

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062749.D
 Acq On : 24 May 2019 16:23
 Operator : FY/SY
 Sample : K3055-02
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-1

Quant Time: May 24 23:05:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

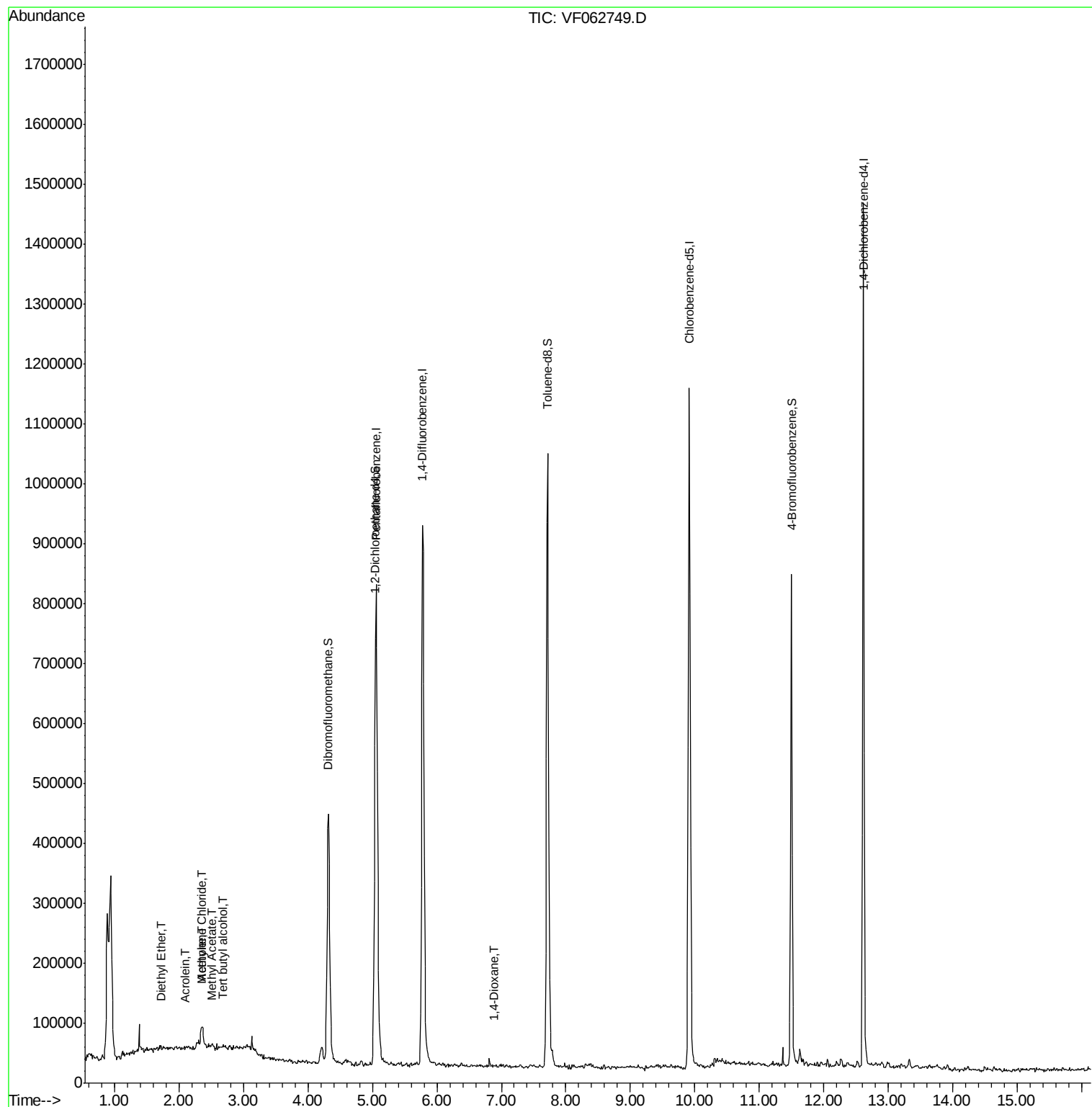
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	717908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1178499	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	888782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	399526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	218860	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	
35) Dibromofluoromethane	4.32	113	411838	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	7.72	98	909988	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
62) 4-Bromofluorobenzene	11.49	95	313399	38.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.76%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	1.72	74	2432	1.104	ug/l	89
11) Tert butyl alcohol	2.68	59	2499	7.461	ug/l #	23
13) Acrolein	2.10	56	898	2.569	ug/l	99
16) Acetone	2.36	43	59954	45.553	ug/l	90
18) Methyl Acetate	2.49	43	5403	2.612	ug/l #	70
20) Methylene Chloride	2.34	84	9251	1.402	ug/l #	76
49) 1,4-Dioxane	6.89	88	807	18.871	ug/l #	48
59) 2-Hexanone	9.64	43	2969	Below Cal		100
74) N-amyl acetate	11.44	43	1544	Below Cal	#	69

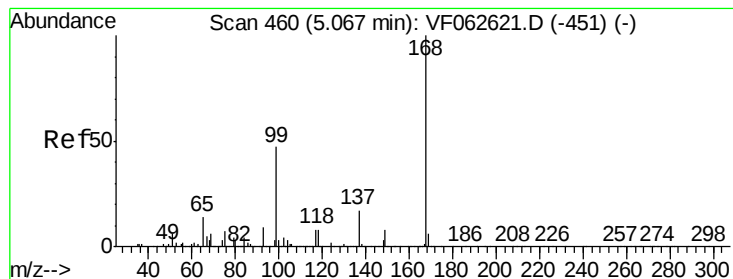
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052419\
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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062749.D

