

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056662.D
 Acq On : 23 Feb 2018 18:17
 Operator : JC/SY
 Sample : J1672-02
 Misc : 3.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

Quant Time: Feb 24 00:48:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 21 08:56:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.81	168	2703	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.56	114	2332	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.76	117	184	50.00	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	12.45	152	141	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	61	1.87	ug/l	0.07
Spiked Amount	50.000		Recovery	=	3.74%	
35) Dibromofluoromethane	4.03	113	346	19.73	ug/l	0.01
Spiked Amount	50.000		Recovery	=	39.46%	
50) Toluene-d8	7.49	98	2128	40.48	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.96%	
62) 4-Bromofluorobenzene	11.43	95	114	4.77	ug/l	0.09
Spiked Amount	50.000		Recovery	=	9.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.82	85	73	2.68	ug/l #	45
3) Chloromethane	1.04	50	274	9.01	ug/l #	1
4) Vinyl Chloride	1.21	62	69	3.19	ug/l #	42
5) Bromomethane	1.22	94	166	13.74	ug/l #	1
6) Chloroethane	1.41	64	118	13.34	ug/l #	43
7) Trichlorofluoromethane	1.35	101	86	3.82	ug/l #	18
8) Diethyl Ether	1.51	74	70	8.66	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	1.62	101	63	3.30	ug/l #	19
11) Tert butyl alcohol	2.43	59	67	30.38	ug/l #	67
13) Acrolein	2.00	56	60	25.41	ug/l #	13
14) Allyl chloride	2.09	41	157	5.20	ug/l #	10
15) Acrylonitrile	2.92	53	116	20.87	ug/l #	15
16) Acetone	2.17	43	82	8.53	ug/l #	59
17) Carbon Disulfide	1.77	76	121	2.64	ug/l #	69
19) Methyl tert-butyl Ether	2.43	73	70	1.35	ug/l #	55
20) Methylene Chloride	2.14	84	88	4.81	ug/l #	1
22) Diisopropyl ether	2.77	45	69	1.02	ug/l #	16
23) Vinyl Acetate	3.12	43	95	1.72	ug/l #	77
24) 1,1-Dichloroethane	2.83	63	65	1.74	ug/l #	88
25) 2-Butanone	4.32	43	298	17.43	ug/l #	56
26) 2,2-Dichloropropane	3.47	77	74	3.58	ug/l #	57
27) cis-1,2-Dichloroethene	3.53	96	82	2.64	ug/l	1
28) Bromochloromethane	3.66	49	73	Below Cal	#	10
29) Tetrahydrofuran	3.98	42	178	22.48	ug/l #	34
31) Cyclohexane	3.67	56	274	6.82	ug/l #	20
36) 1,1-Dichloropropene	4.15	75	125	5.69	ug/l #	1
37) Ethyl Acetate	4.04	43	84	4.28	ug/l #	31
39) Methylcyclohexane	5.33	83	86	3.62	ug/l #	15
40) Benzene	4.52	78	76	1.36	ug/l #	1
41) Methacrylonitrile	4.66	41	185	19.41	ug/l #	24
42) 1,2-Dichloroethane	4.94	62	82	3.79	ug/l	76
43) Isopropyl Acetate	6.90	43	205	8.52	ug/l #	1
45) 1,2-Dichloropropane	6.16	63	63	3.97	ug/l #	43
46) Dibromomethane	5.88	93	74	6.06	ug/l #	5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

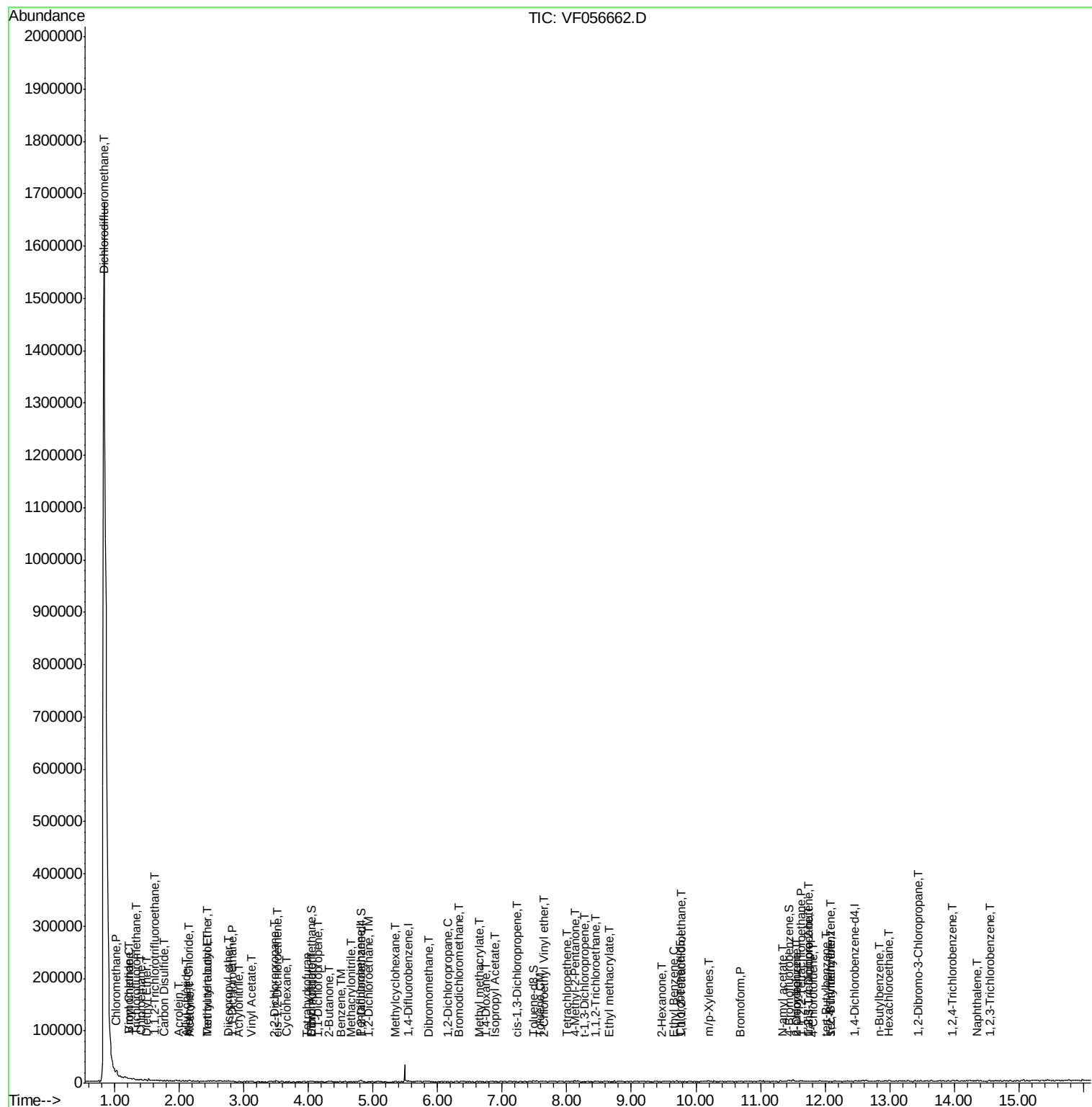
47) Bromodichloromethane	6.33	83	61	2.70	ug/l #	24
48) Methyl methacrylate	6.65	41	67	4.75	ug/l #	17
49) 1,4-Dioxane	6.74	88	63	433.32	ug/l #	26
51) 4-Methyl-2-Pentanone	8.13	43	144	8.75	ug/l #	36
52) Toluene	7.58	92	73	1.97	ug/l #	1
53) t-1,3-Dichloropropene	8.28	75	90	3.96	ug/l #	43
54) cis-1,3-Dichloropropene	7.24	75	85	3.22	ug/l #	29
55) 1,1,2-Trichloroethane	8.46	97	64	4.36	ug/l #	13
56) Ethyl methacrylate	8.65	69	61	3.18	ug/l #	24
58) 2-Chloroethyl Vinyl ether	7.64	63	73	27.99	ug/l	100
59) 2-Hexanone	9.47	43	76	5.69	ug/l #	25
64) Tetrachloroethene	8.00	164	62	46.82	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	9.78	131	99	79.66	ug/l #	7
67) Ethyl Benzene	9.66	91	61	9.92	ug/l #	46
68) m/p-Xylenes	10.18	106	60	26.68	ug/l #	1
71) Bromoform	10.69	173	86	86.46	ug/l #	36
74) N-amyl acetate	11.34	43	363	87.37	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.62	83	80	28.47	ug/l #	25
76) 1,2,3-Trichloropropane	11.75	75	81	37.57	ug/l #	43
78) n-propylbenzene	11.56	91	173	15.12	ug/l #	55
79) 2-Chlorotoluene	11.56	91	173	25.68	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.75	75	81	68.58	ug/l #	20
82) 4-Chlorotoluene	11.82	91	59	8.05	ug/l #	40
83) tert-Butylbenzene	12.02	119	132	17.71	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.10	105	72	8.97	ug/l #	30
85) sec-Butylbenzene	12.10	105	72	7.02	ug/l #	59
89) n-Butylbenzene	12.82	91	132	12.03	ug/l #	28
90) Hexachloroethane	12.97	117	208	131.37	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.44	75	62	118.44	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.96	180	64	21.21	ug/l #	11
95) Naphthalene	14.36	128	160	21.08	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.54	180	65	22.30	ug/l #	11

