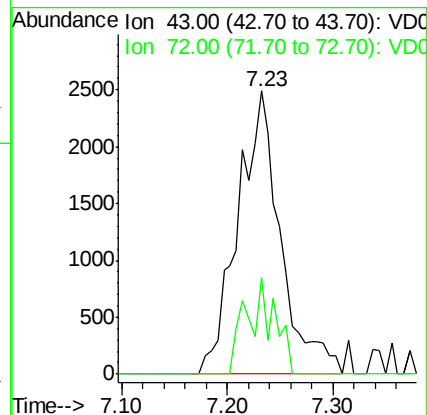
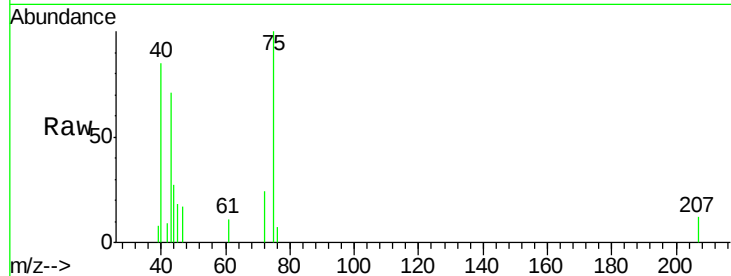
SB-2-(8-10)

Tot Ion: 43 Resp: 6999

Ion Ratio Lower Upper

43 100

72 34.1 21.0 31.4#



#30

Chloroform

Concen: 1.766 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064568.D

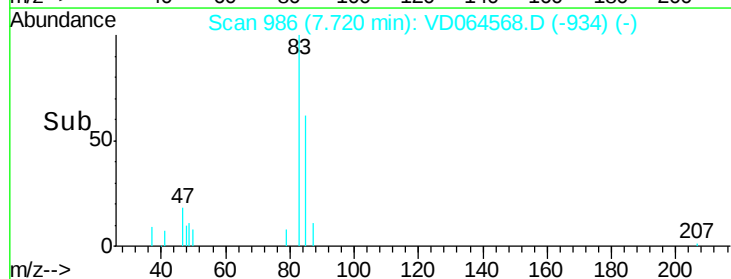
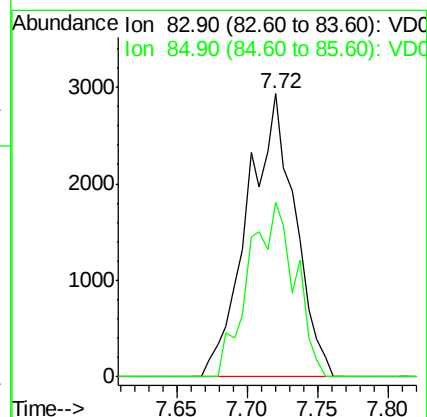
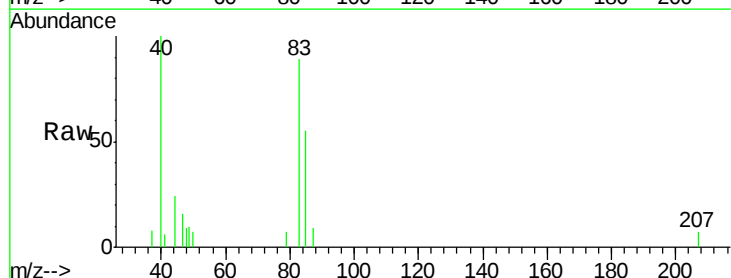
Acq: 23 Dec 2019 15:05

