

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062292.D
 Acq On : 25 Apr 2019 15:18
 Operator : FY/SY
 Sample : K2203-17RE
 Misc : 6.77g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-042419-ARE

Quant Time: Apr 26 01:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

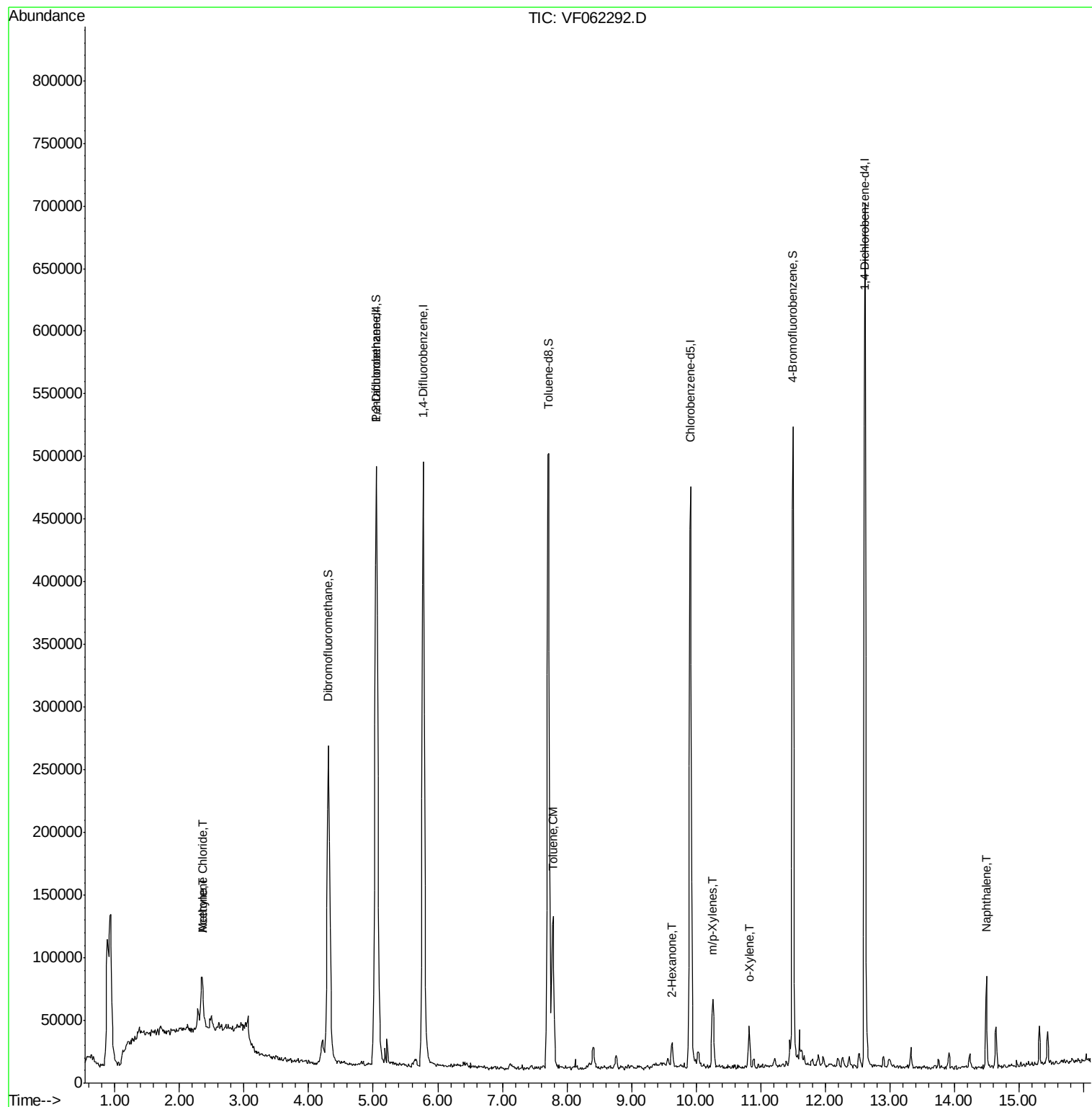
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	388965	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	570350	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	361817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	184710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	198572	63.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.06%	
35) Dibromofluoromethane	4.30	113	237843	56.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.48%	
50) Toluene-d8	7.72	98	451913	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
62) 4-Bromofluorobenzene	11.50	95	175963	41.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.66%	
Target Compounds						
16) Acetone	2.35	43	30213	42.830	ug/l #	85
20) Methylene Chloride	2.34	84	26962m	4.109	ug/l	
52) Toluene	7.78	92	64795	8.833	ug/l	98
59) 2-Hexanone	9.63	43	19612	4.483	ug/l	90
68) m/p-Xylenes	10.26	106	18726	4.376	ug/l	86
69) o-Xylene	10.82	106	9624	2.013	ug/l	89
95) Naphthalene	14.50	128	52306	7.153	ug/l	99

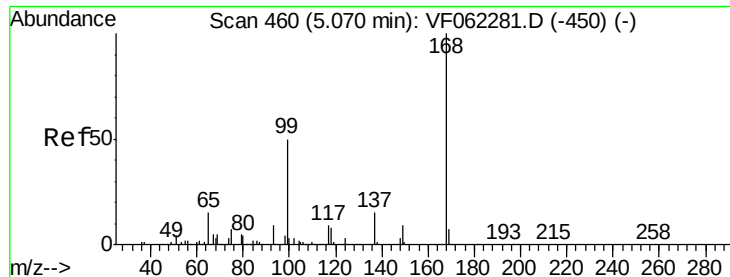
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062292.D

