

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062787.D
 Acq On : 29 May 2019 17:42
 Operator : FY/SY
 Sample : K3084-01RE
 Misc : 5.36g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-6RE

Quant Time: May 30 08:42:03 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	5.08	168	800530	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	1355472	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	1021758	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	459838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	221507	39.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.32%	
35) Dibromofluoromethane	4.33	113	413339	39.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.70%	
50) Toluene-d8	7.73	98	911973	36.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.66%	
62) 4-Bromofluorobenzene	11.51	95	328477	34.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.94%	

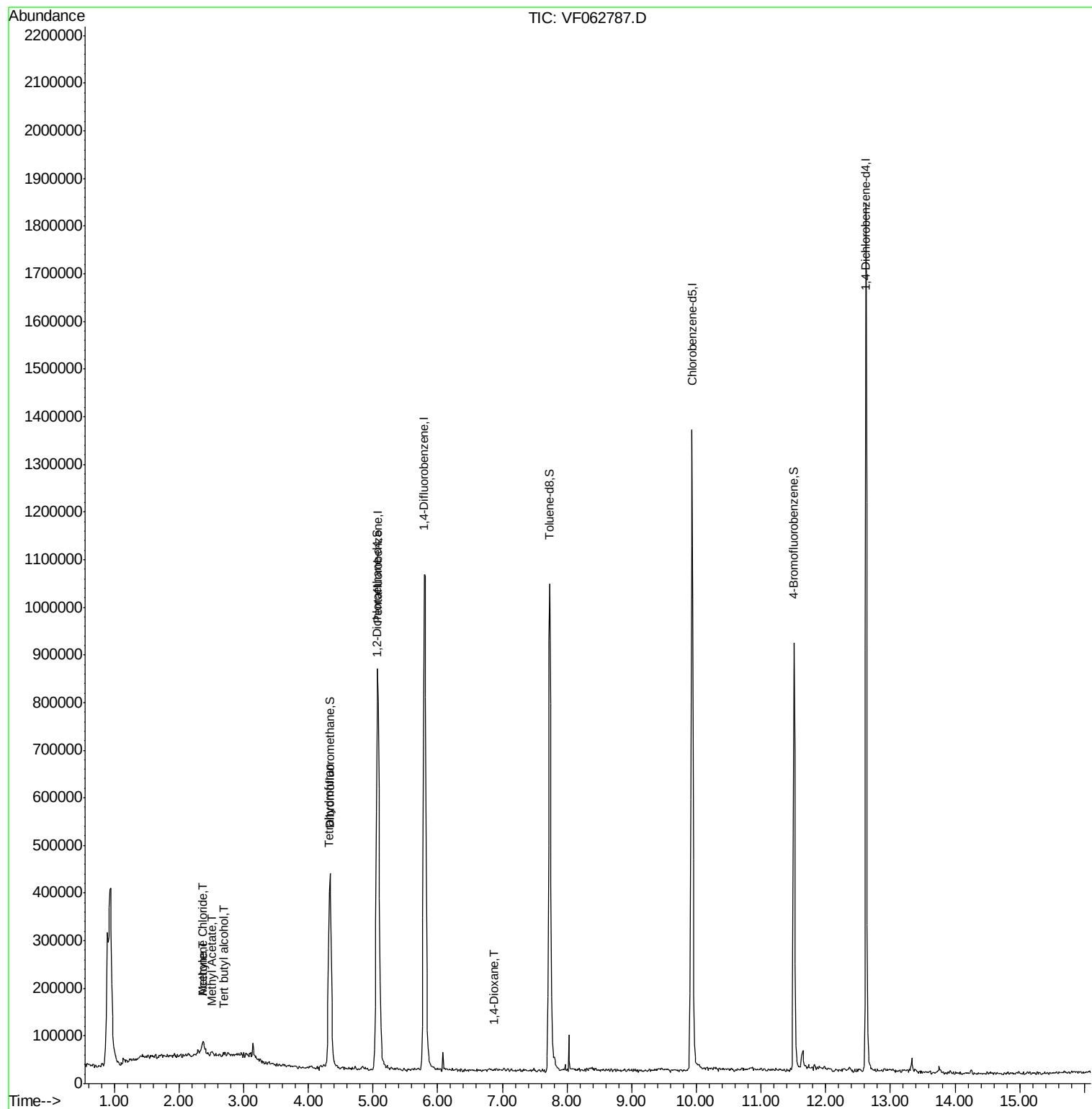
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.69	59	622	1.665	ug/l #	1
16) Acetone	2.36	43	13793	9.398	ug/l	98
18) Methyl Acetate	2.50	43	4200	1.821	ug/l #	90
20) Methylene Chloride	2.37	84	20741	2.820	ug/l #	88
29) Tetrahydrofuran	4.31	42	4185	3.298	ug/l #	55
49) 1,4-Dioxane	6.88	88	195	3.965	ug/l #	1
59) 2-Hexanone	9.66	43	4955	Below Cal		86
74) N-amyl acetate	11.47	43	2077	Below Cal	#	67

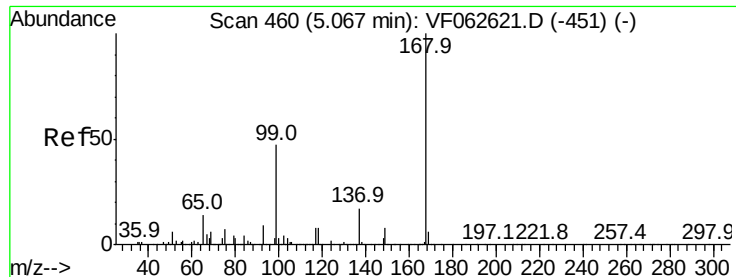
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.08 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062787.D