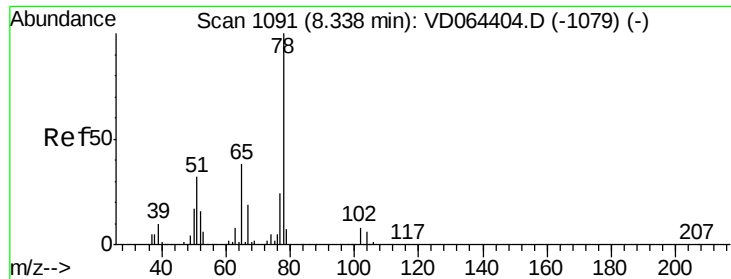
Tgt Ion: 83 Resp: 6948

Ion Ratio Lower Upper

83 100

85 61.5 51.8 77.6

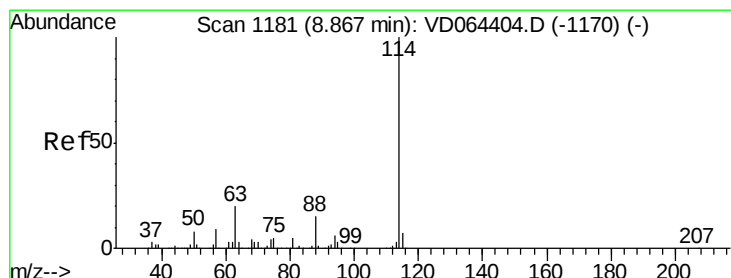
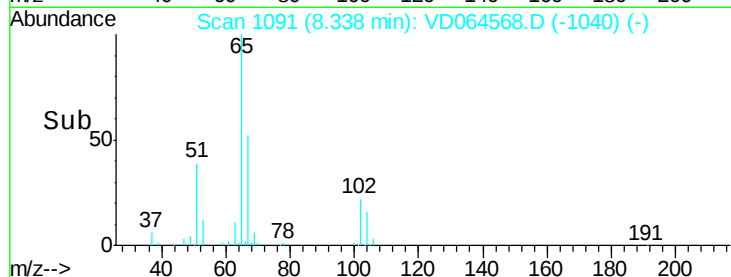
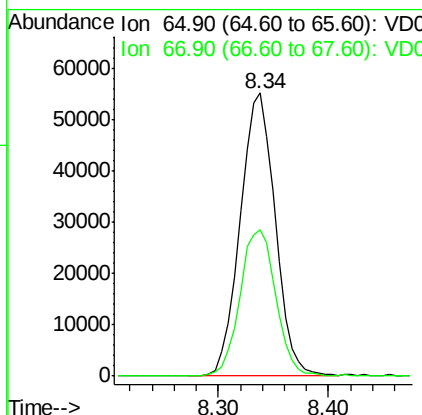
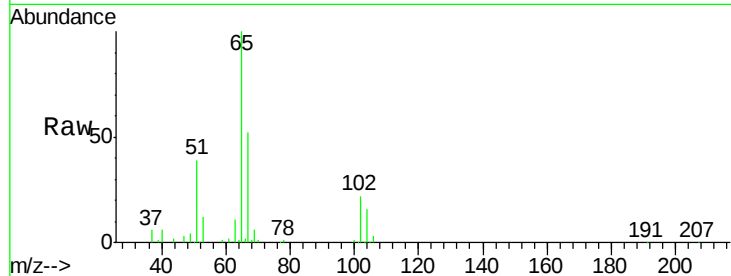




#33
 1,2-Dichloroethane-d4
 Concen: 59.982 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064568.D
 Acq: 23 Dec 2019 15:05

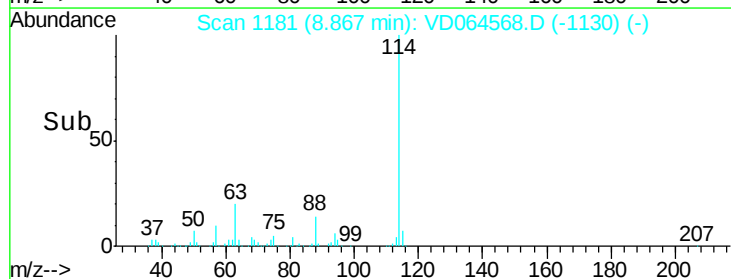
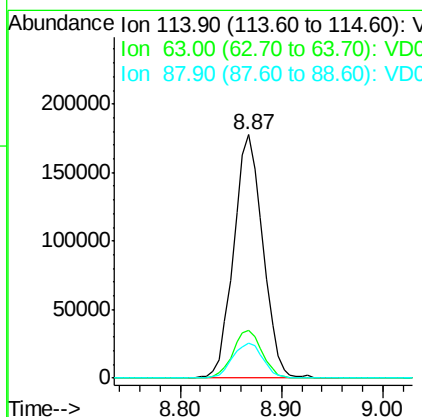
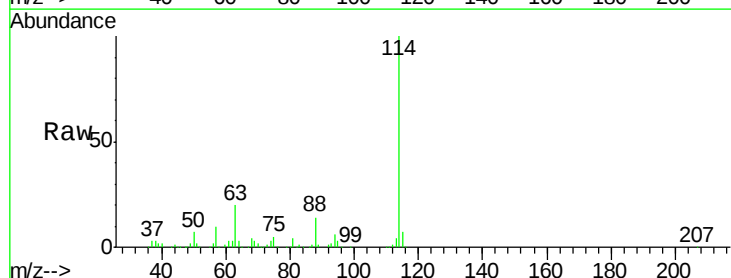
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(8-10)

