

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062318.D
 Acq On : 29 Apr 2019 17:47
 Operator : FY/SY
 Sample : K2579-01RE
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Apr 30 03:48:35 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	5.04	168	3392	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	2400	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	1313	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	73	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	225	8.19	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	16.38%	
35) Dibromofluoromethane	4.28	113	778	43.72	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	87.44%	
50) Toluene-d8	7.70	98	2091	48.11	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.43	95	66	3.68	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	7.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.05	85	69	1.712	ug/l #	40
3) Chloromethane	1.12	50	259	7.627	ug/l #	44
4) Vinyl Chloride	1.17	62	71	2.208	ug/l #	1
5) Bromomethane	1.43	94	74	3.388	ug/l #	6
6) Chloroethane	1.46	64	64	4.539	ug/l #	42
7) Trichlorofluoromethane	1.30	101	60	1.174	ug/l #	15
8) Diethyl Ether	1.54	74	108	11.665	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	1.93	101	78	2.432	ug/l #	25
10) Methyl Iodide	2.06	142	66	1.177	ug/l #	45
11) Tert butyl alcohol	2.66	59	65	39.109	ug/l #	1
12) 1,1-Dichloroethene	1.84	96	264	9.225	ug/l #	1
13) Acrolein	2.11	56	95	67.204	ug/l #	1
14) Allyl chloride	2.21	41	280	8.991	ug/l #	28
15) Acrylonitrile	3.10	53	96	20.855	ug/l #	15
16) Acetone	2.36	43	127	20.645	ug/l #	56
18) Methyl Acetate	2.43	43	247	19.784	ug/l #	59
19) Methyl tert-butyl Ether	2.55	73	447	8.193	ug/l	97
20) Methylene Chloride	2.27	84	70	Below Cal	#	2
21) trans-1,2-Dichloroethene	2.39	96	270	9.547	ug/l #	1
22) Diisopropyl ether	2.90	45	318	3.793	ug/l #	43
23) Vinyl Acetate	3.30	43	447	12.023	ug/l #	78
24) 1,1-Dichloroethane	2.99	63	148	3.093	ug/l #	89
25) 2-Butanone	4.54	43	340	34.857	ug/l #	57
26) 2,2-Dichloropropane	3.75	77	489	19.678	ug/l	85
27) cis-1,2-Dichloroethene	3.63	96	92	2.569	ug/l	64
28) Bromochloromethane	3.87	49	147	7.290	ug/l #	2
29) Tetrahydrofuran	4.29	42	319	74.429	ug/l #	54
30) Chloroform	4.03	83	63	1.048	ug/l #	1
31) Cyclohexane	3.84	56	153	3.360	ug/l #	16
32) 1,1,1-Trichloroethane	4.31	97	85	1.802	ug/l #	29
36) 1,1-Dichloropropene	4.43	75	72	3.252	ug/l #	1
37) Ethyl Acetate	4.29	43	251	26.945	ug/l #	27
38) Carbon Tetrachloride	4.16	117	64	2.843	ug/l #	12
39) Methylcyclohexane	5.67	83	60	2.321	ug/l #	1

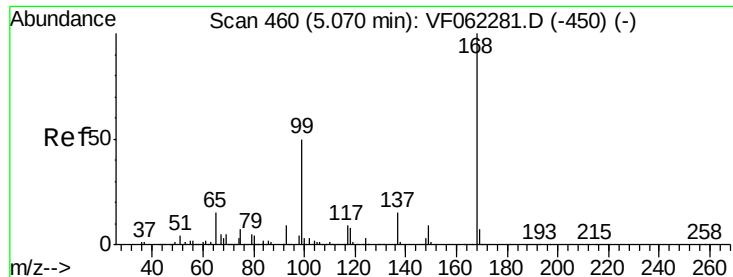
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.82	78	72	1.346	ug/l #	51
41) Methacrylonitrile	4.90	41	614	118.648	ug/l #	27
42) 1,2-Dichloroethane	5.07	62	169	9.972	ug/l #	1
43) Isopropyl Acetate	7.07	43	630	66.068	ug/l #	46
45) 1,2-Dichloropropane	6.38	63	80	6.633	ug/l #	45
46) Dibromomethane	6.41	93	81	9.300	ug/l #	33
47) Bromodichloromethane	6.59	83	78	3.810	ug/l #	23
48) Methyl methacrylate	6.82	41	481	70.480	ug/l #	1
49) 1,4-Dioxane	6.76	88	93	1183.426	ug/l #	1
51) 4-Methyl-2-Pentanone	8.37	43	135	18.393	ug/l #	38
52) Toluene	7.78	92	76	2.462	ug/l #	1
53) t-1,3-Dichloropropene	8.38	75	264	17.535	ug/l #	41
54) cis-1,3-Dichloropropene	7.33	75	382	19.806	ug/l #	35
55) 1,1,2-Trichloroethane	8.55	97	62	7.072	ug/l #	39
56) Ethyl methacrylate	8.70	69	151	15.678	ug/l #	1
57) 1,3-Dichloropropane	8.98	76	60	4.353	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.43	63	152	51.863	ug/l #	44
59) 2-Hexanone	9.47	43	655	139.953	ug/l #	74
60) Dibromochloromethane	8.67	129	62	4.357	ug/l #	11
61) 1,2-Dibromoethane	9.21	107	66	6.504	ug/l #	83
64) Tetrachloroethene	8.28	164	77	7.011	ug/l #	33
66) 1,1,1,2-Tetrachloroethane	10.04	131	76	6.725	ug/l #	1
67) Ethyl Benzene	10.02	91	642	15.391	ug/l #	96
68) m/p-Xylenes	10.25	106	140	9.015	ug/l #	1
69) o-Xylene	10.65	106	92	5.302	ug/l #	18
70) Styrene	10.92	104	75	2.990	ug/l #	1
73) Isopropylbenzene	11.21	105	529	105.767	ug/l #	50
74) N-amyl acetate	11.46	43	915	793.987	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.75	83	98	123.329	ug/l #	5
76) 1,2,3-Trichloropropane	11.83	75	140	248.323	ug/l #	100
78) n-propylbenzene	11.83	91	183	34.773	ug/l #	78
79) 2-Chlorotoluene	11.77	91	250	78.865	ug/l #	95
80) 1,3,5-Trimethylbenzene	11.64	105	161	38.131	ug/l #	85
81) trans-1,4-Dichloro-2-buten	11.94	75	118	468.241	ug/l #	70
82) 4-Chlorotoluene	11.77	91	250	79.702	ug/l #	97
83) tert-Butylbenzene	12.18	119	374	86.310	ug/l #	11
84) 1,2,4-Trimethylbenzene	12.26	105	77	18.829	ug/l #	29
85) sec-Butylbenzene	12.37	105	342	63.367	ug/l #	94
86) p-Isopropyltoluene	12.54	119	108	22.320	ug/l #	50
87) 1,3-Dichlorobenzene	12.52	146	92	41.590	ug/l #	49
88) 1,4-Dichlorobenzene	12.52	146	92	43.865	ug/l #	48
89) n-Butylbenzene	12.91	91	76	17.286	ug/l #	1
90) Hexachloroethane	12.96	117	62	51.116	ug/l #	76
92) 1,2-Dibromo-3-Chloropropan	13.67	75	76	474.101	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.21	180	60	32.164	ug/l #	11
95) Naphthalene	14.48	128	260	89.966	ug/l #	58

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

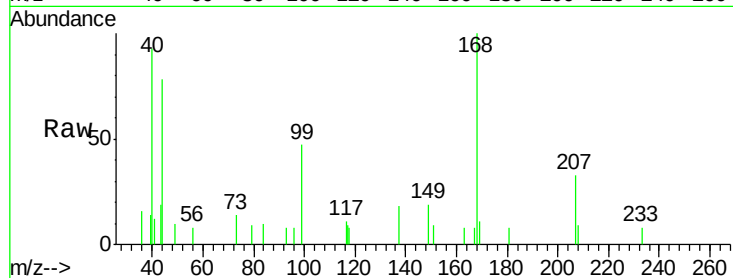
ClientSampleId :

Tot Ion:168 Resp: 3392

Ion Ratio Lower Upper

168 100

99 46.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

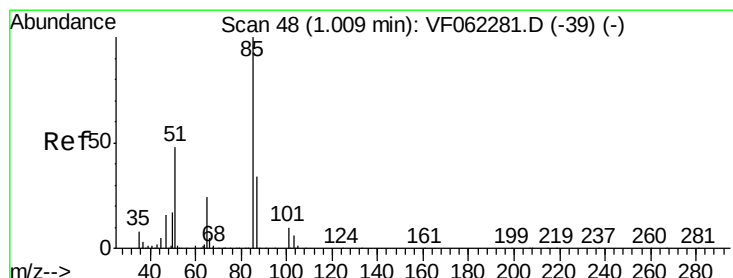
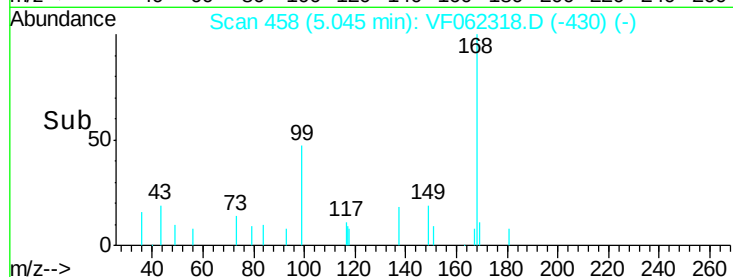
1500

1000

500

0

Time--> 4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 1.712 ug/l

RT: 1.05 min Scan# 53

Delta R.T. 0.04 min

Lab File: VF062318.D

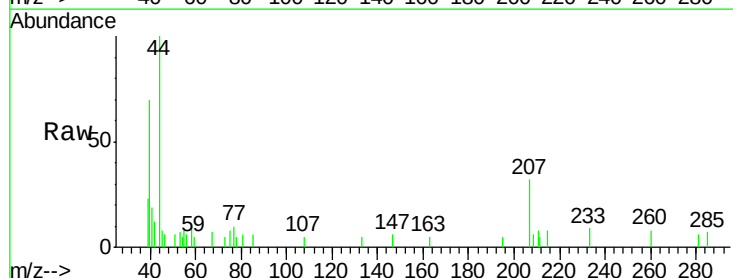
Acq: 29 Apr 2019 17:47

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

85 100

87 0.0 17.1 51.3#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

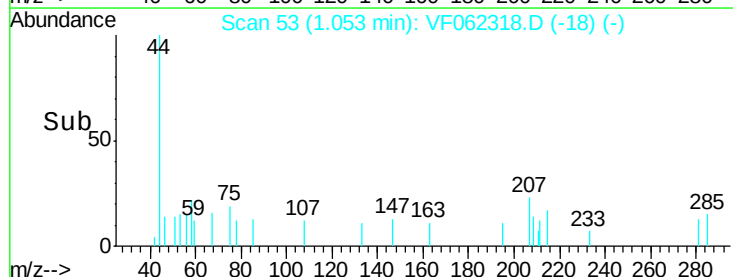
1.05

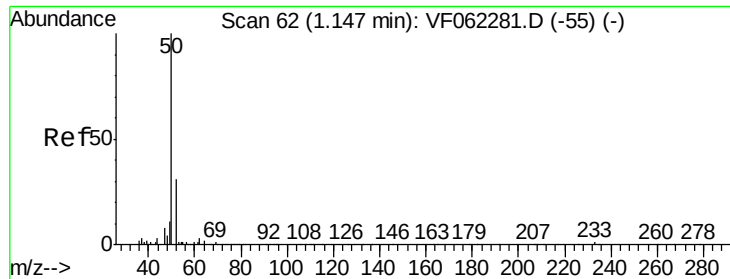
100

50

0

Time--> 1.02 1.04 1.06 1.08





#3

Chloromethane

Concen: 7.627 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

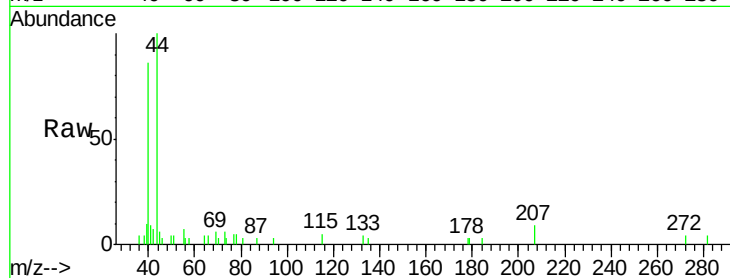
ClientSampled :

Tot Ion: 50 Resp: 259

Ion Ratio Lower Upper

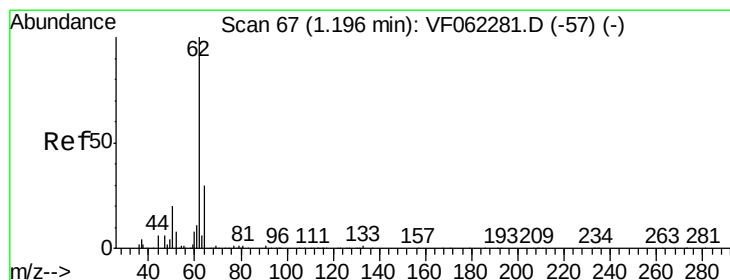
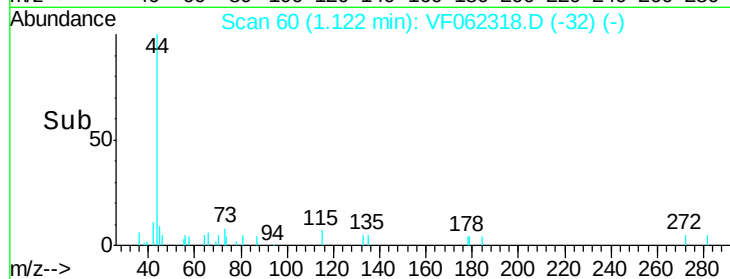
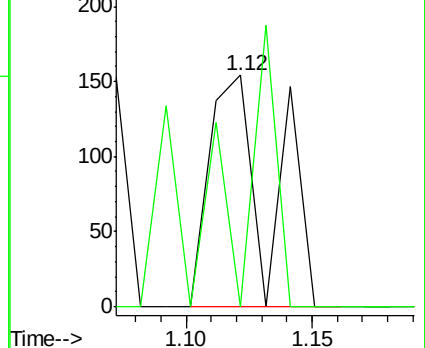
50 100

52 0.0 24.2 36.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 2.208 ug/l

RT: 1.17 min Scan# 65

Delta R.T. -0.02 min

Lab File: VF062318.D

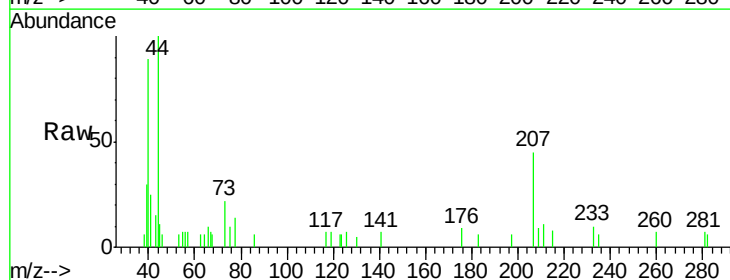
Acq: 29 Apr 2019 17:47

Tgt Ion: 62 Resp: 71

Ion Ratio Lower Upper

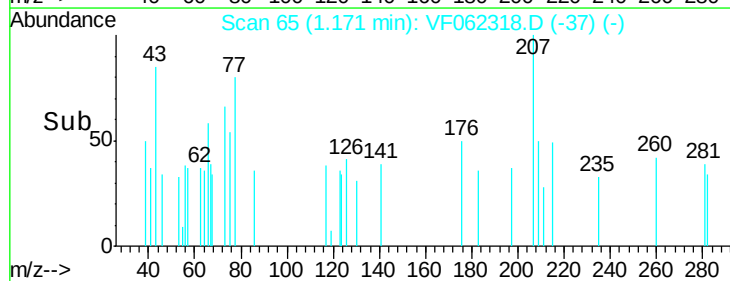
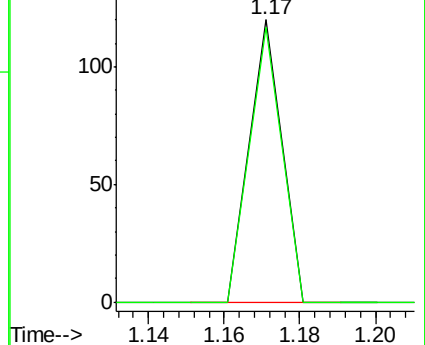
62 100

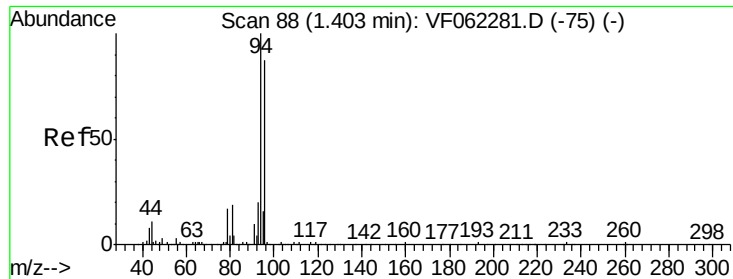
64 97.5 24.3 36.5#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 3.388 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

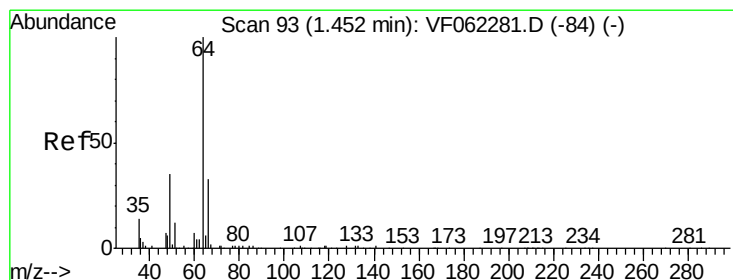
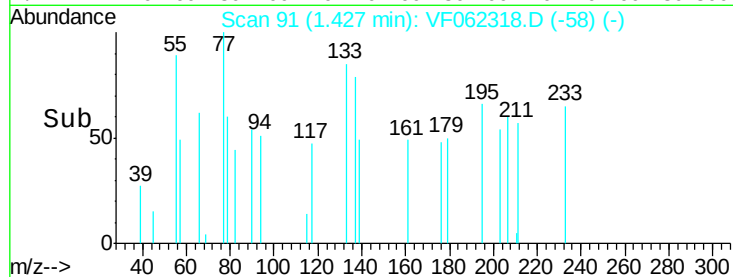
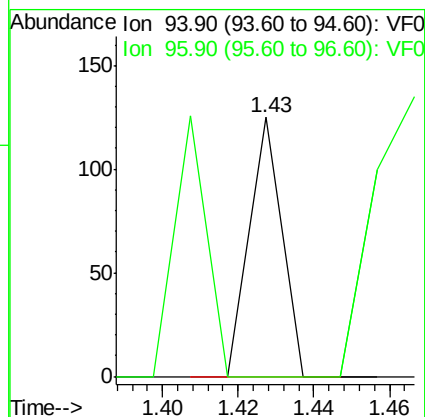
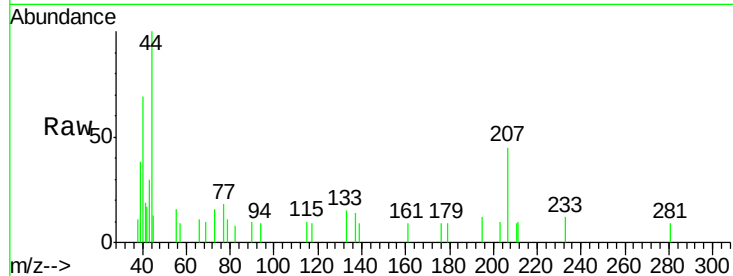
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 74

Ion Ratio Lower Upper

94 100

96 0.0 69.5 104.3#



#6

Chloroethane

Concen: 4.539 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.00 min

Lab File: VF062318.D

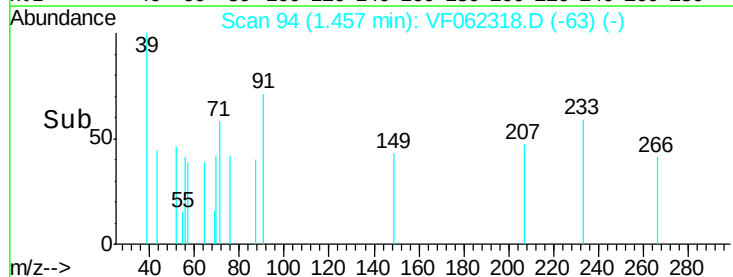
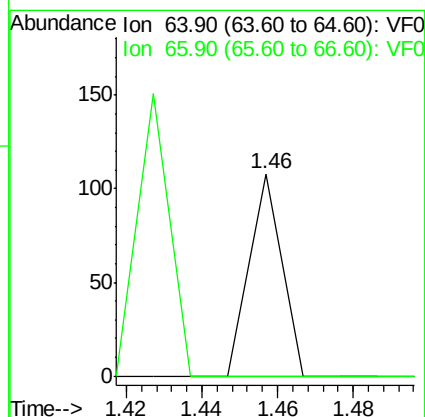
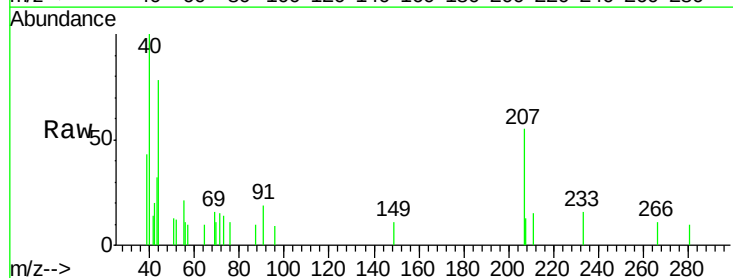
Acq: 29 Apr 2019 17:47

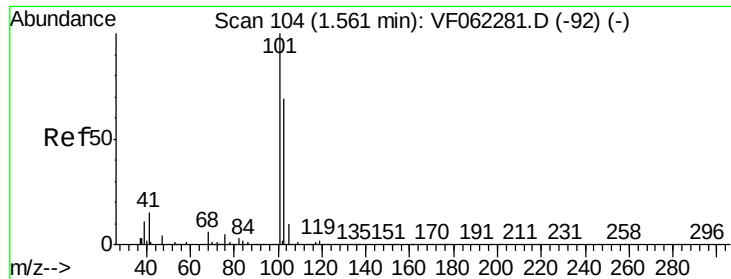
Tgt Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 0.0 26.0 39.0#



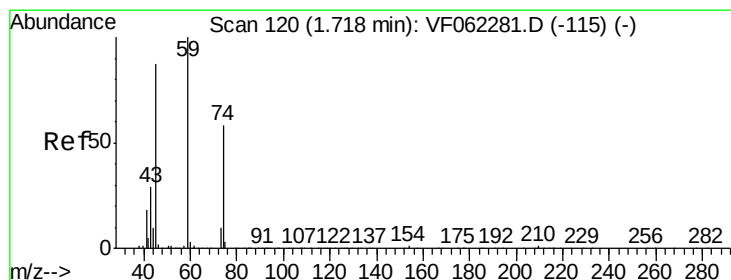
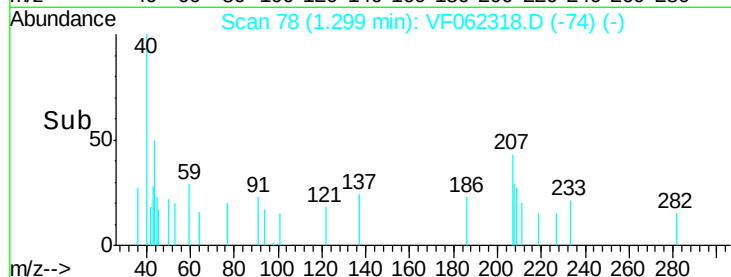
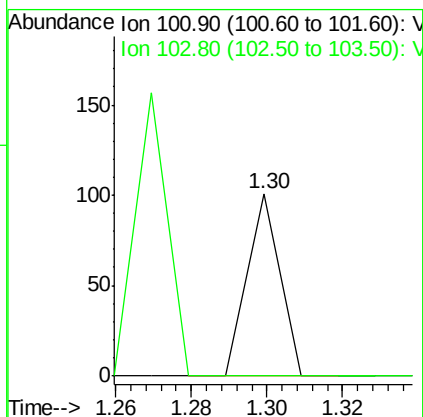
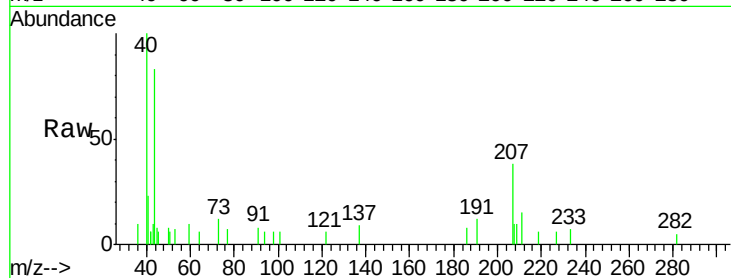


#7

Trichlorofluoromethane
 Concen: 1.174 ug/l
 RT: 1.30 min Scan# 78
 Delta R.T. -0.26 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Instrument :
 MSVOA_F
 ClientSampleId :

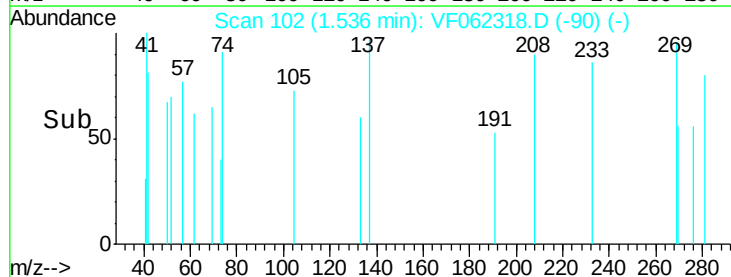
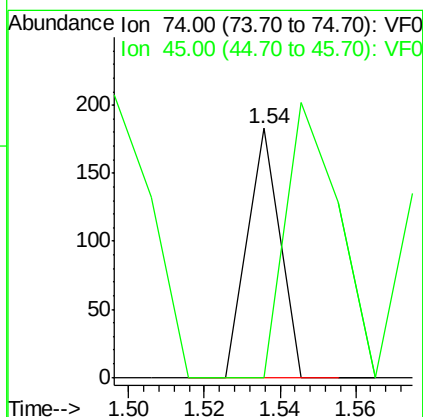
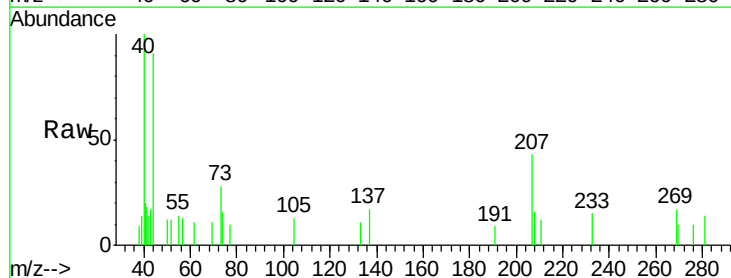
Tot Ion:101 Resp: 60
 Ion Ratio Lower Upper
 101 100
 103 0.0 55.0 82.6#

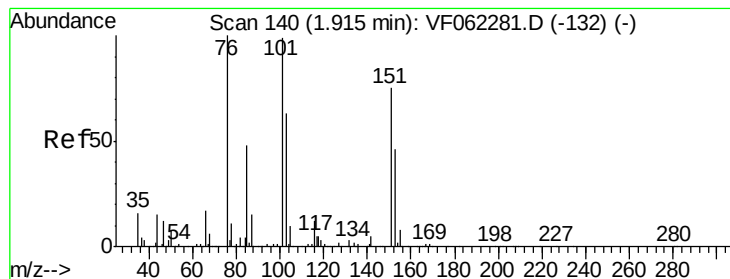


#8

Diethyl Ether
 Concen: 11.665 ug/l
 RT: 1.54 min Scan# 102
 Delta R.T. -0.18 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Tgt Ion: 74 Resp: 108
 Ion Ratio Lower Upper
 74 100
 45 181.5 74.0 222.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.432 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

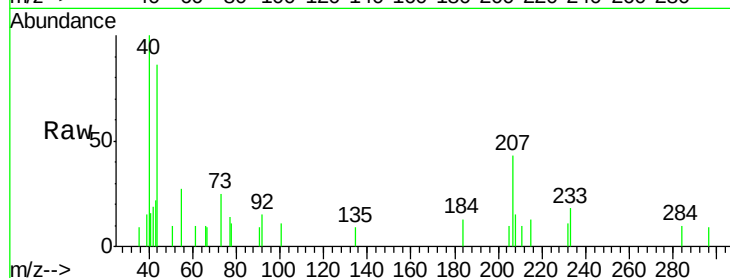
Tot Ion:101 Resp: 78

Ion Ratio Lower Upper

101 100

85 82.1 36.5 54.7#

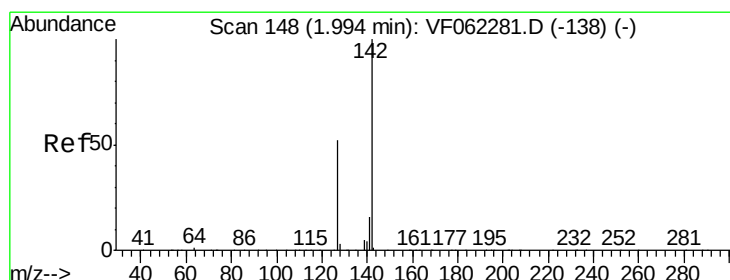
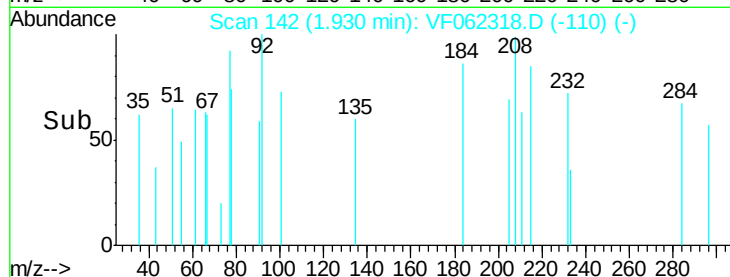
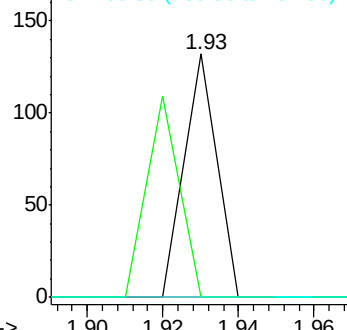
151 0.0 59.2 88.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.177 ug/l