Acq: 29 May 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

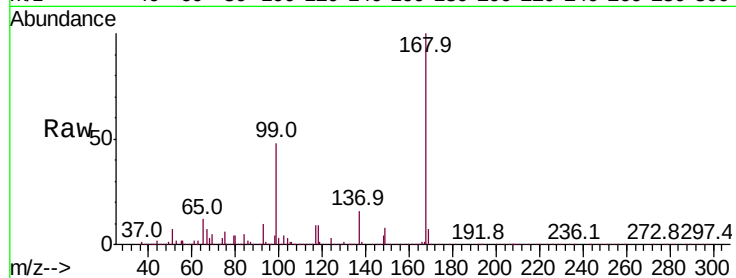
TEST-PIT-6RE

Tot Ion:168 Resp: 800530

Ion Ratio Lower Upper

168 100

99 47.8 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

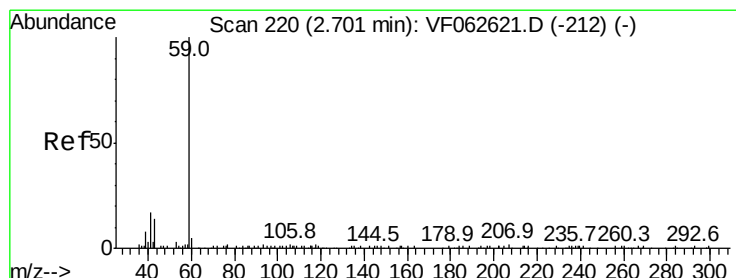
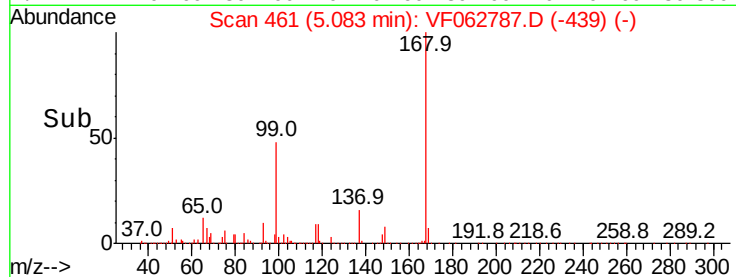
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.665 ug/l

RT: 2.69 min Scan# 218

Delta R.T. -0.01 min

Lab File: VF062787.D

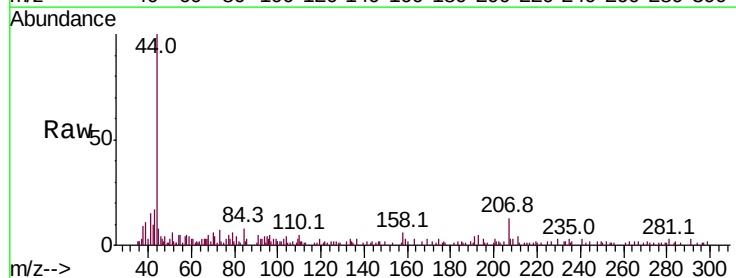
Acq: 29 May 2019 17:42

Tgt Ion: 59 Resp: 622

Ion Ratio Lower Upper

59 100

57 90.9 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.69

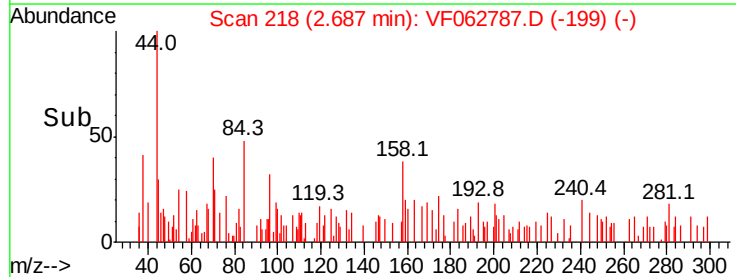
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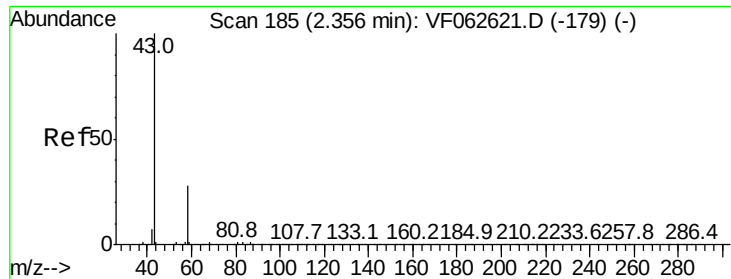
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200

0

Time-->

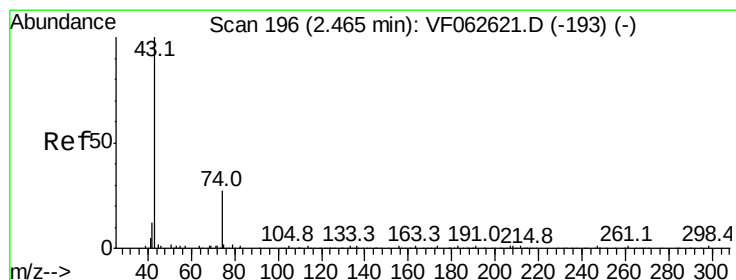
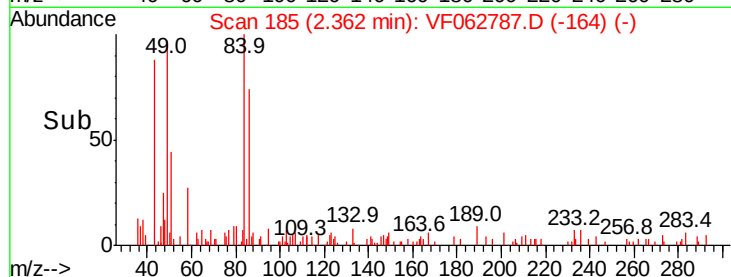
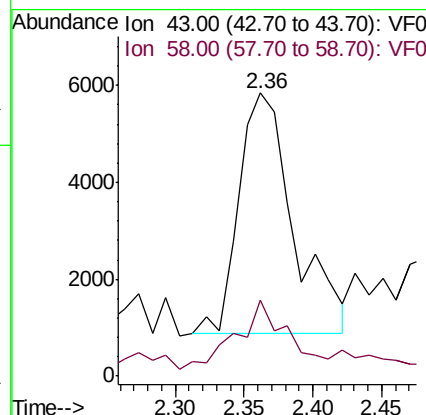
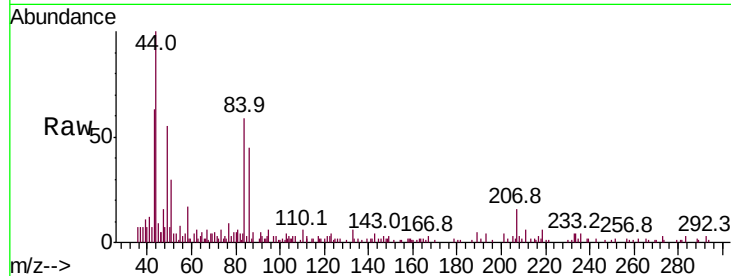