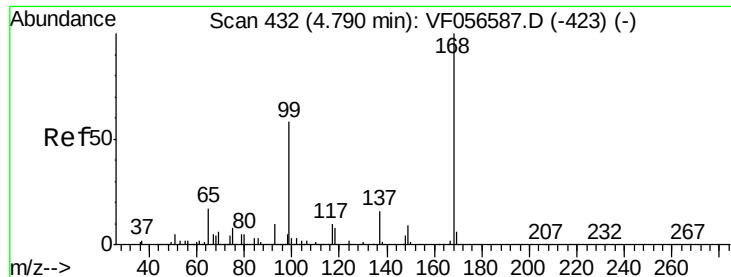
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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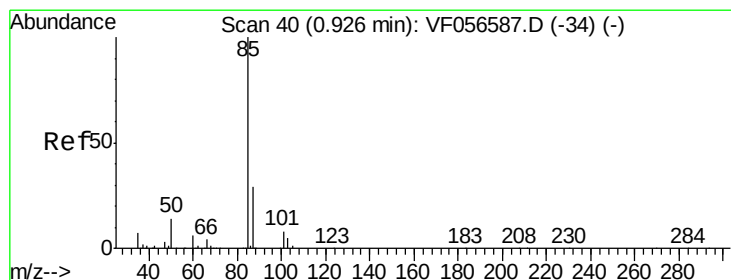
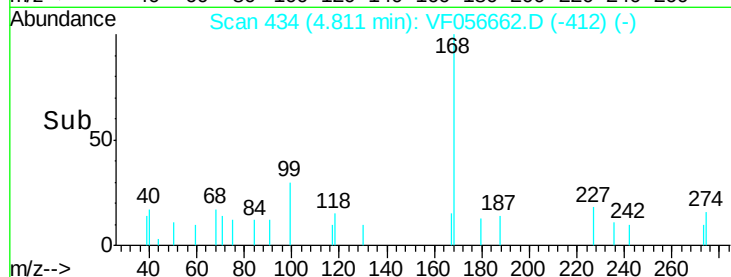
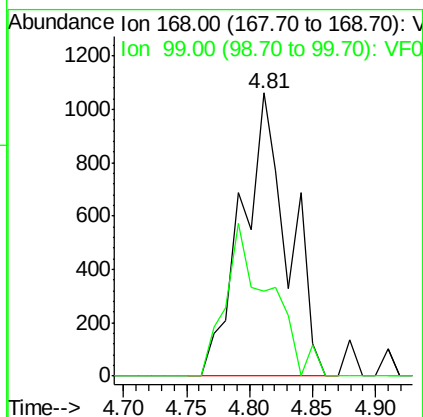
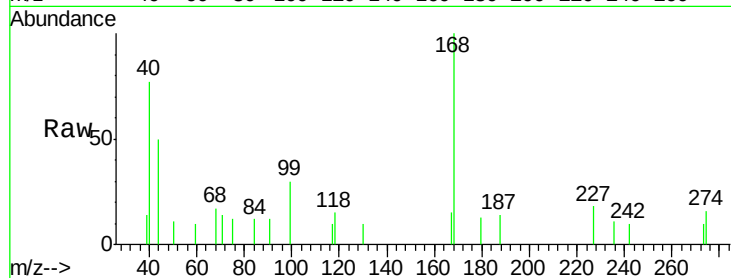


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 4.81 min Scan# 434
 Delta R.T. 0.02 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