Acq: 25 Apr 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

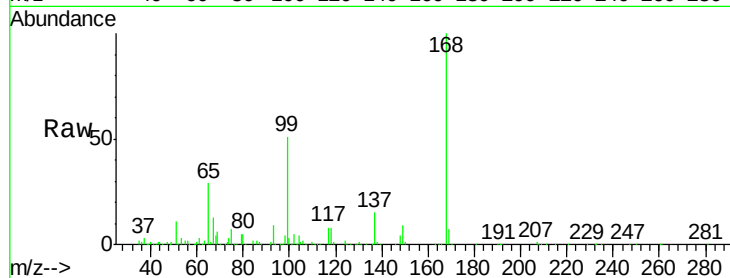
SU-03-042419-ARE

Tot Ion:168 Resp: 388965

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

150000

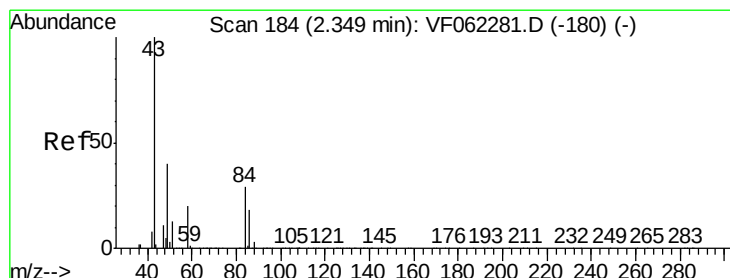
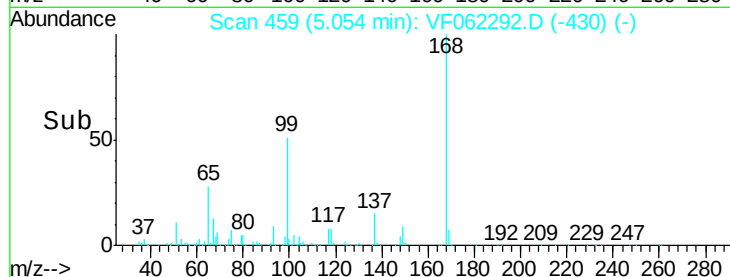
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 42.830 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062292.D

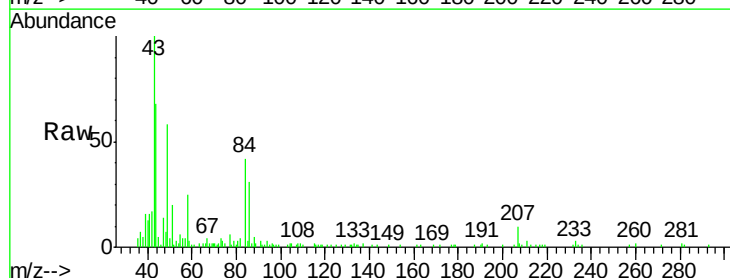
Acq: 25 Apr 2019 15:18

Tgt Ion: 43 Resp: 30213

Ion Ratio Lower Upper

43 100

58 27.3 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

15000

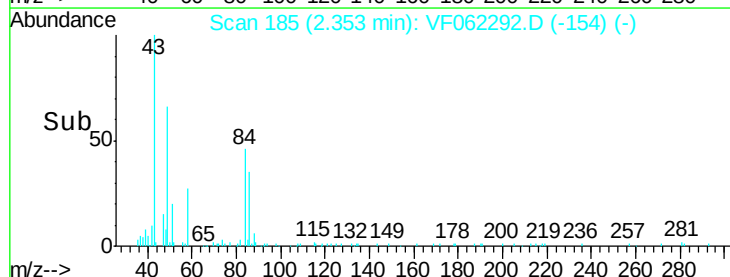
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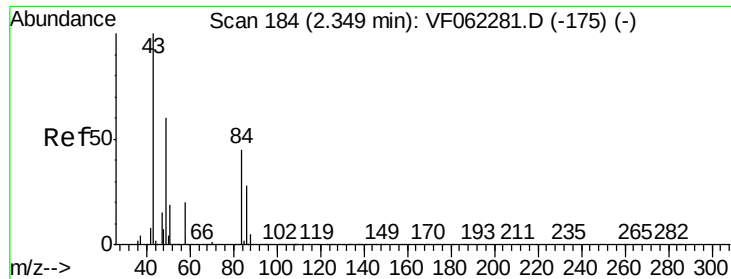
5000