#16
Acetone
Concen: 9.398 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

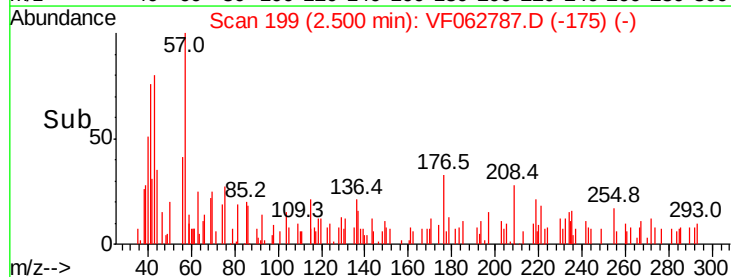
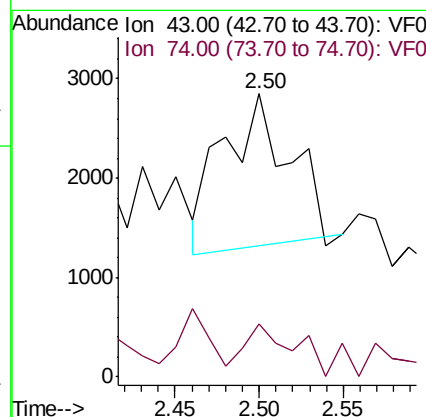
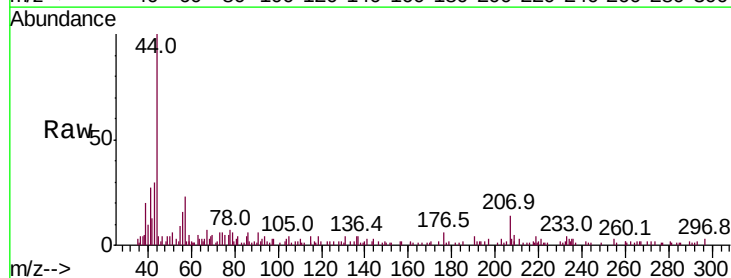
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

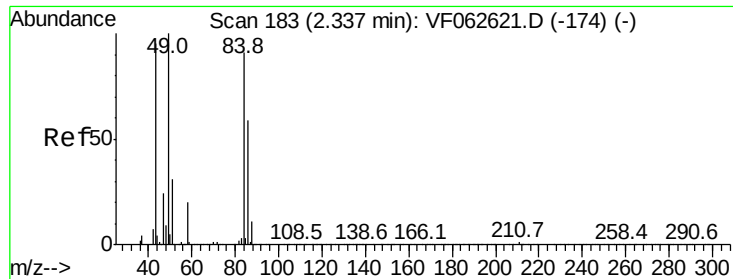
Tot Ion: 43 Resp: 13793
Ion Ratio Lower Upper
43 100
58 27.0 22.6 33.8



#18
Methyl Acetate
Concen: 1.821 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion: 43 Resp: 4200
Ion Ratio Lower Upper
43 100
74 18.8 18.9 28.3#

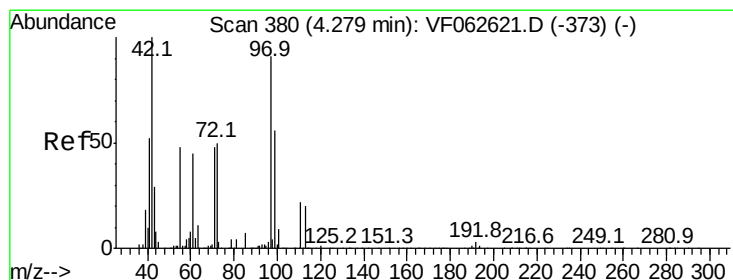
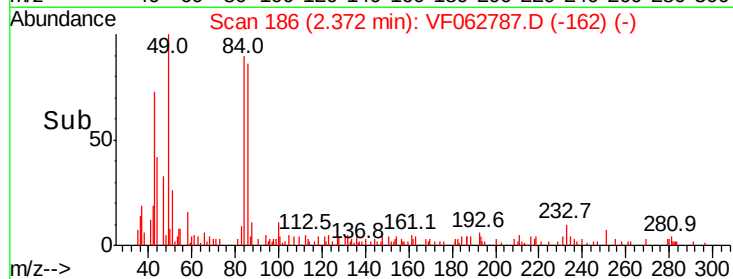
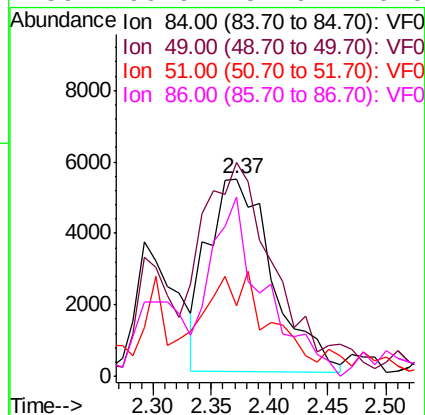
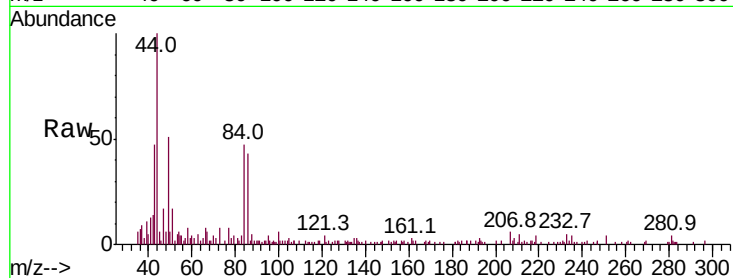