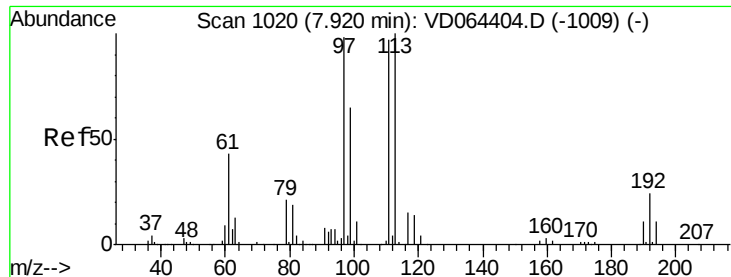
Tot Ion: 65 Resp: 123469
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064568.D
 Acq: 23 Dec 2019 15:05

Tgt Ion: 114 Resp: 355562
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 14.4 0.0 29.2

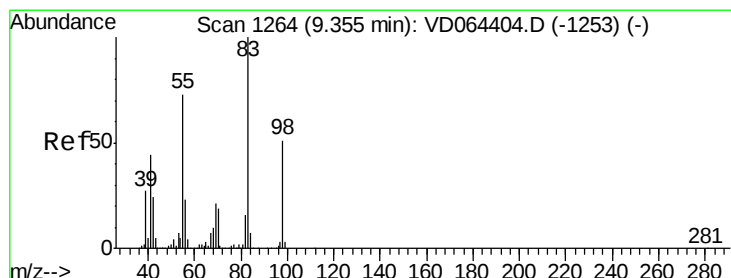
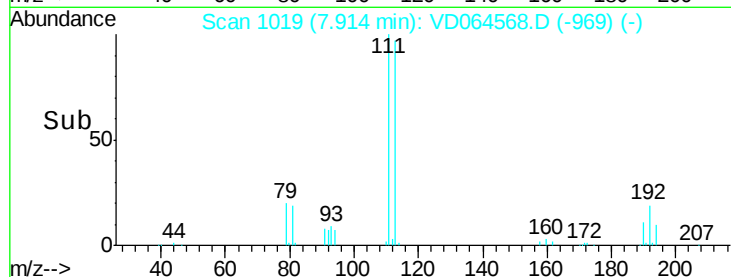
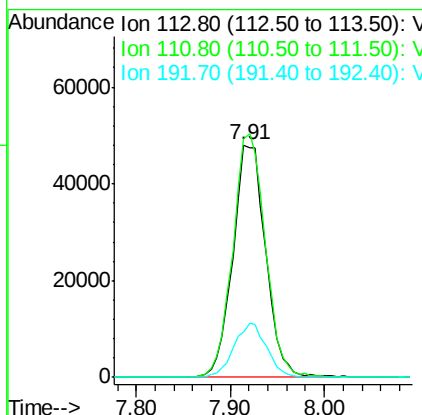
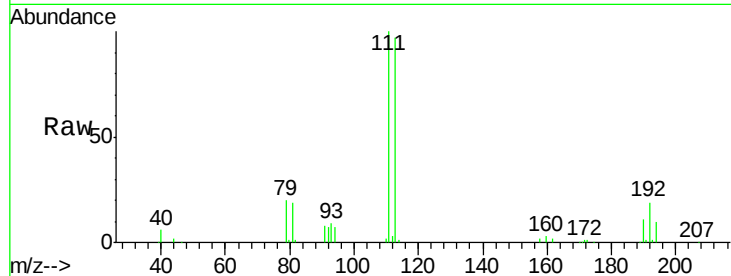




#35
 Dibromofluoromethane
 Concen: 51.929 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064568.D
 Acq: 23 Dec 2019 15:05