RT: 2.06 min Scan# 155

Delta R.T. 0.06 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

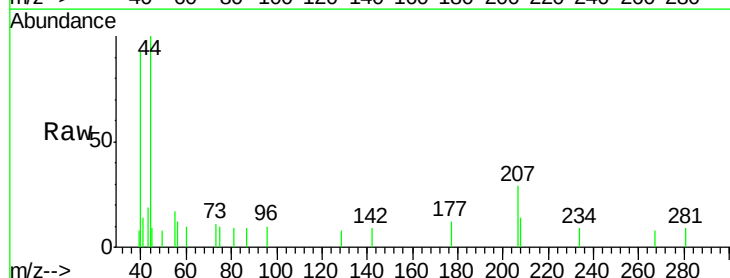
Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

142 100

127 97.0 43.0 64.4#

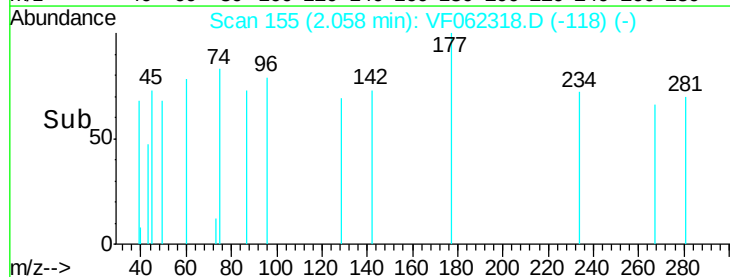
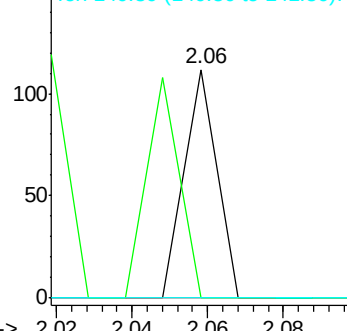
141 0.0 12.3 18.5#

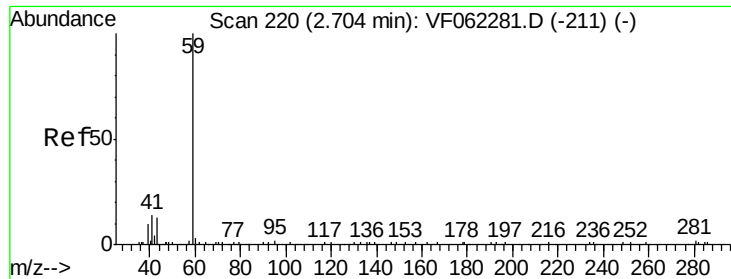


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



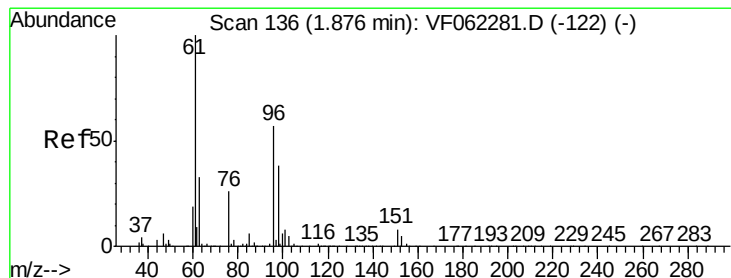
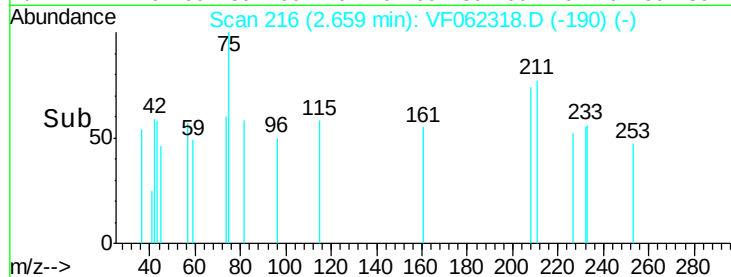
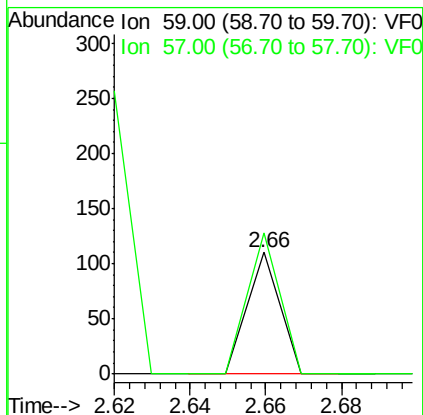
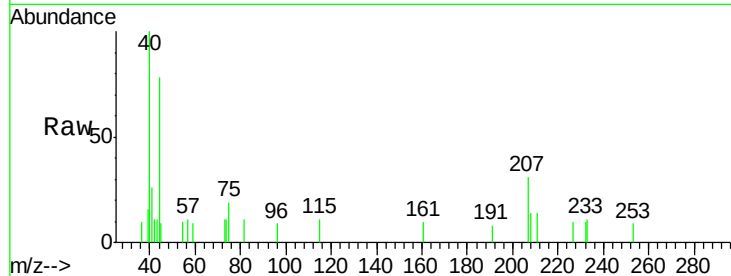


#11

Tert butyl alcohol
Concen: 39.109 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.04 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Instrument :
MSVOA_F
ClientSampled :

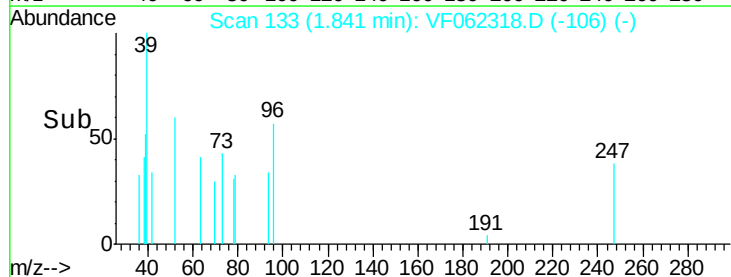
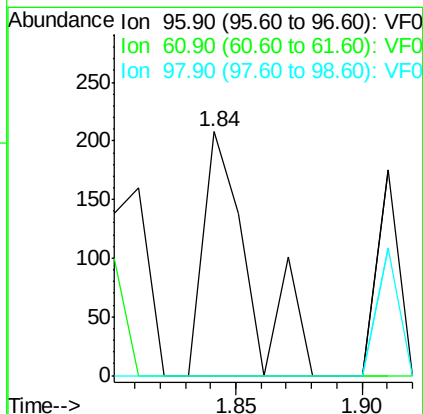
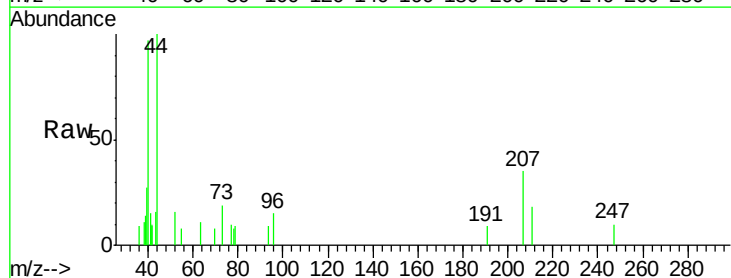
Tot Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 116.9 8.8 13.2#

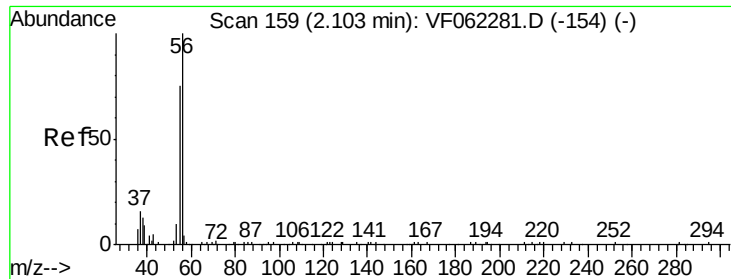


#12

1,1-Dichloroethene
Concen: 9.225 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.03 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 96 Resp: 264
Ion Ratio Lower Upper
96 100
61 0.0 141.1 211.7#
98 0.0 53.4 80.0#

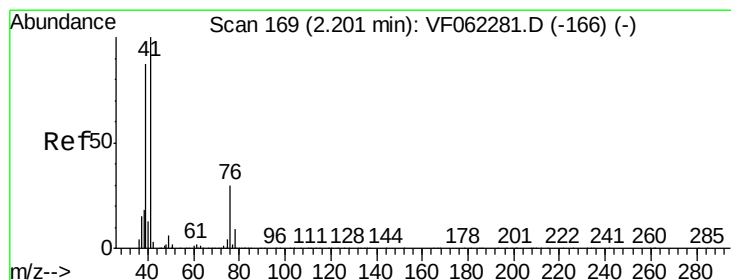
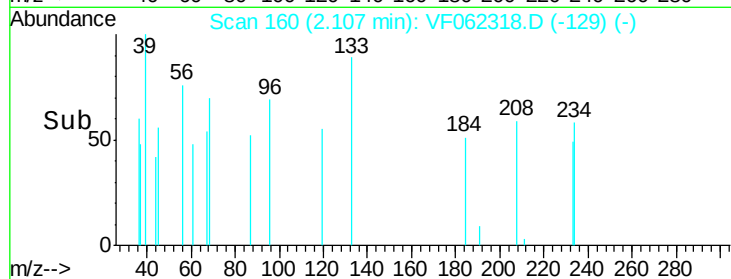
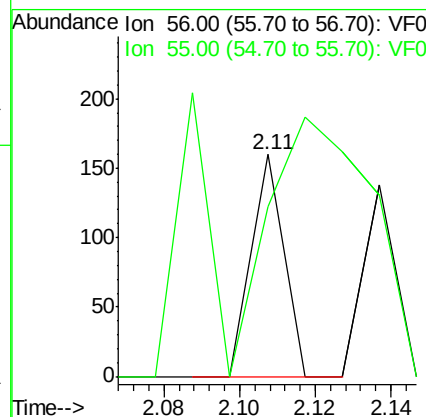
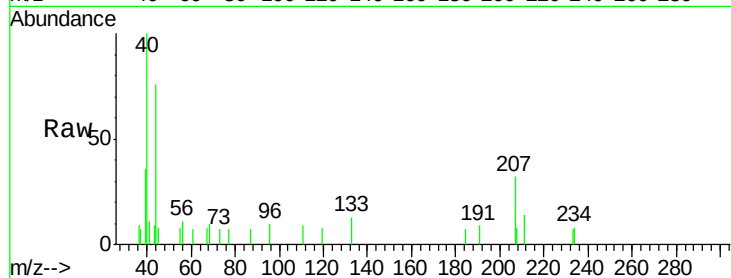




#13
Acrolein
Concen: 67.204 ug/l
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

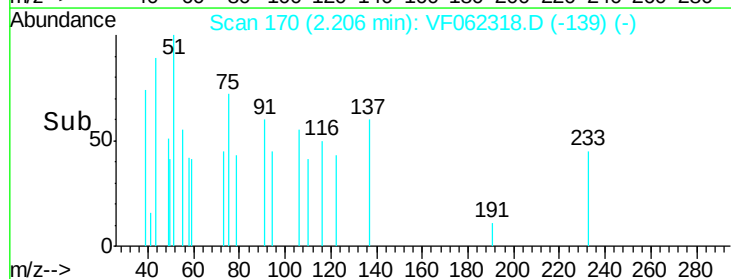
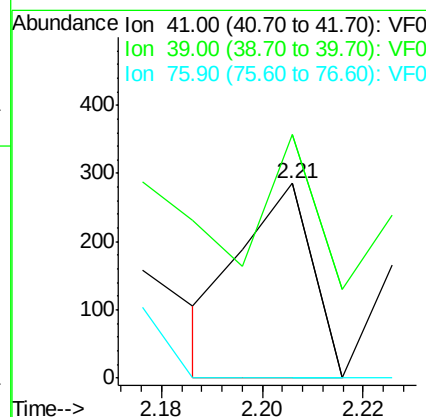
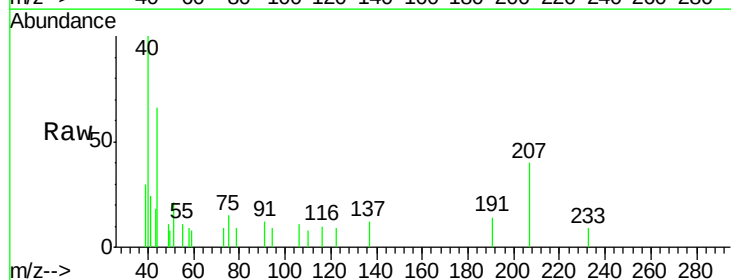
Instrument :
MSVOA_F
ClientSampleId :

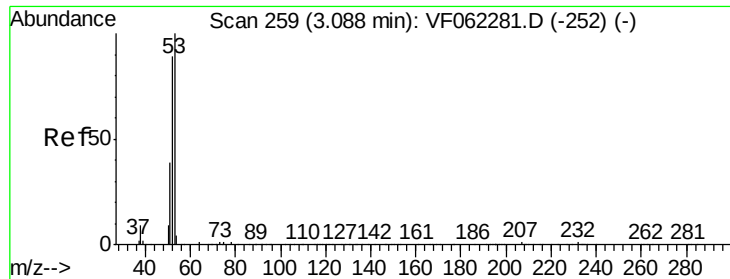
Tot Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 374.7 62.3 93.5#



#14
Allyl chloride
Concen: 8.991 ug/l
RT: 2.21 min Scan# 170
Delta R.T. 0.00 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 41 Resp: 280
Ion Ratio Lower Upper
41 100
39 0.0 50.3 75.5#
76 0.0 14.8 22.2#





#15

Acrylonitrile

Concen: 20.855 ug/l

RT: 3.10 min Scan# 261

Delta R.T. 0.01 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

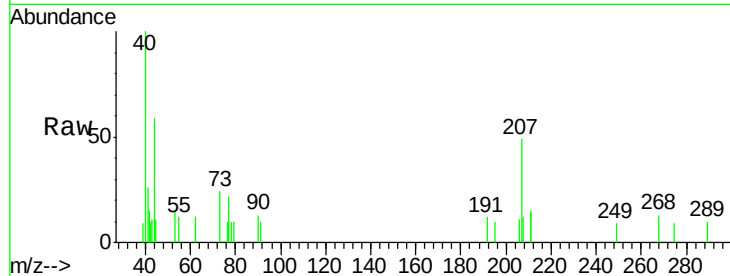
Tot Ion: 53 Resp: 96

Ion Ratio Lower Upper

53 100

52 0.0 70.6 105.8#

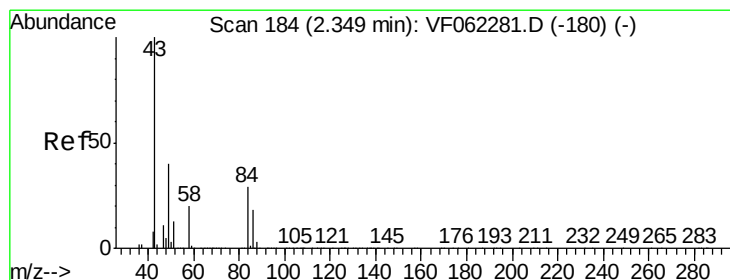
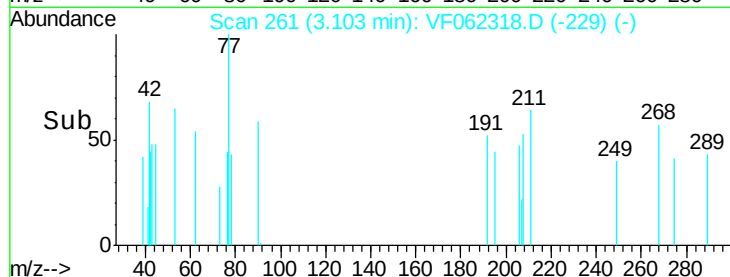
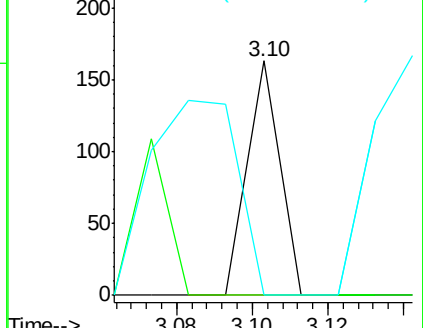
51 0.0 32.6 48.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 20.645 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062318.D

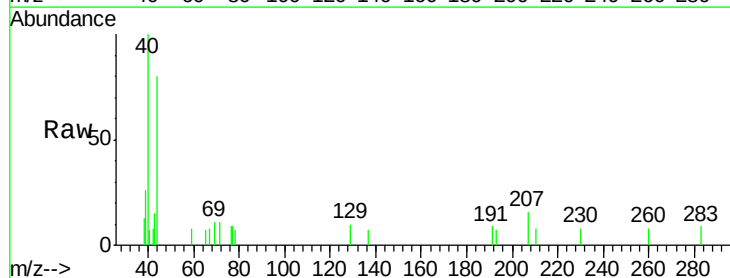
Acq: 29 Apr 2019 17:47

Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

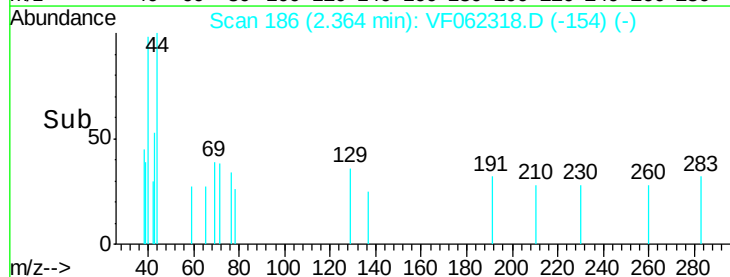
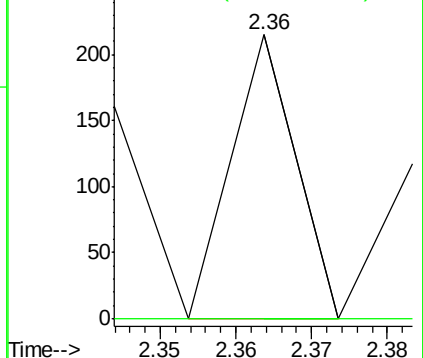
43 100

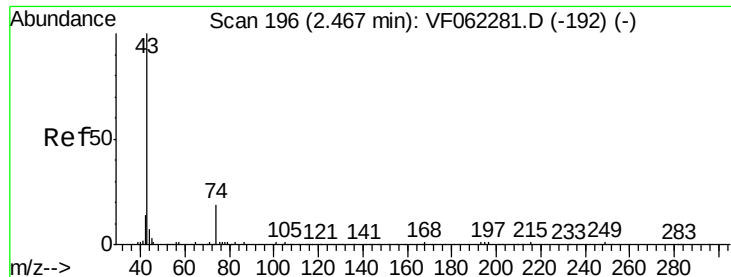
58 0.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

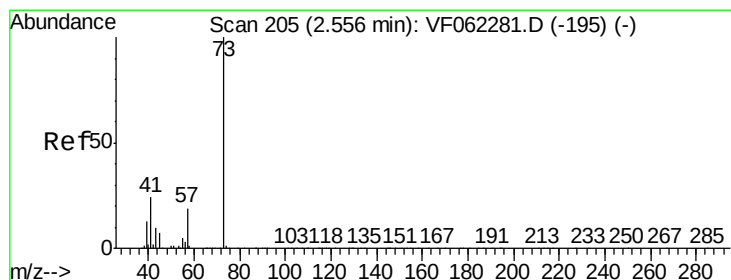
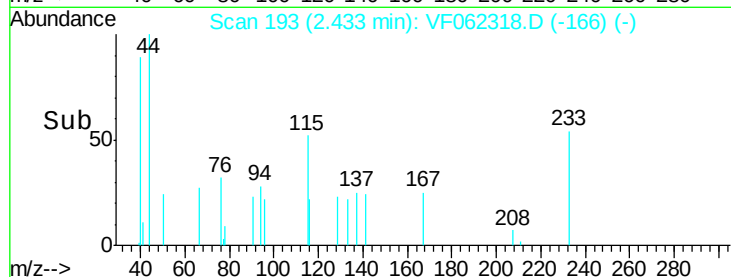
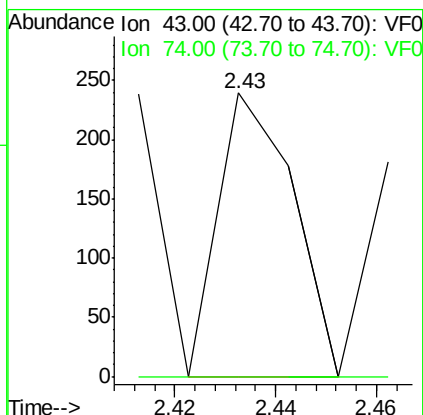
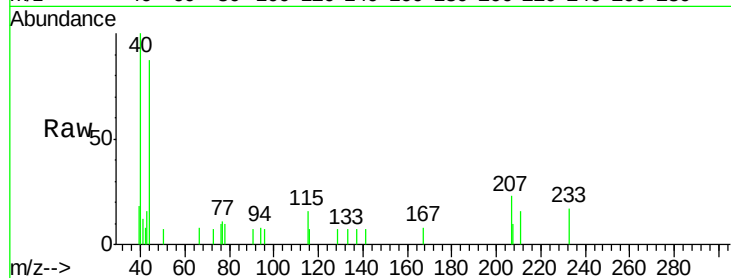




#18
Methyl Acetate
Concen: 19.784 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.03 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

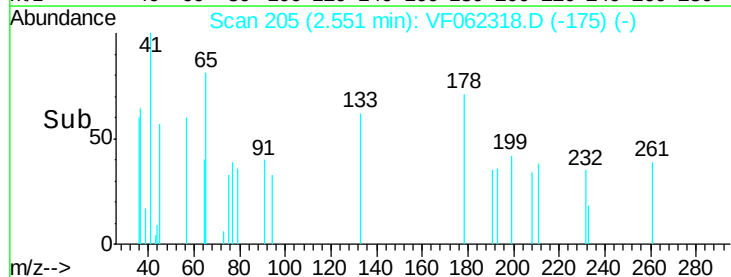
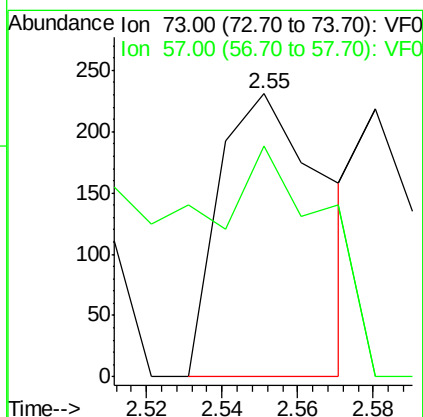
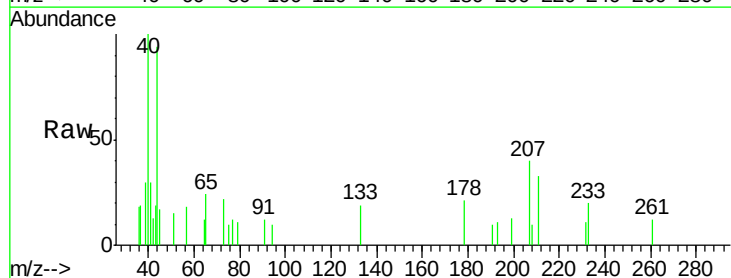
Instrument :
MSVOA_F
ClientSampleId :

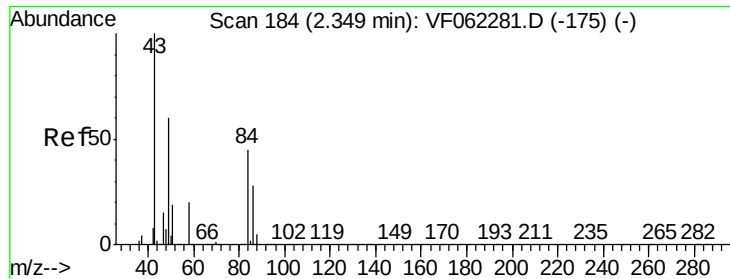
Tot Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
74 0.0 14.4 21.6#



#19
Methyl tert-butyl Ether
Concen: 8.193 ug/l
RT: 2.55 min Scan# 205
Delta R.T. -0.01 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 73 Resp: 447
Ion Ratio Lower Upper
73 100
57 20.8 15.5 23.3

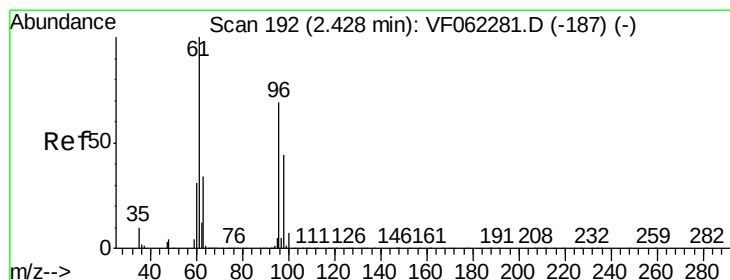
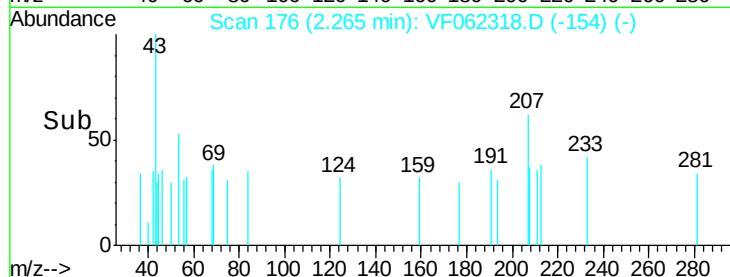
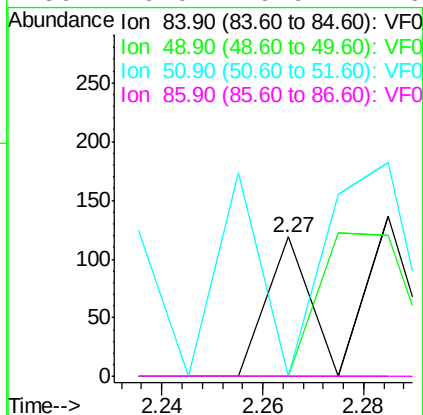
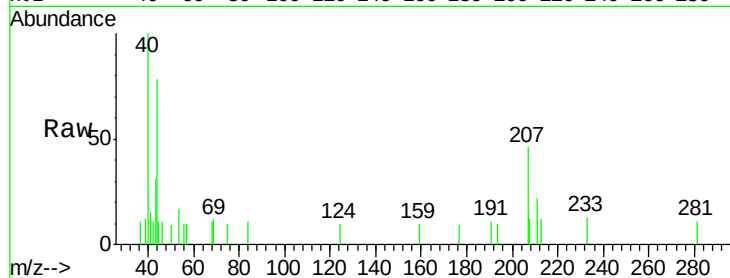




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. -0.08 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

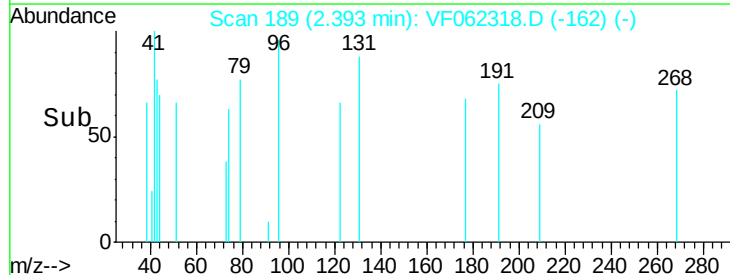
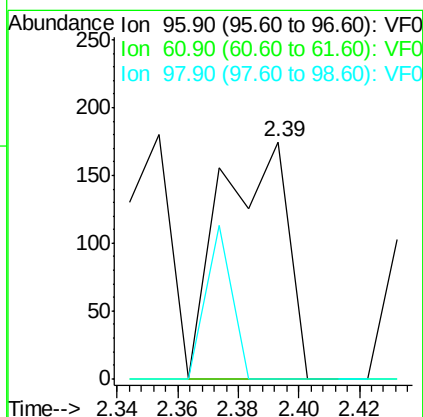
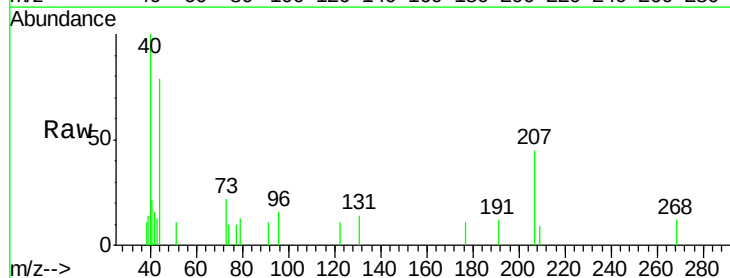
Instrument :
MSVOA_F
ClientSampleId :

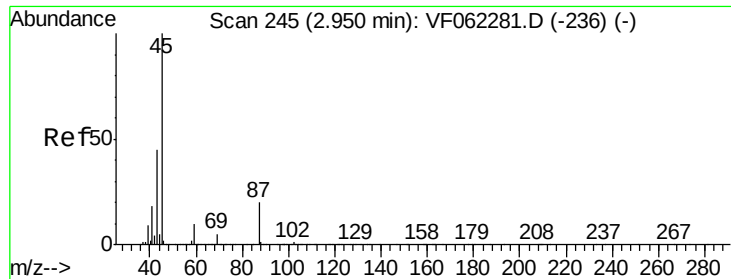
Tot Ion: 84 Resp: 70
Ion Ratio Lower Upper
84 100
49 0.0 112.1 168.1#
51 0.0 35.9 53.9#
86 0.0 49.9 74.9#