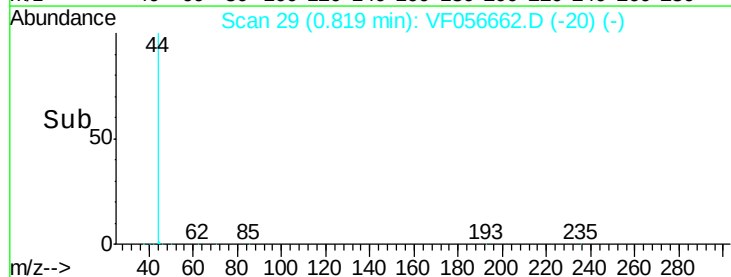
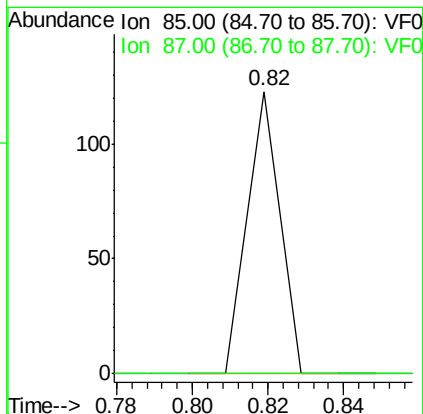
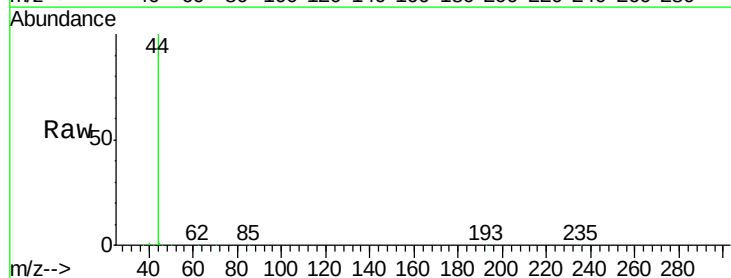
Tgt Ion: 168 Resp: 2703
 Ion Ratio Lower Upper
 168 100
 99 30.1 46.2 69.2#

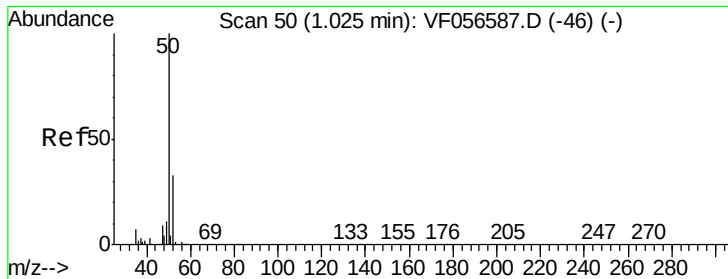


#2

Dichlorodifluoromethane
 Concen: 2.68 ug/l
 RT: 0.82 min Scan# 29
 Delta R.T. -0.11 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 85 Resp: 73
 Ion Ratio Lower Upper
 85 100
 87 0.0 14.7 44.1#





#3

Chloromethane

Concen: 9.01 ug/l

RT: 1.04 min Scan# 51

Delta R.T. 0.01 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

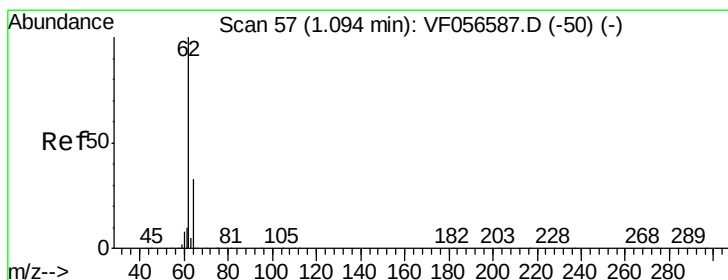
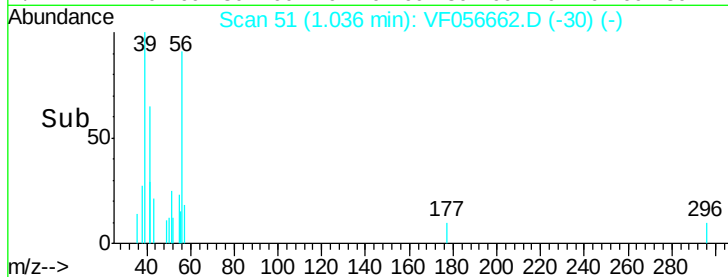
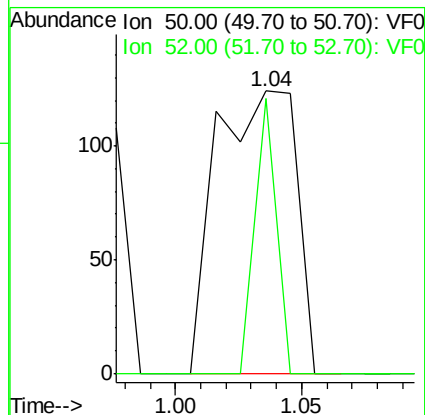
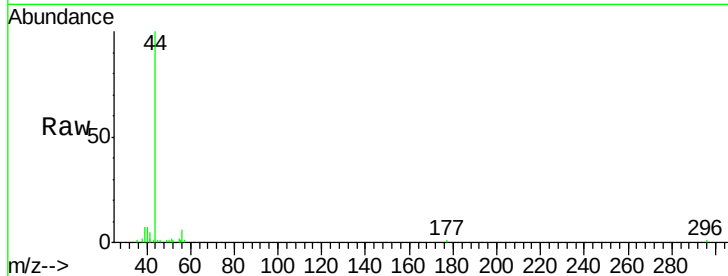
72-11977

Tgt Ion: 50 Resp: 274

Ion Ratio Lower Upper

50 100

52 97.6 25.8 38.8#



#4

Vinyl Chloride

Concen: 3.19 ug/l

RT: 1.21 min Scan# 69

Delta R.T. 0.12 min

Lab File: VF056662.D

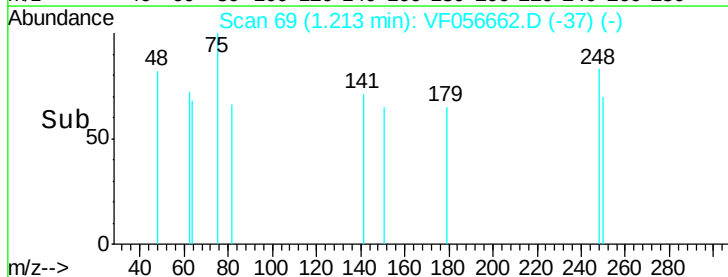
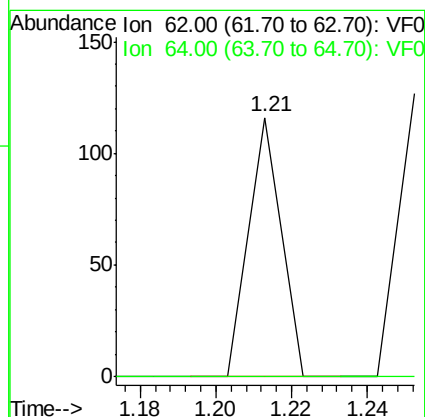
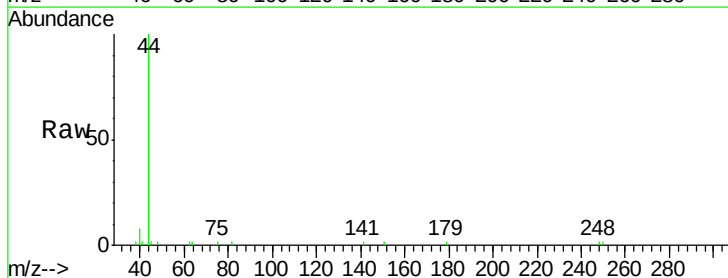
Acq: 23 Feb 2018 18:17