0

Time-->

2.25 2.30 2.35 2.40 2.45

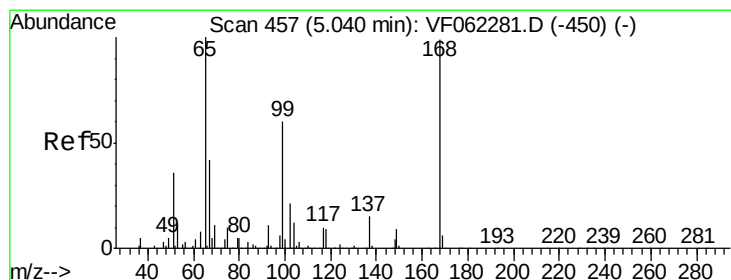
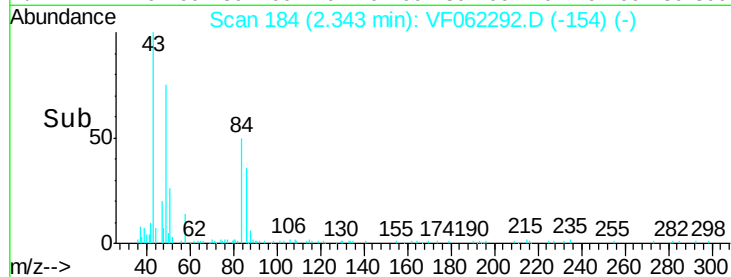
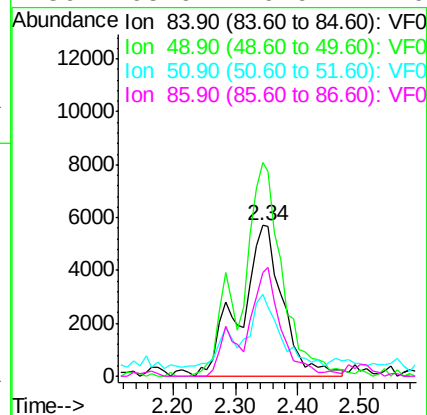
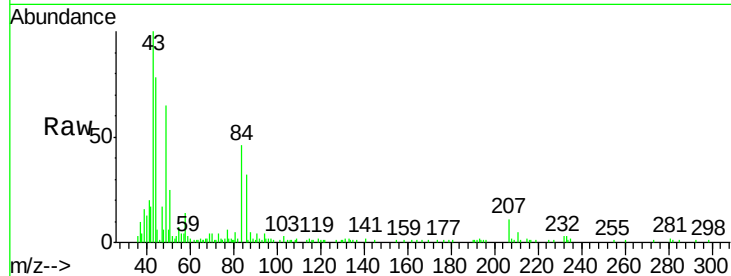




#20
Methylene Chloride
Concen: 4.109 ug/l m
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

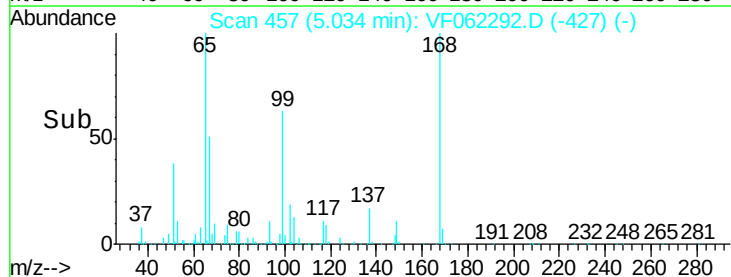
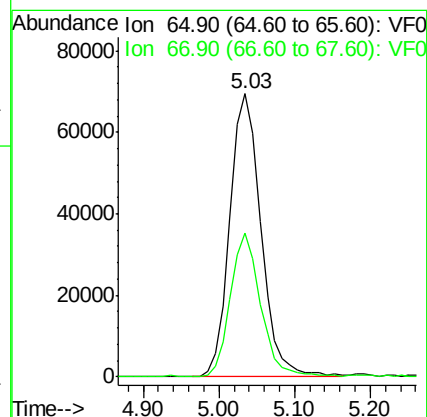
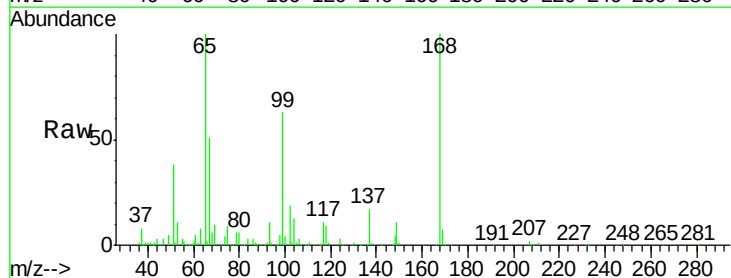
Instrument :
MSVOA_F
ClientSampleId :
SU-03-042419-ARE

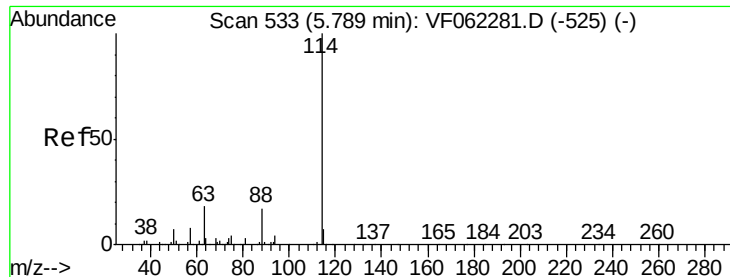
Tot Ion:	84	Resp:	26962
Ion	Ratio	Lower	Upper
84	100		
49	141.9	112.1	168.1
51	54.4	35.9	53.9#
86	68.9	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 63.026 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

Tgt Ion:	65	Resp:	198572
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	98.8