Acq: 24 May 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

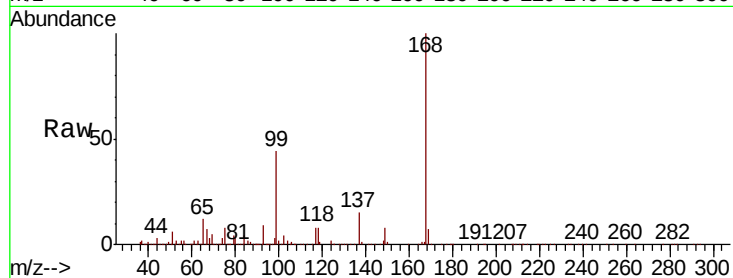
VOC-1

Tot Ion:168 Resp: 717908

Ion Ratio Lower Upper

168 100

99 44.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

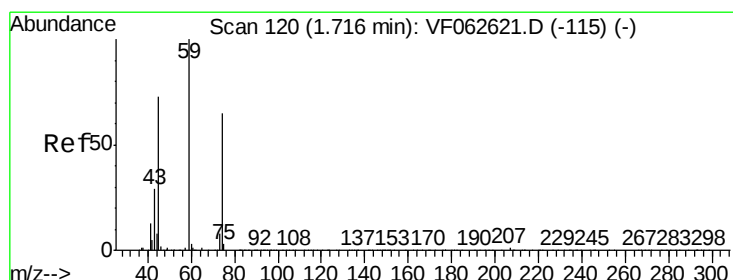
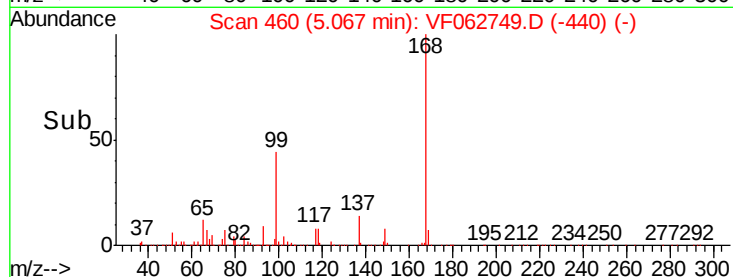
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.104 ug/l

RT: 1.72 min Scan# 120

Delta R.T. 0.00 min

Lab File: VF062749.D

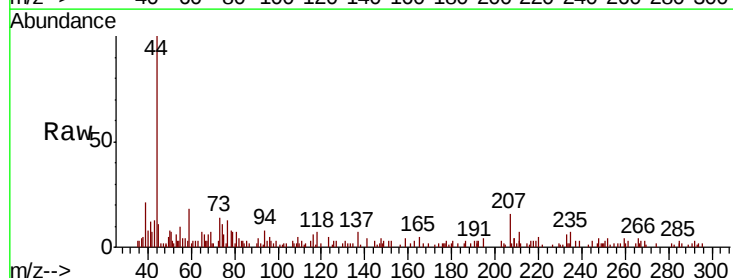
Acq: 24 May 2019 16:23

Tgt Ion: 74 Resp: 2432

Ion Ratio Lower Upper

74 100

45 101.9 57.0 170.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

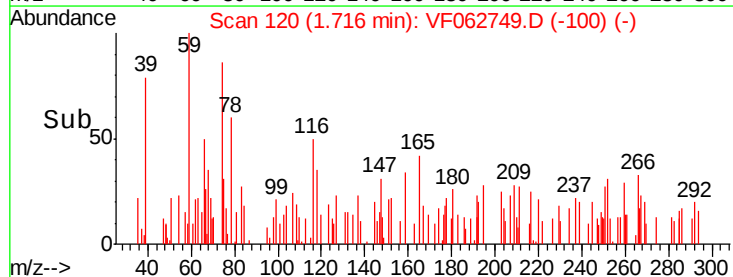
1500

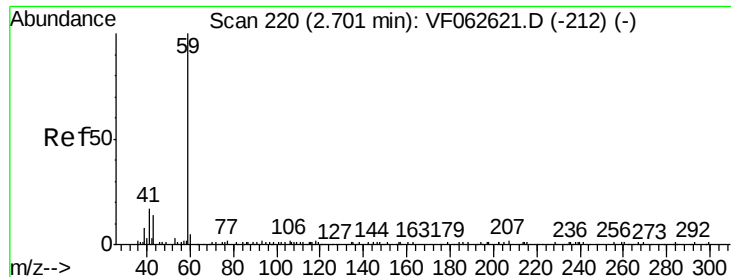
1000

500

0

Time-->



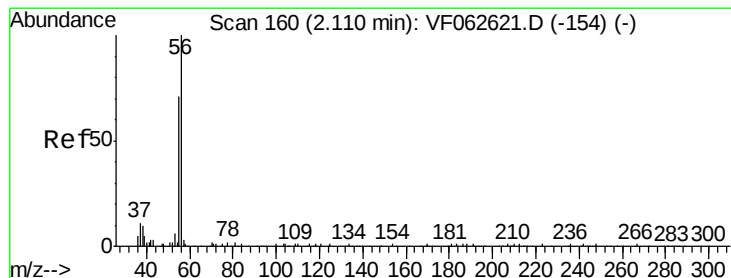
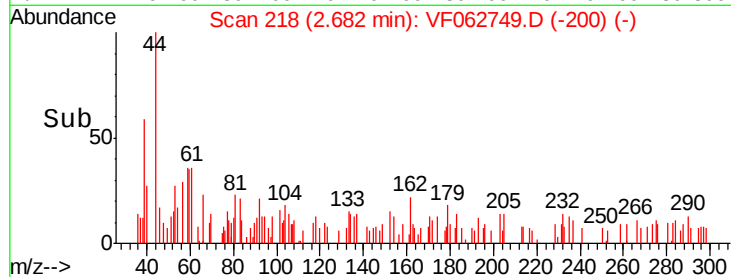
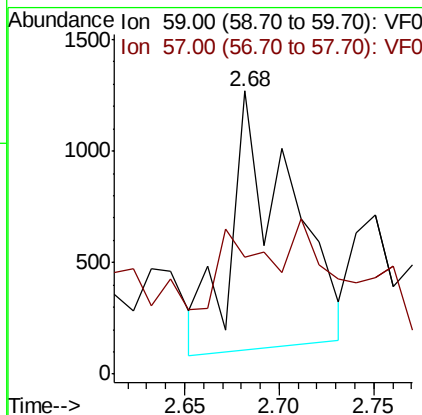
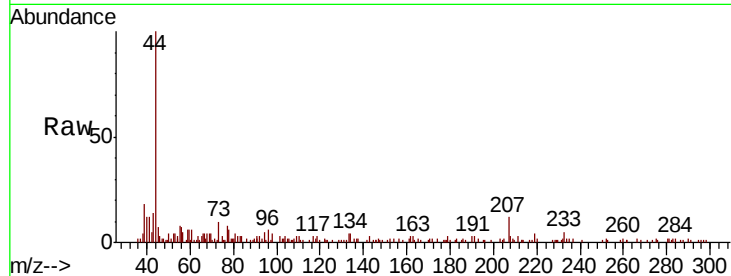