#20
Methvlene Chloride
Concen: 2.820 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.04 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

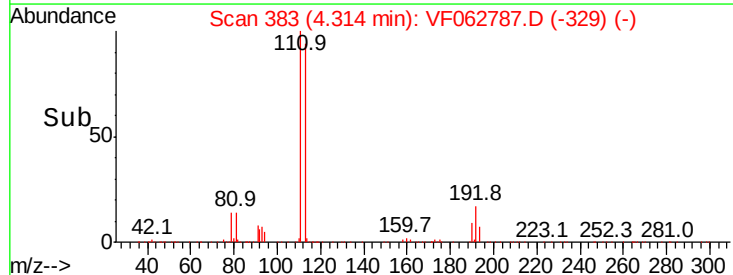
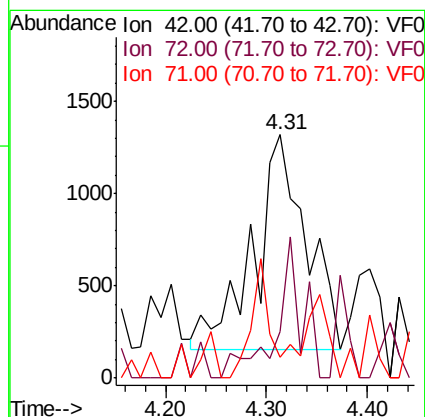
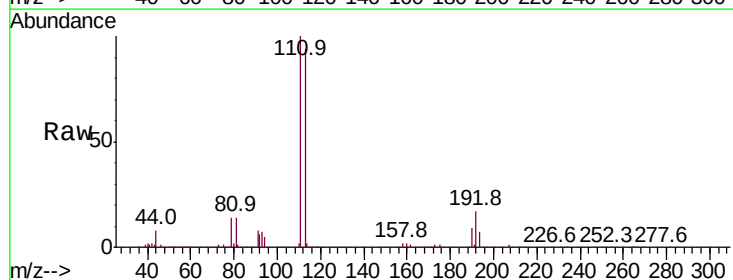
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

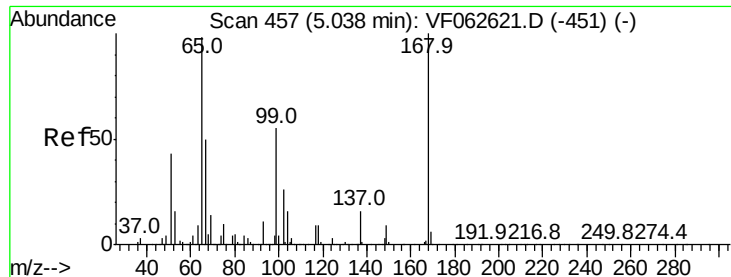
Tot Ion: 84 Resp: 20741
Ion Ratio Lower Upper
84 100
49 108.1 89.8 134.8
51 35.9 28.4 42.6
86 90.9 52.6 79.0#



#29
Tetrahydrofuran
Concen: 3.298 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.04 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion: 42 Resp: 4185
Ion Ratio Lower Upper
42 100
72 32.4 38.2 57.2#
71 0.0 35.8 53.6#

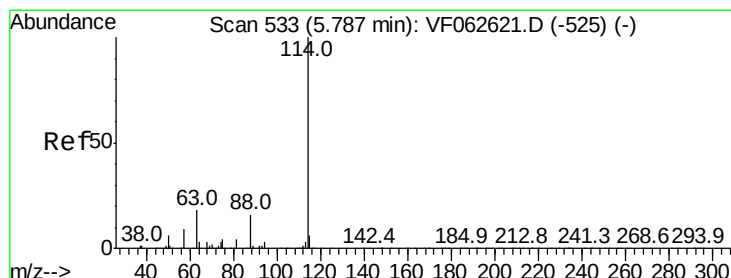
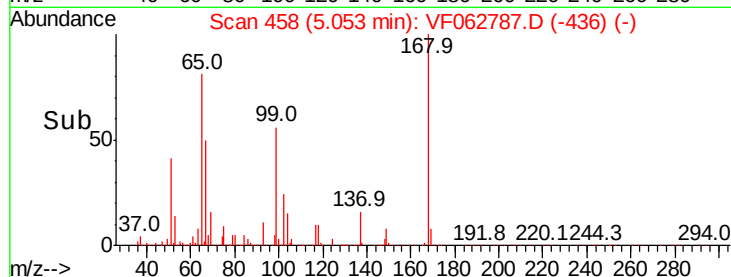
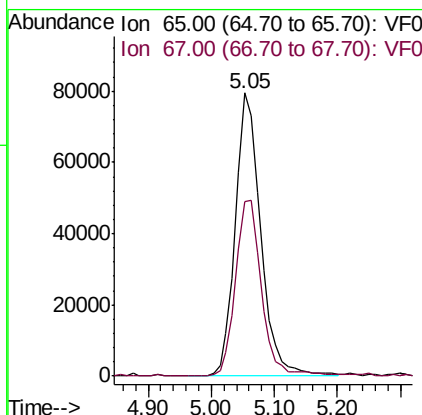
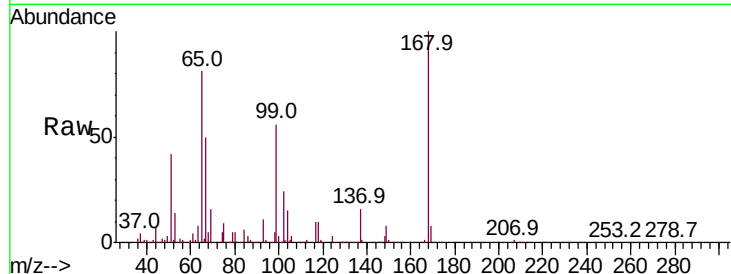