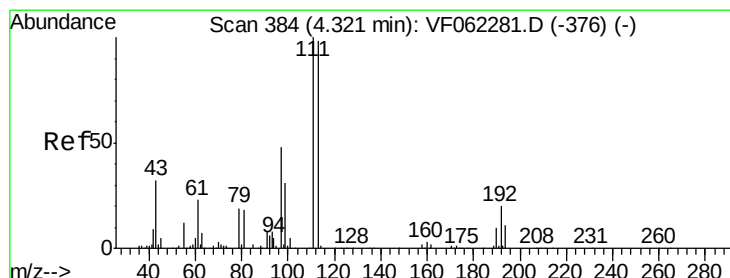
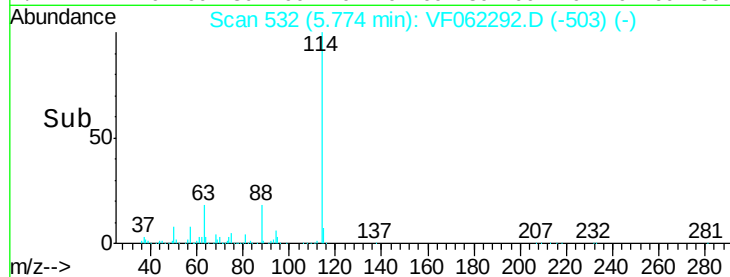
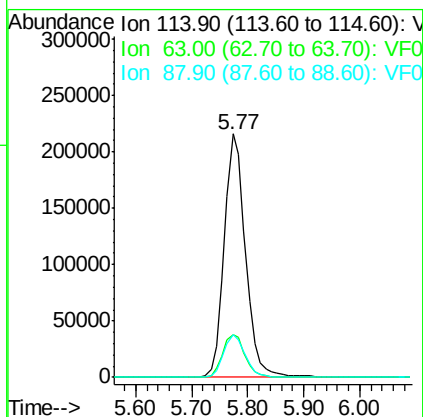
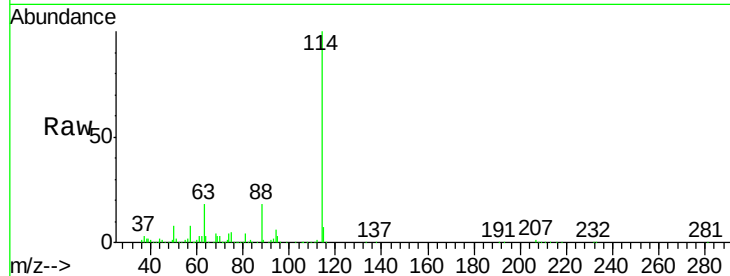




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VF062292.D
 Acq: 25 Apr 2019 15:18

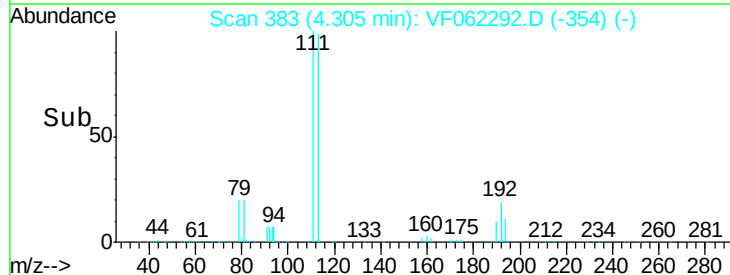
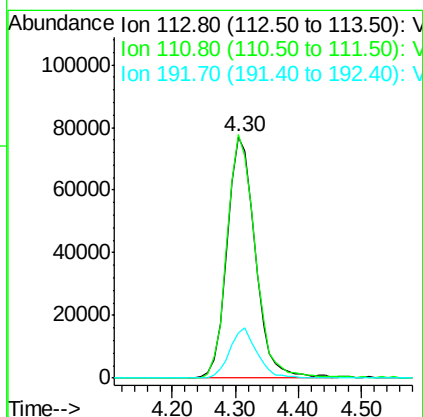
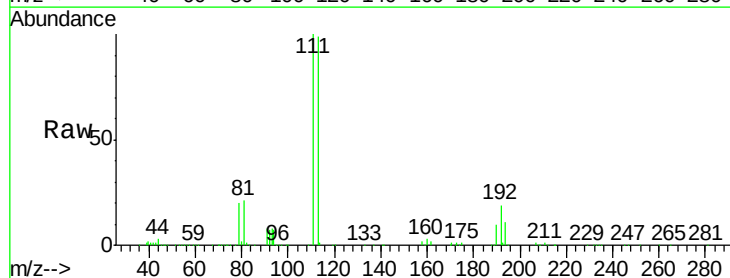
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-042419-ARE

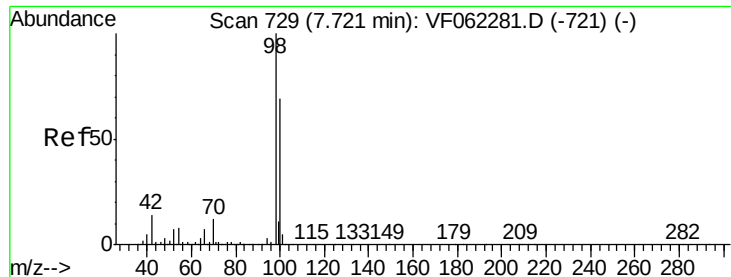
Tot Ion:	114	Resp:	570350
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.6
88	17.6	0.0	34.6



#35
 Dibromofluoromethane
 Concen: 56.243 ug/l
 RT: 4.30 min Scan# 383
 Delta R.T. -0.02 min
 Lab File: VF062292.D
 Acq: 25 Apr 2019 15:18

Tgt Ion:	113	Resp:	237843
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.2
192	20.0	17.0	25.4