#21
trans-1,2-Dichloroethene
Concen: 9.547 ug/l
RT: 2.39 min Scan# 189
Delta R.T. -0.03 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 96 Resp: 270
Ion Ratio Lower Upper
96 100
61 0.0 116.2 174.2#
98 0.0 51.4 77.0#





#22

Diisopropyl ether

Concen: 3.793 ug/l

RT: 2.90 min Scan# 240

Delta R.T. -0.05 min

Lab File: VF062318.D

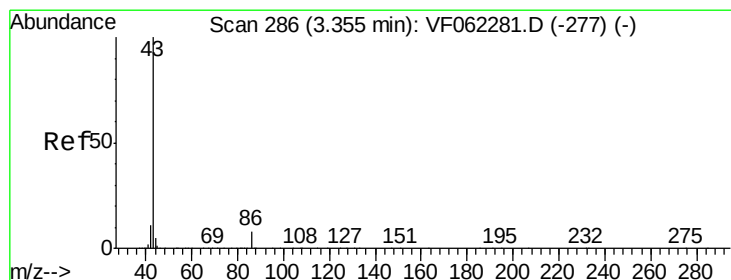
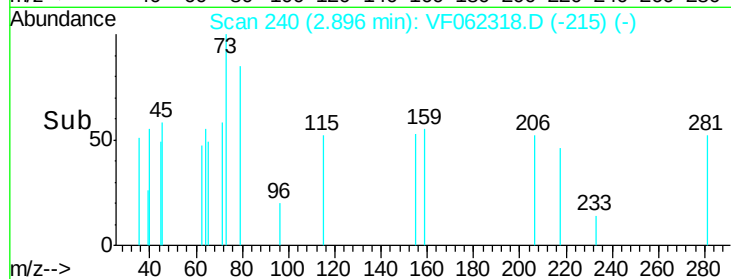
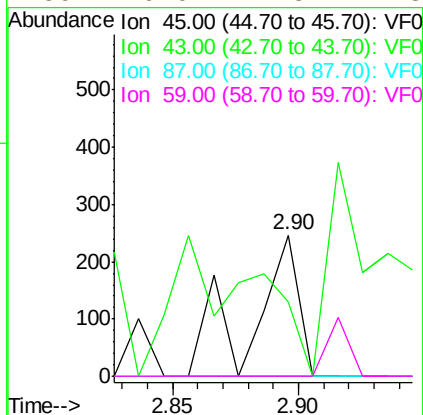
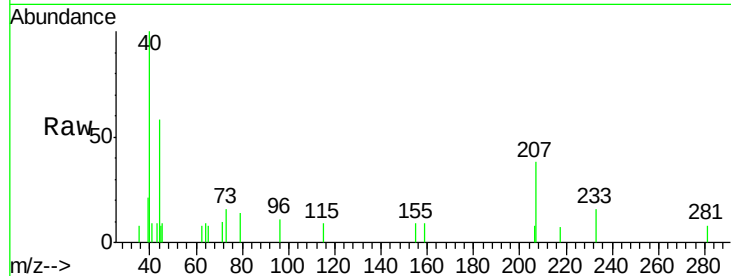
Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	45	Resp:	318
Ion	Ratio	Lower	Upper
45	100		
43	0.0	36.2	54.2#
87	0.0	15.8	23.6#
59	0.0	7.8	11.8#



#23

Vinyl Acetate

Concen: 12.023 ug/l

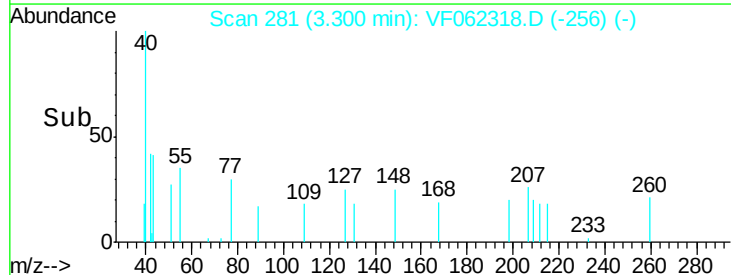
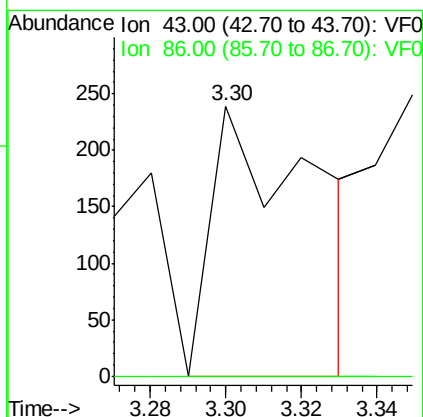
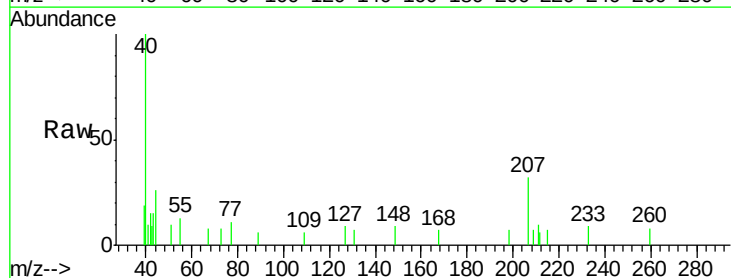
RT: 3.30 min Scan# 281

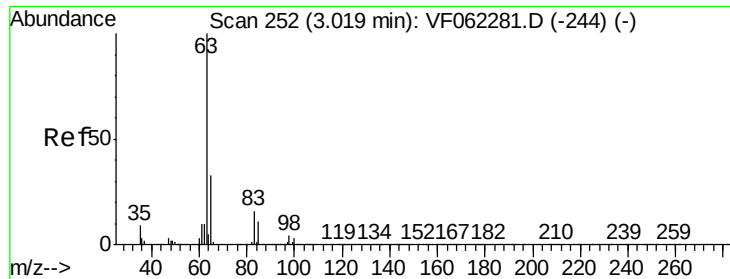
Delta R.T. -0.05 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Tgt Ion:	43	Resp:	447
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#





#24

1,1-Dichloroethane

Concen: 3.093 ug/l

RT: 2.99 min Scan# 250

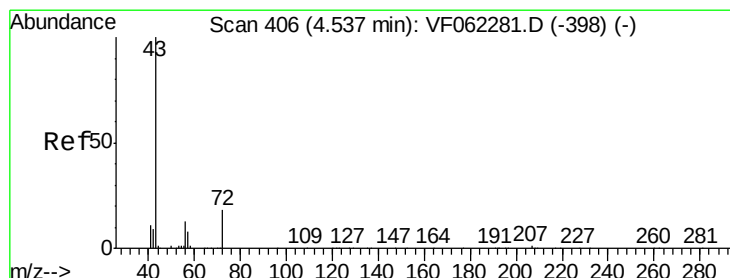
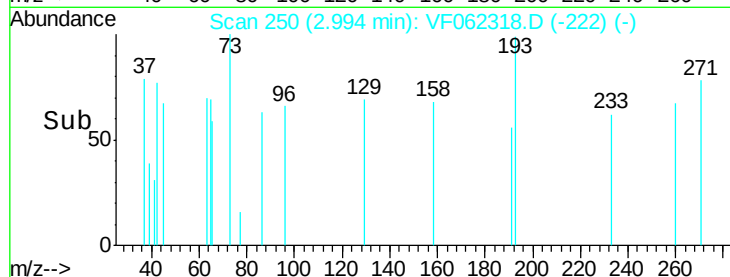
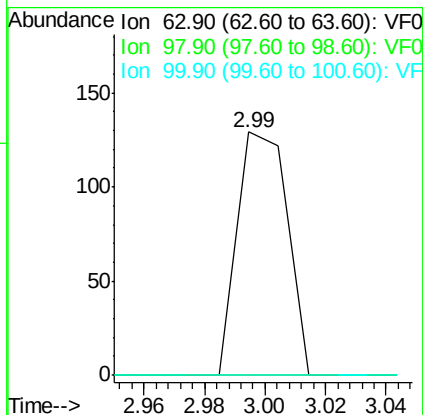
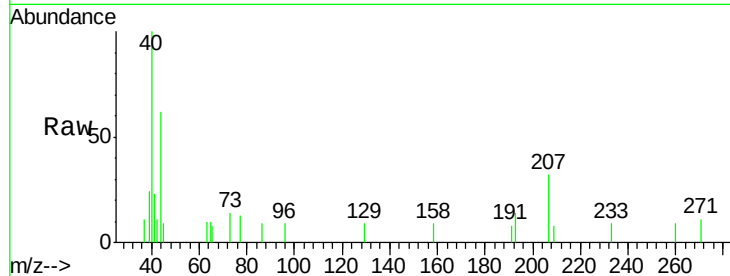
Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	63	Resp:	148
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.5	4.5#



#25

2-Butanone

Concen: 34.857 ug/l

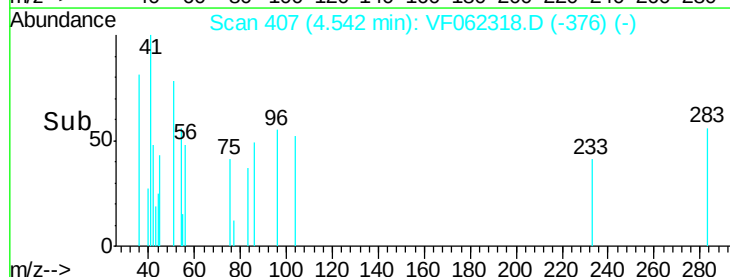
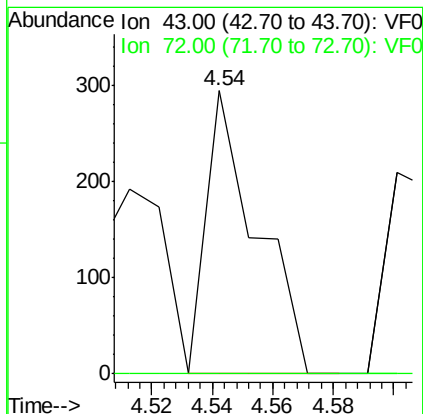
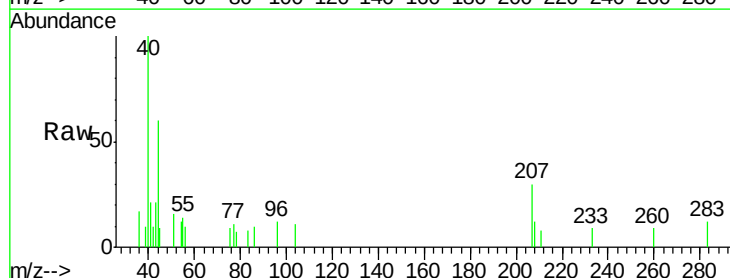
RT: 4.54 min Scan# 407

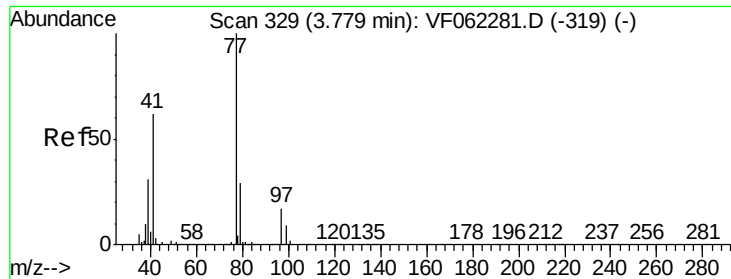
Delta R.T. 0.00 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Tgt Ion:	43	Resp:	340
Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#

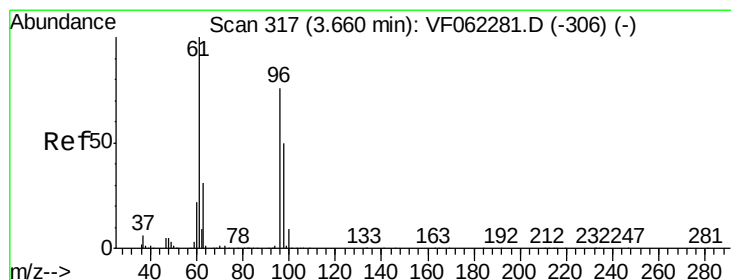
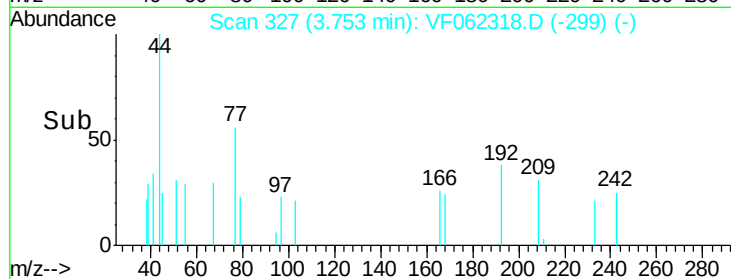
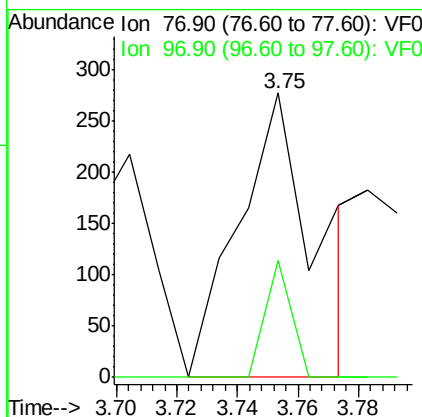
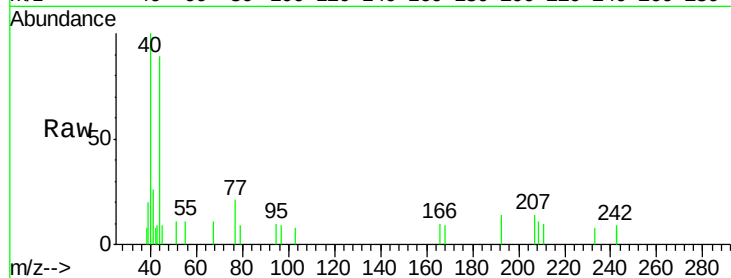




#26
 2,2-Dichloropropane
 Concen: 19.678 ug/l
 RT: 3.75 min Scan# 327
 Delta R.T. -0.03 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

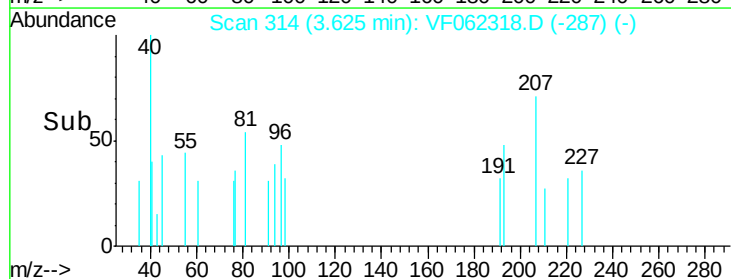
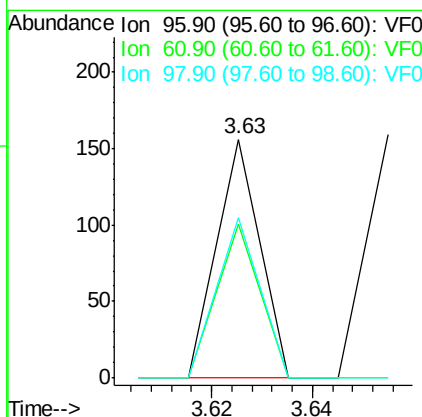
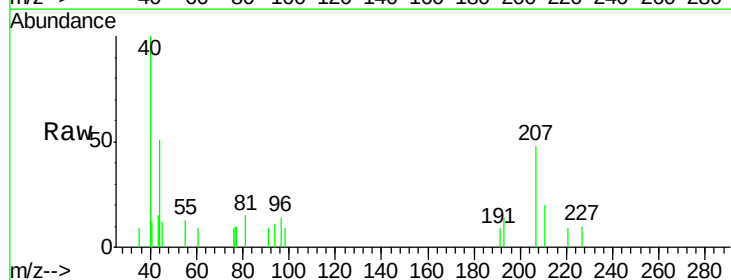
Instrument :
 MSVOA_F
 ClientSampled :

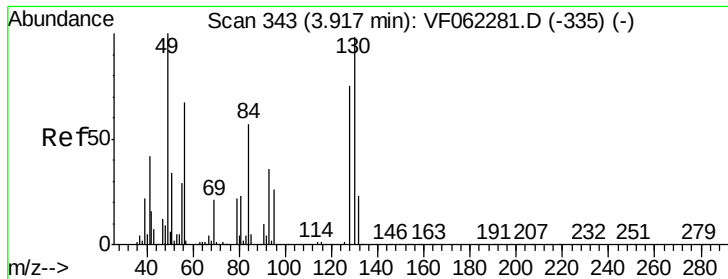
Tot Ion: 77 Resp: 489
 Ion Ratio Lower Upper
 77 100
 97 13.7 10.3 30.8



#27
 cis-1,2-Dichloroethene
 Concen: 2.569 ug/l
 RT: 3.63 min Scan# 314
 Delta R.T. -0.03 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Tgt Ion: 96 Resp: 92
 Ion Ratio Lower Upper
 96 100
 61 65.2 0.0 257.6
 98 67.4 0.0 137.4

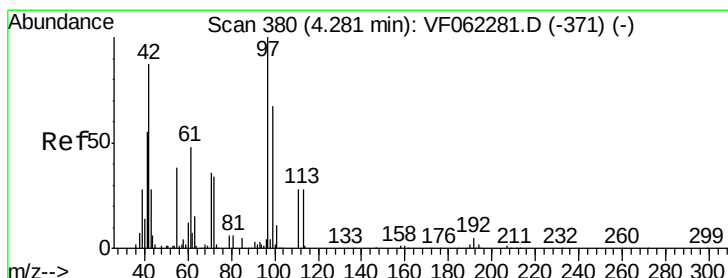
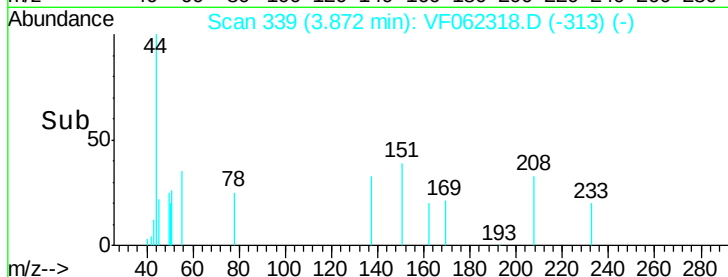
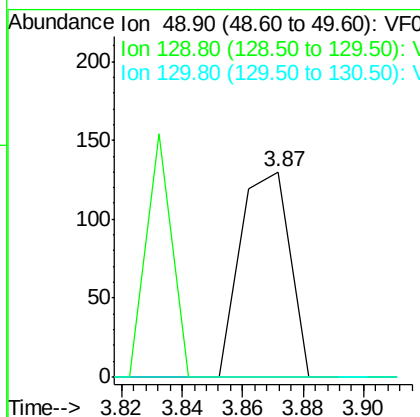
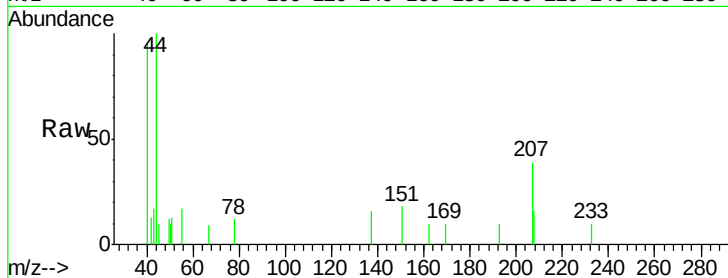




#28
Bromochloromethane
Concen: 7.290 ug/l
RT: 3.87 min Scan# 339
Delta R.T. -0.04 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

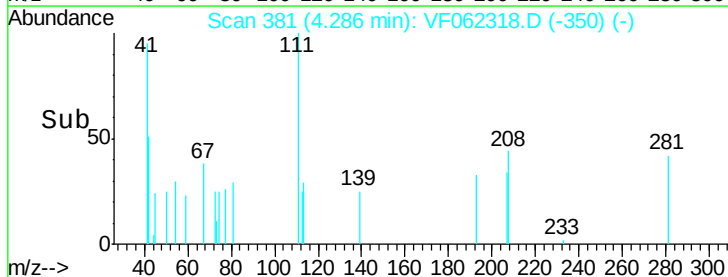
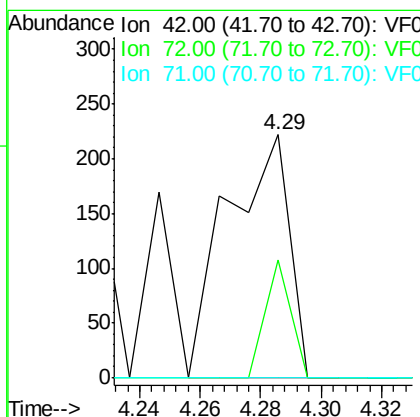
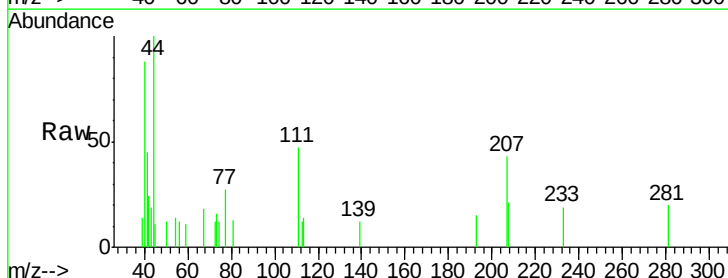
Instrument :
MSVOA_F
ClientSampleId :

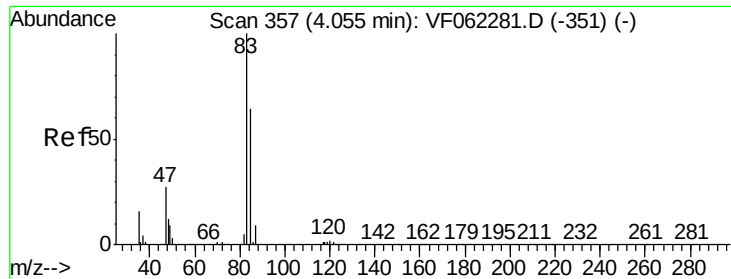
Tot Ion: 49 Resp: 147
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 0.0 77.0 115.4#



#29
Tetrahydrofuran
Concen: 74.429 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.00 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 42 Resp: 319
Ion Ratio Lower Upper
42 100
72 20.1 29.3 43.9#
71 0.0 31.2 46.8#

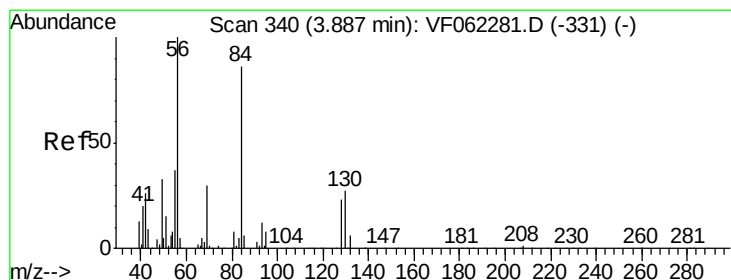
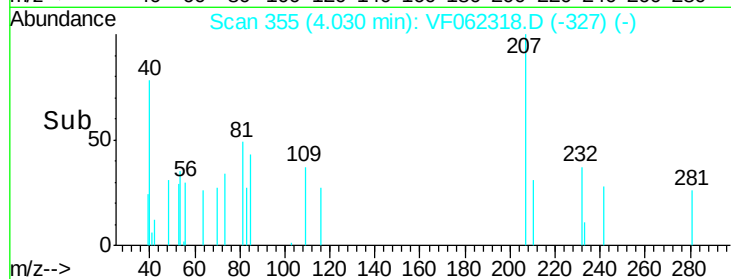
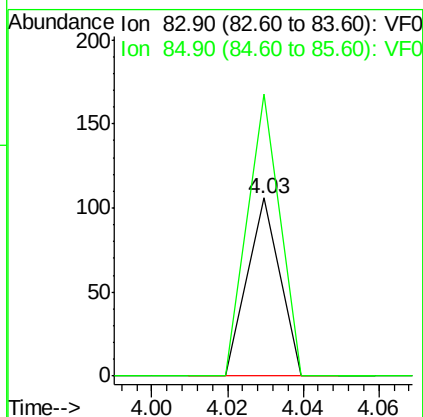
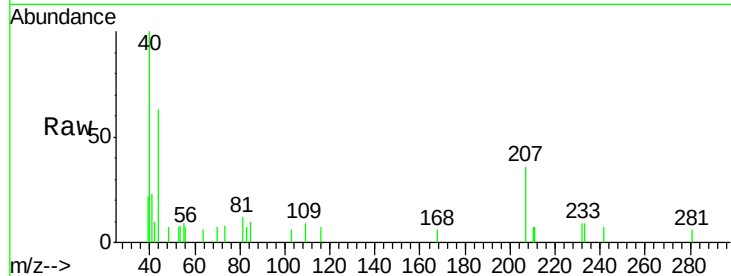




#30
Chloroform
Concen: 1.048 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

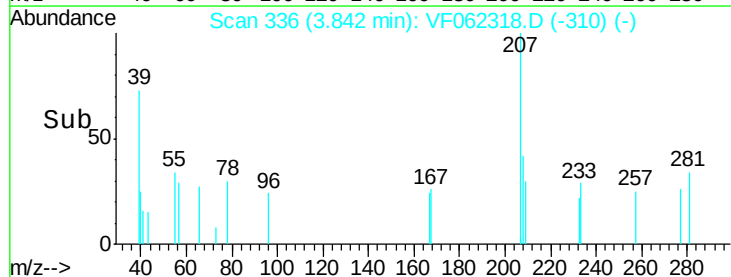
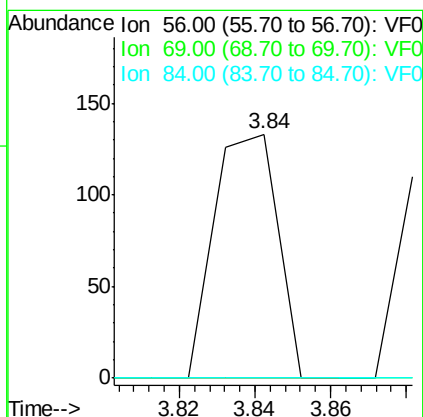
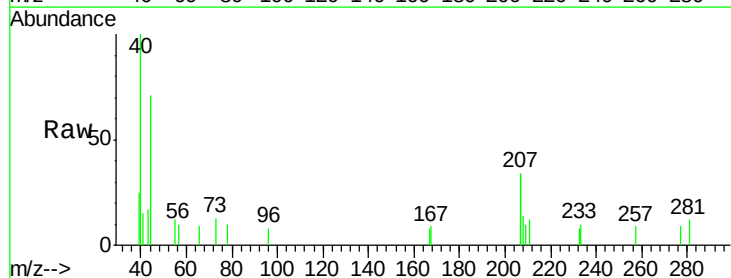
Instrument :
MSVOA_F
ClientSampleId :

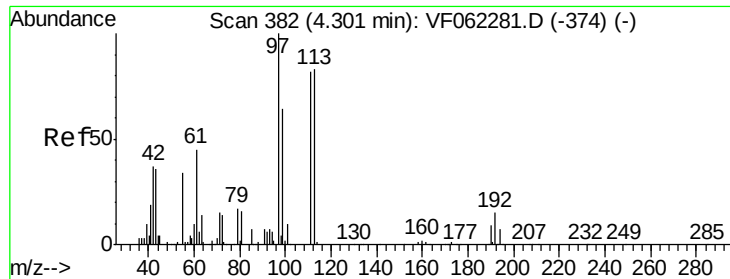
Tot Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
85 158.5 51.1 76.7#



#31
Cyclohexane
Concen: 3.360 ug/l
RT: 3.84 min Scan# 336
Delta R.T. -0.04 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
69 0.0 24.3 36.5#
84 0.0 68.5 102.7#





#32

1,1,1-Trichloroethane

Concen: 1.802 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.00 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

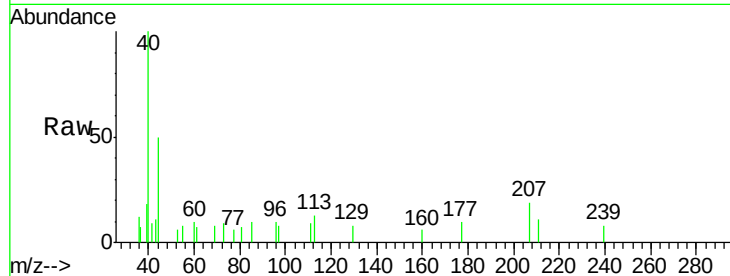
Tot Ion: 97 Resp: 85

Ion Ratio Lower Upper

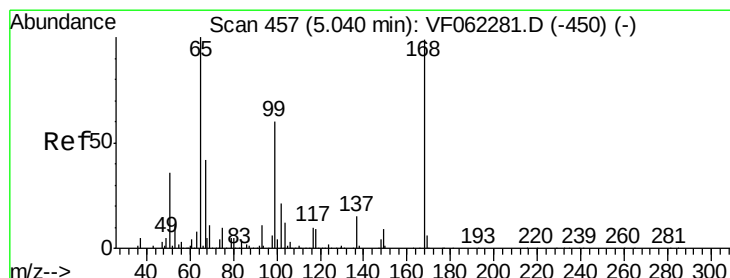
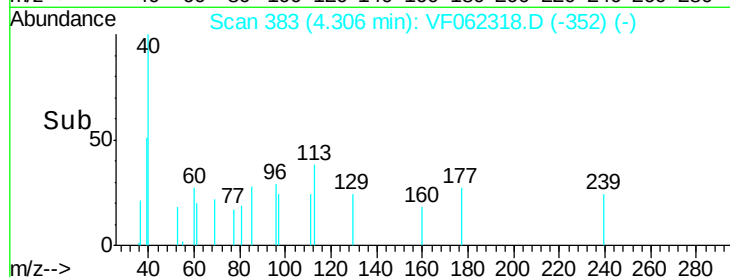
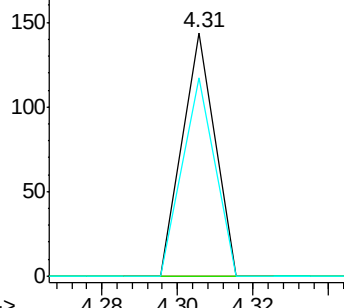
97 100