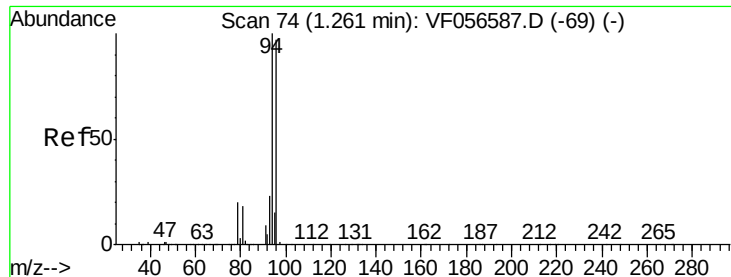
Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

62 100

64 0.0 26.4 39.6#





#5

Bromomethane

Concen: 13.74 ug/l

RT: 1.22 min Scan# 70

Delta R.T. -0.04 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

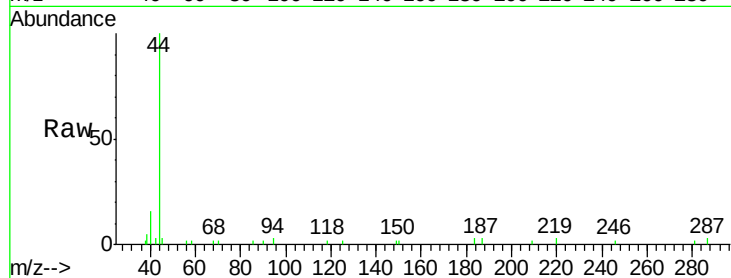
72-11977

Tgt Ion: 94 Resp: 166

Ion Ratio Lower Upper

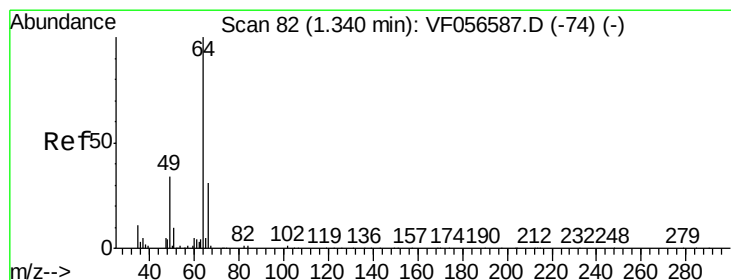
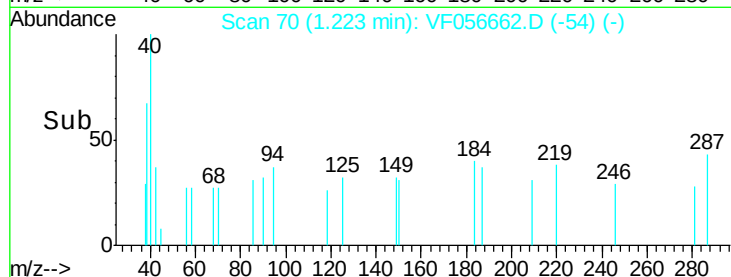
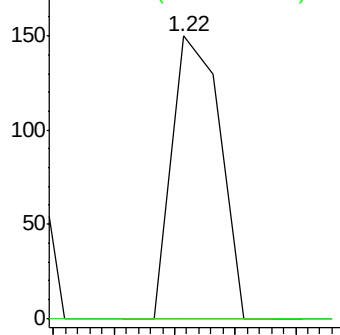
94 100

96 0.0 77.4 116.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 13.34 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.07 min

Lab File: VF056662.D

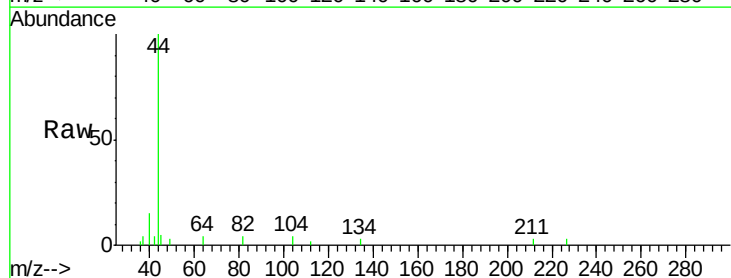
Acq: 23 Feb 2018 18:17

Tgt Ion: 64 Resp: 118

Ion Ratio Lower Upper

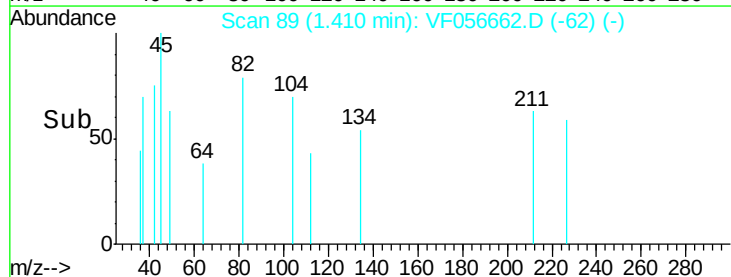
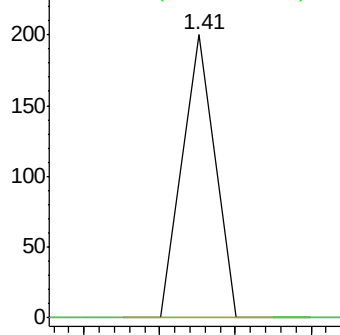
64 100

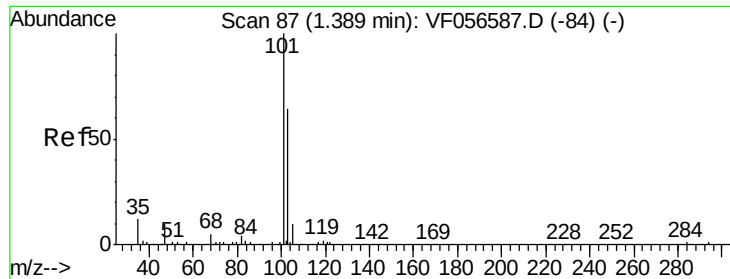
66 0.0 25.4 38.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 3.82 ug/l

RT: 1.35 min Scan# 83

Delta R.T. -0.04 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

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ClientSampleId :