#50

Toluene-d8

Concen: 43.750 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.01 min

Lab File: VF062292.D

Acq: 25 Apr 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

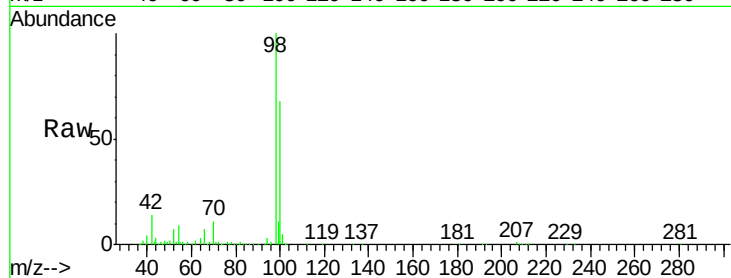
SU-03-042419-ARE

Tot Ion: 98 Resp: 451913

Ion Ratio Lower Upper

98 100

100 67.7 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.72

200000

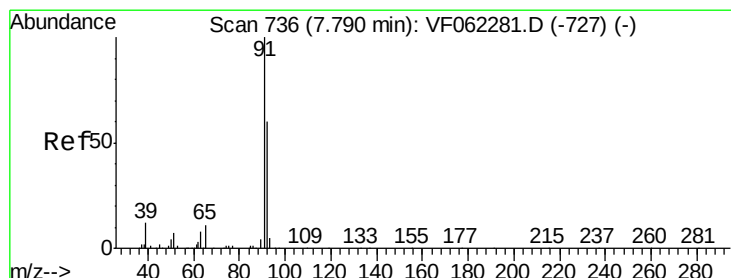
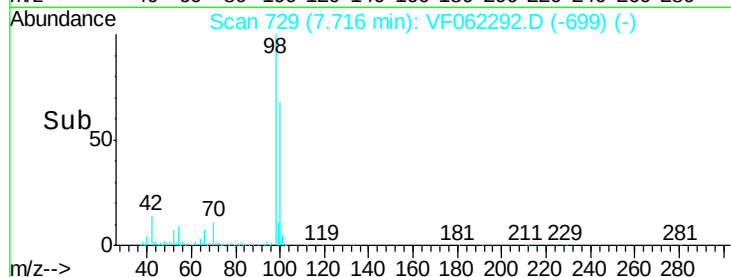
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 8.833 ug/l