99 0.0 41.6 62.4#

61 81.2 31.6 47.4#



Abundance Ion 96.90 (96.60 to 97.60): VF0
Ion 98.90 (98.60 to 99.60): VF0
Ion 60.90 (60.60 to 61.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 8.189 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF062318.D

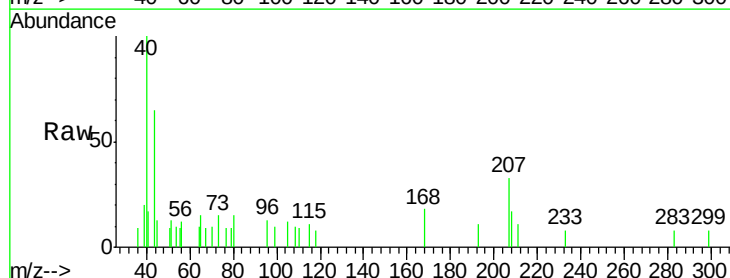
Acq: 29 Apr 2019 17:47

Tgt Ion: 65 Resp: 225

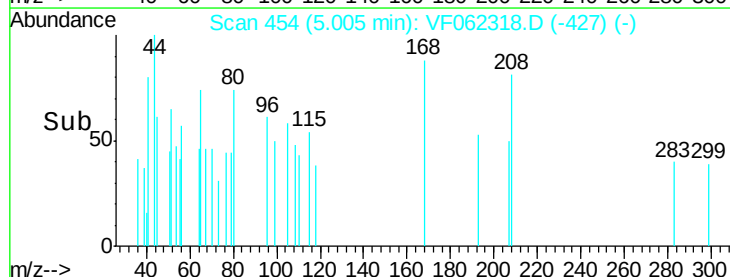
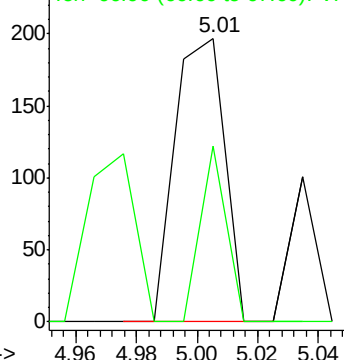
Ion Ratio Lower Upper

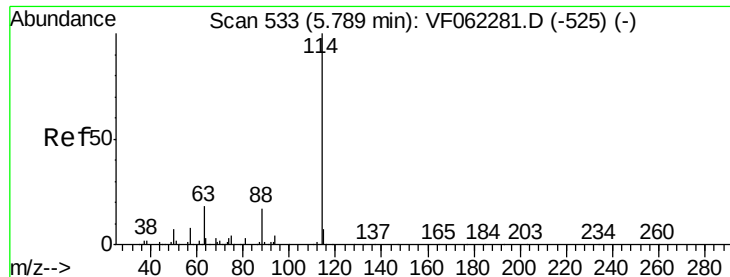
65 100

67 32.0 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0
Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

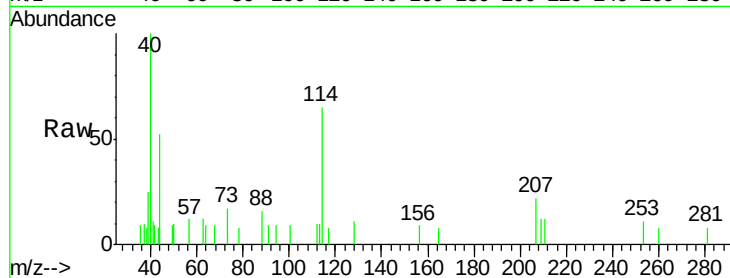
Tot Ion:114 Resp: 2400

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

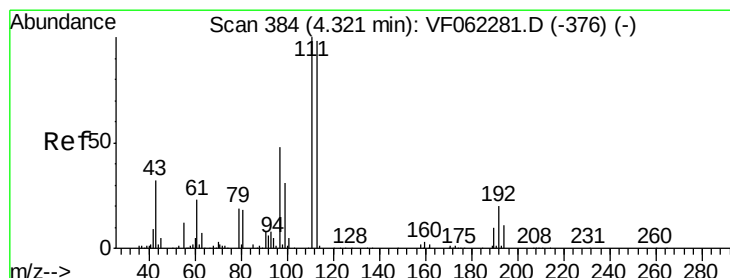
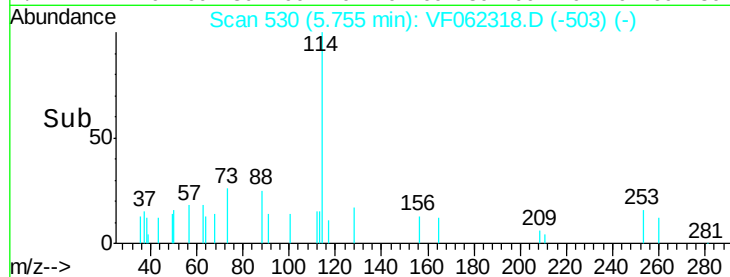
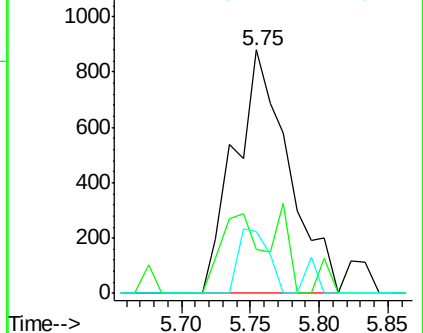
88 25.2 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 43.721 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.04 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

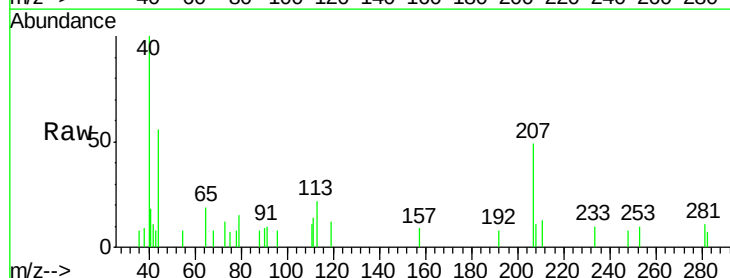
Tgt Ion:113 Resp: 778

Ion Ratio Lower Upper

113 100

111 112.9 81.4 122.2

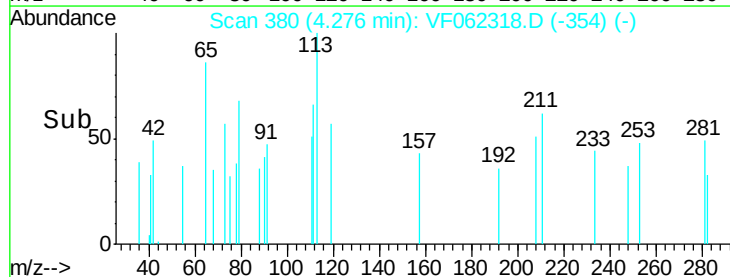
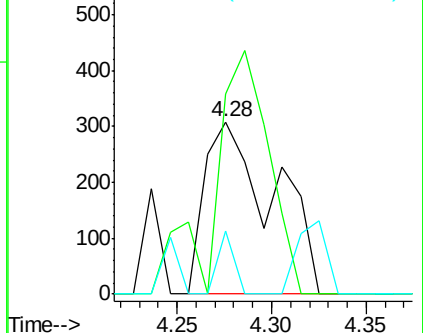
192 8.5 17.0 25.4#

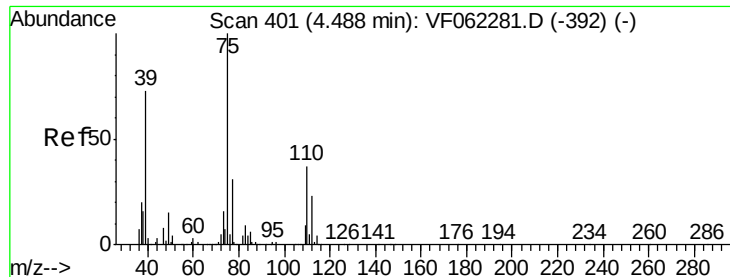


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

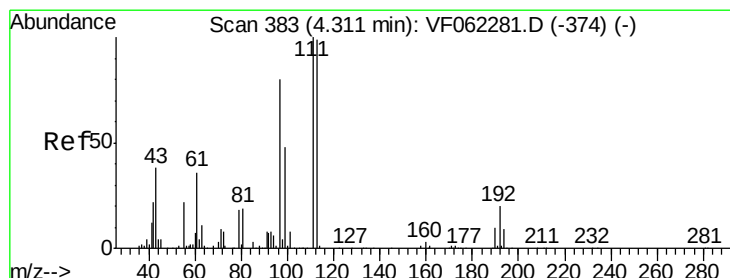
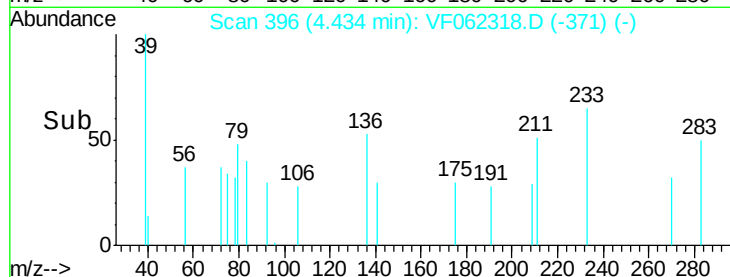
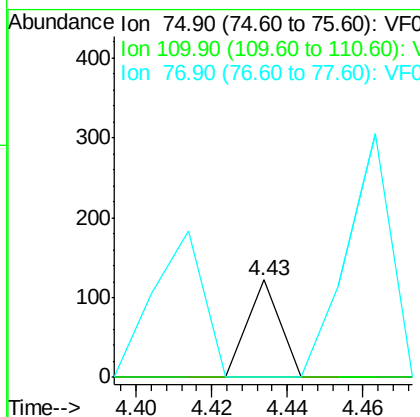
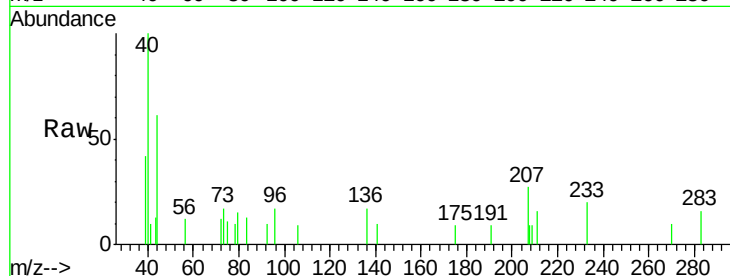




#36
 1,1-Dichloropropene
 Concen: 3.252 ug/l
 RT: 4.43 min Scan# 396
 Delta R.T. -0.05 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

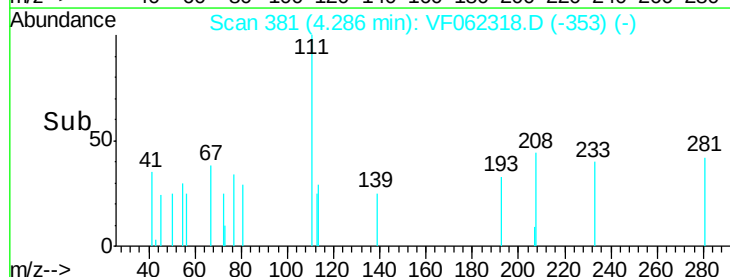
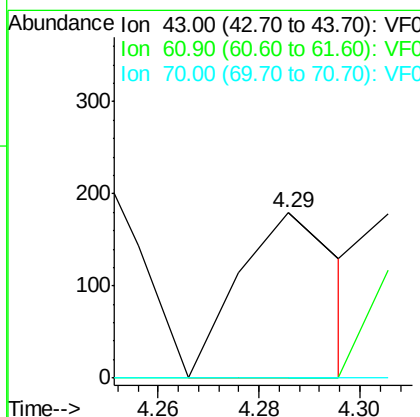
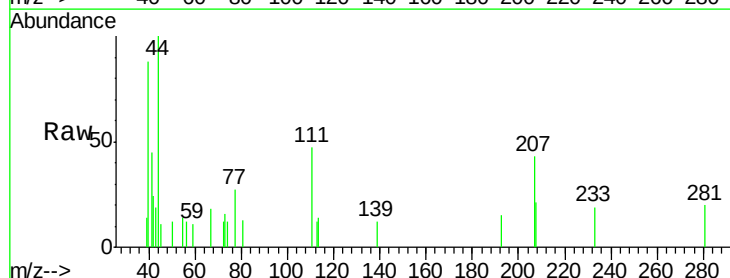
Instrument :
 MSVOA_F
 ClientSampled :

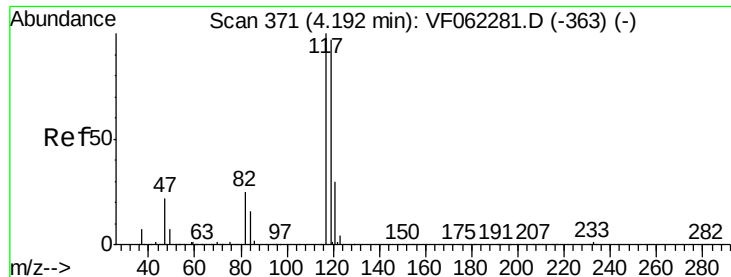
Tot Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.9 53.8#
 77 236.1 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 26.945 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.03 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Tgt Ion: 43 Resp: 251
 Ion Ratio Lower Upper
 43 100
 61 27.5 85.8 128.6#
 70 0.0 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 2.843 ug/l

RT: 4.16 min Scan# 368

Delta R.T. -0.03 min

Lab File: VF062318.D

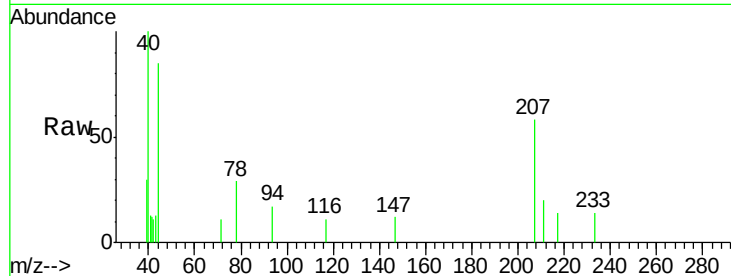
Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

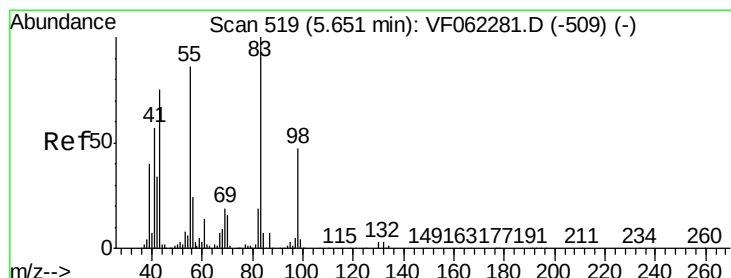
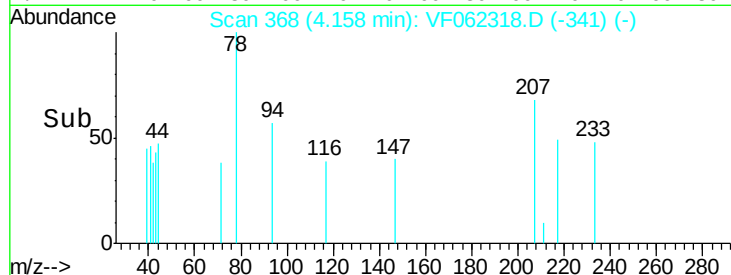
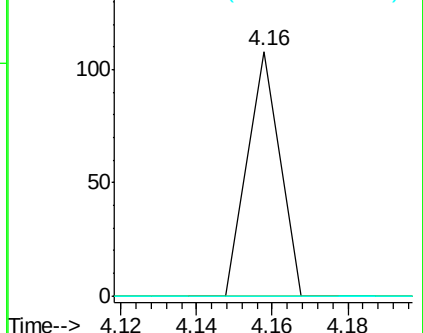
Tot Ion:	117	Resp:	64
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
121	0.0	24.3	36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.321 ug/l

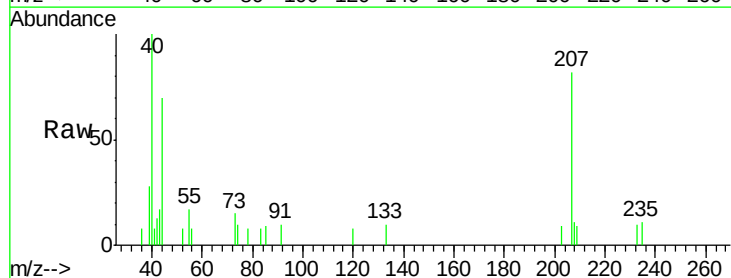
RT: 5.67 min Scan# 521

Delta R.T. 0.01 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

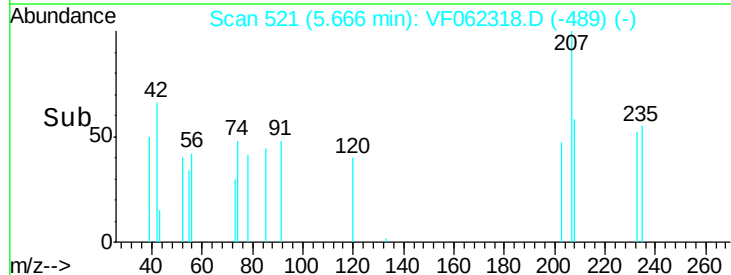
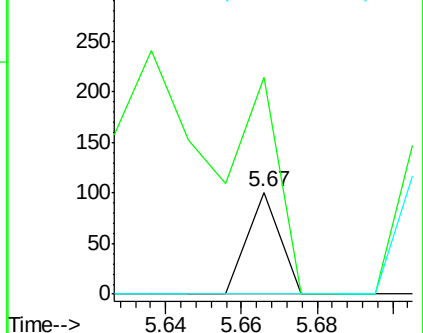
Tgt Ion:	83	Resp:	60
Ion	Ratio	Lower	Upper
83	100		
55	211.9	68.7	103.1#
98	0.0	37.4	56.2#

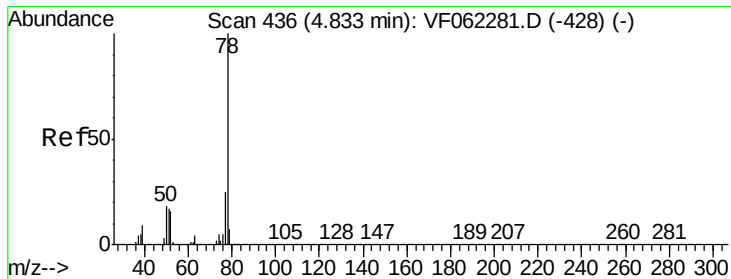


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 1.346 ug/l

RT: 4.82 min Scan# 435

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

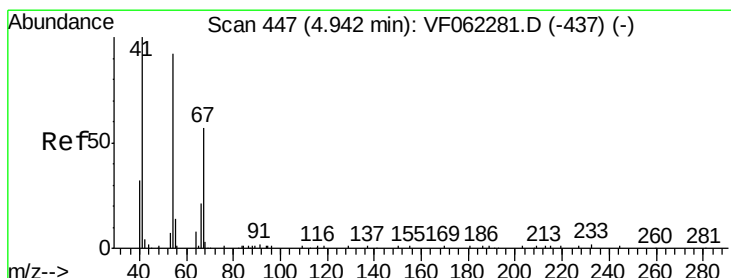
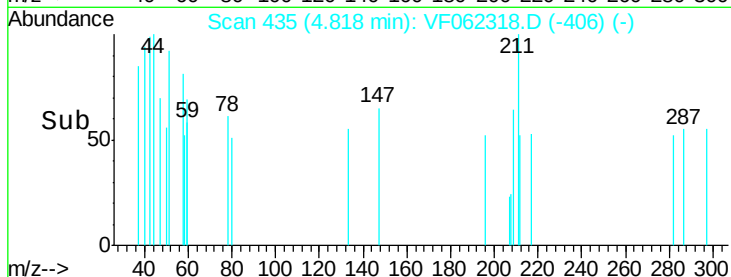
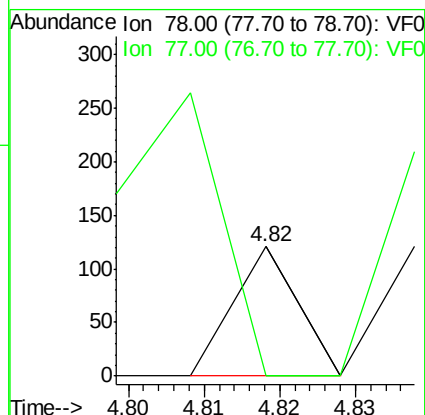
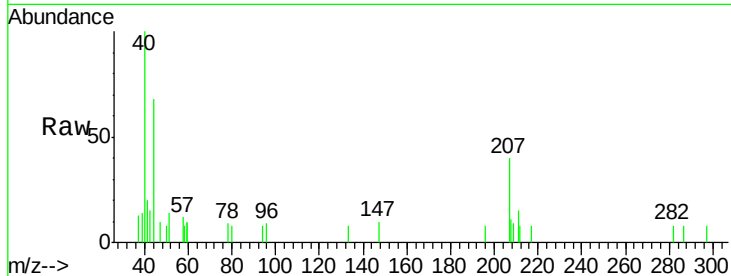
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 78 Resp: 72

Ion Ratio Lower Upper

78 100

77 0.0 19.7 29.5#



#41

Methacrylonitrile

Concen: 118.648 ug/l

RT: 4.90 min Scan# 443

Delta R.T. -0.04 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Tgt Ion: 41 Resp: 614

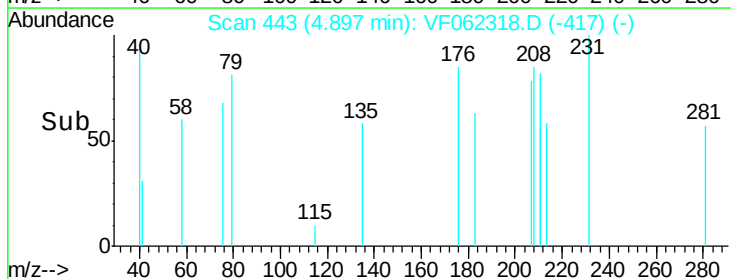
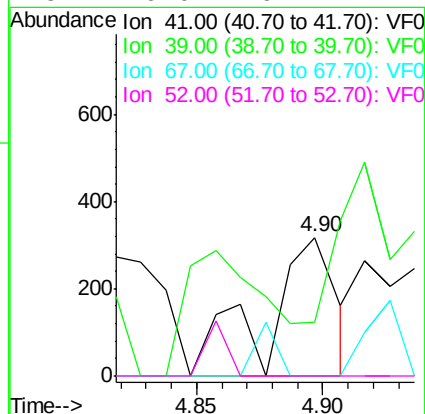
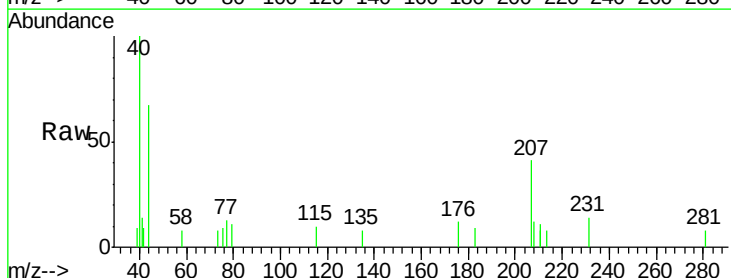
Ion Ratio Lower Upper

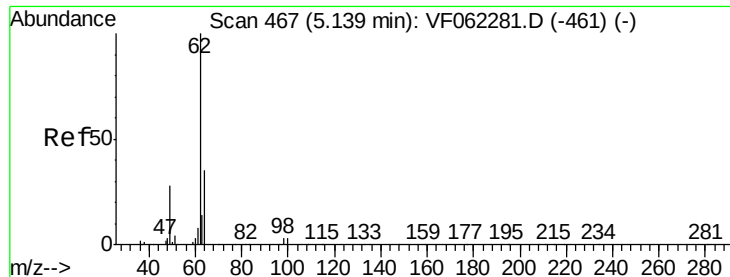
41 100

39 0.0 47.3 70.9#

67 11.7 41.3 61.9#

52 0.0 49.4 74.2#





#42

1,2-Dichloroethane

Concen: 9.972 ug/l

RT: 5.07 min Scan# 461

Delta R.T. -0.06 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

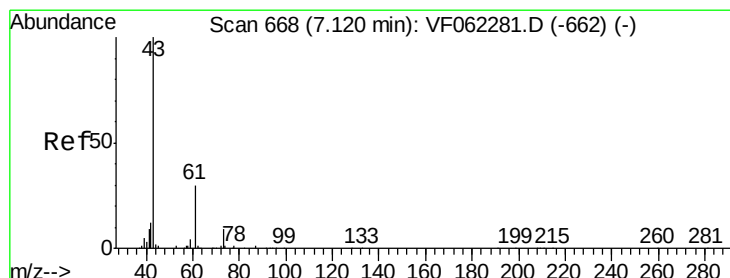
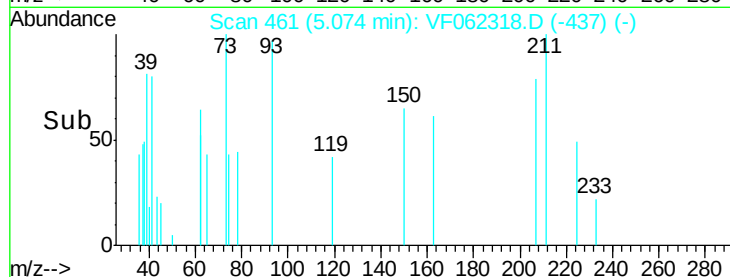
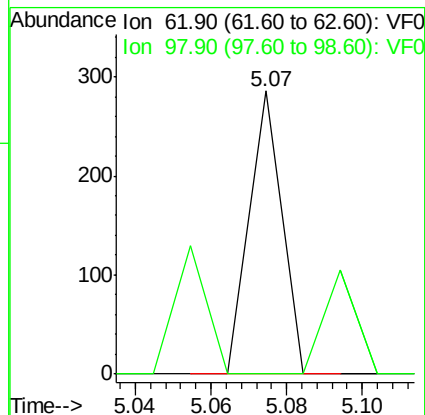
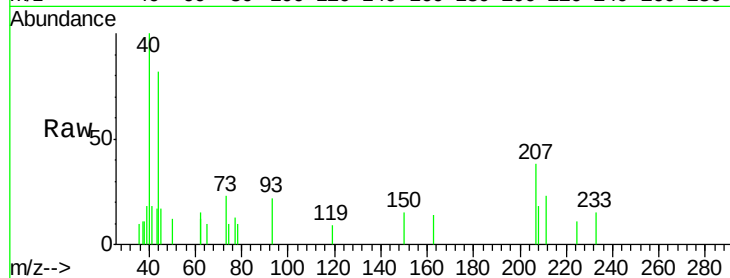
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 62 Resp: 169

Ion Ratio Lower Upper

62 100

98 45.0 0.0 16.8#



#43

Isopropyl Acetate

Concen: 66.068 ug/l

RT: 7.07 min Scan# 663

Delta R.T. -0.05 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

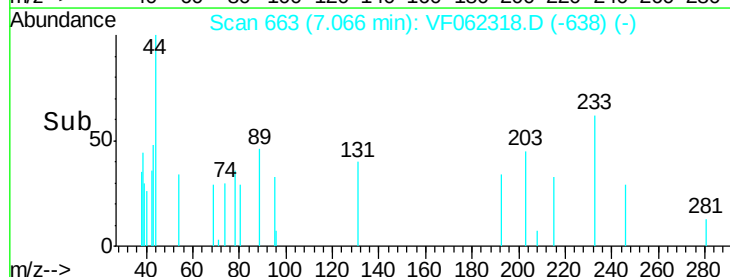
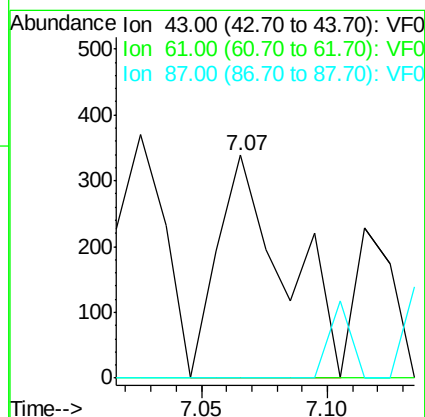
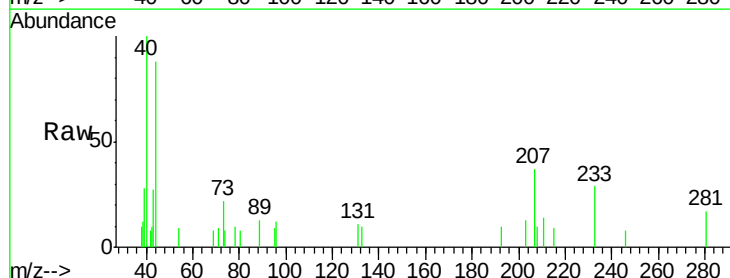
Tgt Ion: 43 Resp: 630