#33
 1,2-Dichloroethane-d4
 Concen: 39.157 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.02 min
 Lab File: VF062787.D
 Acq: 29 May 2019 17:42

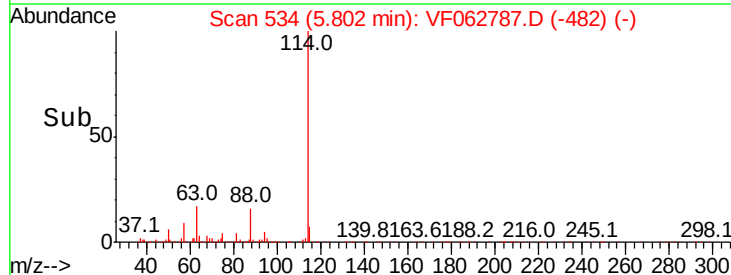
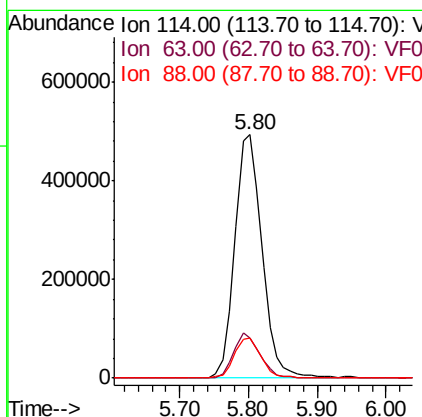
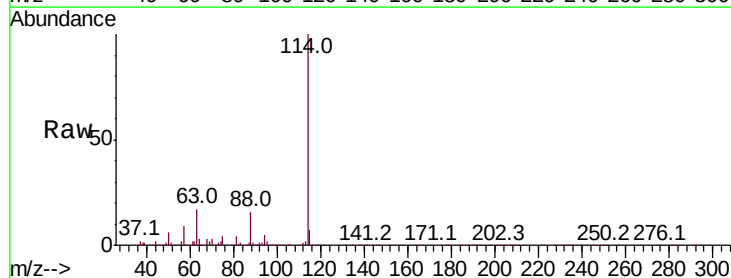
Instrument :
 MSVOA_F
 ClientSampleId :
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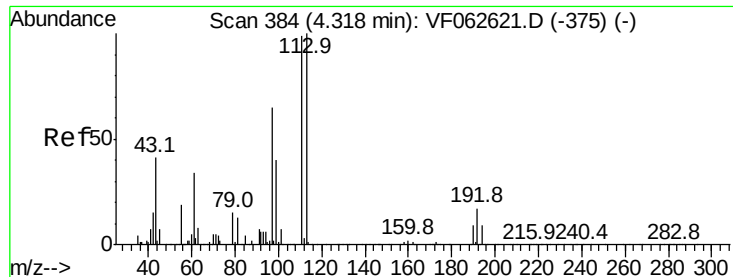
Tot Ion: 65 Resp: 221507
 Ion Ratio Lower Upper
 65 100
 67 61.9 0.0 117.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062787.D
 Acq: 29 May 2019 17:42

Tgt Ion: 114 Resp: 1355472
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 35.4
 88 16.3 0.0 32.4

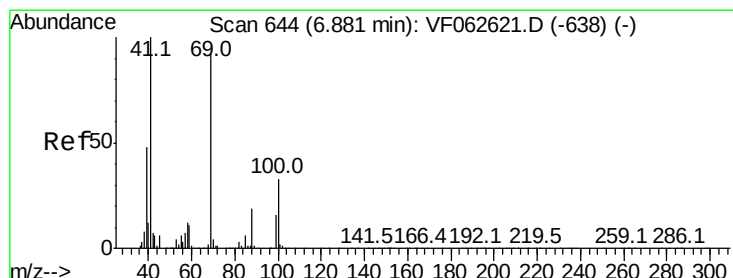
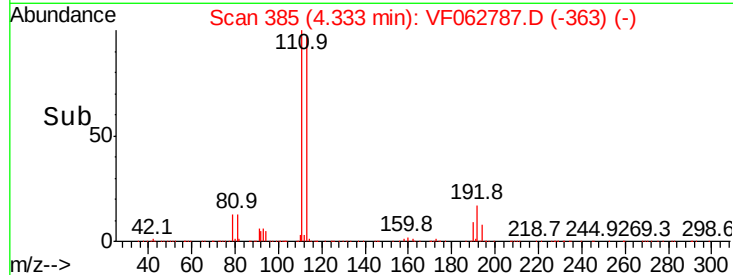
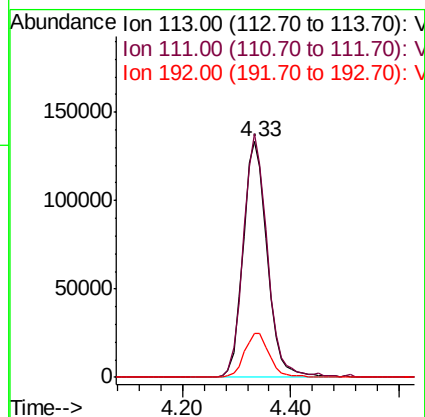
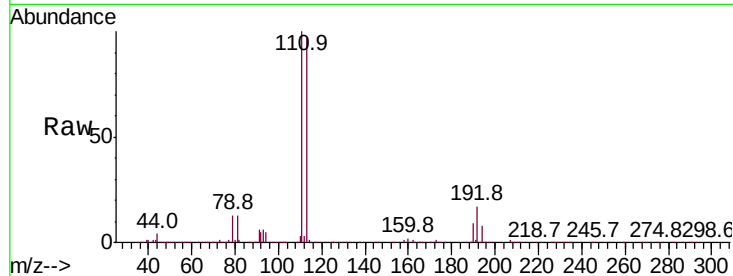