RT: 7.78 min Scan# 736

Delta R.T. -0.01 min

Lab File: VF062292.D

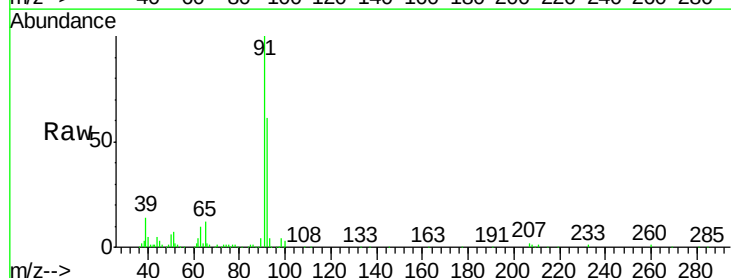
Acq: 25 Apr 2019 15:18

Tgt Ion: 92 Resp: 64795

Ion Ratio Lower Upper

92 100

91 167.8 132.5 198.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

50000

40000

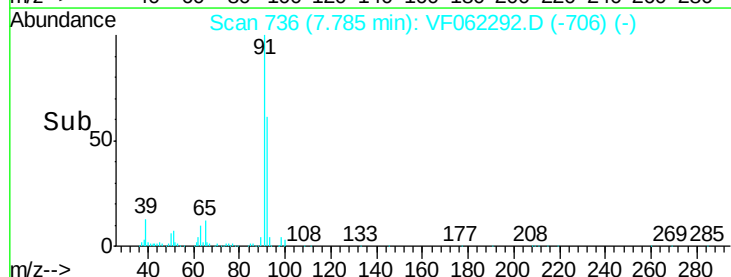
30000

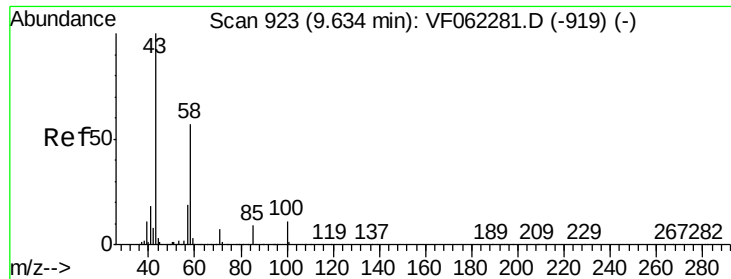
20000

10000

0

Time-->

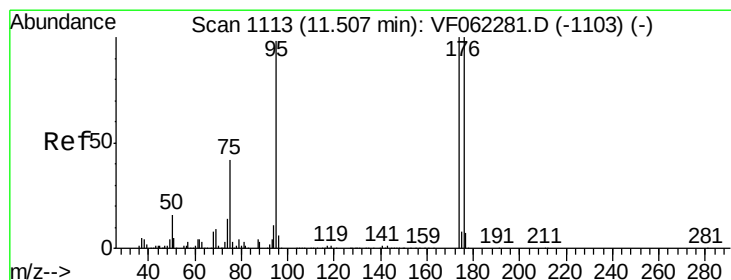
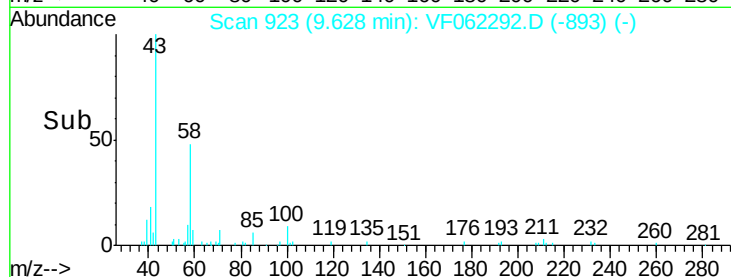
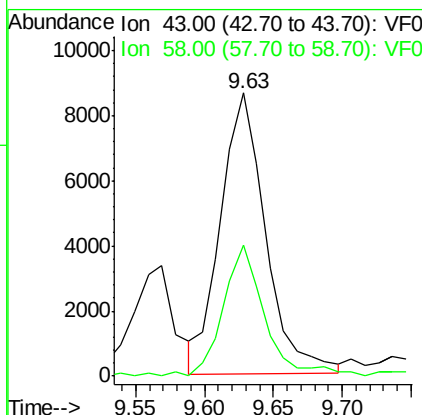
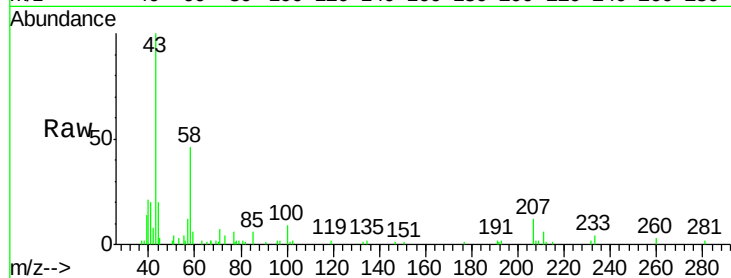




#59
2-Hexanone
Concen: 4.483 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

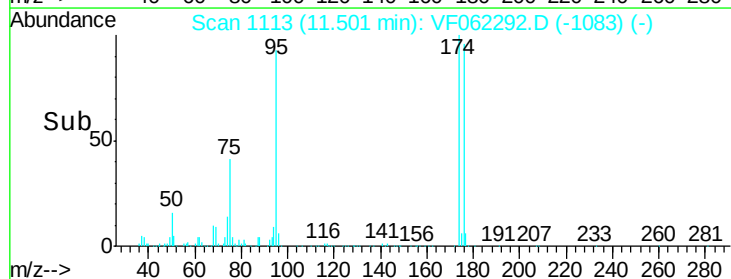
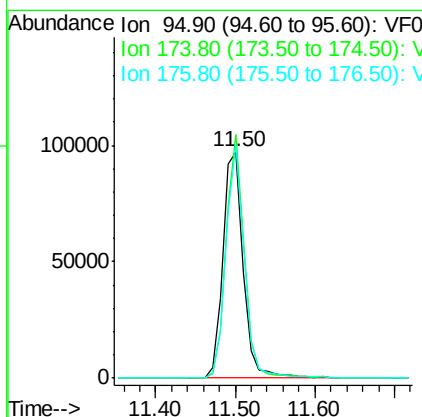
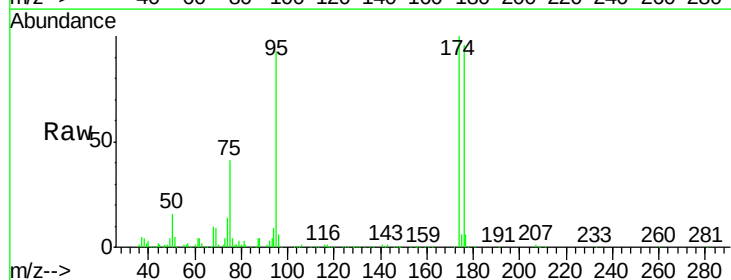
Instrument :
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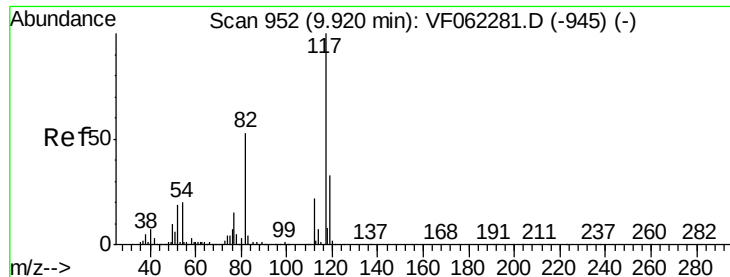
Tot Ion: 43 Resp: 19612
Ion Ratio Lower Upper
43 100
58 42.8 24.9 74.7



#62
4-Bromofluorobenzene
Concen: 41.329 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

Tgt Ion: 95 Resp: 175963
Ion Ratio Lower Upper
95 100
174 96.9 0.0 185.2
176 93.9 0.0 184.8