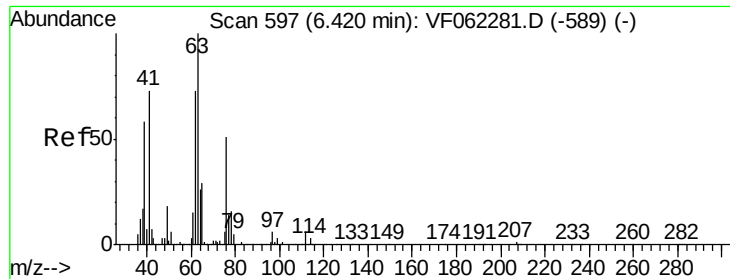
Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.6#

87 0.0 0.5 0.7#





#45

1,2-Dichloropropane

Concen: 6.633 ug/l

RT: 6.38 min Scan# 593

Delta R.T. -0.04 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

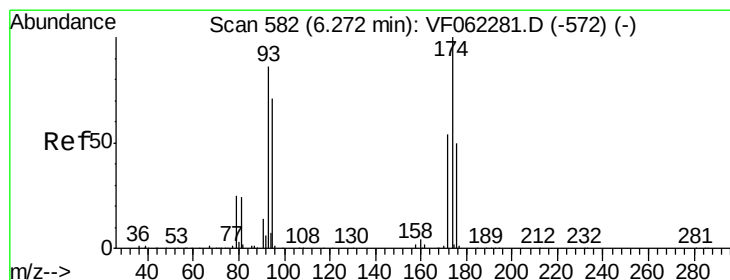
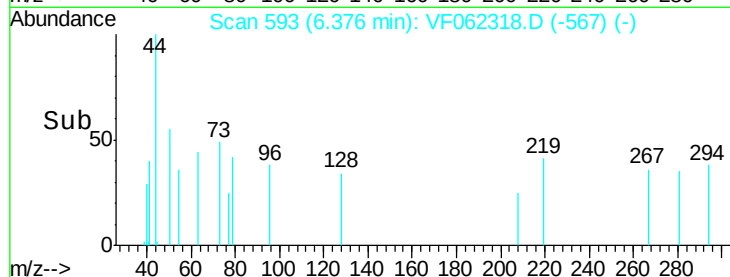
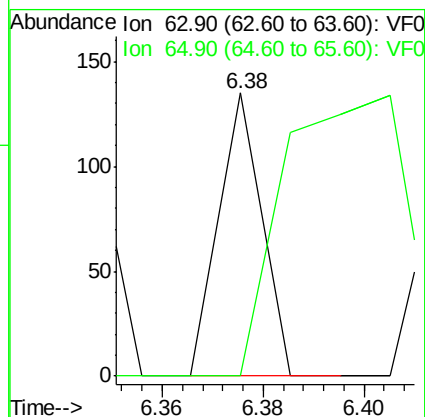
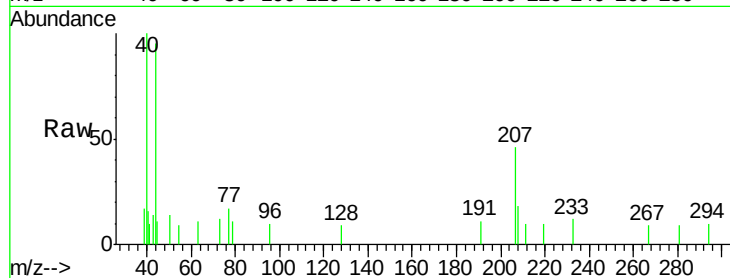
ClientSampled :

Tot Ion: 63 Resp: 80

Ion Ratio Lower Upper

63 100

65 0.0 23.5 35.3#



#46

Dibromomethane

Concen: 9.300 ug/l

RT: 6.41 min Scan# 596

Delta R.T. 0.13 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

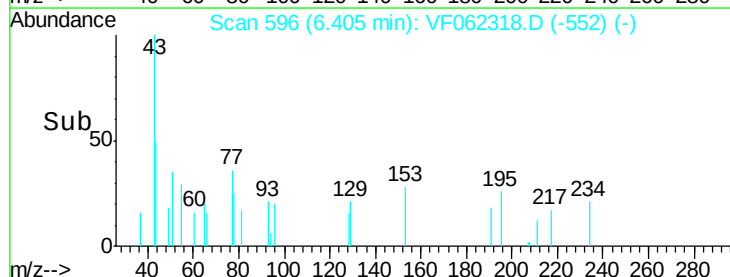
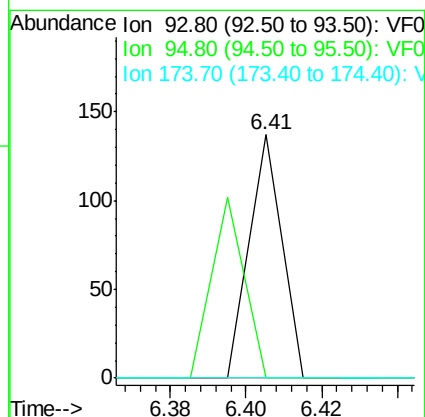
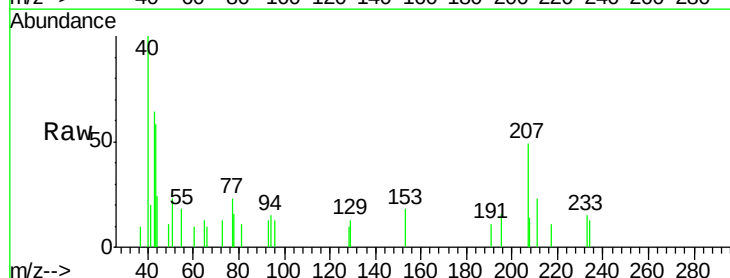
Tgt Ion: 93 Resp: 81

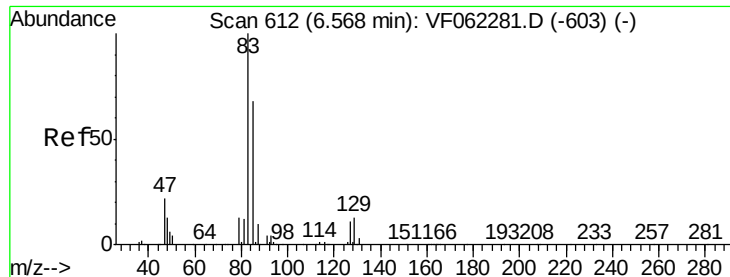
Ion Ratio Lower Upper

93 100

95 74.1 66.2 99.4

174 0.0 94.9 142.3#





#47

Bromodichloromethane

Concen: 3.810 ug/l

RT: 6.59 min Scan# 615

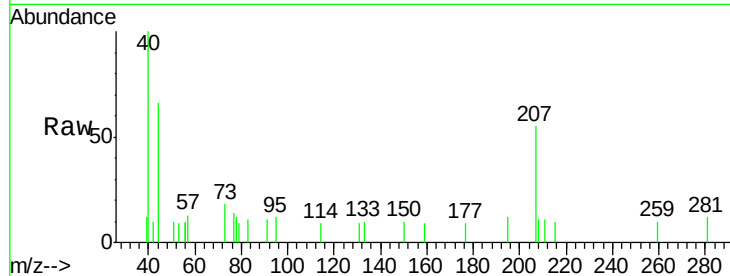
Delta R.T. 0.02 min

Lab File: VF062318.D

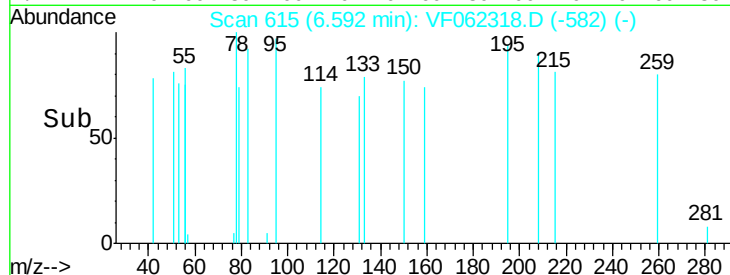
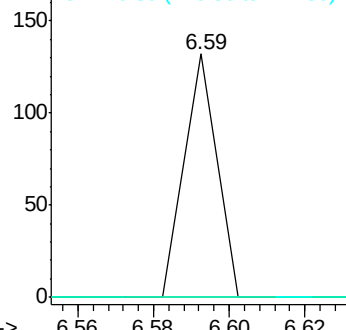
Acq: 29 Apr 2019 17:47

Instrument :
MSVOA_F
ClientSampleId :

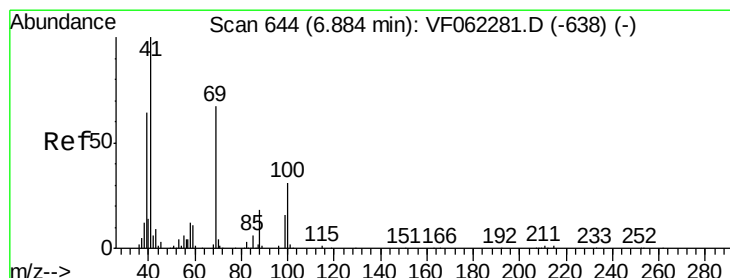
Tot Ion:	83	Resp:	78
Ion	Ratio	Lower	Upper
83	100		
85	0.0	54.6	81.8#
127	0.0	8.7	13.1#



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0
Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 70.480 ug/l

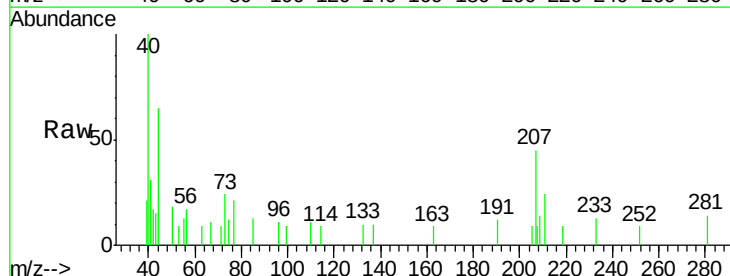
RT: 6.82 min Scan# 638

Delta R.T. -0.06 min

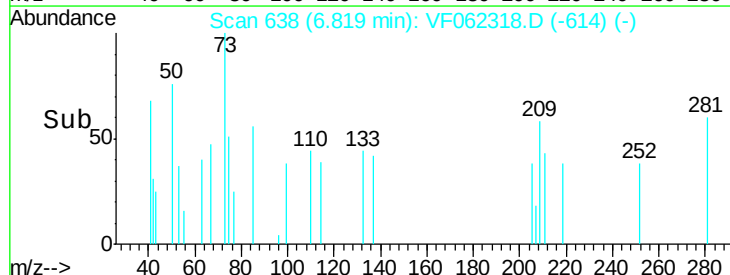
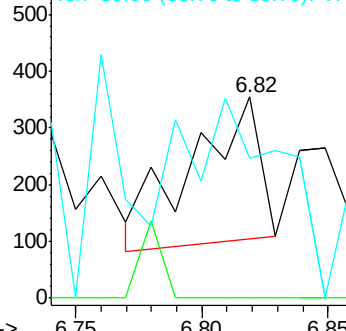
Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

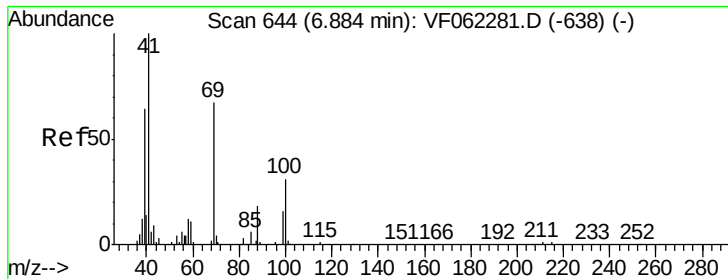
Tgt Ion:	41	Resp:	481
Ion	Ratio	Lower	Upper
41	100		
69	0.0	53.4	80.2#
39	200.2	50.9	76.3#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0



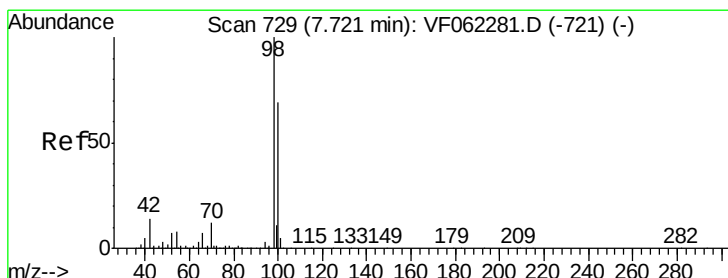
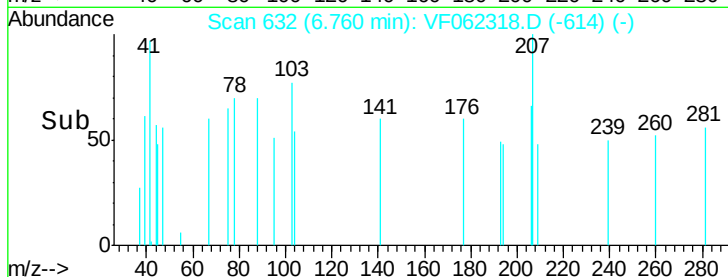
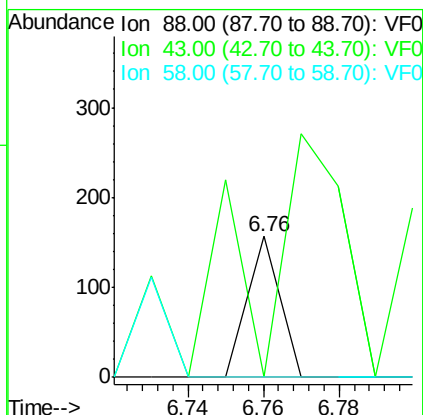
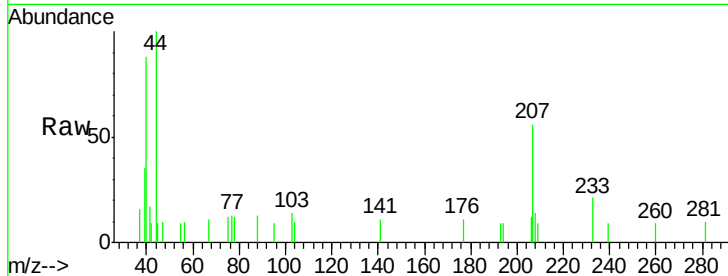
Time-->



#49
1,4-Dioxane
Concen: 1183.426 ug/l
RT: 6.76 min Scan# 632
Delta R.T. -0.12 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

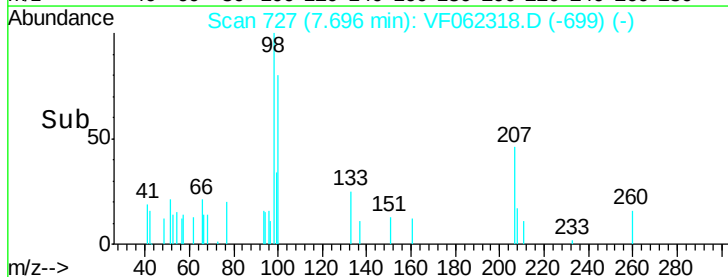
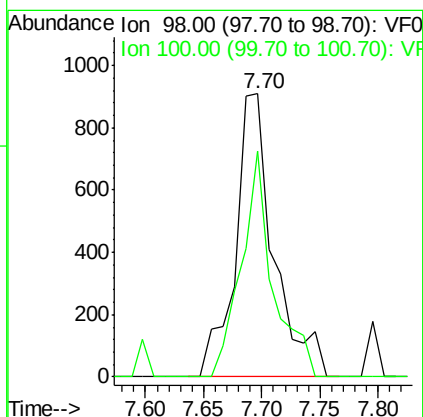
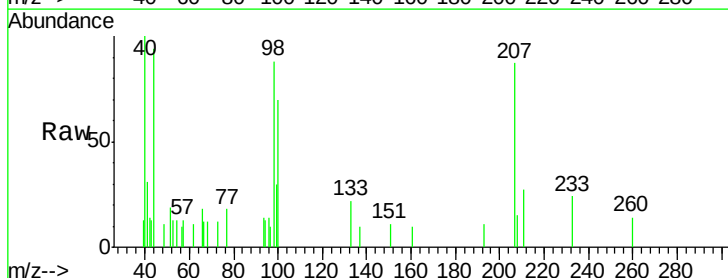
Instrument :
MSVOA_F
ClientSampled :

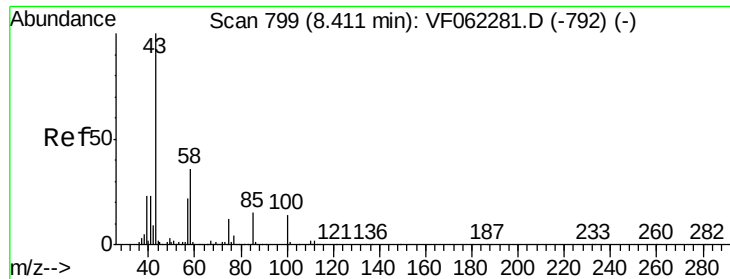
Tot Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
43 519.4 34.2 51.4#
58 0.0 50.7 76.1#



#50
Toluene-d8
Concen: 48.107 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 98 Resp: 2091
Ion Ratio Lower Upper
98 100
100 65.2 54.4 81.6

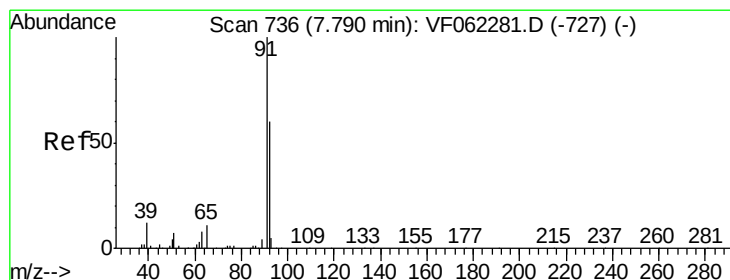
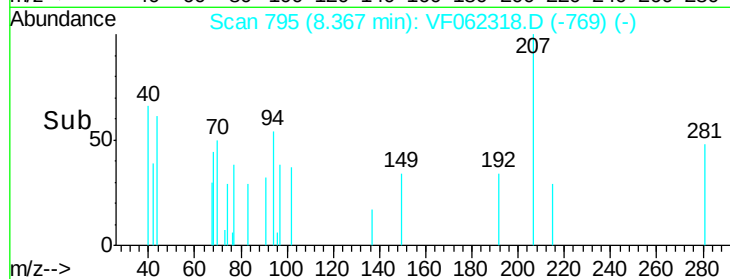
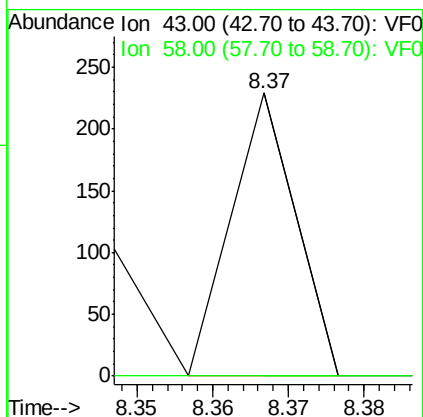
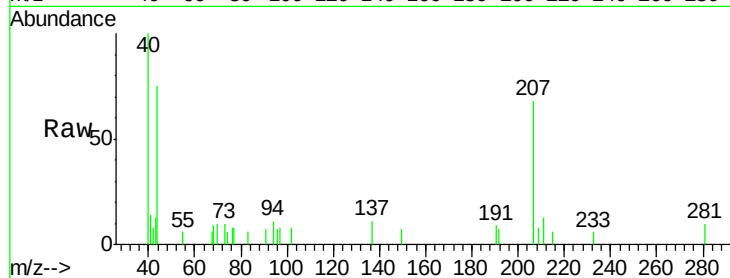




#51
4-Methyl-2-Pentanone
Concen: 18.393 ug/l
RT: 8.37 min Scan# 795
Delta R.T. -0.04 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

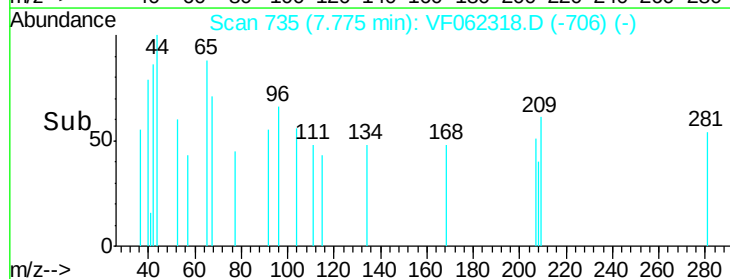
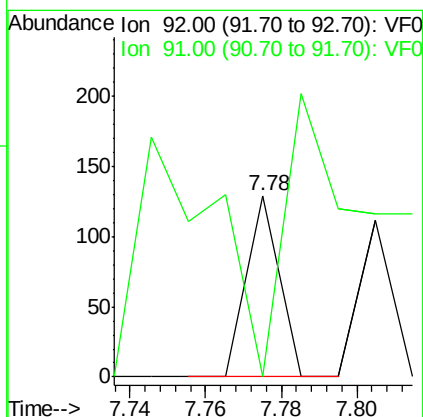
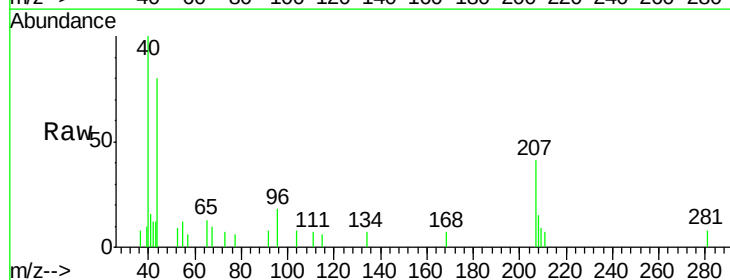
Instrument :
MSVOA_F
ClientSampleId :

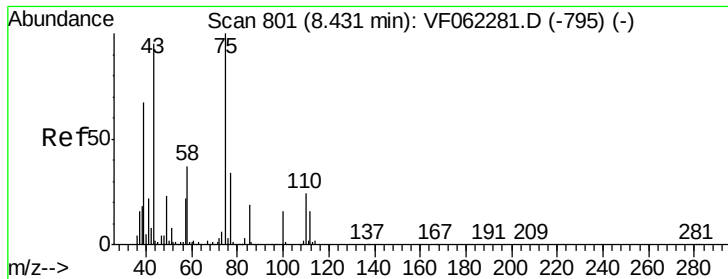
Tot Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#



#52
Toluene
Concen: 2.462 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.02 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 92 Resp: 76
Ion Ratio Lower Upper
92 100
91 431.6 132.5 198.7#





#53

t-1,3-Dichloropropene

Concen: 17.535 ug/l

RT: 8.38 min Scan# 796

Delta R.T. -0.05 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

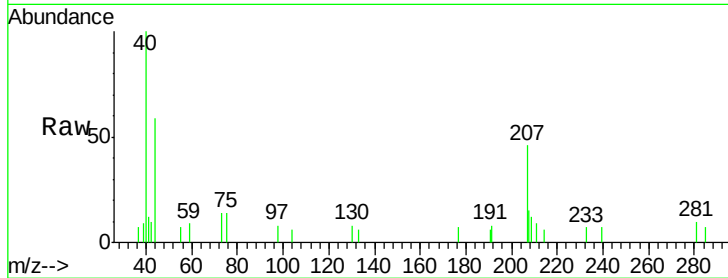
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 264

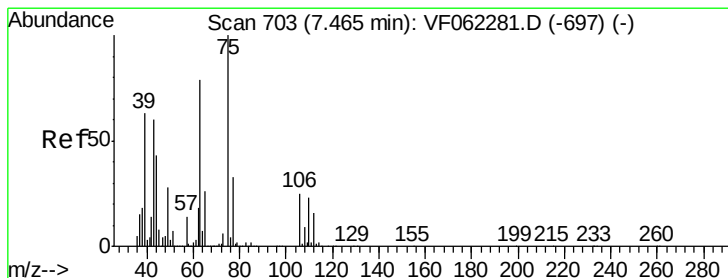
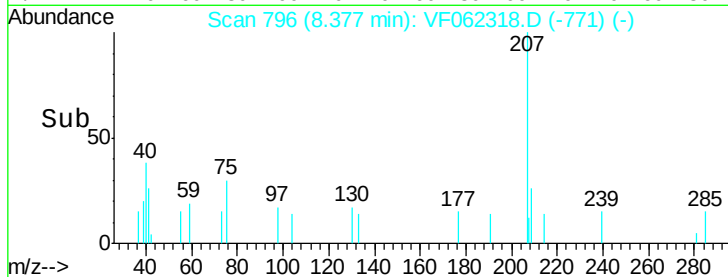
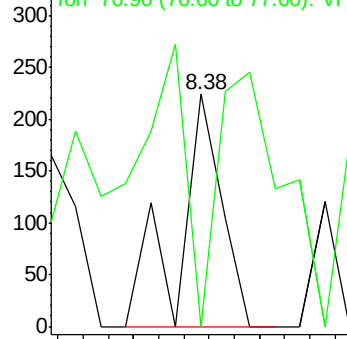
Ion Ratio Lower Upper

75 100

77 0.0 26.9 40.3#



Abundance Ion 74.90 (74.60 to 75.60): VF0
Ion 76.90 (76.60 to 77.60): VF0



#54

cis-1,3-Dichloropropene

Concen: 19.806 ug/l

RT: 7.33 min Scan# 690

Delta R.T. -0.13 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

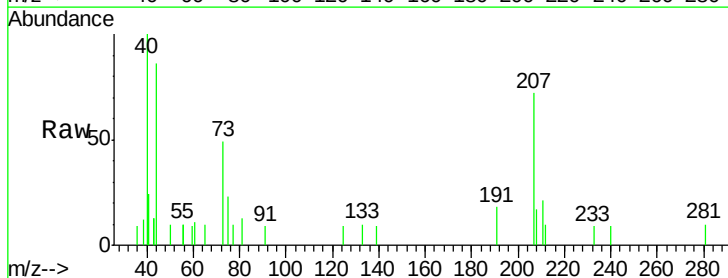
Tgt Ion: 75 Resp: 382

Ion Ratio Lower Upper

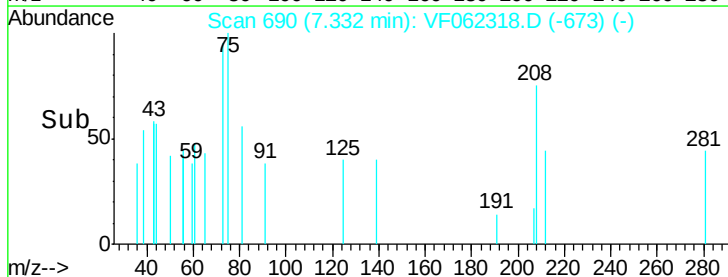
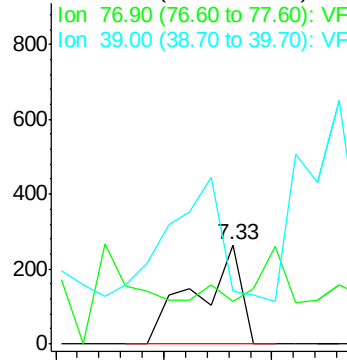
75 100

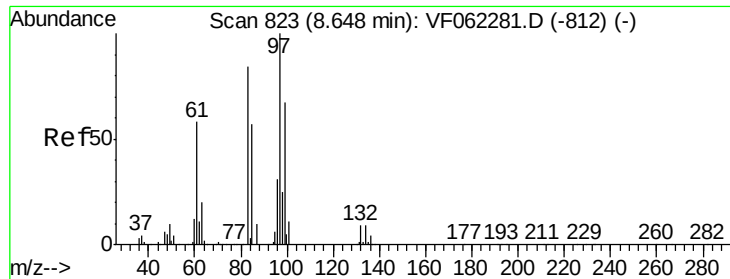
77 0.0 26.5 39.7#

39 10.2 50.2 75.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0
Ion 76.90 (76.60 to 77.60): VF0
Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 7.072 ug/l

RT: 8.55 min Scan# 814

Delta R.T. -0.09 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

Tot Ion: 97 Resp: 62

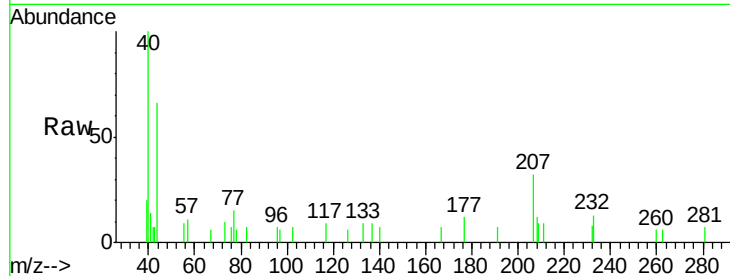
Ion Ratio Lower Upper

97 100

83 114.3 67.5 101.3#

85 0.0 45.3 67.9#

99 0.0 53.4 80.0#

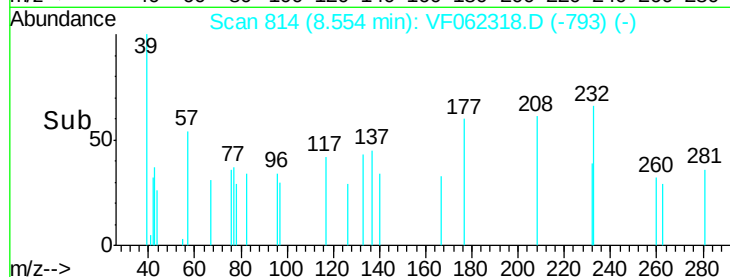
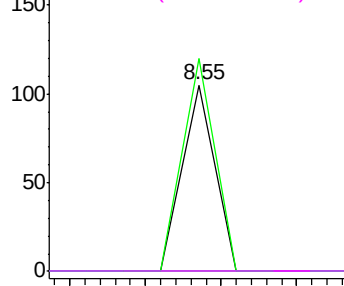