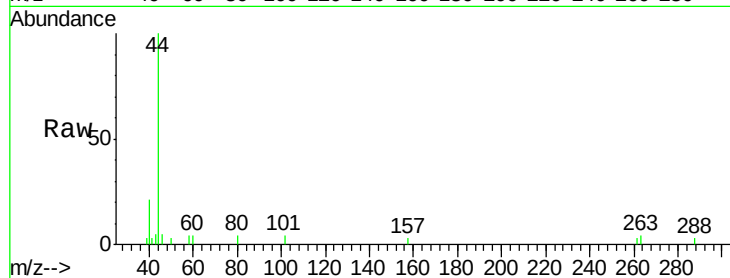
72-11977

Tgt Ion:101 Resp: 86

Ion Ratio Lower Upper

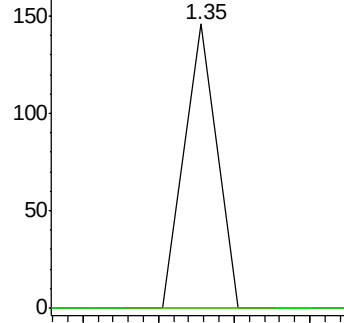
101 100

103 0.0 51.4 77.0#

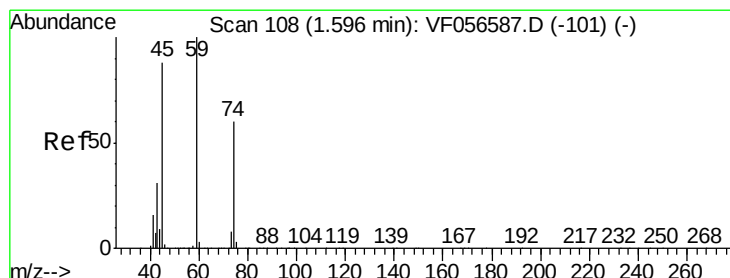
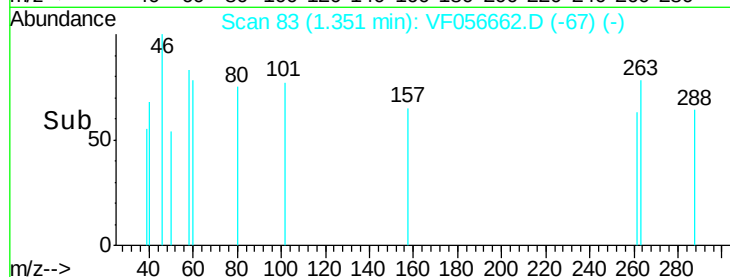


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#8

Diethyl Ether

Concen: 8.66 ug/l

RT: 1.51 min Scan# 99

Delta R.T. -0.09 min

Lab File: VF056662.D

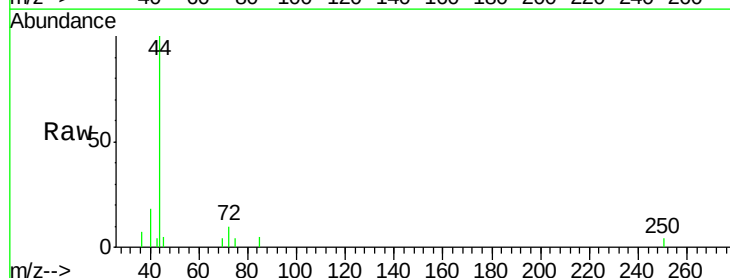
Acq: 23 Feb 2018 18:17

Tgt Ion: 74 Resp: 70

Ion Ratio Lower Upper

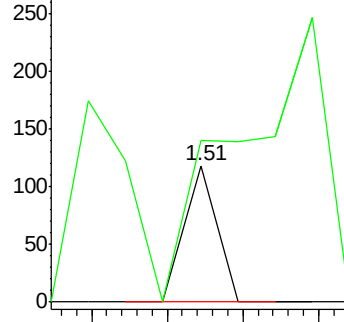
74 100

45 118.6 73.5 220.3

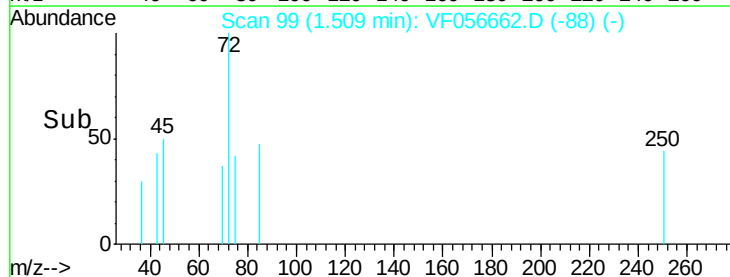


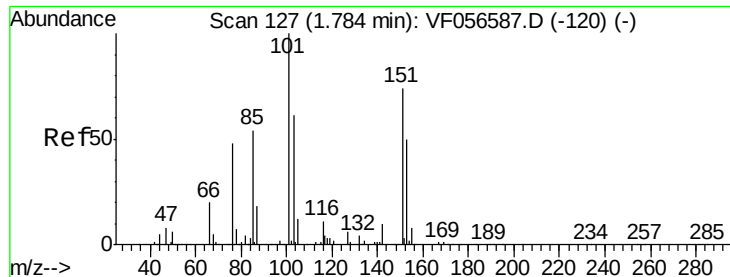
Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.30 ug/l

RT: 1.62 min Scan# 110

Delta R.T. -0.17 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

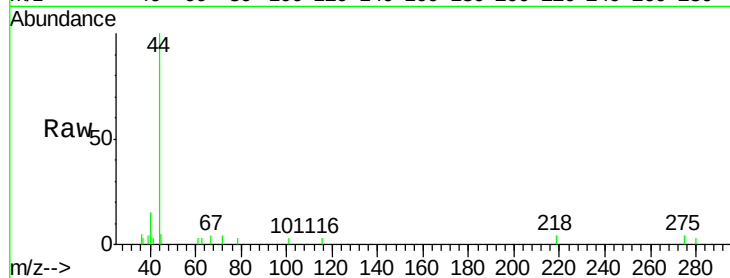
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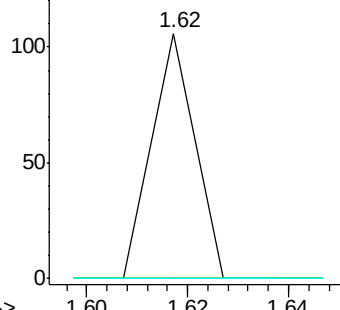
Tgt Ion:	101	Resp:	63
Ion	Ratio	Lower	Upper
101	100		
85	0.0	41.7	62.5#
151	0.0	56.6	85.0#



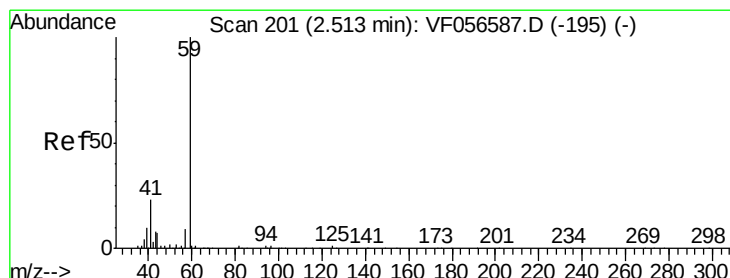
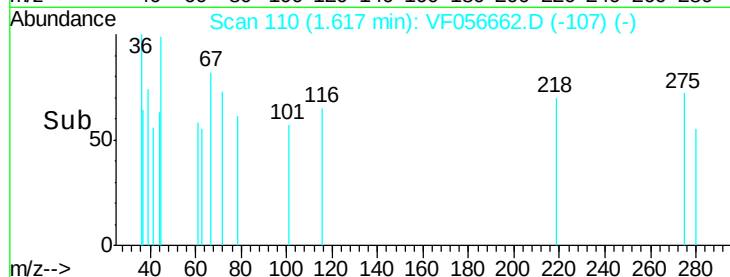
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