#35
 Dibromofluoromethane
 Concen: 39.851 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: VF062787.D
 Acq: 29 May 2019 17:42

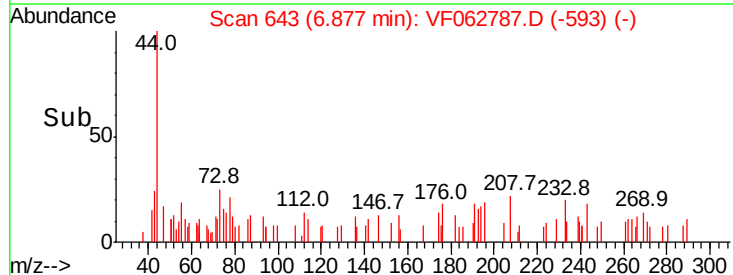
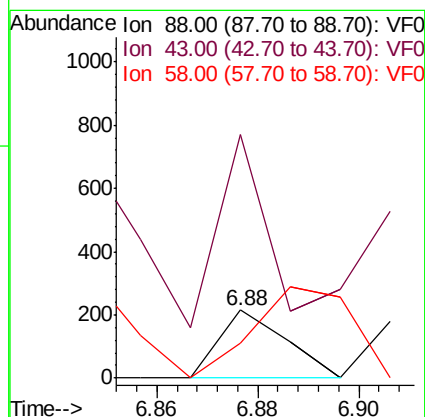
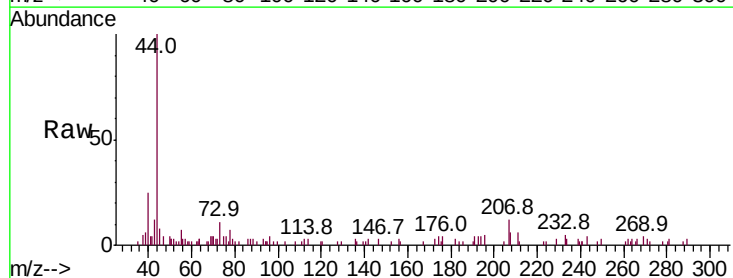
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-6RE

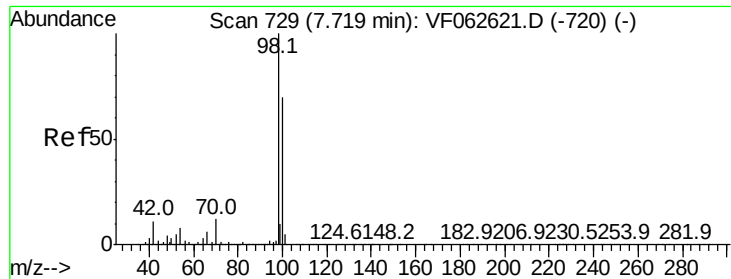
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.4	119.2
192	18.5	13.4	20.2



#49
 1,4-Dioxane
 Concen: 3.965 ug/l
 RT: 6.88 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: VF062787.D
 Acq: 29 May 2019 17:42

Tgt Ion	Ratio	Lower	Upper
88	100		
43	358.1	30.0	45.0#
58	50.7	51.1	76.7#

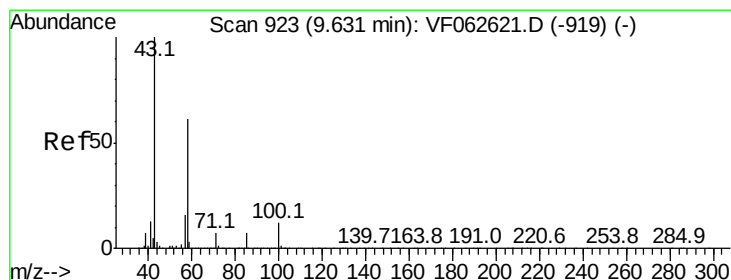
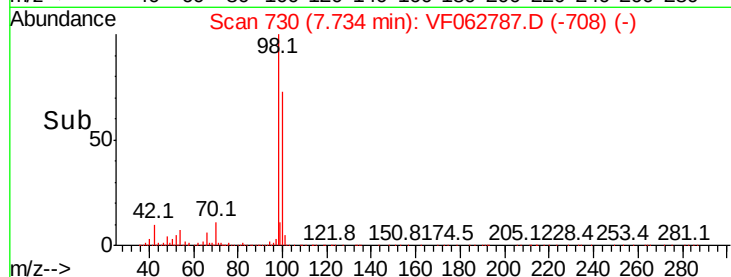
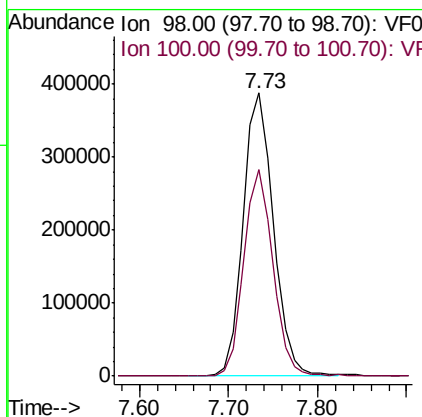
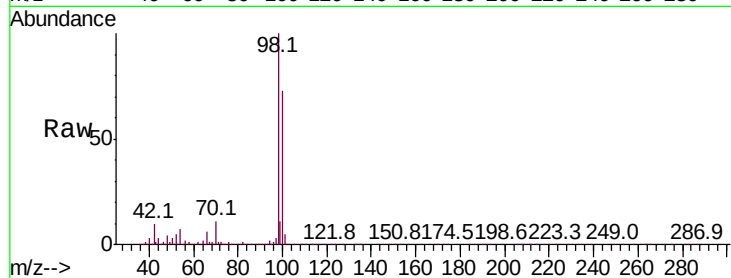