#11

Tert butyl alcohol
 Concen: 7.461 ug/l
 RT: 2.68 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VF062749.D
 Acq: 24 May 2019 16:23

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-1

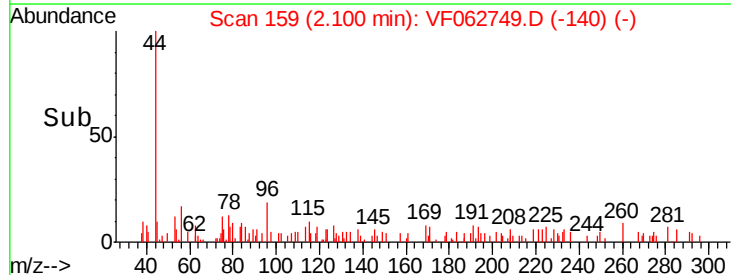
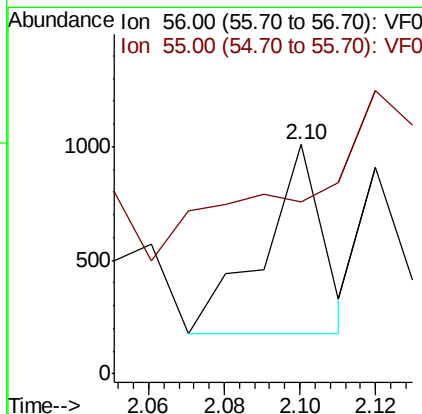
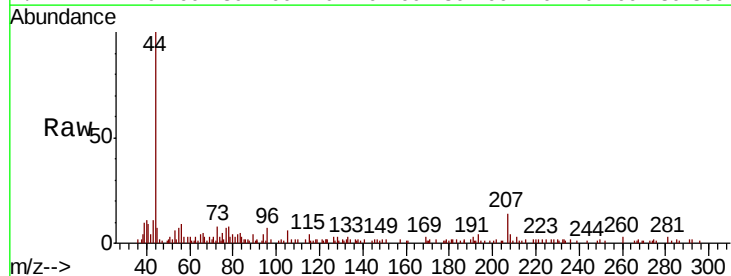
Tot Ion: 59 Resp: 2499
 Ion Ratio Lower Upper
 59 100
 57 41.4 9.3 13.9#

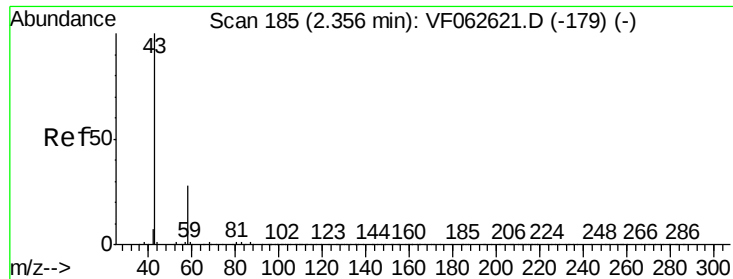


#13

Acrolein
 Concen: 2.569 ug/l
 RT: 2.10 min Scan# 159
 Delta R.T. -0.01 min
 Lab File: VF062749.D
 Acq: 24 May 2019 16:23

Tgt Ion: 56 Resp: 898
 Ion Ratio Lower Upper
 56 100
 55 75.1 59.4 89.0





#16

Acetone

Concen: 45.553 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062749.D

Acq: 24 May 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

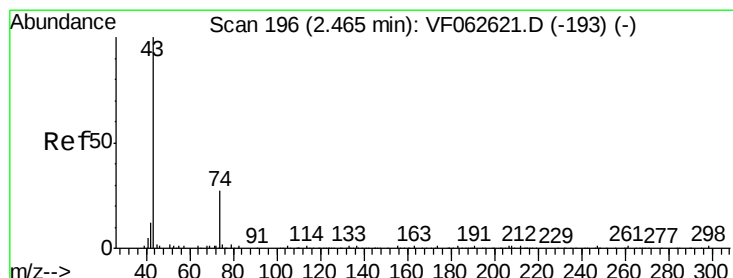
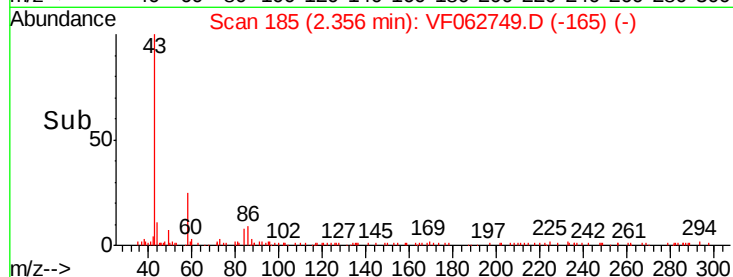
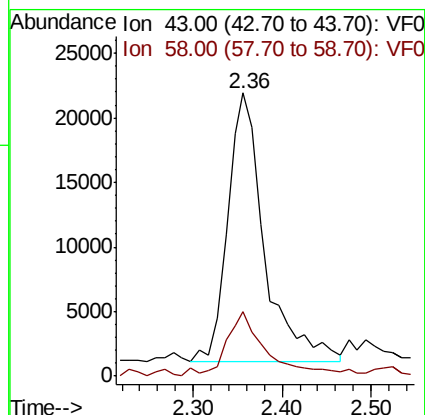
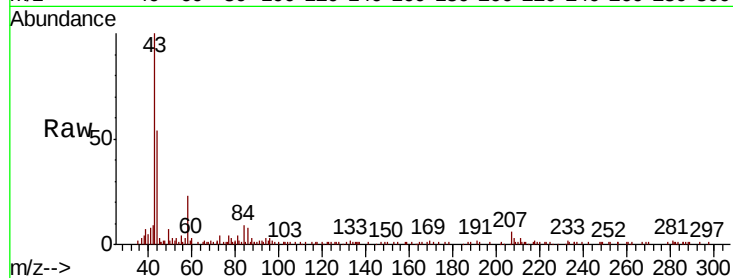
VOC-1