Abundance Ion 96.90 (96.60 to 97.60): VF0

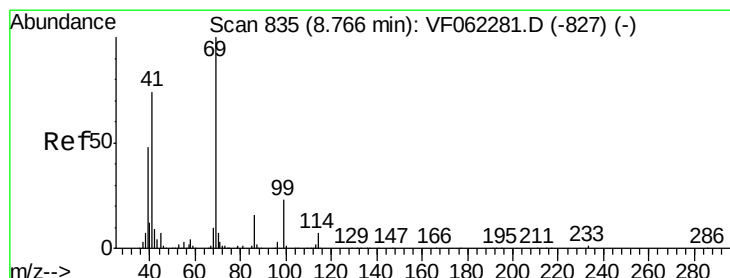
Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



Time-->



#56

Ethyl methacrylate

Concen: 15.678 ug/l

RT: 8.70 min Scan# 829

Delta R.T. -0.06 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

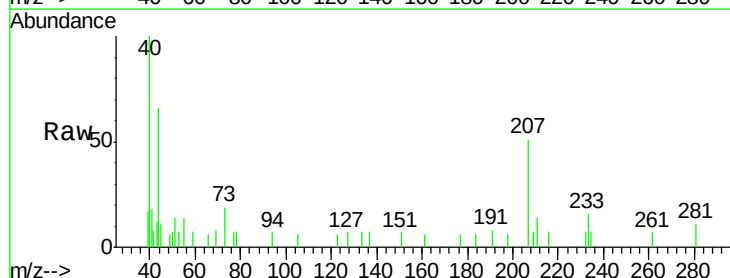
Tgt Ion: 69 Resp: 151

Ion Ratio Lower Upper

69 100

41 327.8 61.5 92.3#

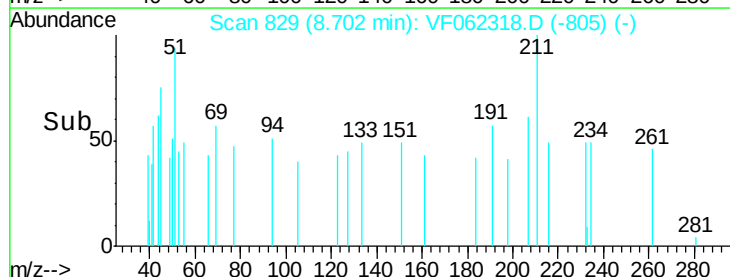
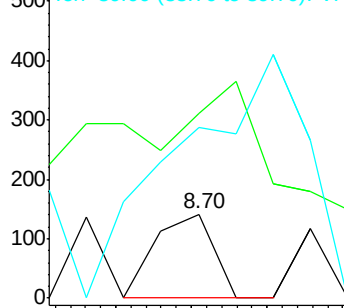
39 639.1 37.9 56.9#

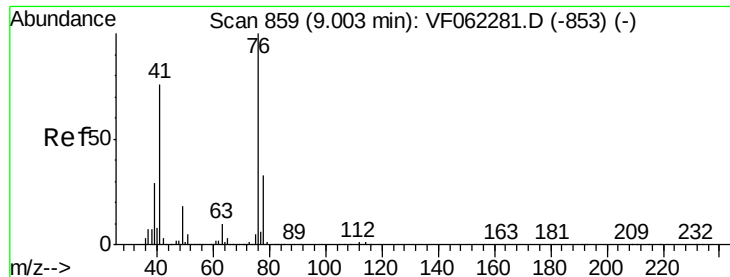


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 4.353 ug/l

RT: 8.98 min Scan# 857

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

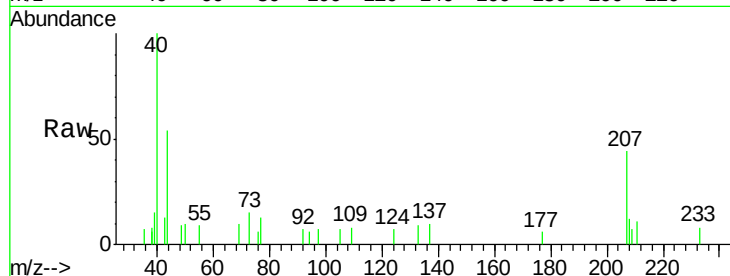
ClientSampleId :

Tot Ion: 76 Resp: 60

Ion Ratio Lower Upper

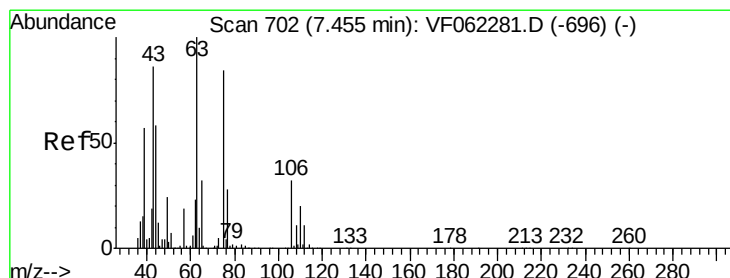
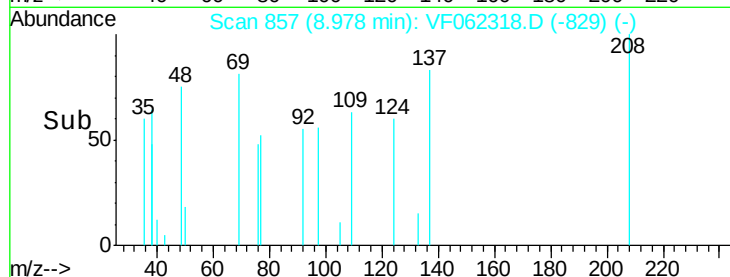
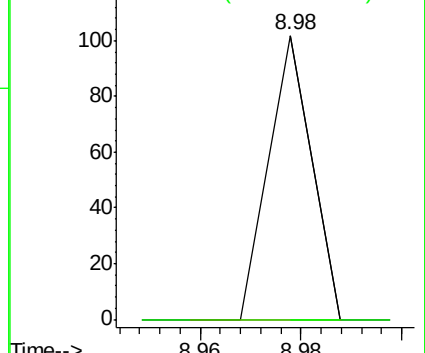
76 100

78 0.0 27.0 40.6#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 51.863 ug/l

RT: 7.43 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF062318.D

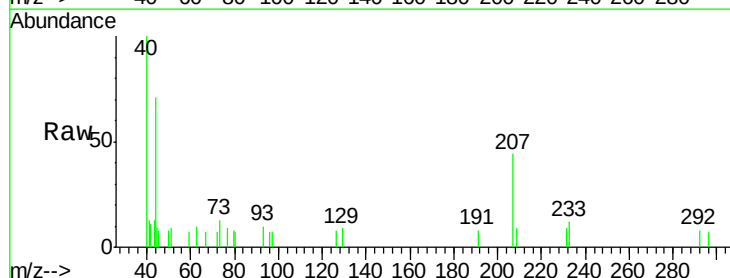
Acq: 29 Apr 2019 17:47

Tgt Ion: 63 Resp: 152

Ion Ratio Lower Upper

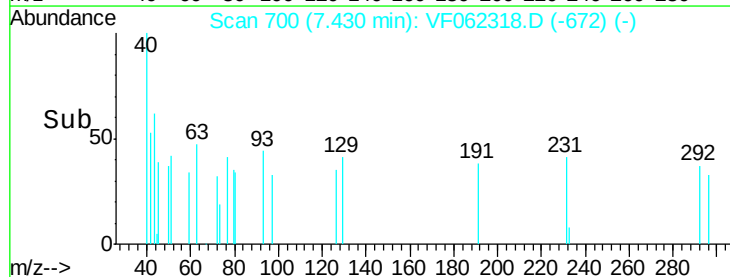
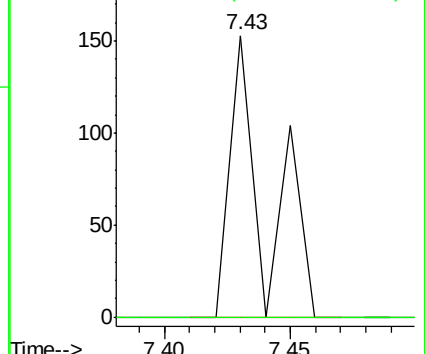
63 100

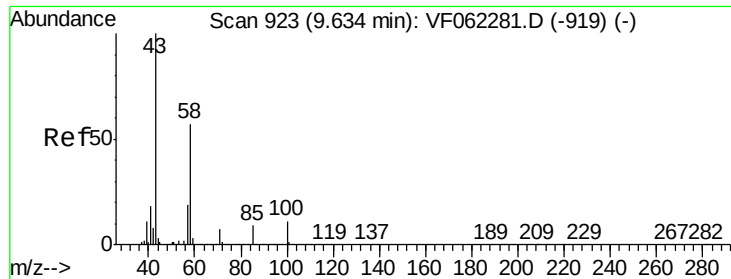
106 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

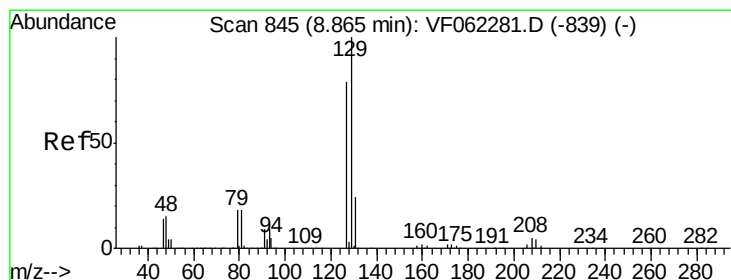
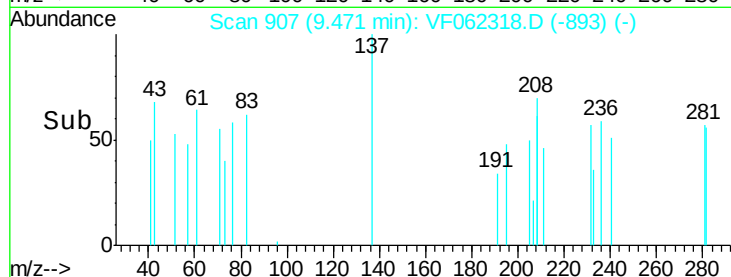
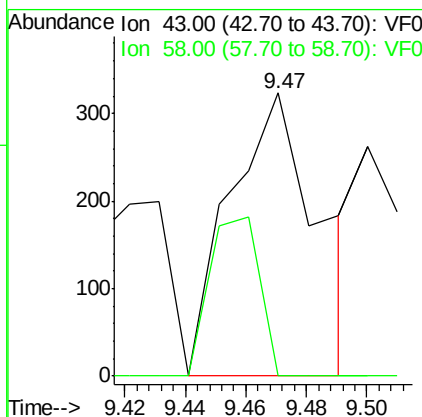
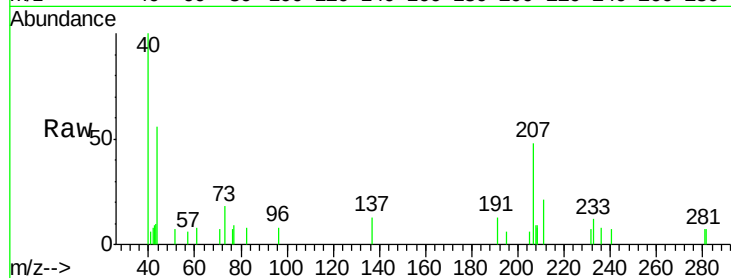




#59
2-Hexanone
Concen: 139.953 ug/l
RT: 9.47 min Scan# 907
Delta R.T. -0.16 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

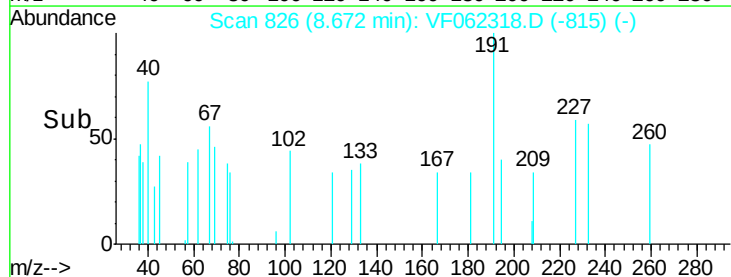
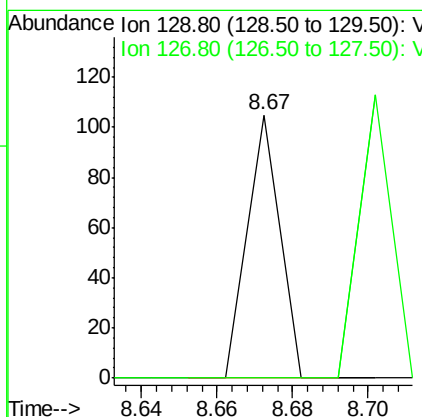
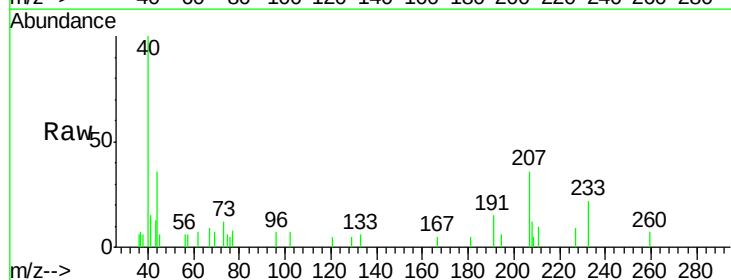
Instrument :
MSVOA_F
ClientSampleId :

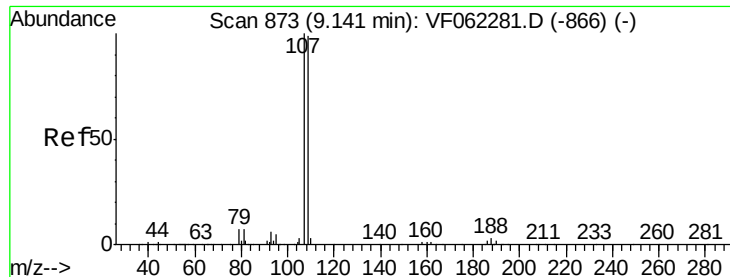
Tot Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 31.9 24.9 74.7



#60
Dibromochloromethane
Concen: 4.357 ug/l
RT: 8.67 min Scan# 826
Delta R.T. -0.19 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 129 Resp: 62
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#61

1,2-Dibromoethane

Concen: 6.504 ug/l

RT: 9.21 min Scan# 881

Delta R.T. 0.07 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

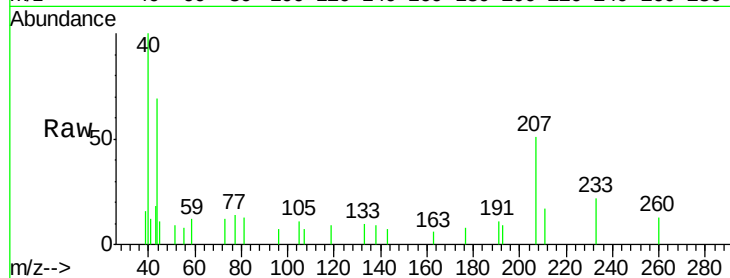
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 107 Resp: 66

Ion Ratio Lower Upper

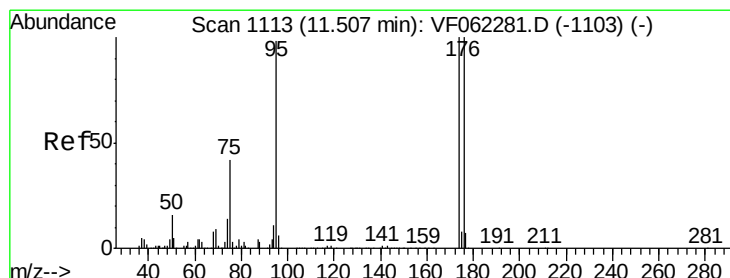
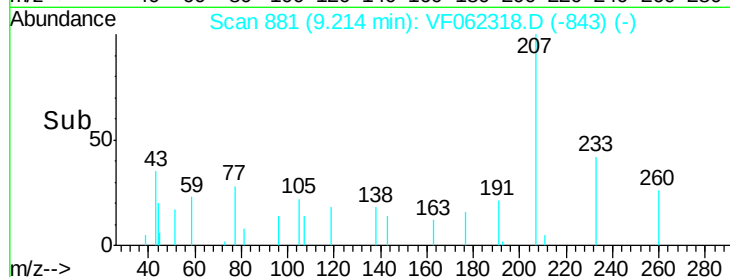
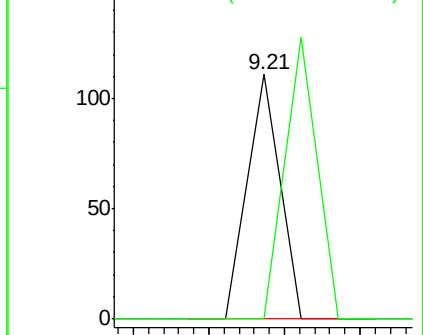
107 100

109 115.2 78.7 118.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 3.684 ug/l

RT: 11.43 min Scan# 1106

Delta R.T. -0.07 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

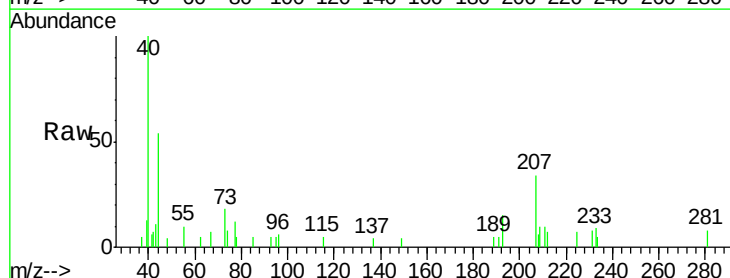
Tgt Ion: 95 Resp: 66

Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.2

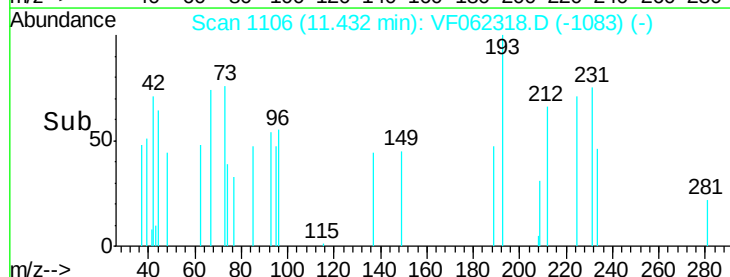
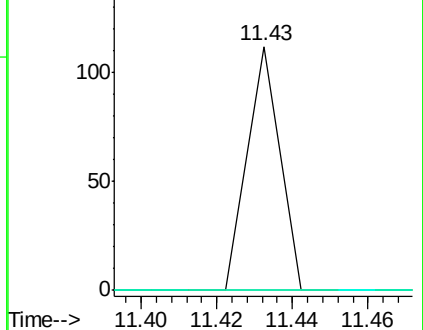
176 0.0 0.0 184.8

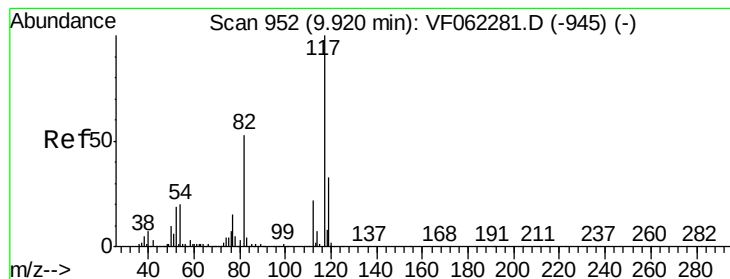


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.03 min

Lab File: VF062318.D

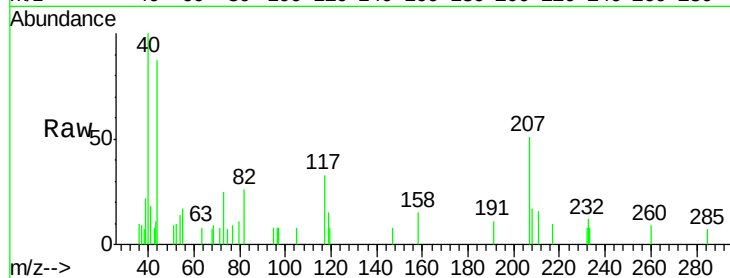
Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

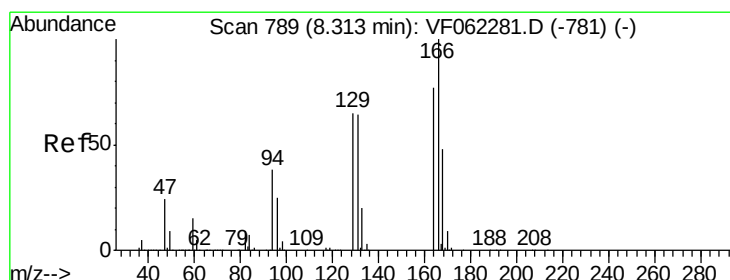
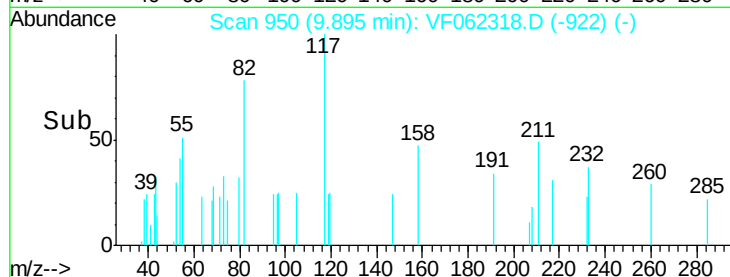
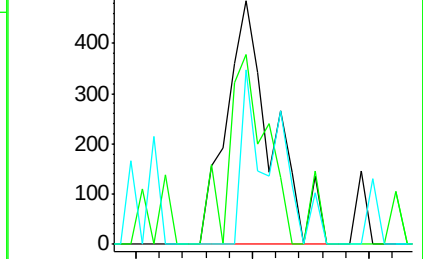
Tot Ion:117	Resp:	1313
Ion Ratio	Lower	Upper
117	100	
82	77.9	42.6 64.0#
119	71.5	26.1 39.1#



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



#64

Tetrachloroethene

Concen: 7.011 ug/l

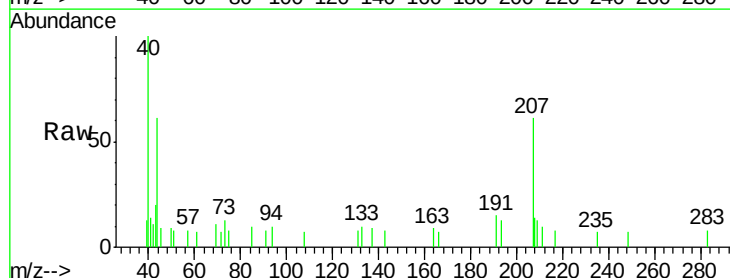
RT: 8.28 min Scan# 786

Delta R.T. -0.03 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Tgt Ion:164	Resp:	77
Ion Ratio	Lower	Upper
164	100	
166	80.8	103.5 155.3#
129	0.0	67.6 101.4#
131	10.0	66.1 99.1#

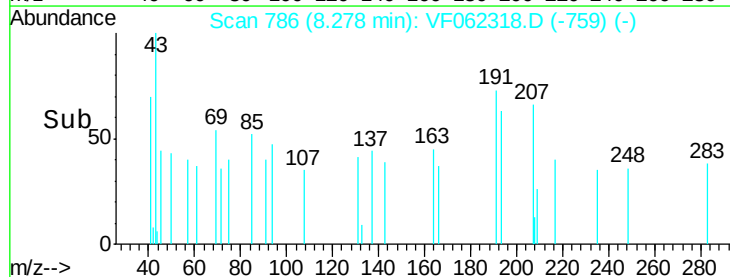
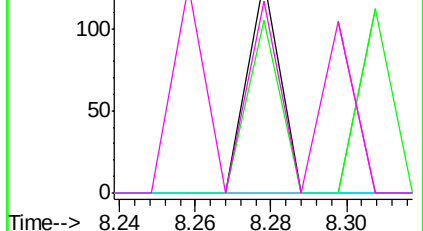


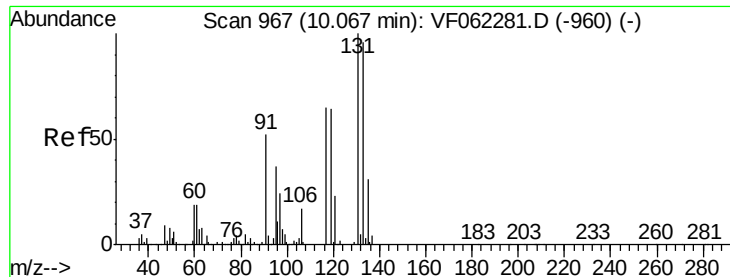
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#66

1,1,1,2-Tetrachloroethane

Concen: 6.725 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.02 min

Lab File: VF062318.D

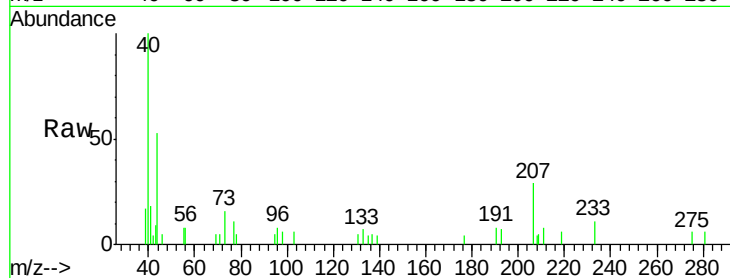
Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

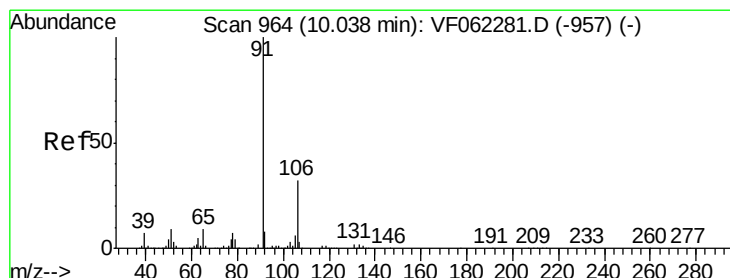
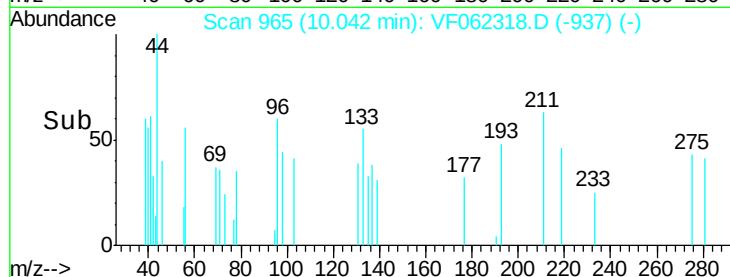
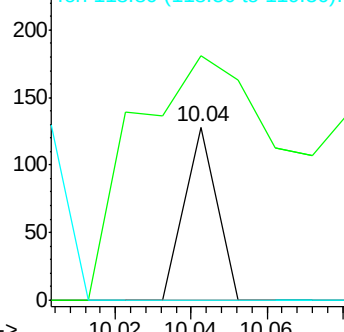
Tot Ion:	131	Resp:	76
Ion	Ratio	Lower	Upper
131	100		
133	761.8	48.5	145.5#
119	0.0	32.9	98.7#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 15.391 ug/l

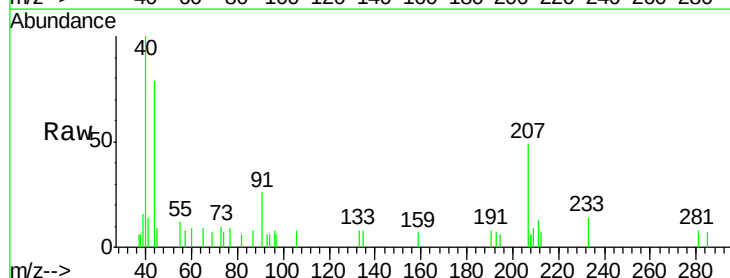
RT: 10.02 min Scan# 963

Delta R.T. -0.02 min

Lab File: VF062318.D

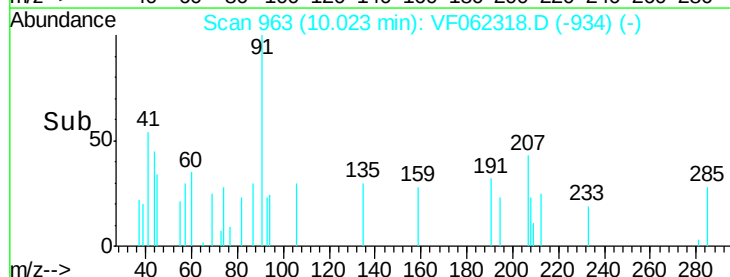
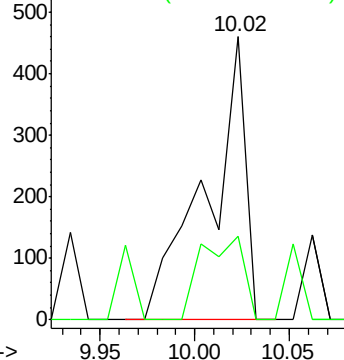
Acq: 29 Apr 2019 17:47

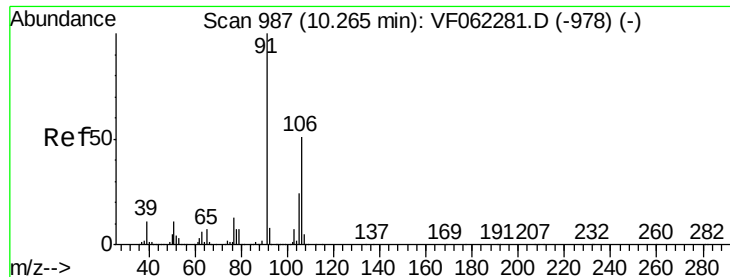
Tgt Ion:	91	Resp:	642
Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.6	38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