#50
Toluene-d8
Concen: 36.826 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

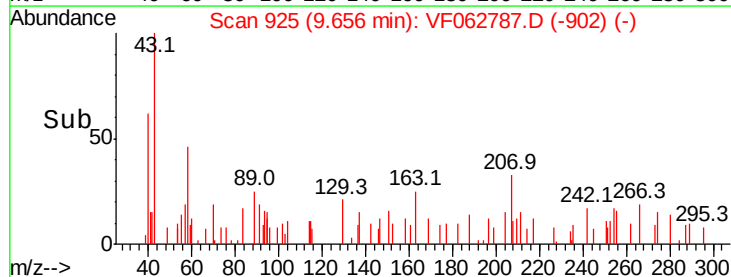
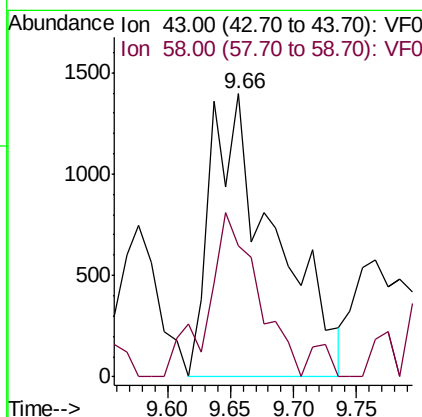
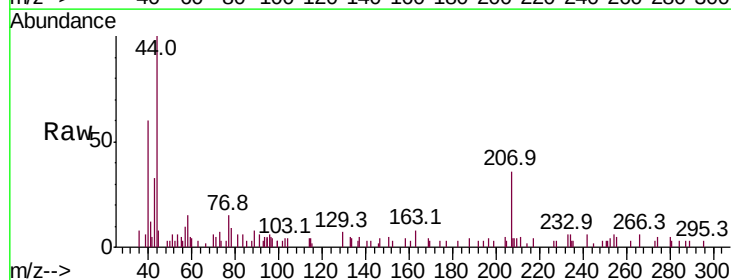
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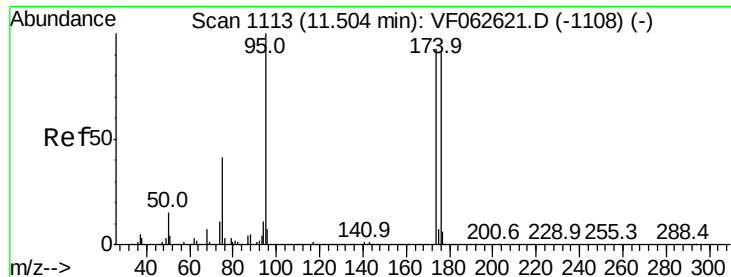
Tot Ion: 98 Resp: 911973
Ion Ratio Lower Upper
98 100
100 73.1 56.2 84.2



#59
2-Hexanone
Concen: Below Cal
RT: 9.66 min Scan# 925
Delta R.T. 0.03 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion: 43 Resp: 4955
Ion Ratio Lower Upper
43 100
58 46.2 28.1 84.4

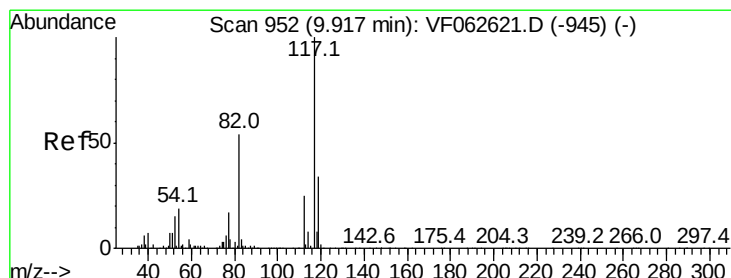
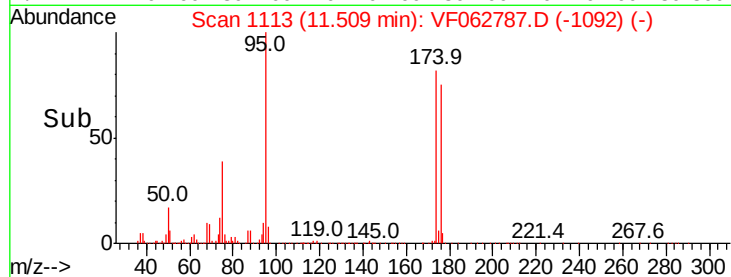
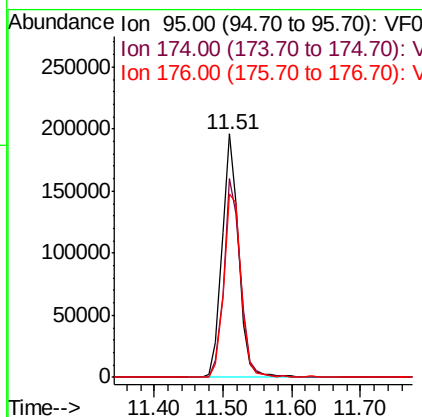
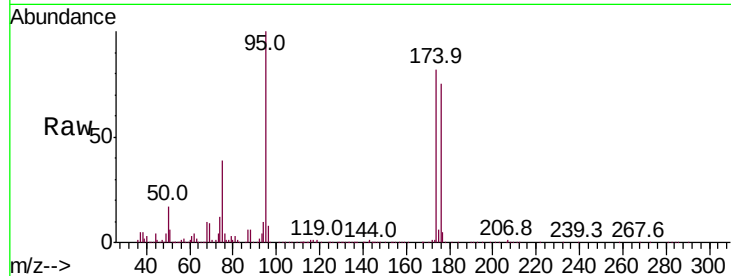




#62
4-Bromofluorobenzene
Concen: 34.972 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