Time-->



#11

Tert butyl alcohol

Concen: 30.38 ug/l

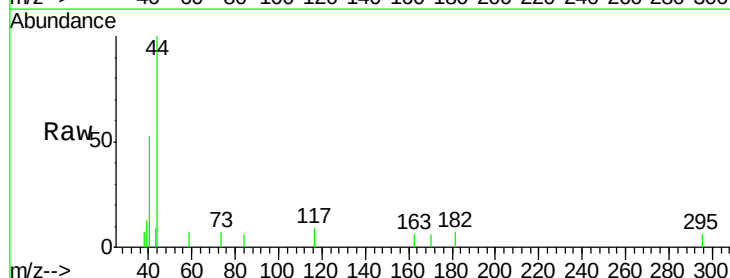
RT: 2.43 min Scan# 192

Delta R.T. -0.09 min

Lab File: VF056662.D

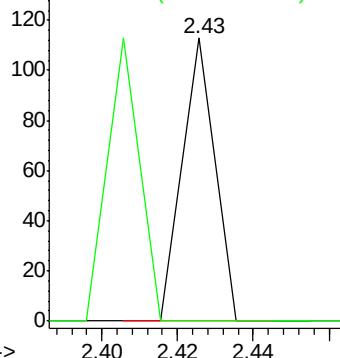
Acq: 23 Feb 2018 18:17

Tgt Ion:	59	Resp:	67
Ion	Ratio	Lower	Upper
59	100		
57	0.0	10.3	15.5#

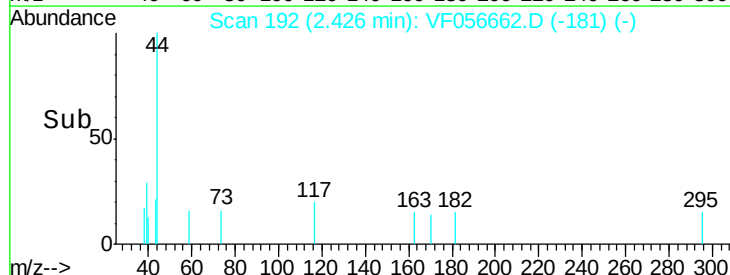


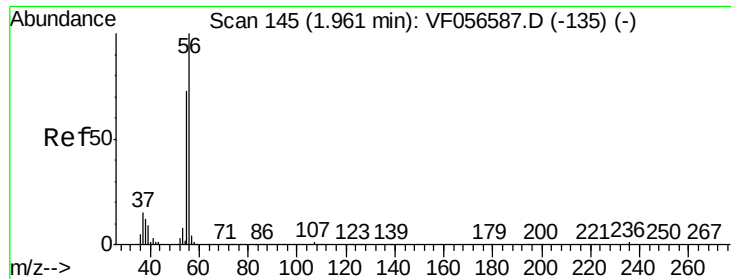
Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0



Time-->





#13

Acrolein

Concen: 25.41 ug/l

RT: 2.00 min Scan# 149

Delta R.T. 0.04 min

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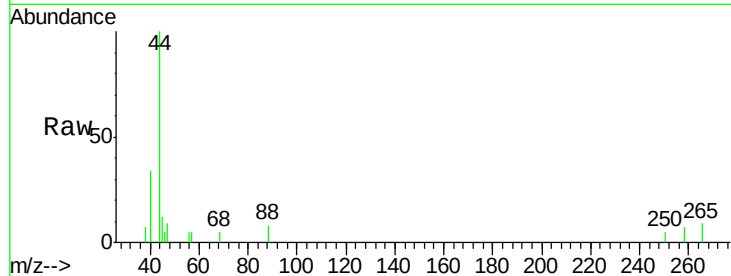
72-11977

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 58.6 88.0#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.00

100

80

60

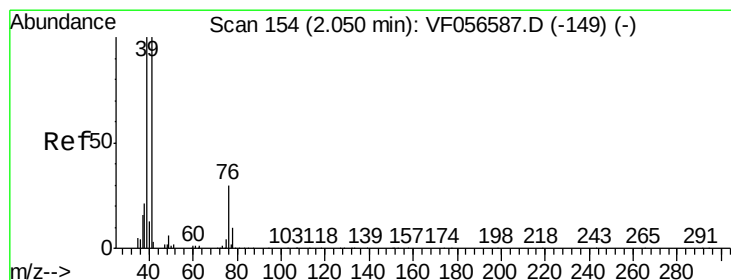
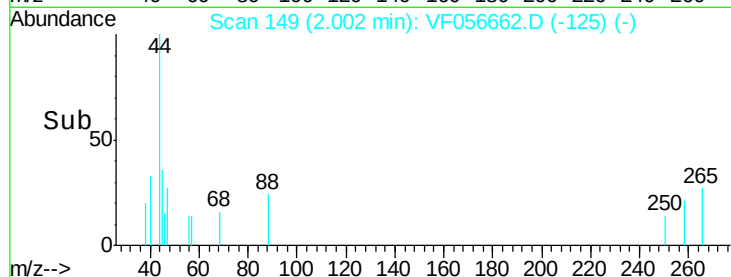
40

20

0

1.98 2.00 2.02

Time-->



#14

Allyl chloride

Concen: 5.20 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.04 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