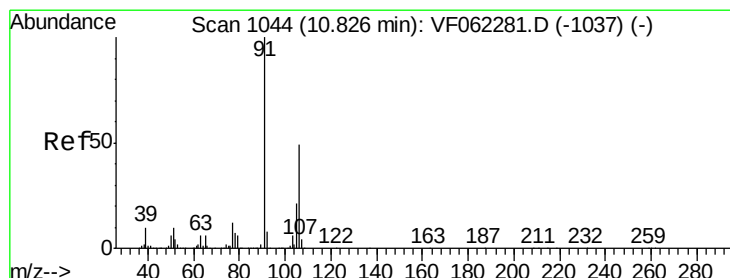
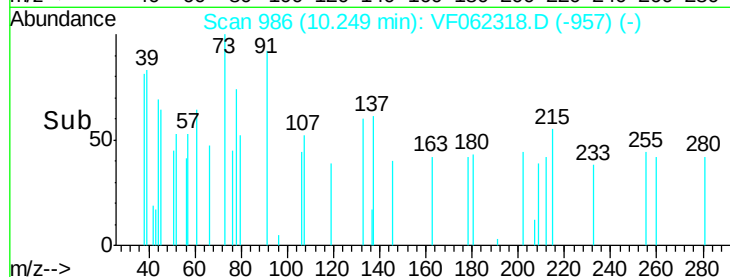
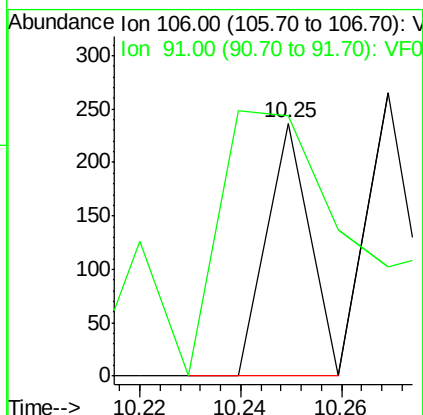
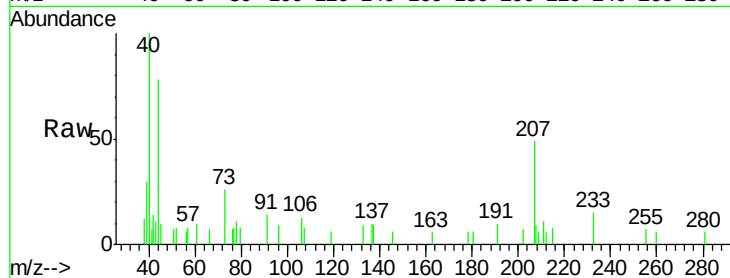




#68
m/p-Xylenes
Concen: 9.015 ug/l
RT: 10.25 min Scan# 986
Delta R.T. -0.02 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

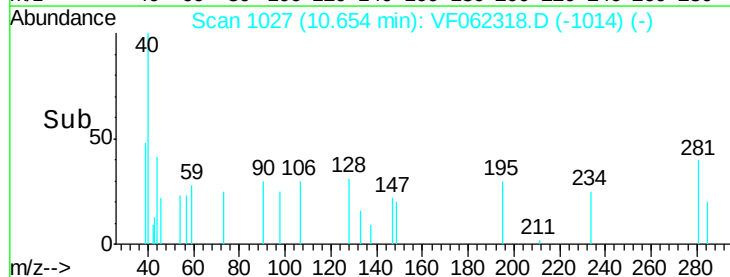
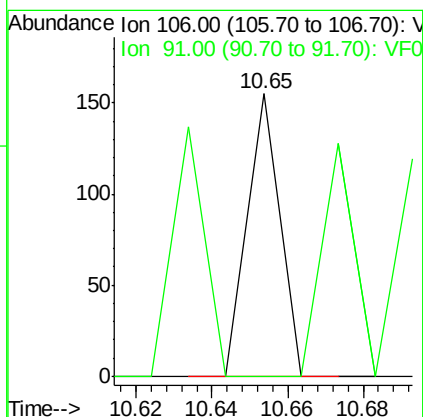
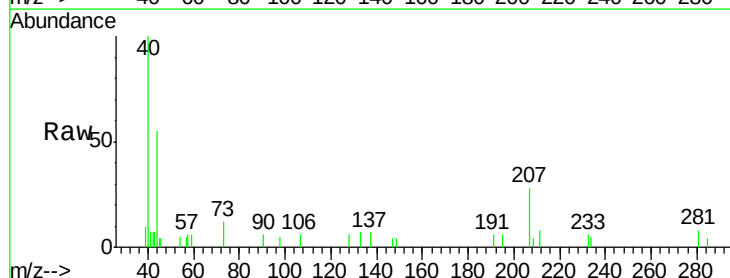
Instrument :
MSVOA_F
ClientSampled :

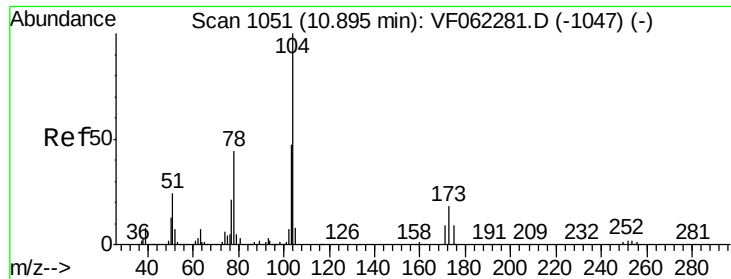
Tot Ion:106 Resp: 140
Ion Ratio Lower Upper
106 100
91 411.4 158.3 237.5#



#69
o-Xylene
Concen: 5.302 ug/l
RT: 10.65 min Scan# 1027
Delta R.T. -0.17 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion:106 Resp: 92
Ion Ratio Lower Upper
106 100
91 88.0 110.0 330.0#





#70

Stvrene

Concen: 2.990 ug/l

RT: 10.92 min Scan# 1054

Delta R.T. 0.02 min

Lab File: VF062318.D

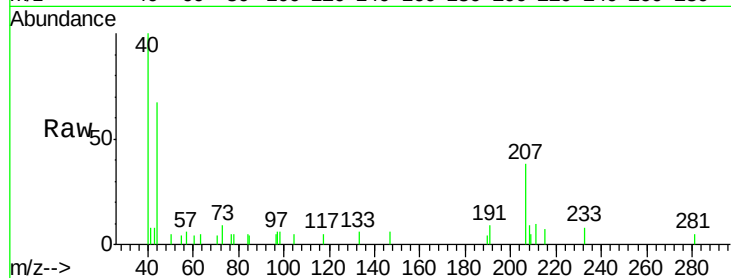
Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

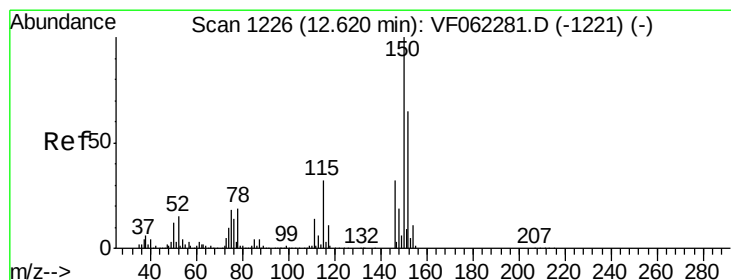
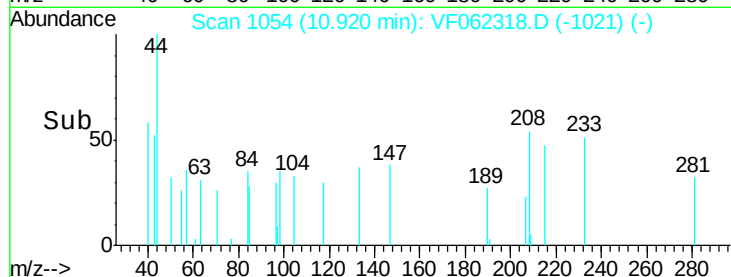
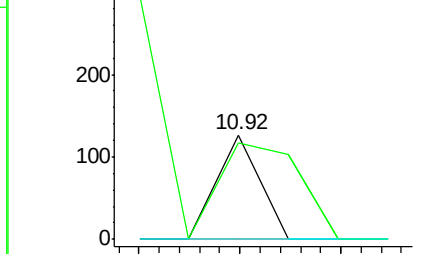
Tot Ion:	104	Resp:	75
Ion	Ratio	Lower	Upper
104	100		
78	525.3	35.9	53.9#
103	0.0	37.5	56.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

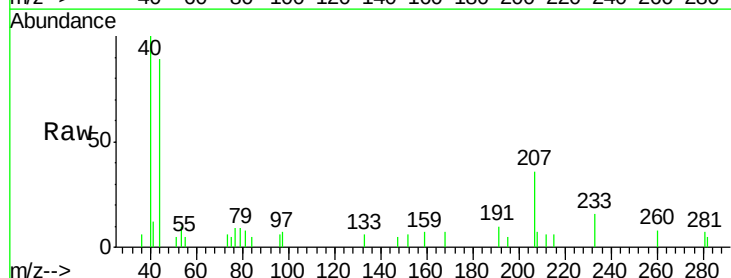
RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

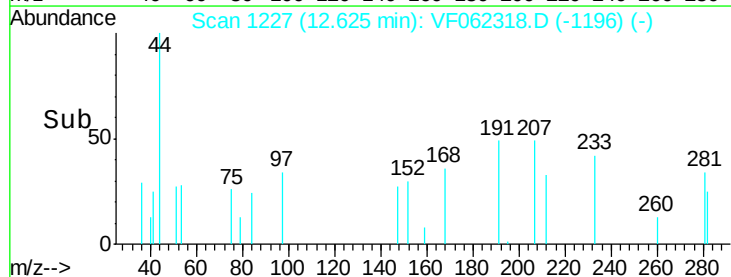
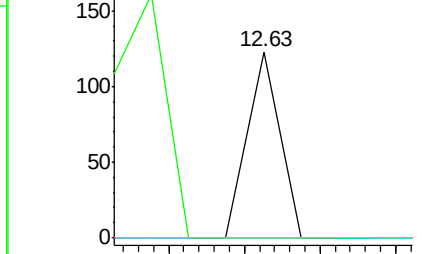
Tgt Ion:	152	Resp:	73
Ion	Ratio	Lower	Upper
152	100		
115	0.0	25.6	76.8#
150	0.0	0.0	330.6

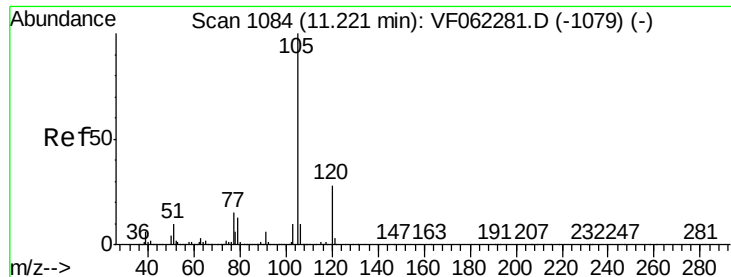


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 105.767 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

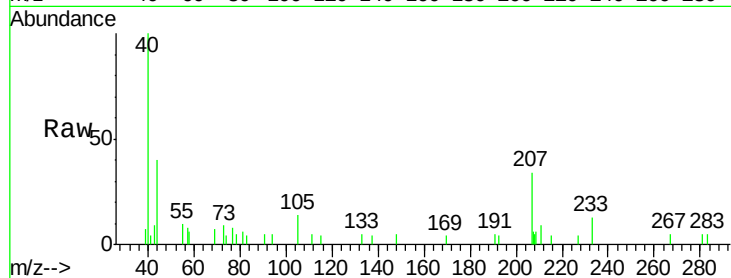
ClientSampleId :

Tot Ion:105 Resp: 529

Ion Ratio Lower Upper

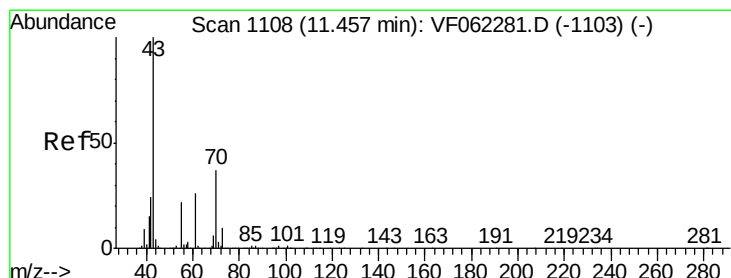
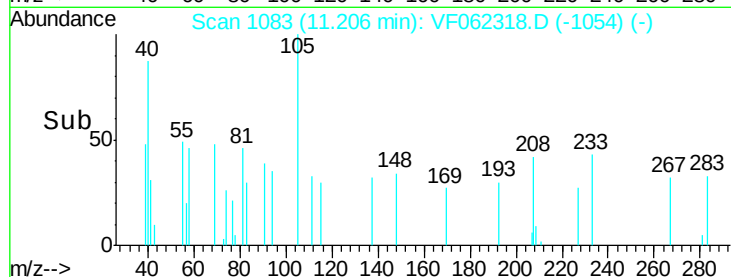
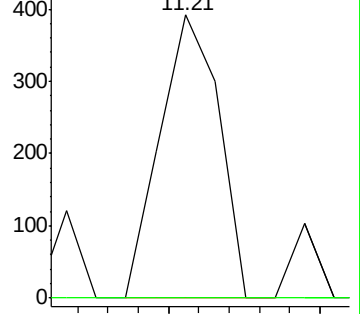
105 100

120 0.0 12.4 37.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-aryl acetate

Concen: 793.987 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Tgt Ion: 43 Resp: 915

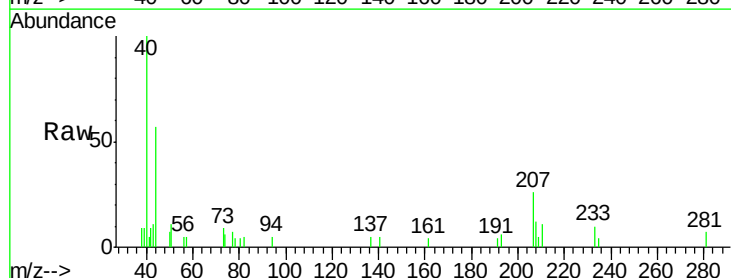
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.8#

55 0.0 16.6 24.8#

61 0.0 20.0 30.0#

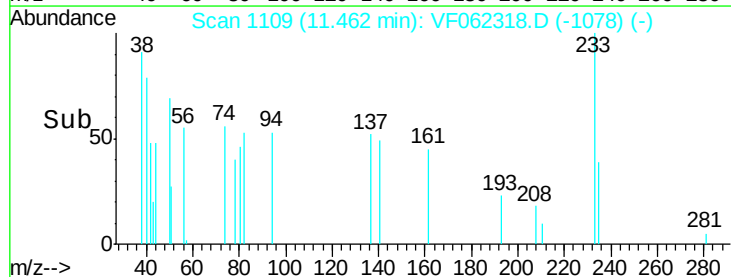
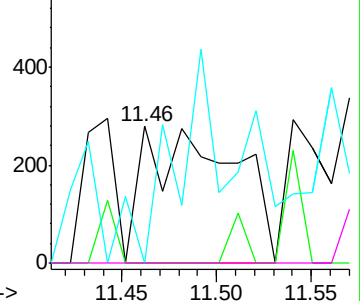


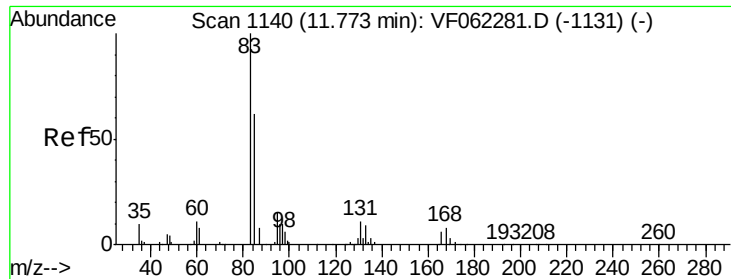
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 123.329 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.03 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

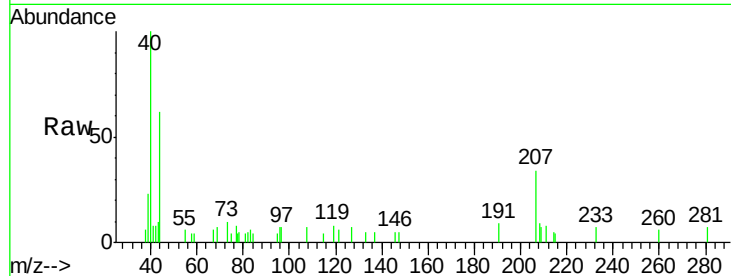
Tot Ion: 83 Resp: 98

Ion Ratio Lower Upper

83 100

131 72.4 5.5 16.5#

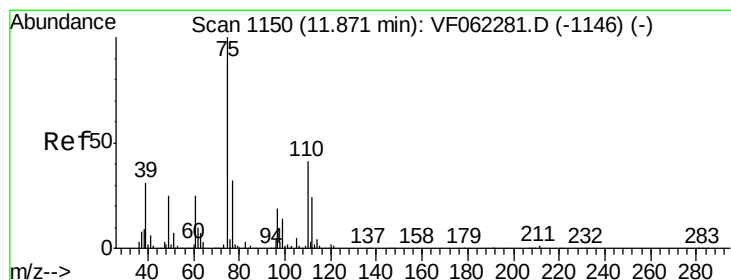
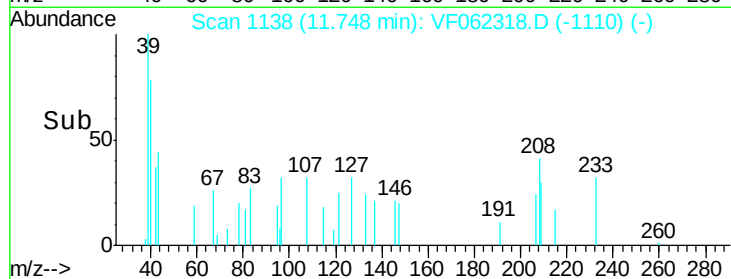
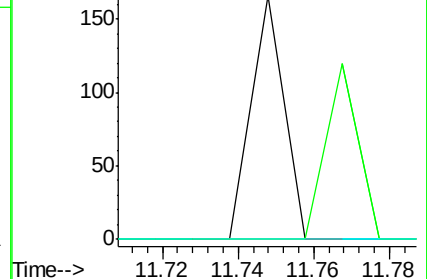
85 0.0 34.5 103.6#



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 248.323 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. -0.04 min

Lab File: VF062318.D

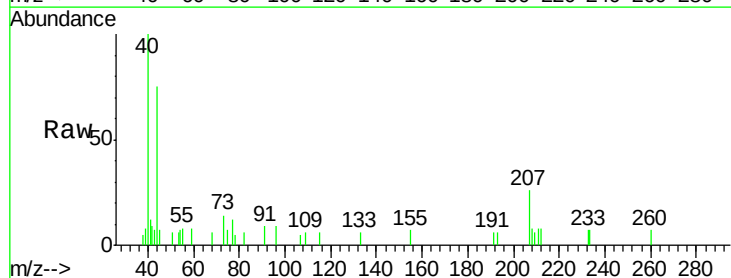
Acq: 29 Apr 2019 17:47

Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

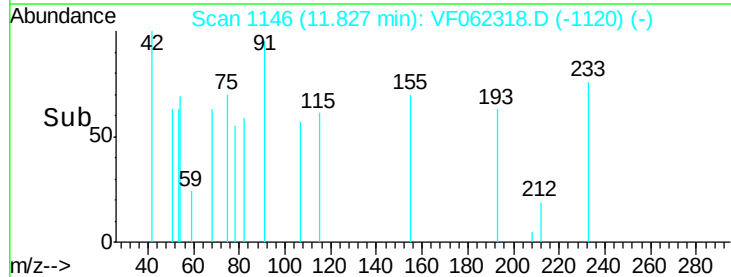
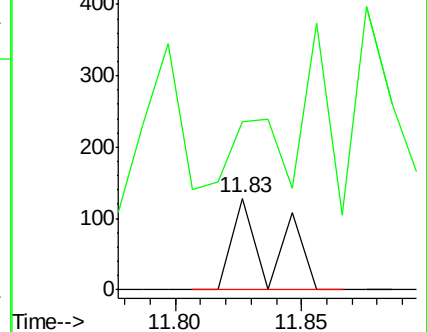
75 100

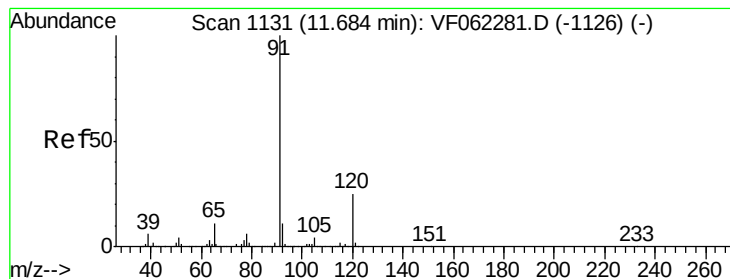
77 82.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#78

n-propylbenzene

Concen: 34.773 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. 0.14 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

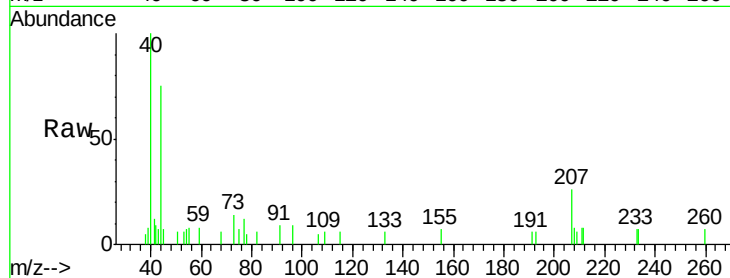
ClientSampleId :

Tot Ion: 91 Resp: 183

Ion Ratio Lower Upper

91 100

120 34.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

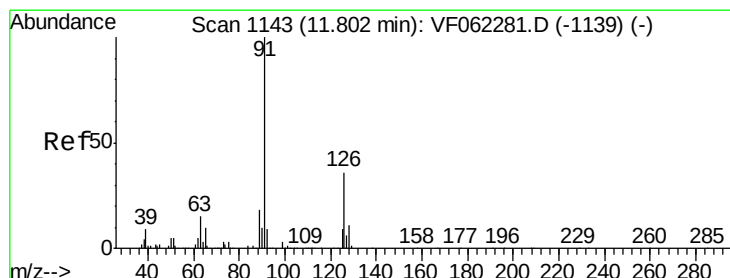
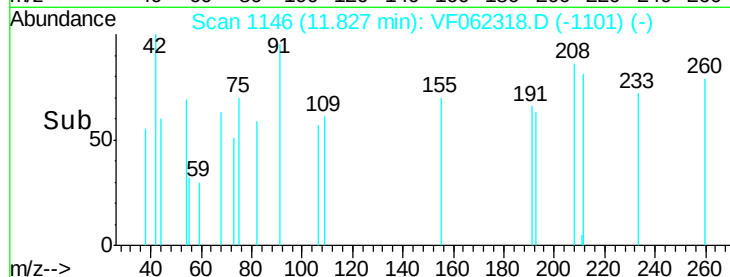
Ion 120.00 (119.70 to 120.70): V

11.83

11.82

11.84

Time-->



#79

2-Chlorotoluene

Concen: 78.865 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.03 min

Lab File: VF062318.D

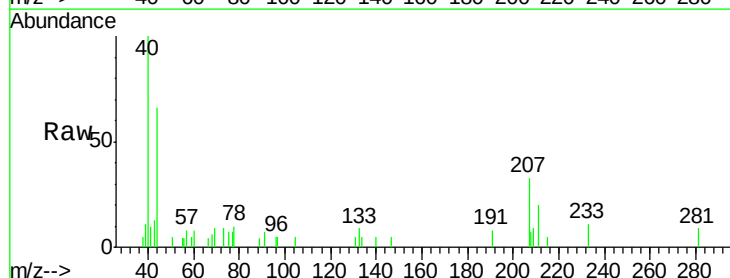
Acq: 29 Apr 2019 17:47

Tgt Ion: 91 Resp: 250

Ion Ratio Lower Upper

91 100

126 33.2 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

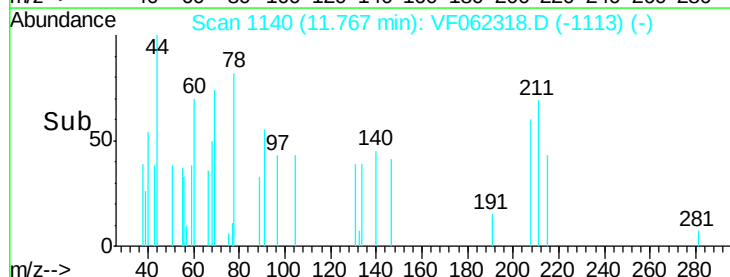
Ion 125.90 (125.60 to 126.60): V

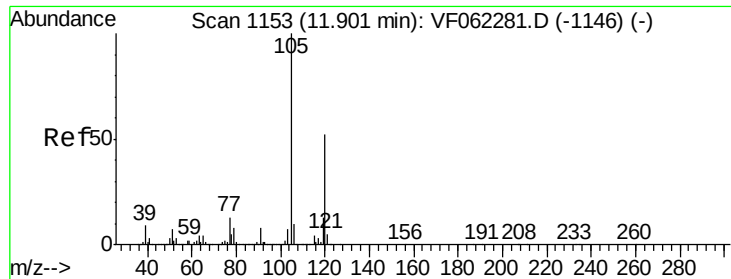
11.77

11.75

11.80

Time-->



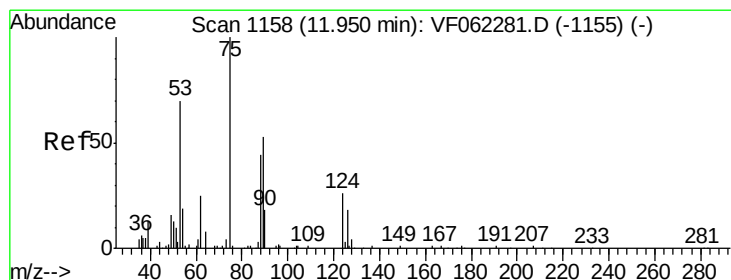
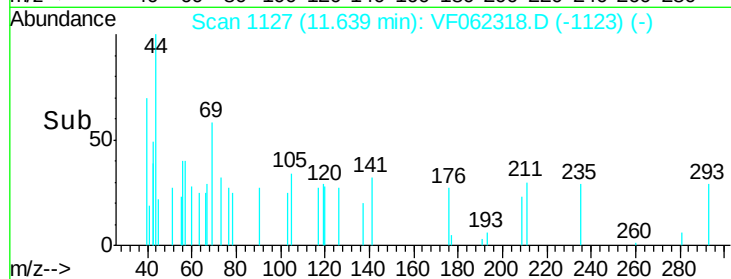
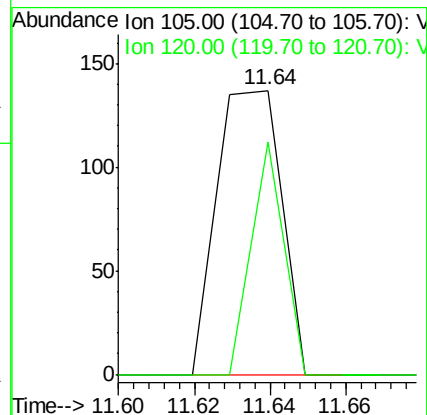
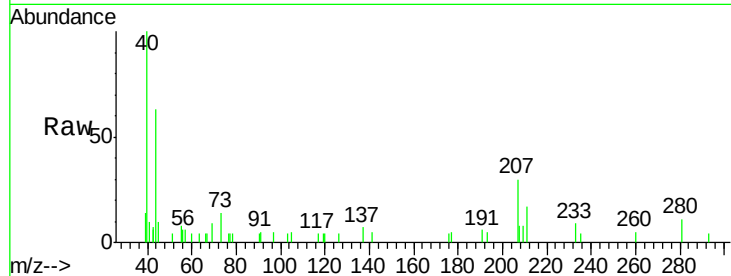


#80

1,3,5-Trimethylbenzene
Concen: 38.131 ug/l
RT: 11.64 min Scan# 1127
Delta R.T. -0.26 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Instrument :
MSVOA_F
ClientSampleId :

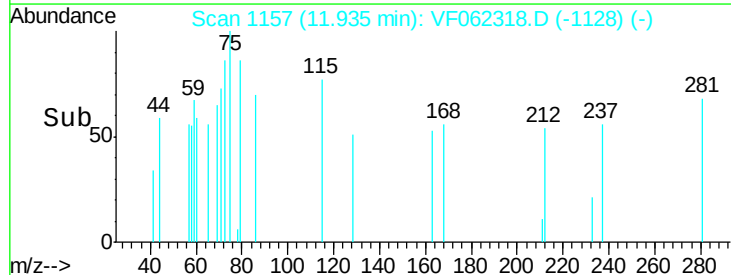
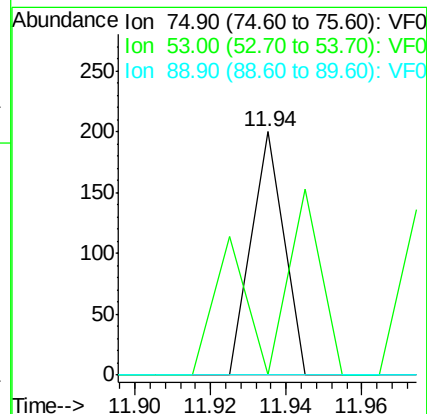
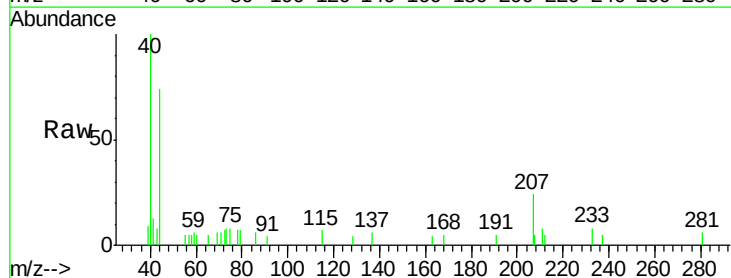
Tot Ion:105 Resp: 161
Ion Ratio Lower Upper
105 100
120 41.0 25.8 77.4