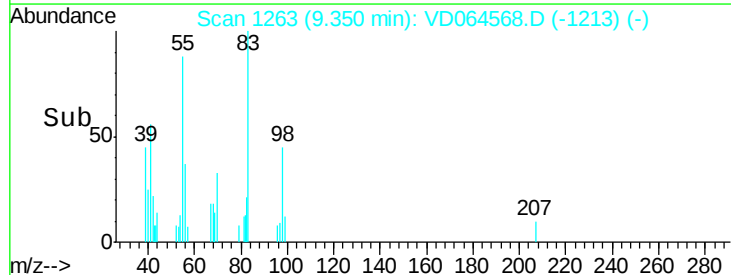
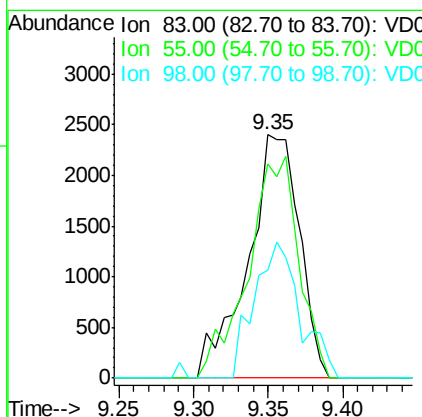
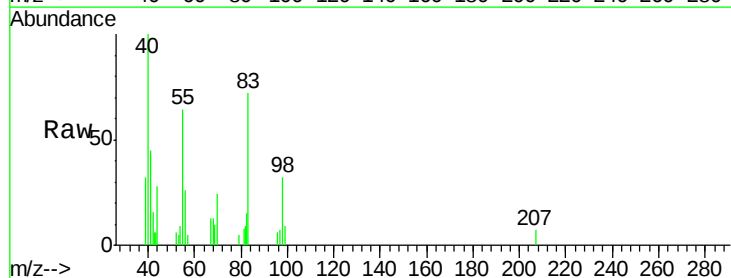
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(8-10)

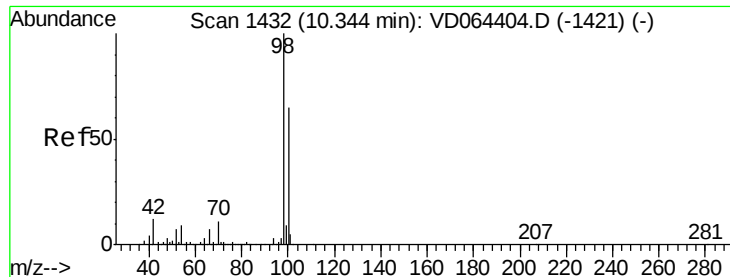
Tot Ion:113 Resp: 116333
 Ion Ratio Lower Upper
 113 100
 111 104.2 79.4 119.2
 192 23.1 18.6 28.0



#39
 Methylcyclohexane
 Concen: 1.388 ug/l
 RT: 9.35 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VD064568.D
 Acq: 23 Dec 2019 15:05

Tgt Ion: 83 Resp: 5790
 Ion Ratio Lower Upper
 83 100
 55 88.0 58.6 87.8#
 98 44.5 40.9 61.3

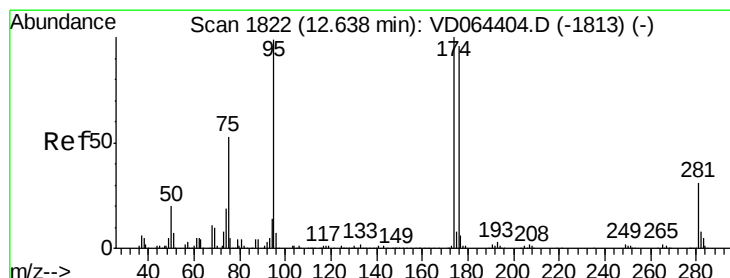
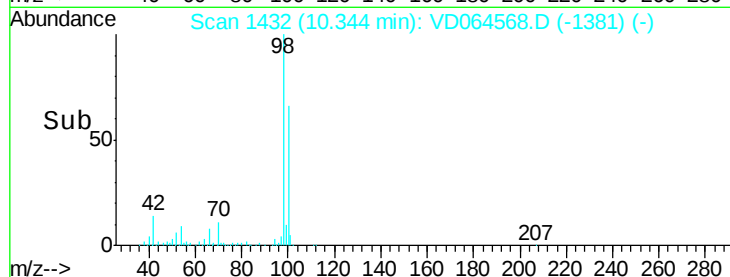
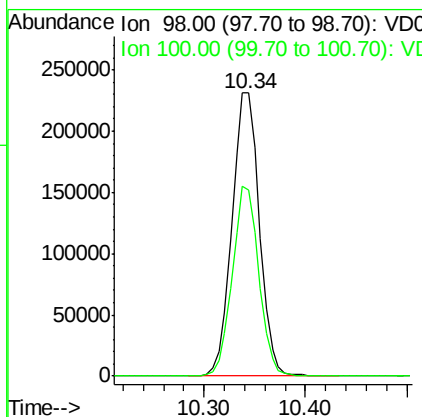
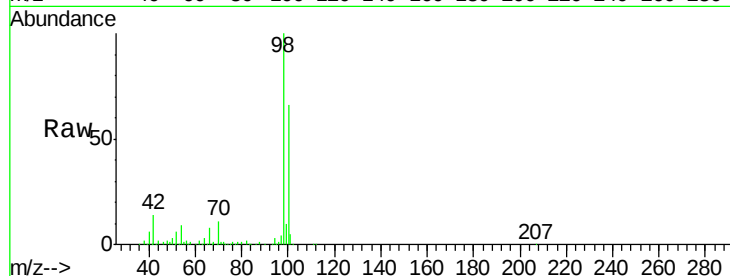