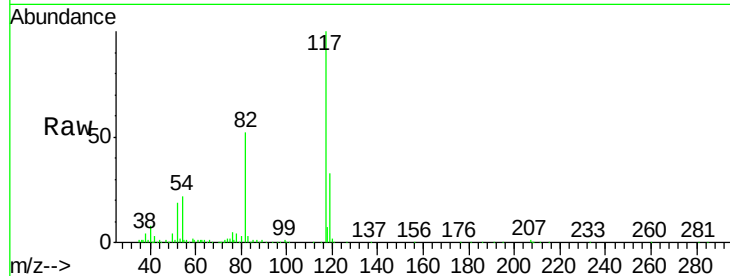




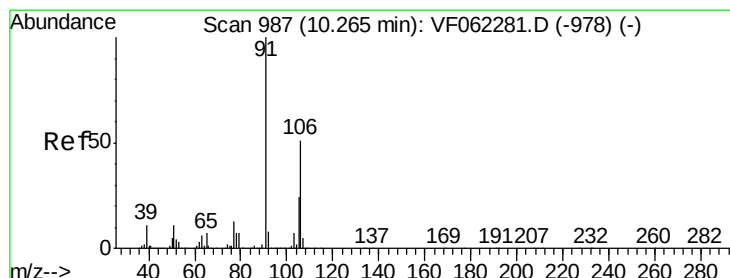
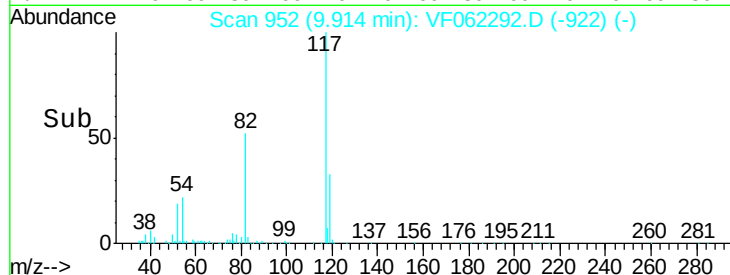
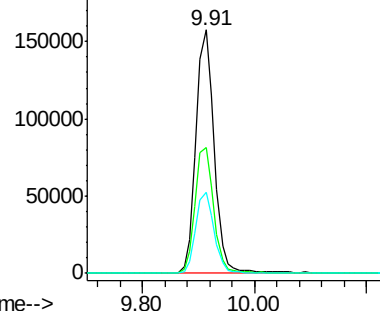
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

Instrument :
MSVOA_F
ClientSampleId :
SU-03-042419-ARE

Tot Ion:117 Resp: 361817
Ion Ratio Lower Upper
117 100
82 51.6 42.6 64.0
119 33.3 26.1 39.1

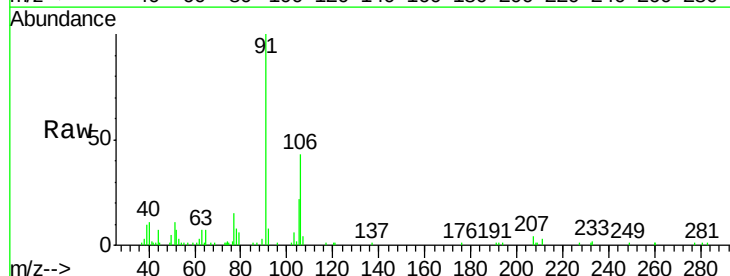


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

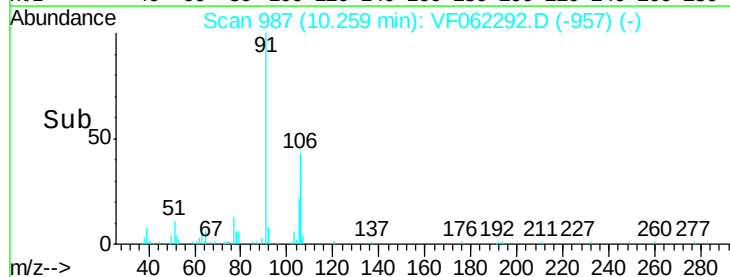
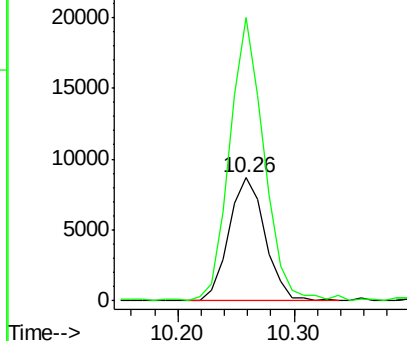


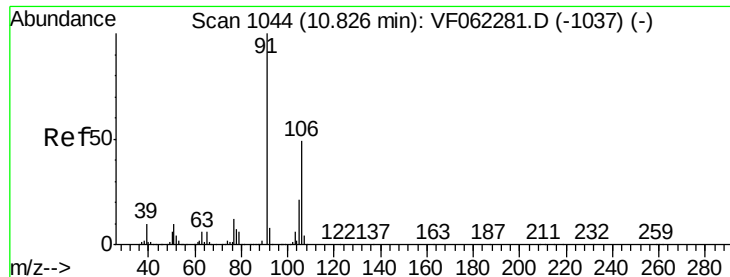
#68
m/p-Xylenes
Concen: 4.376 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

Tgt Ion:106 Resp: 18726
Ion Ratio Lower Upper
106 100
91 218.7 158.3 237.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