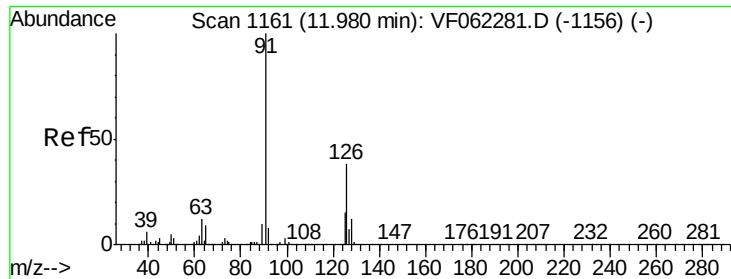


#81

trans-1,4-Dichloro-2-butene
Concen: 468.241 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. -0.02 min
Lab File: VF062318.D
Acq: 29 Apr 2019 17:47

Tgt Ion: 75 Resp: 118
Ion Ratio Lower Upper
75 100
53 56.8 67.1 100.7#
89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 79.702 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.21 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

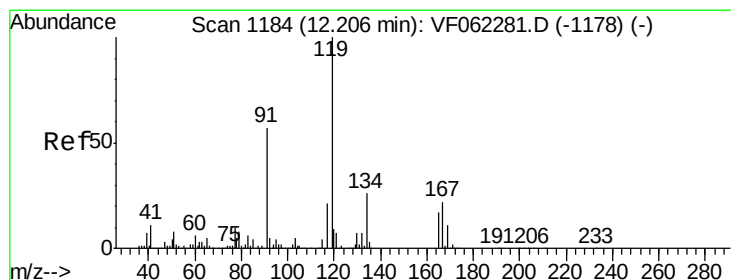
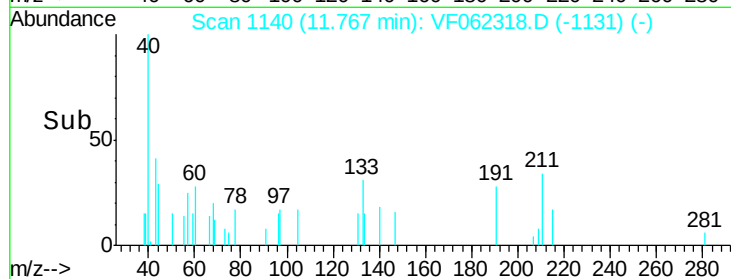
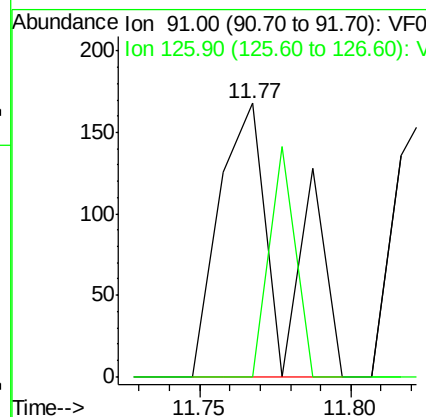
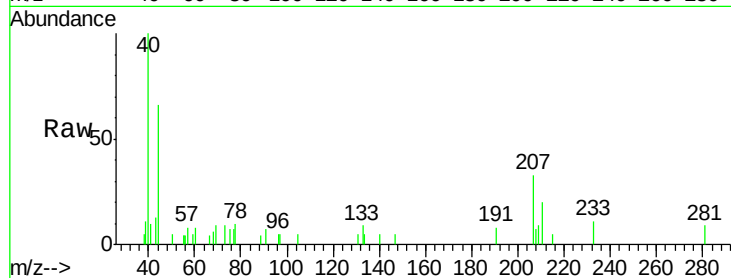
ClientSampleId :

Tot Ion: 91 Resp: 250

Ion Ratio Lower Upper

91 100

126 33.2 17.3 52.0



#83

tert-Butylbenzene

Concen: 86.310 ug/l

RT: 12.18 min Scan# 1182

Delta R.T. -0.03 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

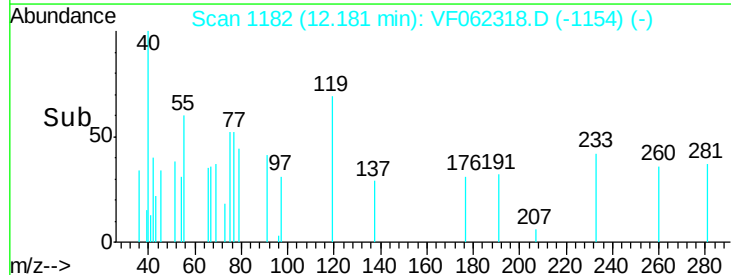
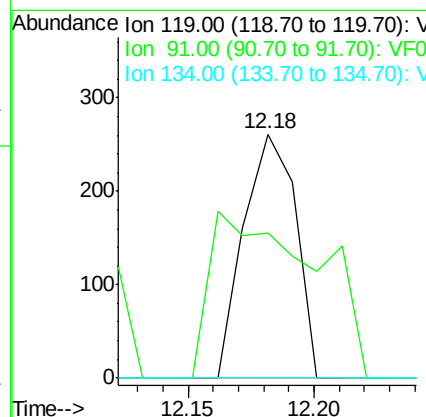
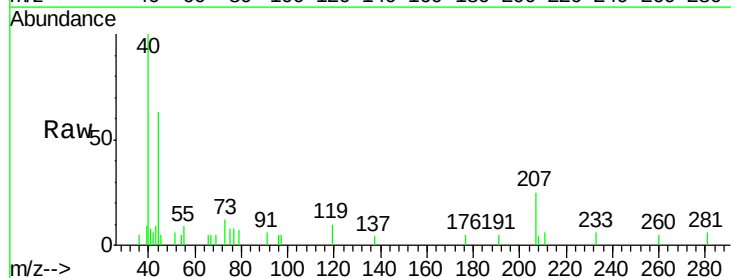
Tgt Ion: 119 Resp: 374

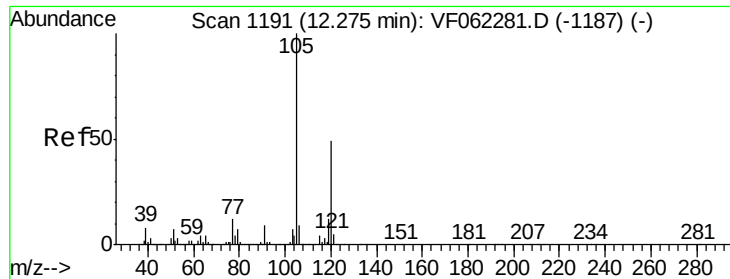
Ion Ratio Lower Upper

119 100

91 138.0 29.4 88.2#

134 0.0 11.9 35.7#

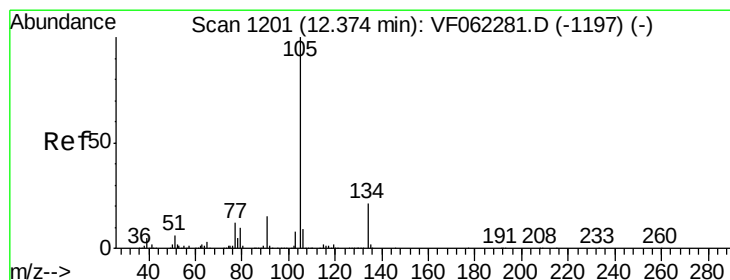
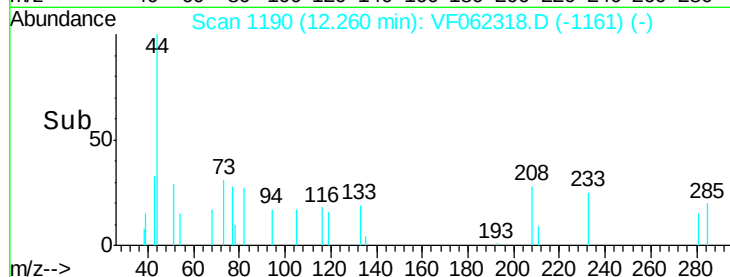
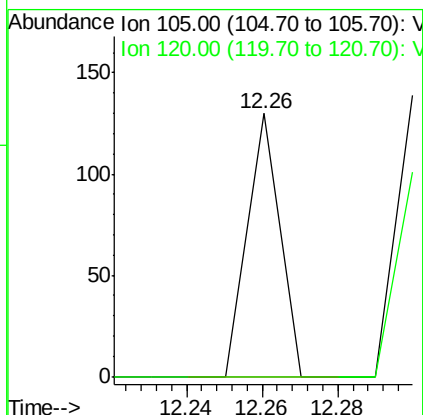
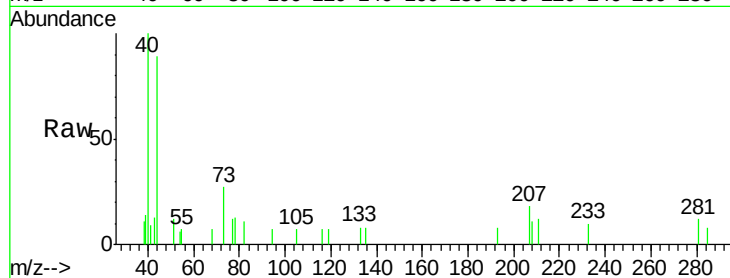




#84
 1,2,4-Trimethylbenzene
 Concen: 18.829 ug/l
 RT: 12.26 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

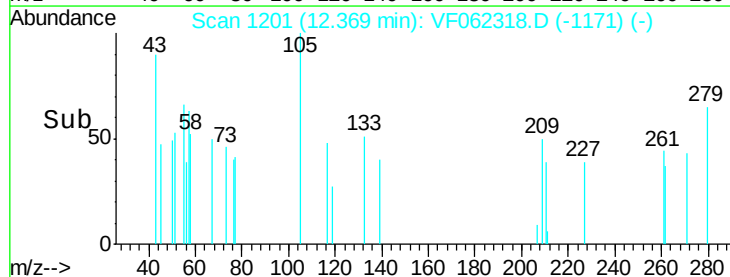
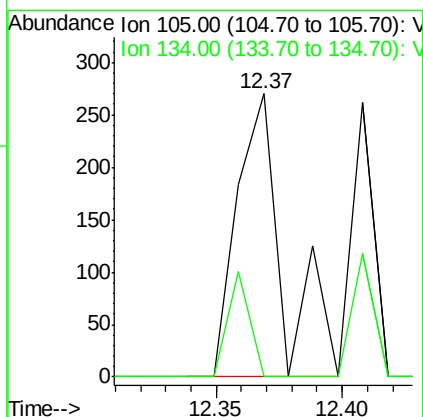
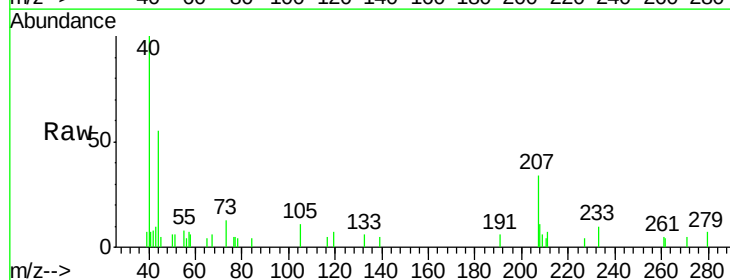
Instrument :
 MSVOA_F
 ClientSampleId :

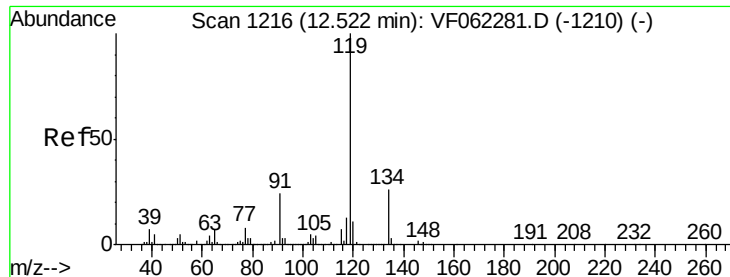
Tot Ion:105 Resp: 77
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.1 72.2#



#85
 sec-Butylbenzene
 Concen: 63.367 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Tgt Ion:105 Resp: 342
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.2 30.4

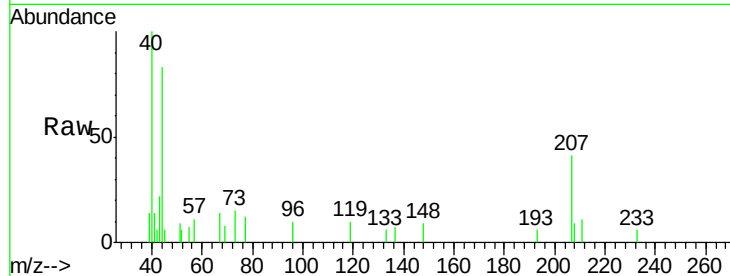




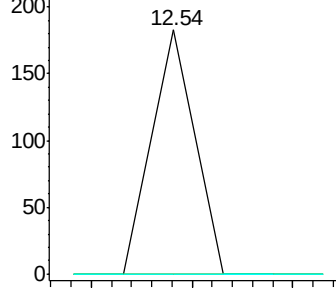
#86
 p-Isopropyltoluene
 Concen: 22.320 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Instrument :
 MSVOA_F
 ClientSampled :

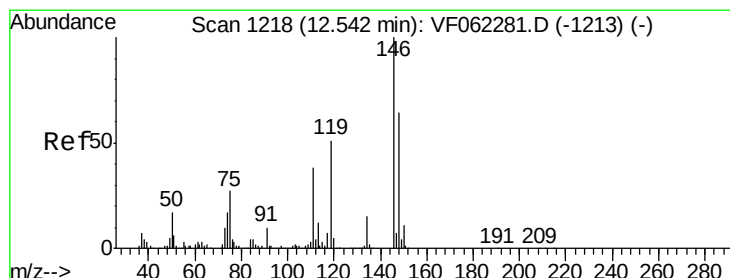
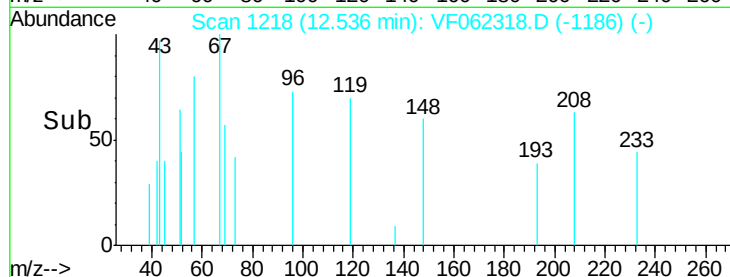
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	0.0	11.6	34.7#



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

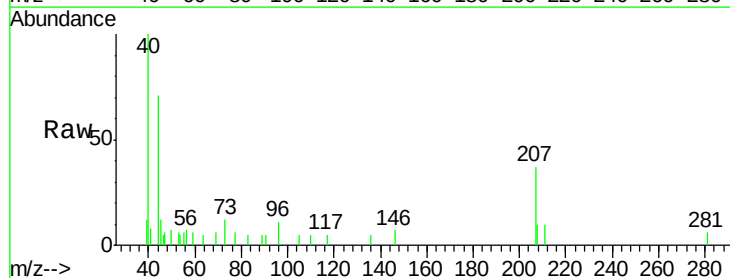


Time-->

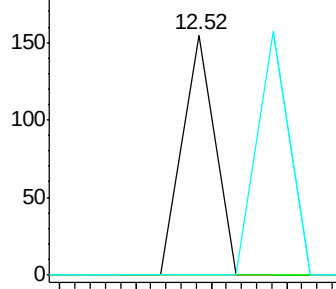


#87
 1,3-Dichlorobenzene
 Concen: 41.590 ug/l
 RT: 12.52 min Scan# 1216
 Delta R.T. -0.03 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

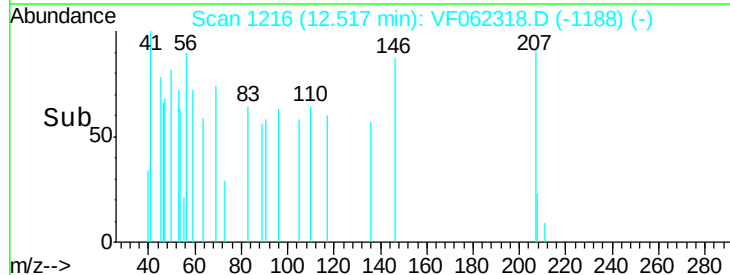
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	55.8#
148	101.1	32.8	98.4#

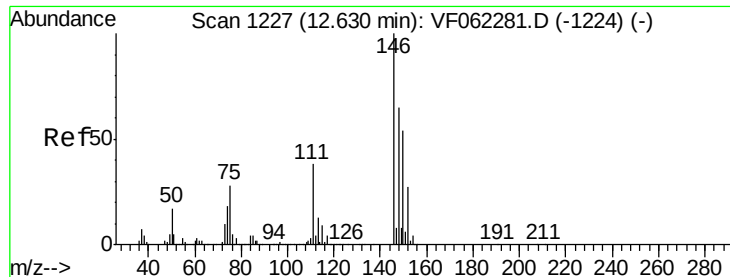


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



Time-->





#88

1,4-Dichlorobenzene

Concen: 43.865 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.11 min

Lab File: VF062318.D

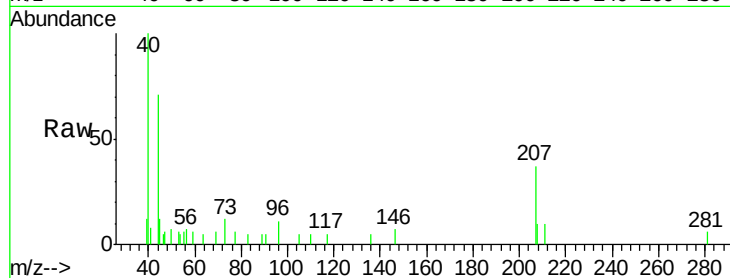
Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

ClientSampled :

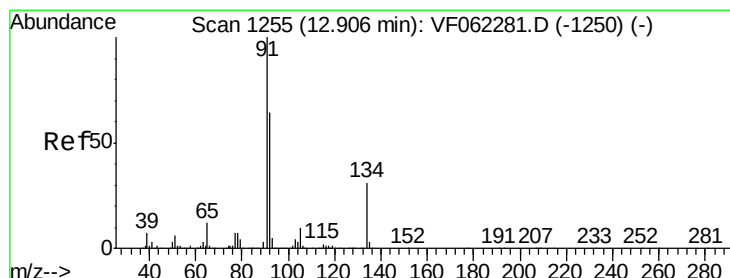
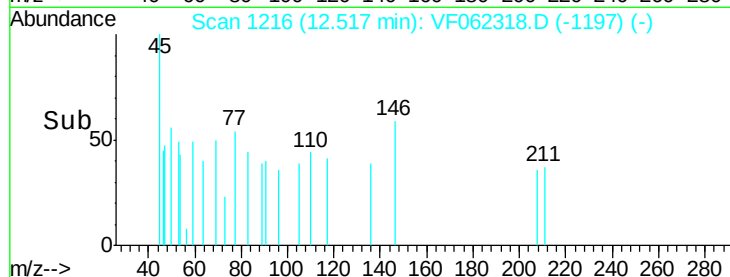
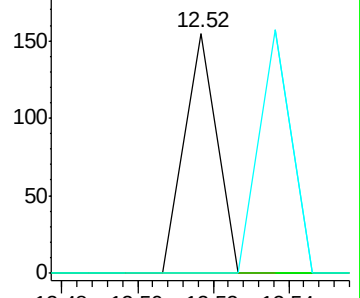
Tot Ion:	146	Resp:	92
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	56.0#
148	101.1	32.5	97.5#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 17.286 ug/l

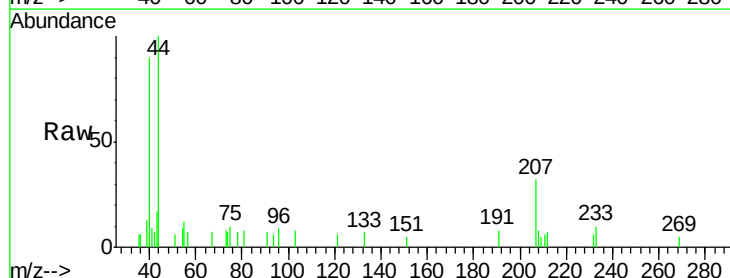
RT: 12.91 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

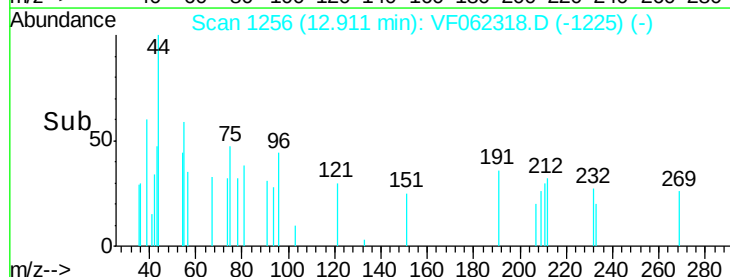
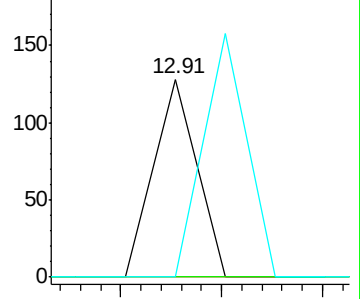
Tgt Ion:	91	Resp:	76
Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.1	93.3#
134	122.4	14.4	43.4#

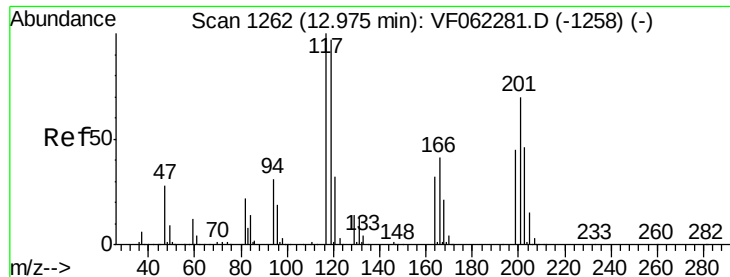


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.116 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

Instrument :

MSVOA_F

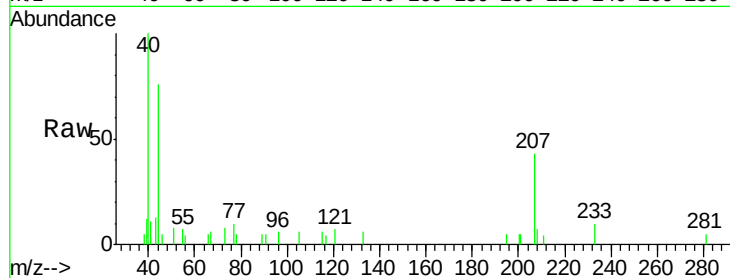
ClientSampled :

Tot Ion:117 Resp: 62

Ion Ratio Lower Upper

117 100

201 108.1 42.9 128.5

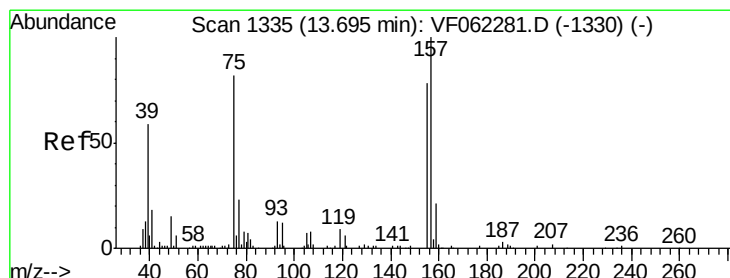
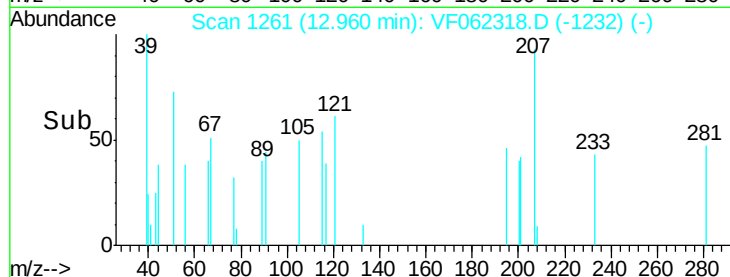


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.96

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 474.101 ug/l

RT: 13.67 min Scan# 1333

Delta R.T. -0.02 min

Lab File: VF062318.D

Acq: 29 Apr 2019 17:47

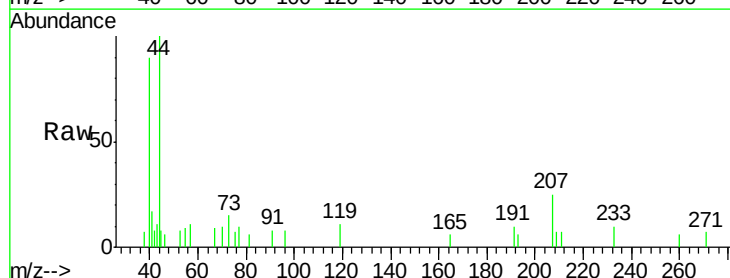
Tgt Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.2#

157 0.0 64.5 193.5#



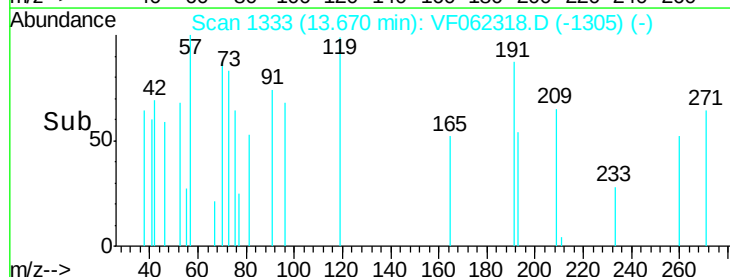
Abundance Ion 74.90 (74.60 to 75.60): VF0

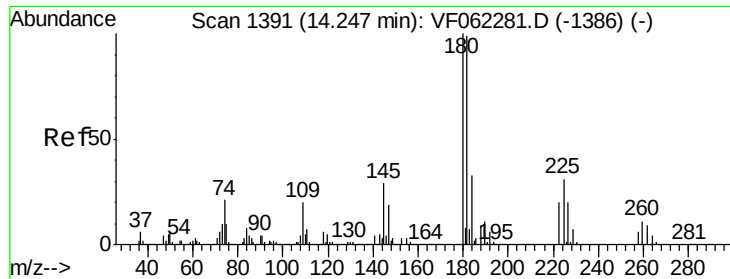
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

13.67

Time-->

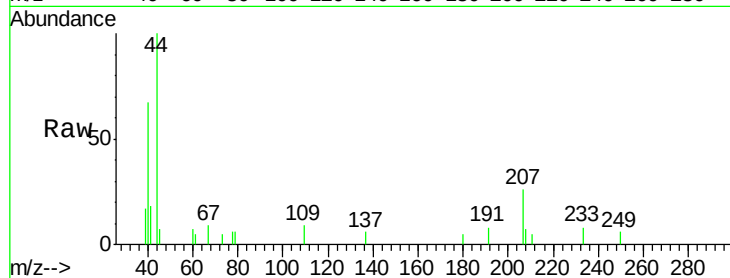




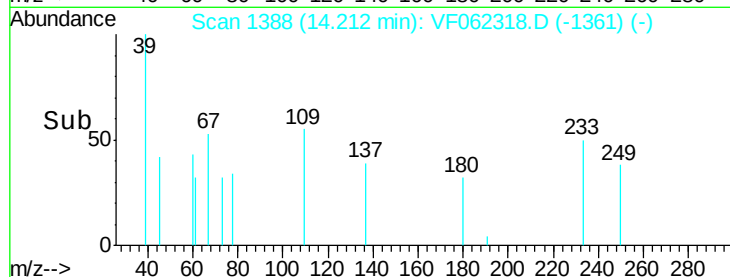
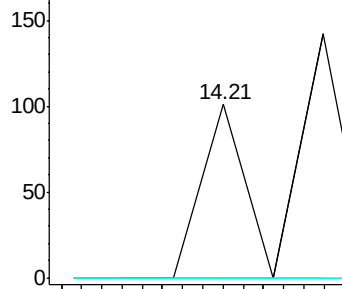
#93
 1,2,4-Trichlorobenzene
 Concen: 32.164 ug/l
 RT: 14.21 min Scan# 1388
 Delta R.T. -0.03 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Instrument :
 MSVOA_F
 ClientSampled :

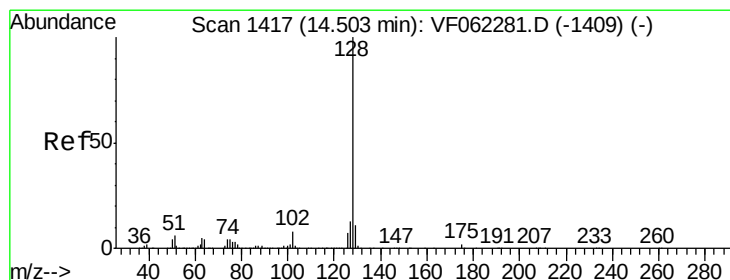
Tot Ion:180 Resp: 60
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.5 145.6#
 145 0.0 16.7 50.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

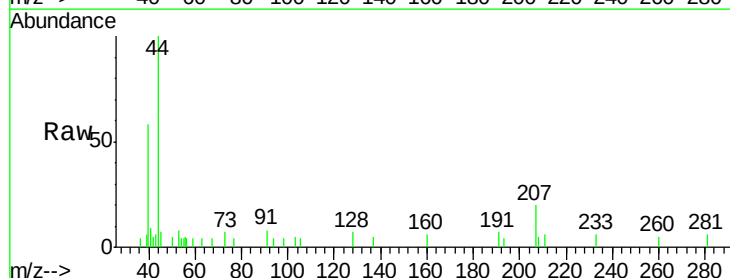


Time-->



#95
 Naphthalene
 Concen: 89.966 ug/l
 RT: 14.48 min Scan# 1415
 Delta R.T. -0.03 min
 Lab File: VF062318.D
 Acq: 29 Apr 2019 17:47

Tgt Ion:128 Resp: 260
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 31.2 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