Tot Ion: 43 Resp: 59954

Ion Ratio Lower Upper

43 100

58 22.7 22.6 33.8



#18

Methyl Acetate

Concen: 2.612 ug/l

RT: 2.49 min Scan# 199

Delta R.T. 0.03 min

Lab File: VF062749.D

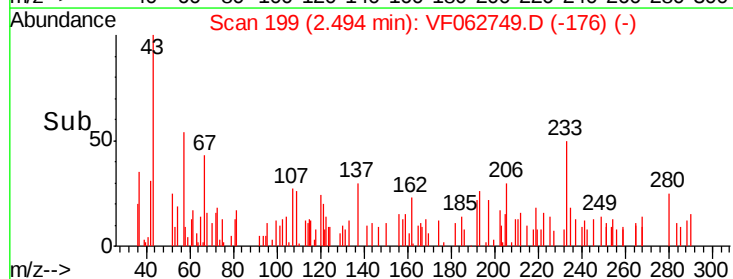
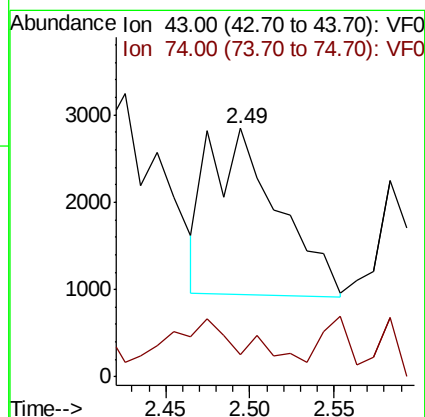
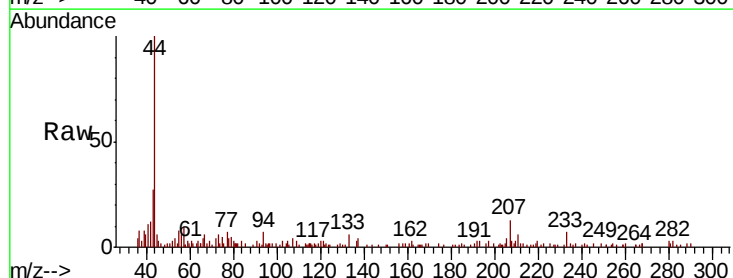
Acq: 24 May 2019 16:23

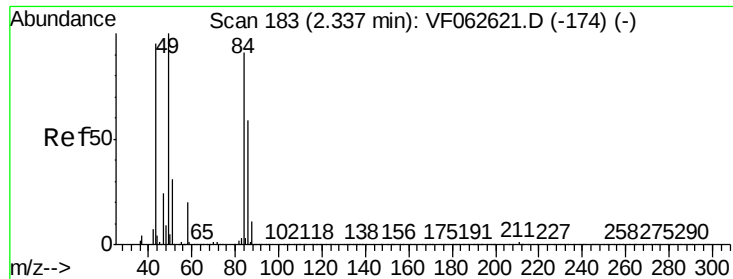
Tgt Ion: 43 Resp: 5403

Ion Ratio Lower Upper

43 100

74 8.9 18.9 28.3#

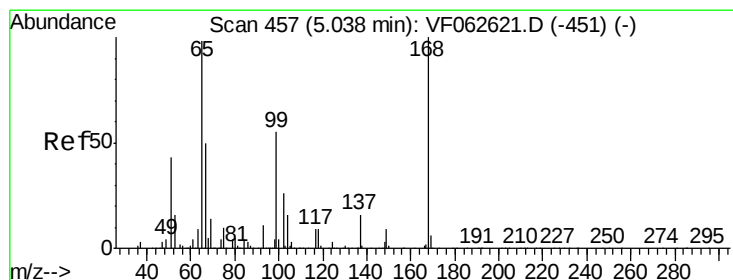
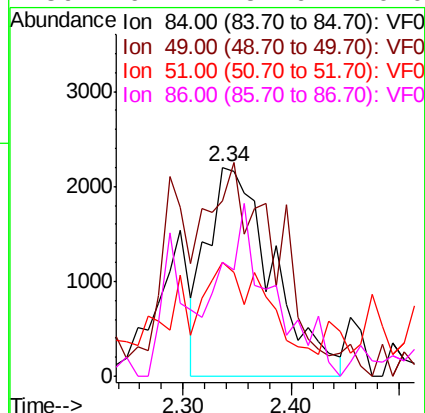
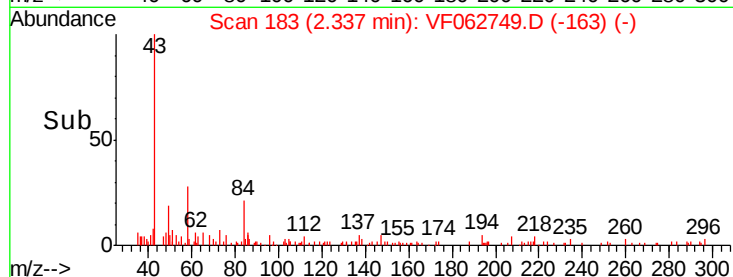
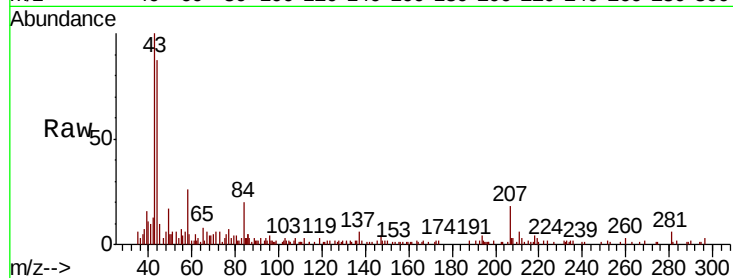




#20
Methvlene Chloride
Concen: 1.402 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