#50
Toluene-d8
Concen: 51.386 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064568.D
Acq: 23 Dec 2019 15:05

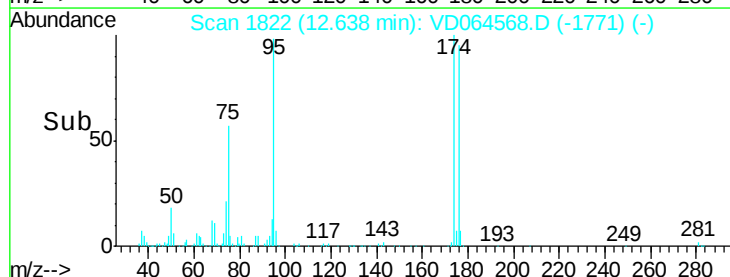
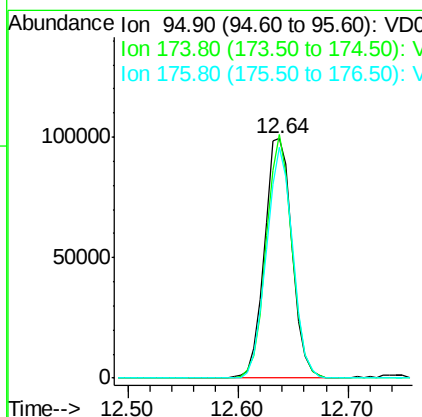
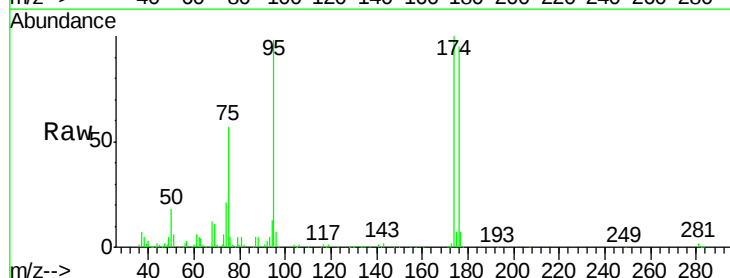
Instrument :
MSVOA_D
ClientSampled :
SB-2-(8-10)

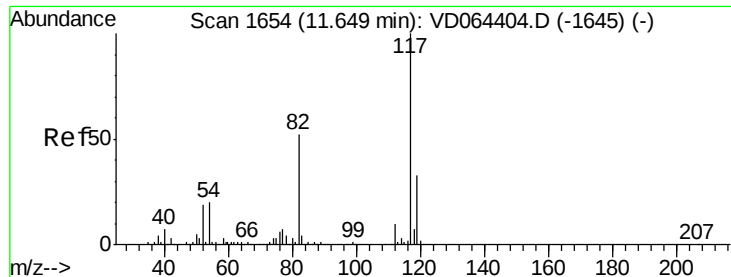
Tot Ion: 98 Resp: 433629
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 64.262 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064568.D
Acq: 23 Dec 2019 15:05

Tgt Ion: 95 Resp: 174275
Ion Ratio Lower Upper
95 100
174 94.0 0.0 197.2
176 91.4 0.0 189.6