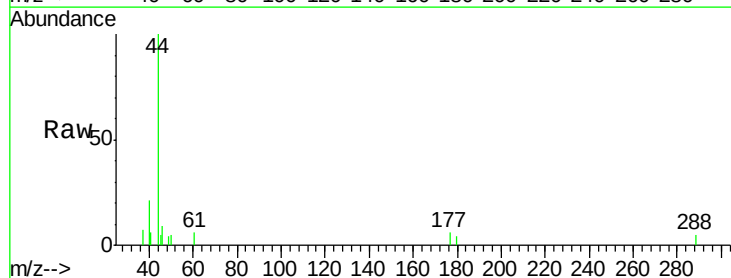
Tgt Ion: 41 Resp: 157

Ion Ratio Lower Upper

41 100

39 0.0 79.8 119.6#

76 0.0 25.4 38.2#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

300

250

200

150

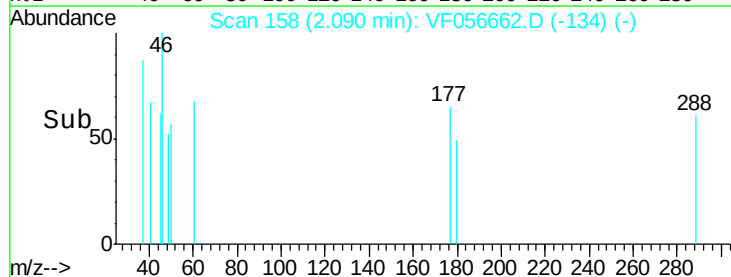
100

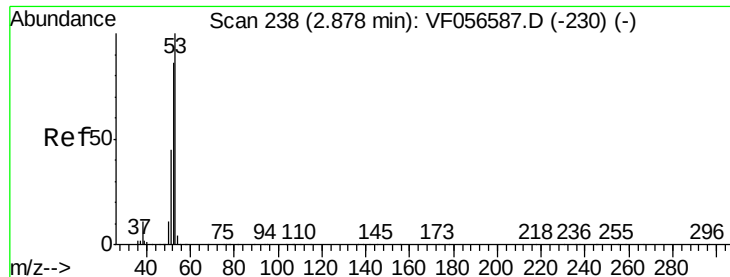
50

0

2.06 2.08 2.10 2.12 2.14

Time-->





#15

Acrylonitrile

Concen: 20.87 ug/l

RT: 2.92 min Scan# 242

Delta R.T. 0.04 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

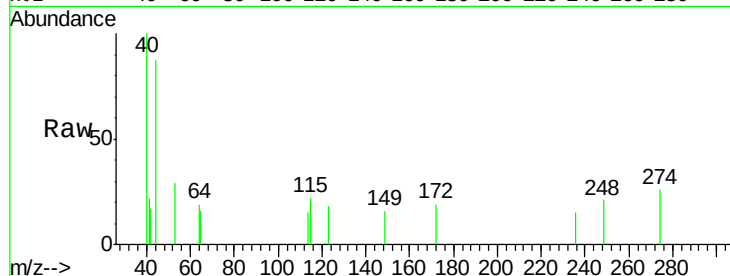
Tgt Ion: 53 Resp: 116

Ion Ratio Lower Upper

53 100

52 0.0 68.4 102.6#

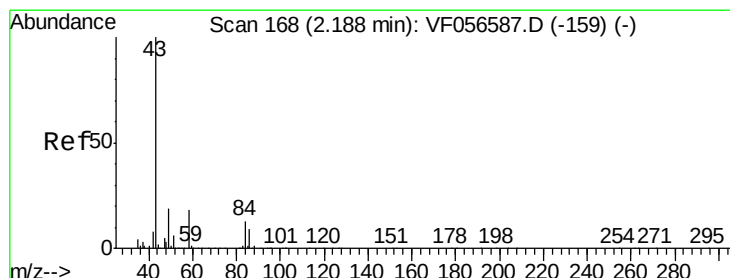
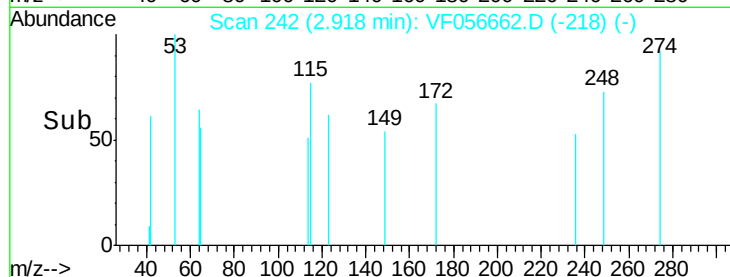
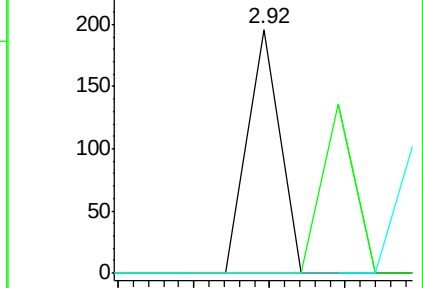
51 0.0 35.8 53.6#



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: 8.53 ug/l

RT: 2.17 min Scan# 166

Delta R.T. -0.02 min

Lab File: VF056662.D

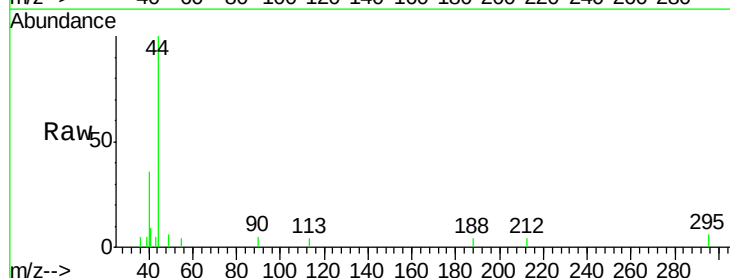
Acq: 23 Feb 2018 18:17

Tgt Ion: 43 Resp: 82

Ion Ratio Lower Upper

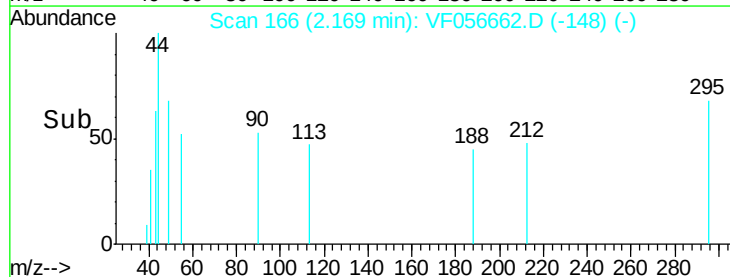
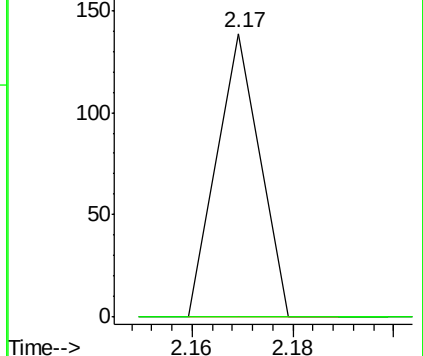
43 100

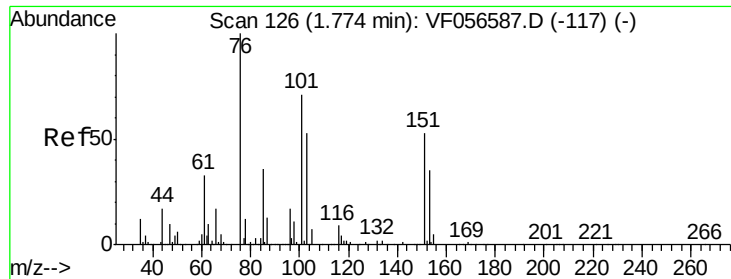
58 0.0 14.7 22.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 2.64 ug/l