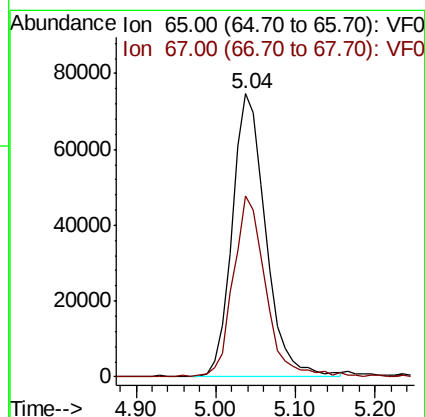
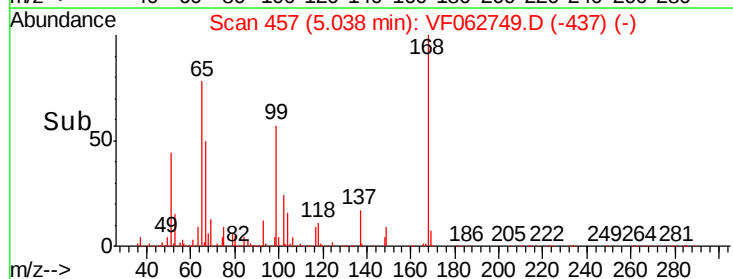
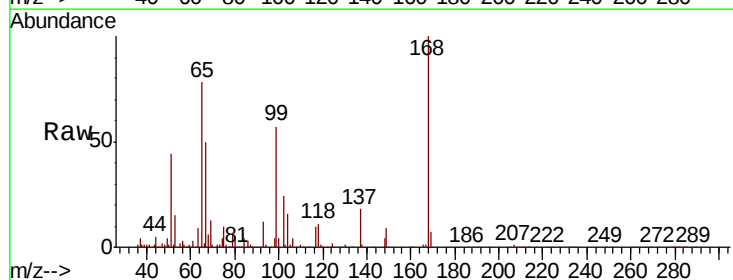
Instrument :
MSVOA_F
ClientSampleId :
VOC-1

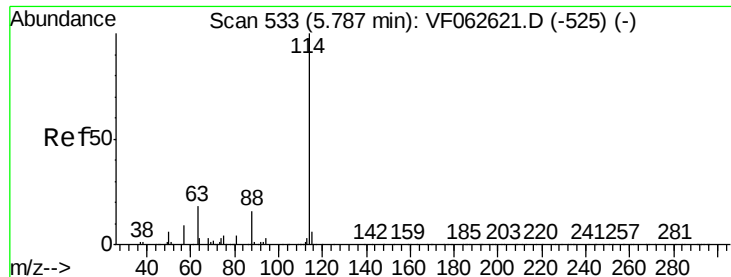
Tot Ion:	84	Resp:	9251
Ion	Ratio	Lower	Upper
84	100		
49	73.5	89.8	134.8#
51	47.8	28.4	42.6#
86	62.2	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 43.141 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.00 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

Tgt Ion:	65	Resp:	218860
Ion	Ratio	Lower	Upper
65	100		
67	64.1	0.0	117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062749.D

Acq: 24 May 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

VOC-1

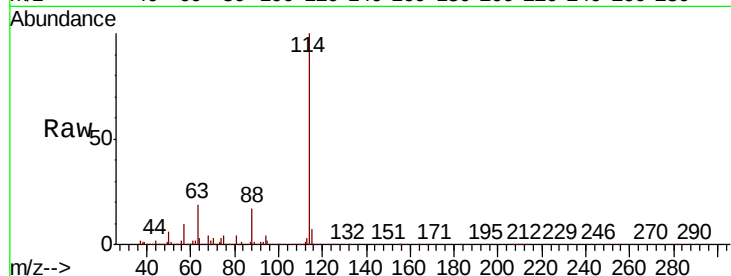
Tot Ion:114 Resp: 1178499

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.4

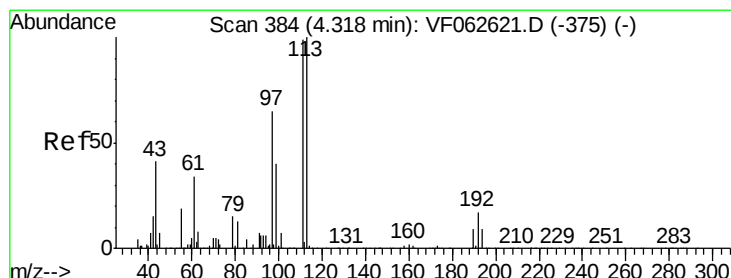
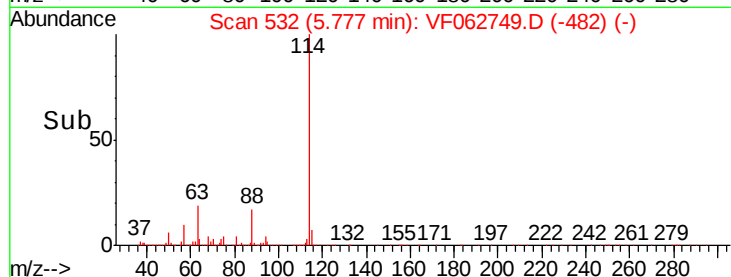
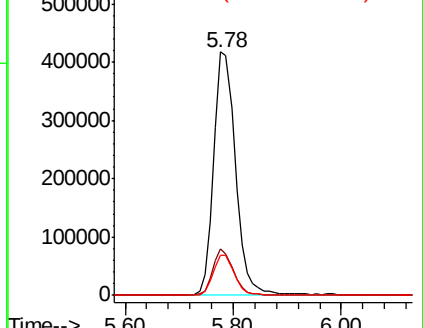
88 16.7 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 45.669 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062749.D