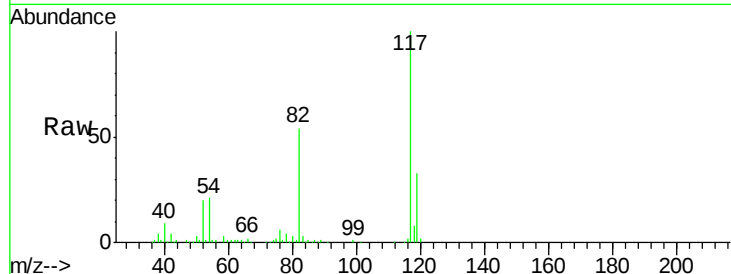




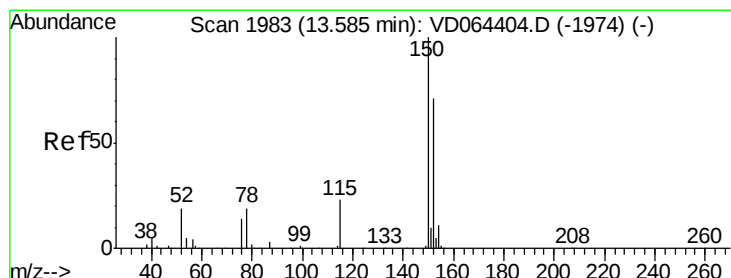
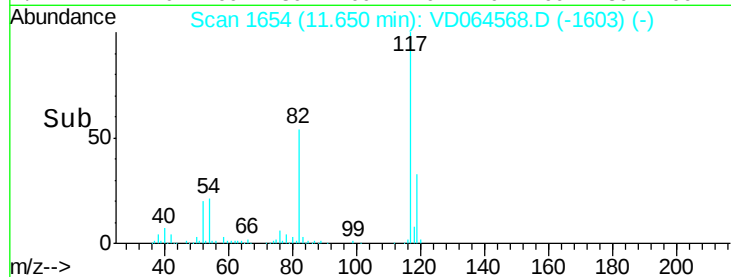
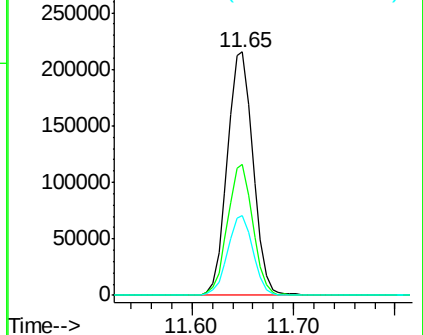
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064568.D
Acq: 23 Dec 2019 15:05

Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8-10)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.4	62.2
119	32.5	26.2	39.2

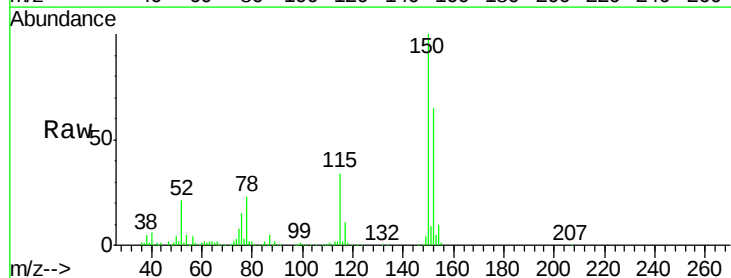


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

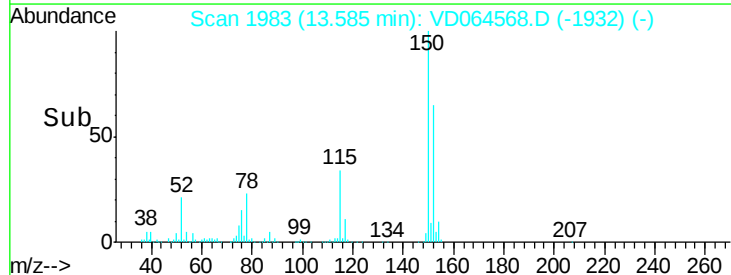
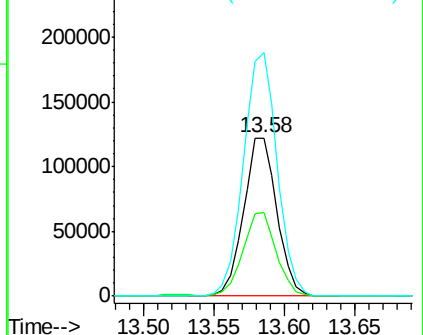