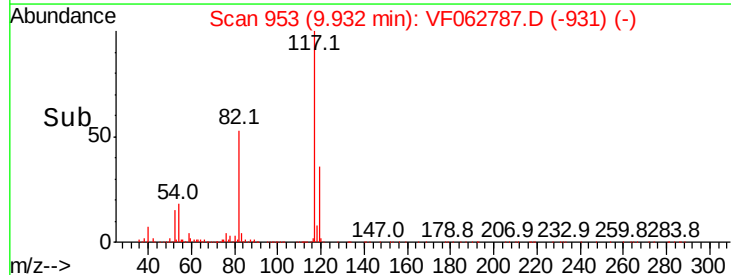
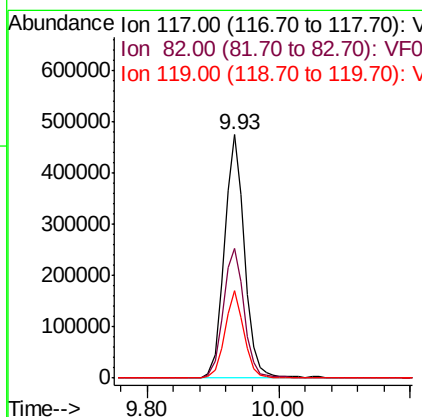
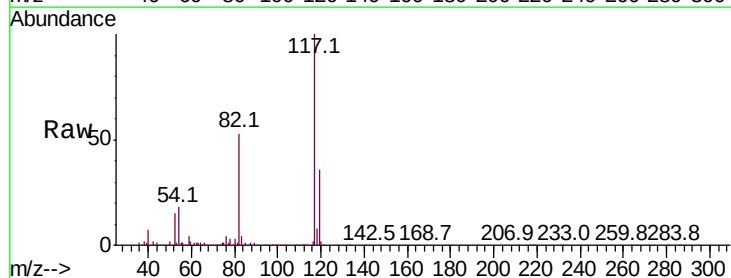
Instrument :
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ClientSampleId :
TEST-PIT-6RE

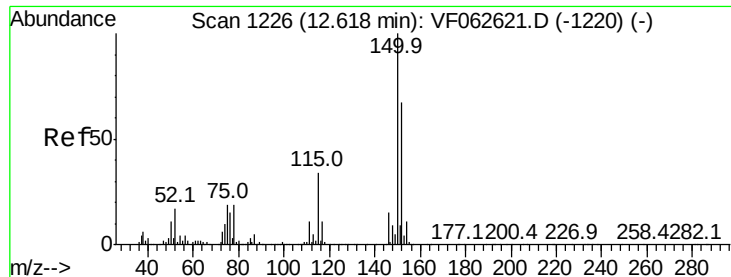
Tot Ion: 95 Resp: 328477
Ion Ratio Lower Upper
95 100
174 81.7 0.0 185.6
176 75.1 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion: 117 Resp: 1021758
Ion Ratio Lower Upper
117 100
82 53.3 43.3 64.9
119 35.7 27.4 41.0



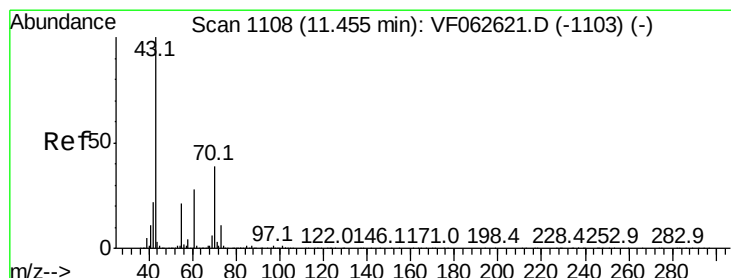
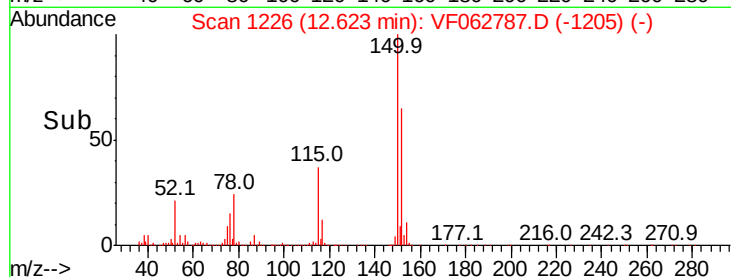
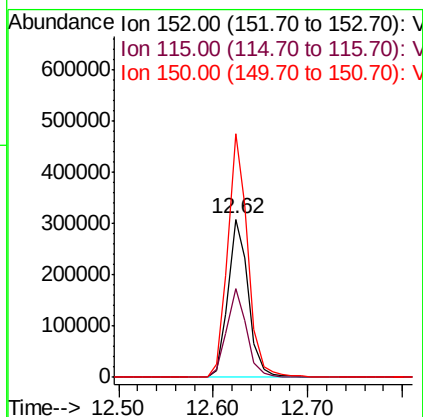
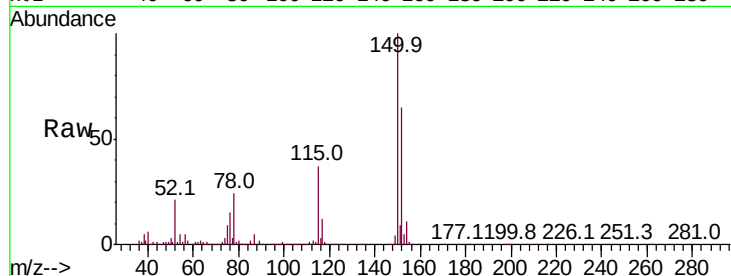


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

Tot Ion:152 Resp: 459838
Ion Ratio Lower Upper
152 100
115 56.3 25.2 75.6
150 153.7 0.0 306.2



#74

N-amil acetate
Concen: Below Cal
RT: 11.47 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion: 43 Resp: 2077
Ion Ratio Lower Upper
43 100
70 11.3 30.9 46.3#
55 15.5 17.0 25.4#
61 11.9 22.6 34.0#