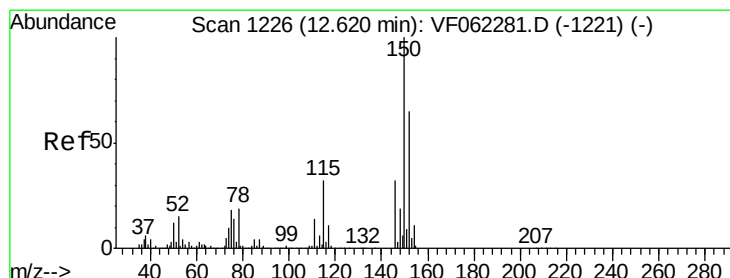
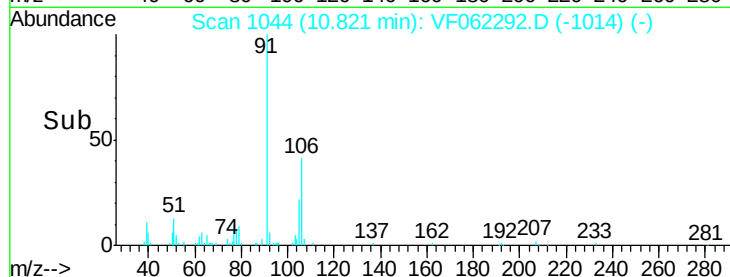
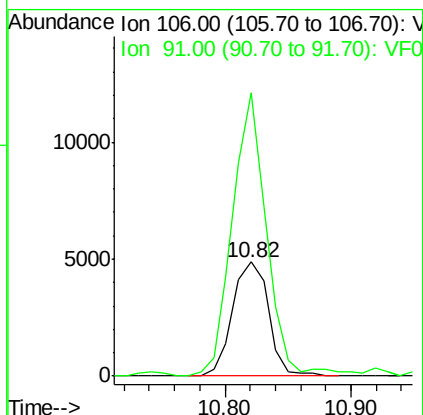
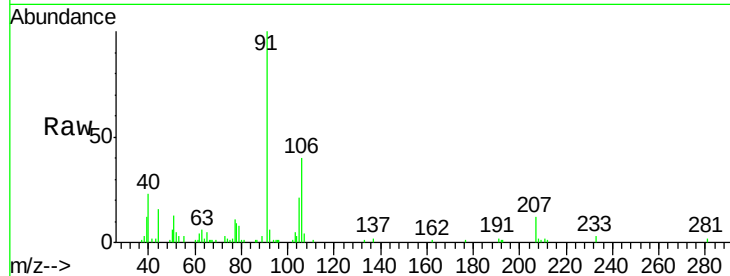




#69
o-Xylene
Concen: 2.013 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

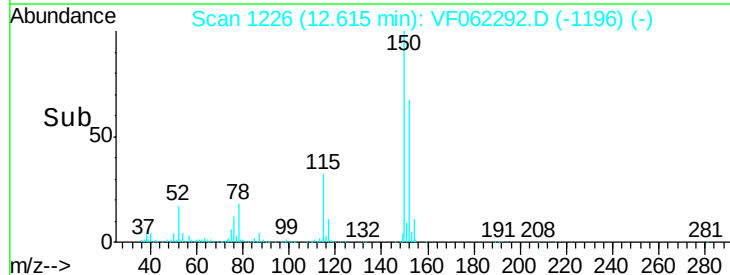
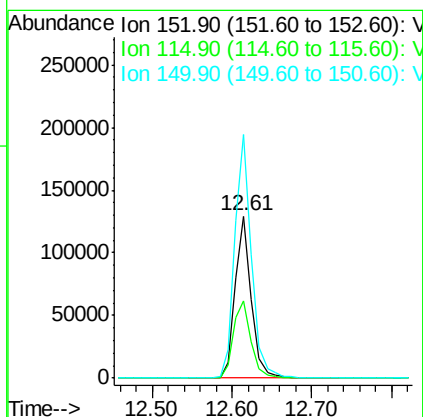
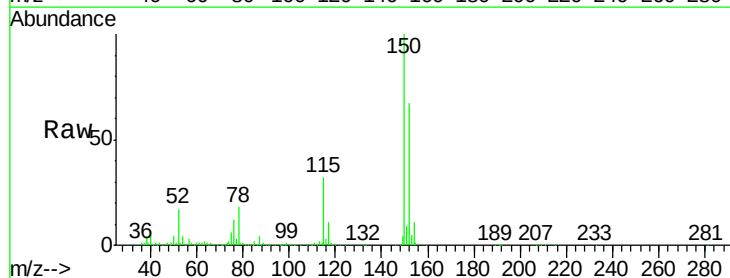
Instrument :
MSVOA_F
ClientSampleId :
SU-03-042419-ARE

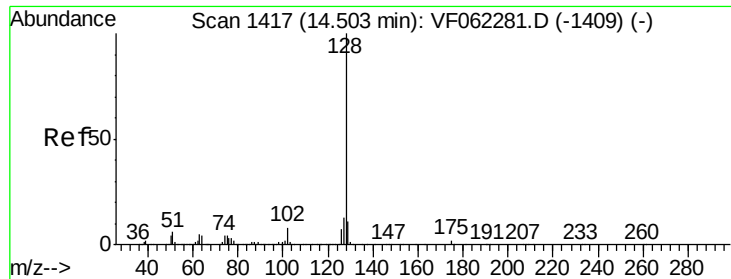
Tot Ion:106 Resp: 9624
Ion Ratio Lower Upper
106 100
91 237.0 110.0 330.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062292.D
Acq: 25 Apr 2019 15:18

Tgt Ion:152 Resp: 184710
Ion Ratio Lower Upper
152 100
115 52.2 25.6 76.8
150 155.1 0.0 330.6





#95

Naphthalene

Concen: 7.153 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062292.D

Acq: 25 Apr 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

SU-03-042419-ARE

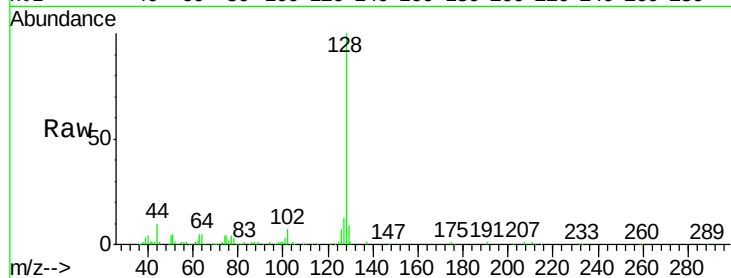
Tot Ion:128 Resp: 52306

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.9 13.3



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