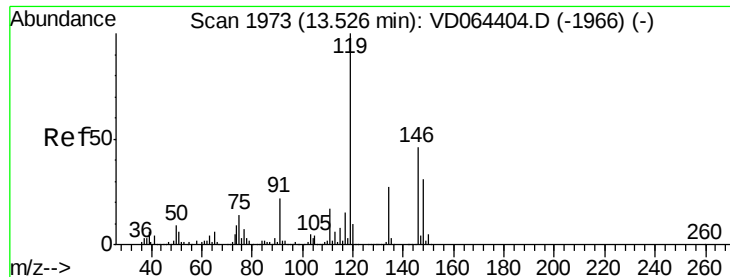
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064568.D
Acq: 23 Dec 2019 15:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.7	80.1
150	155.9	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





#86

p-Isopropyltoluene

Concen: 2.003 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064568.D

Acq: 23 Dec 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

SB-2-(8-10)

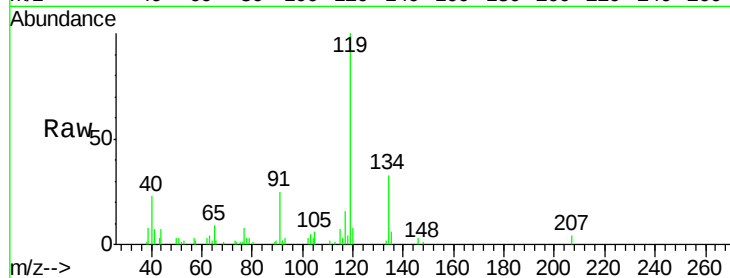
Tot Ion:119 Resp: 26715

Ion Ratio Lower Upper

119 100

134 30.5 13.5 40.4

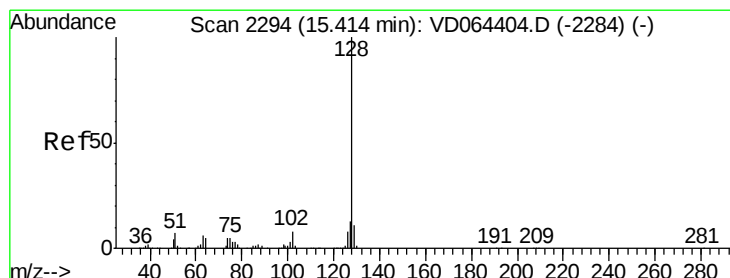
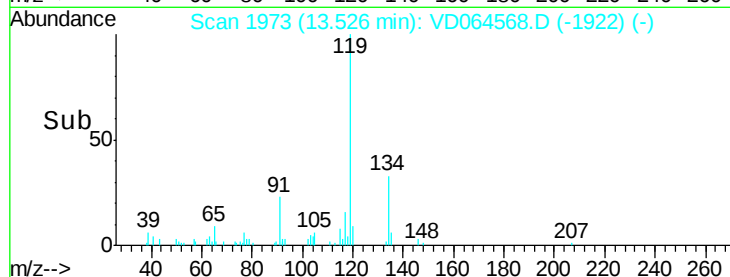
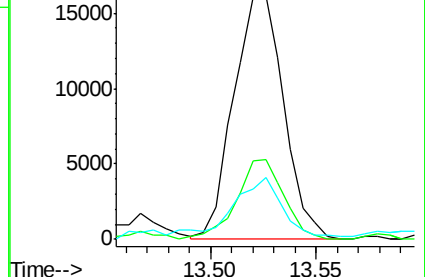
91 26.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 4.395 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064568.D

Acq: 23 Dec 2019 15:05

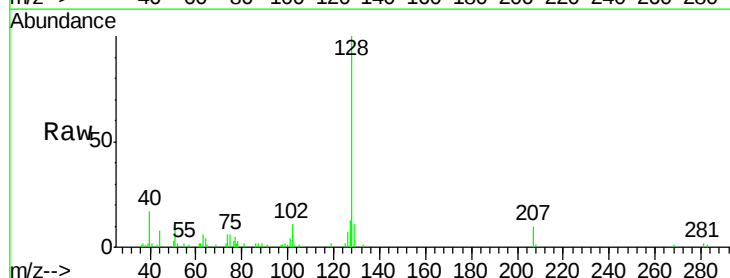
Tgt Ion:128 Resp: 32600

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 11.8 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