Acq: 24 May 2019 16:23

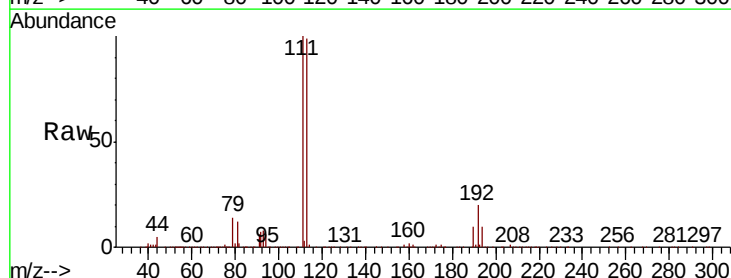
Tgt Ion:113 Resp: 411838

Ion Ratio Lower Upper

113 100

111 100.8 79.4 119.2

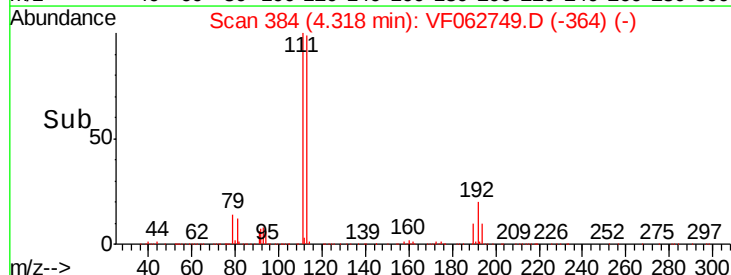
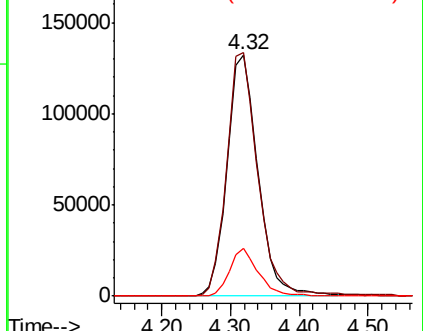
192 20.0 13.4 20.2

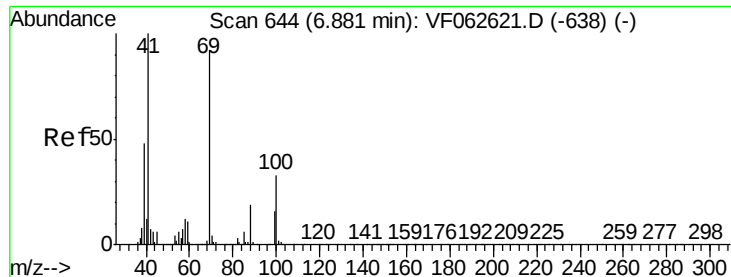


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

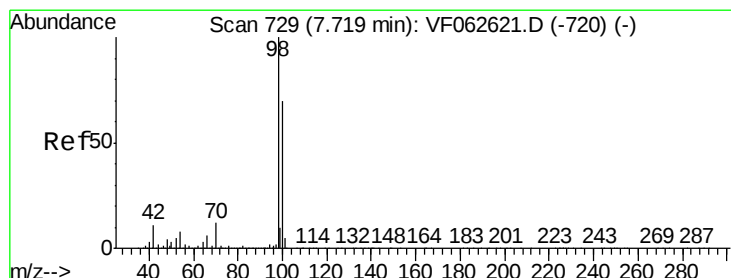
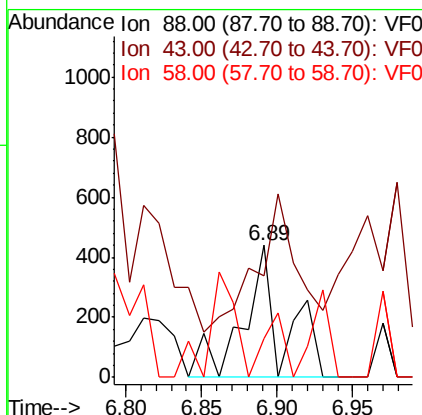
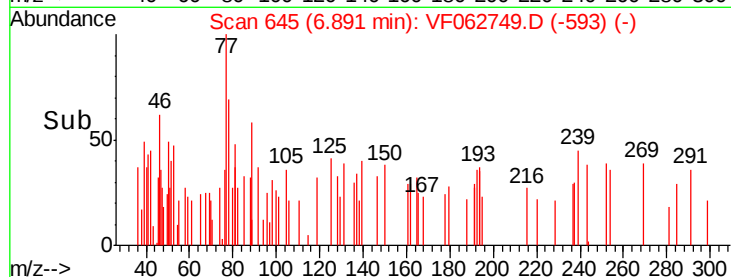
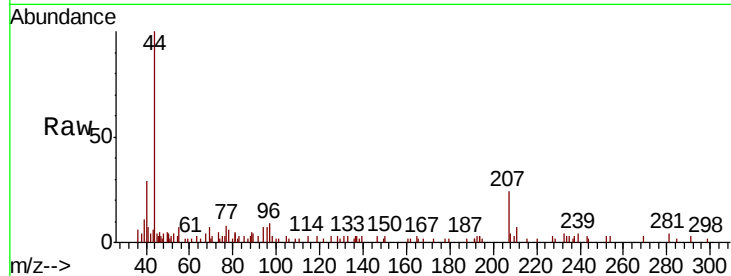




#49
1,4-Dioxane
Concen: 18.871 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

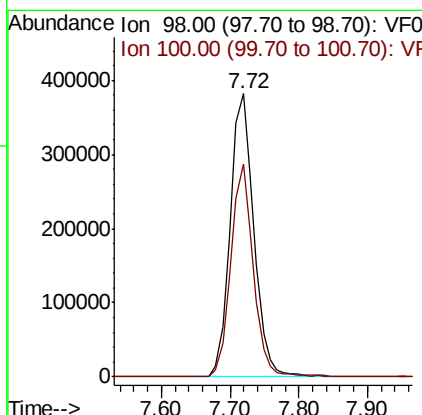
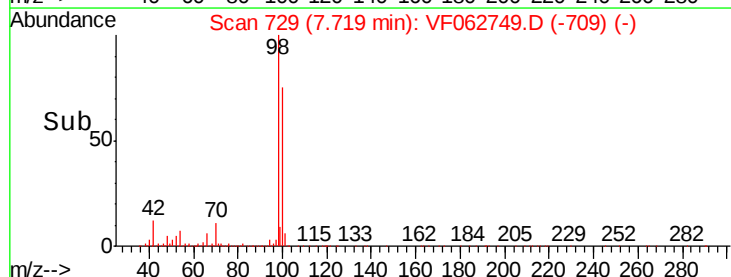
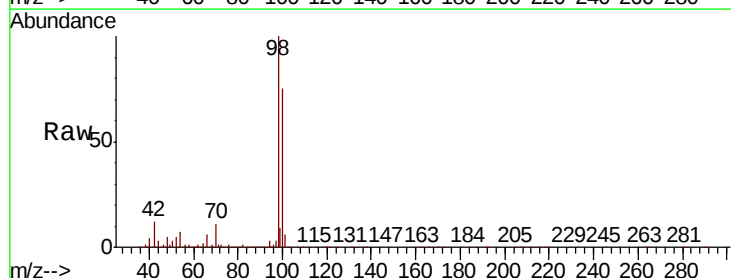
Instrument :
MSVOA_F
ClientSampleId :
VOC-1

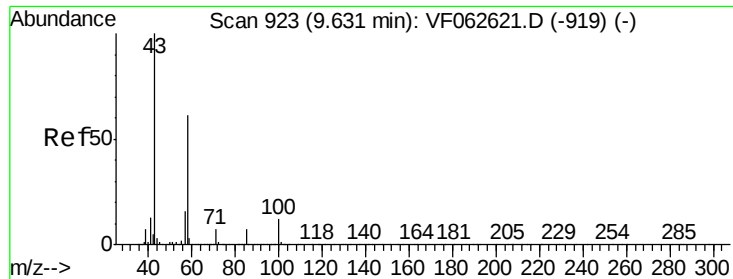
Tot Ion: 88 Resp: 807
Ion Ratio Lower Upper
88 100
43 77.4 30.0 45.0#
58 29.6 51.1 76.7#



#50
Toluene-d8
Concen: 42.263 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

Tgt Ion: 98 Resp: 909988
Ion Ratio Lower Upper
98 100
100 75.4 56.2 84.2

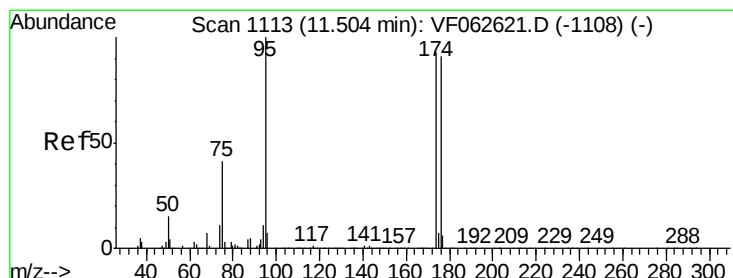
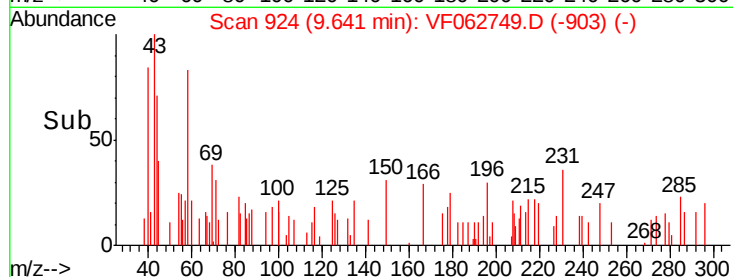
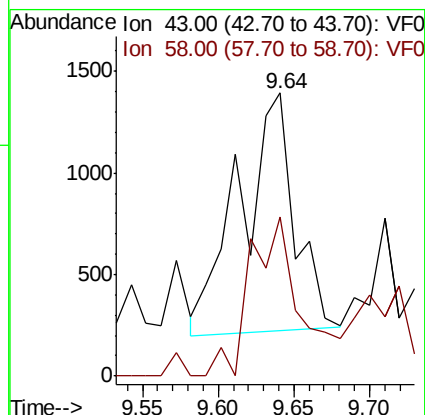
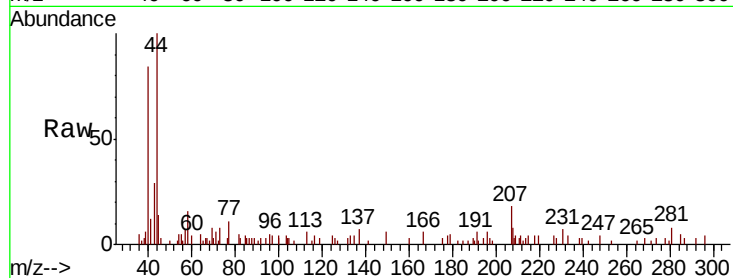




#59
2-Hexanone
Concen: Below Cal
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

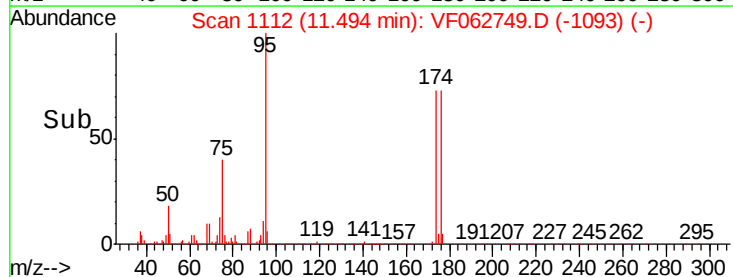
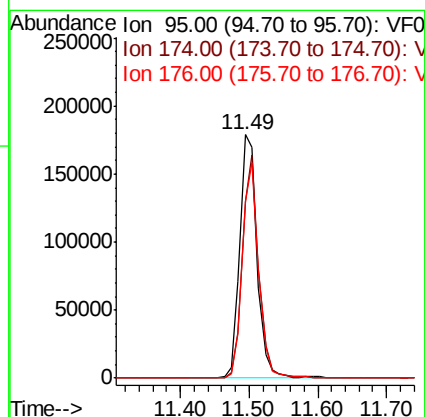
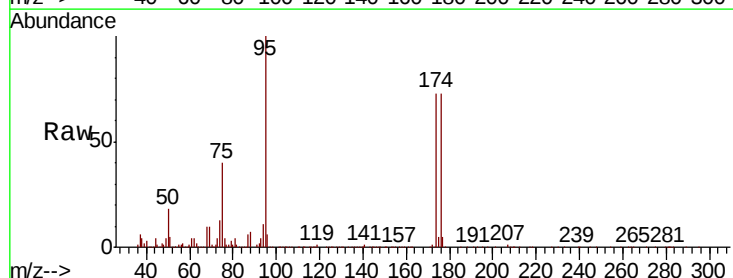
Instrument :
MSVOA_F
ClientSampled :
VOC-1

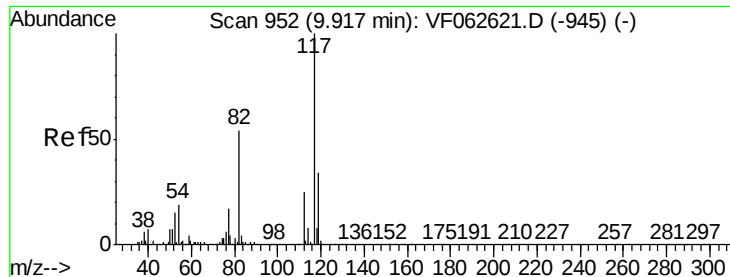
Tot Ion: 43 Resp: 2969
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 38.378 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

Tgt Ion: 95 Resp: 313399
Ion Ratio Lower Upper
95 100
174 72.7 0.0 185.6
176 72.9 0.0 182.4

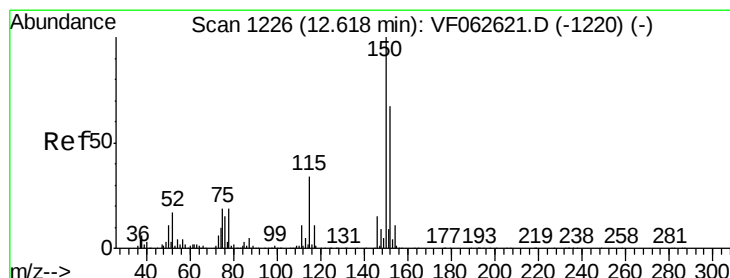
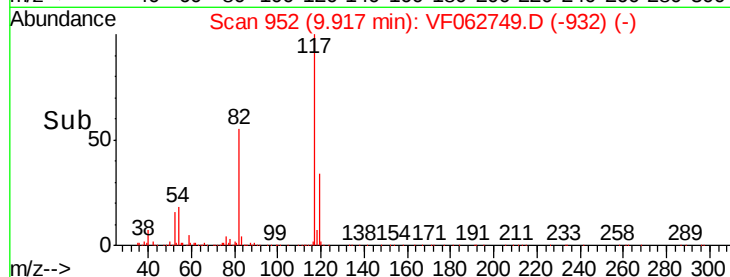
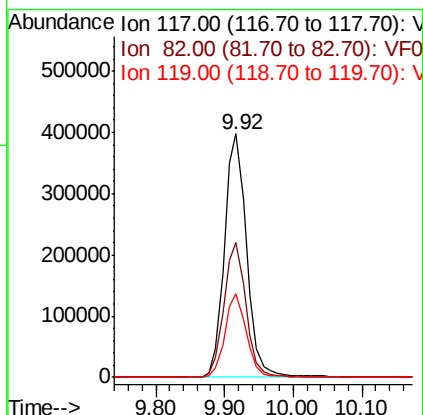
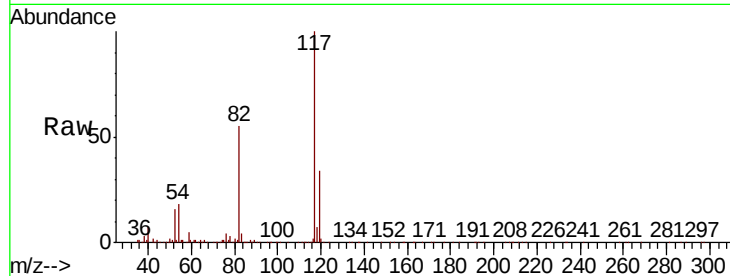




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

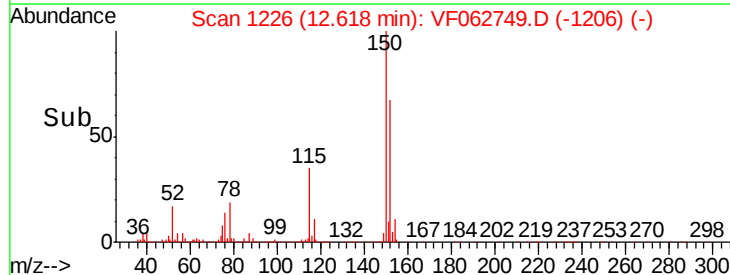
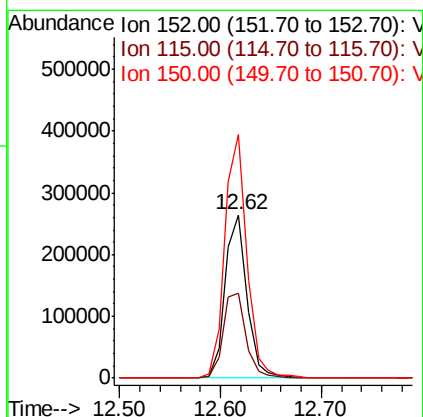
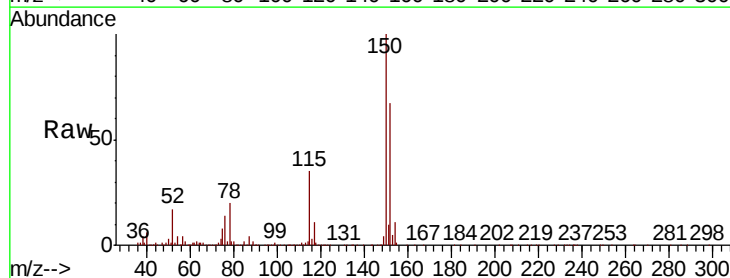
Instrument :
MSVOA_F
ClientSampled :
VOC-1

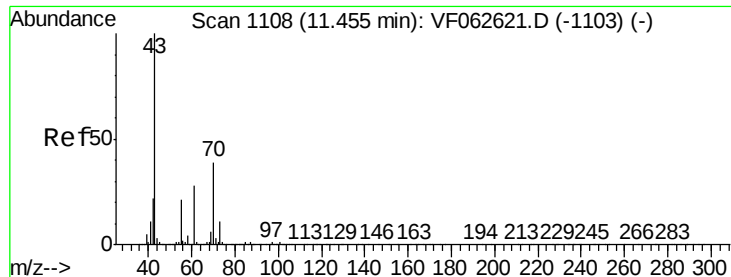
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	34.2	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062749.D
Acq: 24 May 2019 16:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	25.2	75.6
150	148.9	0.0	306.2





#74

N-amvl acetate

Concen: Below Cal

RT: 11.44 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VF062749.D

Acq: 24 May 2019 16:23

Instrument :

MSVOA_F

ClientSampleId :

VOC-1

Tot Ion: 43 Resp: 1544

Ion Ratio Lower Upper

43 100

70 56.1 30.9 46.3#

55 47.9 17.0 25.4#

61 20.1 22.6 34.0#