RT: 1.77 min Scan# 125

Delta R.T. -0.01 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

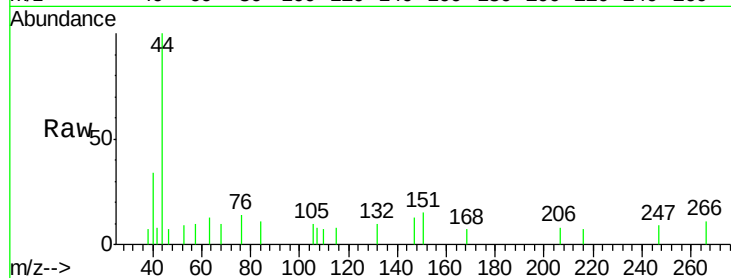
72-11977

Tgt Ion: 76 Resp: 121

Ion Ratio Lower Upper

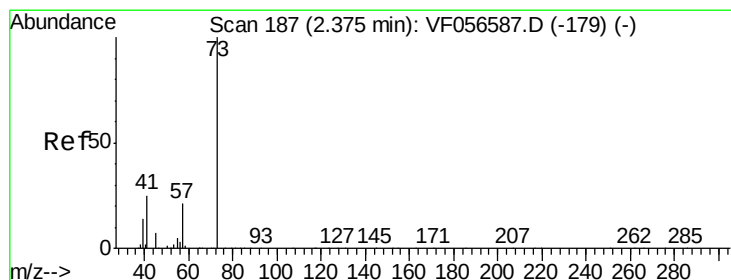
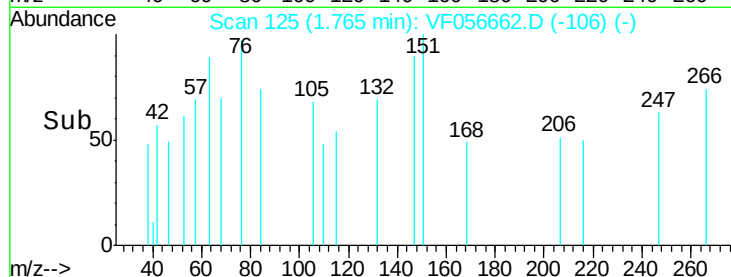
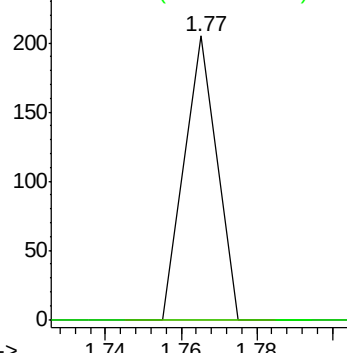
76 100

78 0.0 9.5 14.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#19

Methyl tert-butyl Ether

Concen: 1.35 ug/l

RT: 2.43 min Scan# 192

Delta R.T. 0.05 min

Lab File: VF056662.D

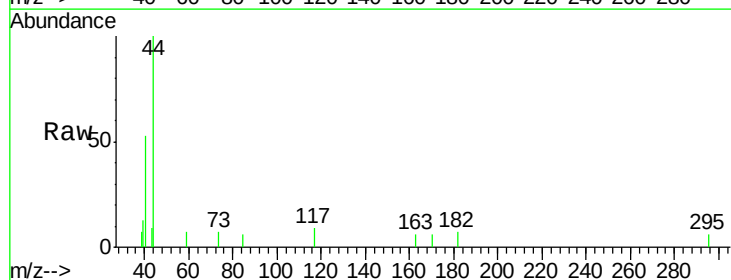
Acq: 23 Feb 2018 18:17

Tgt Ion: 73 Resp: 70

Ion Ratio Lower Upper

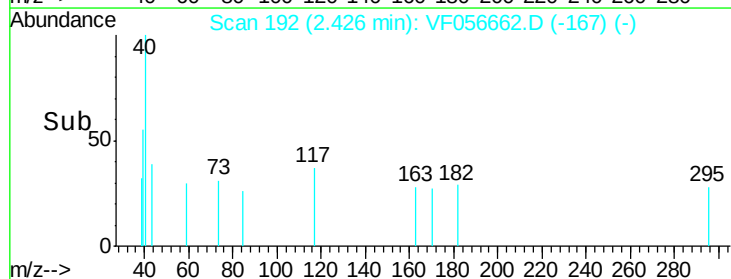
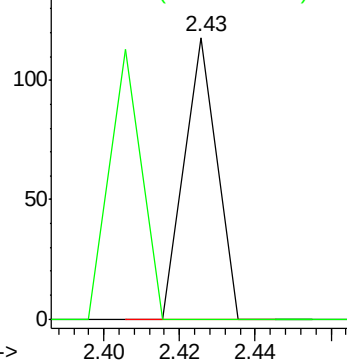
73 100

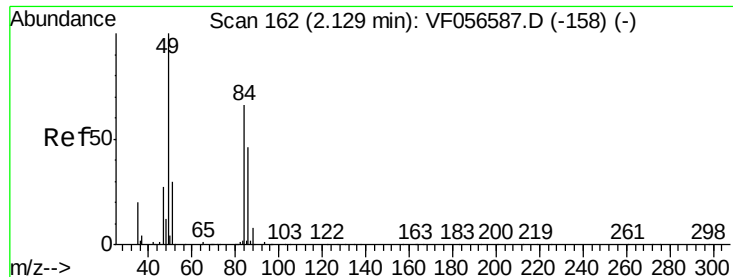
57 0.0 16.7 25.1#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

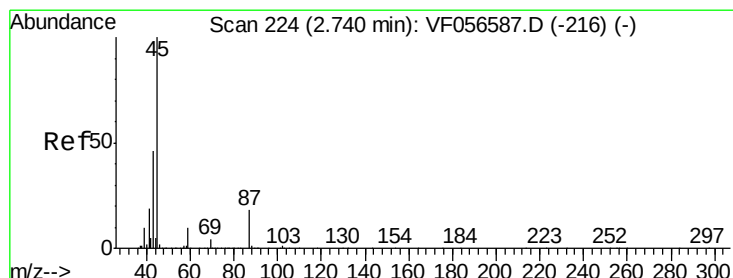
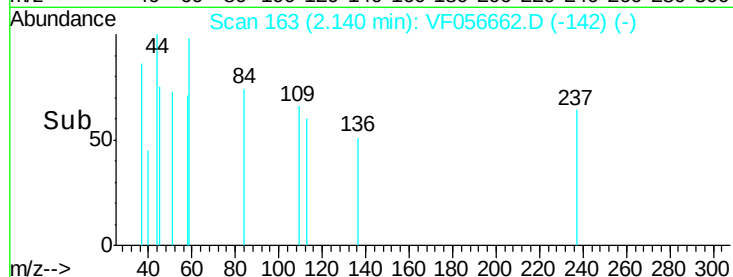
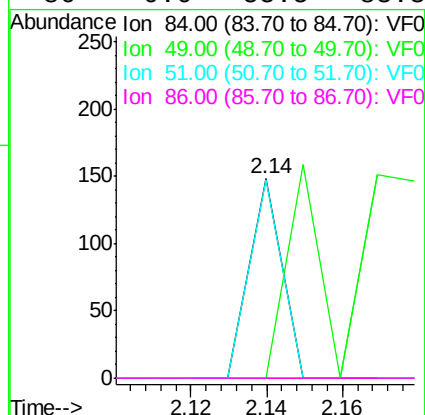
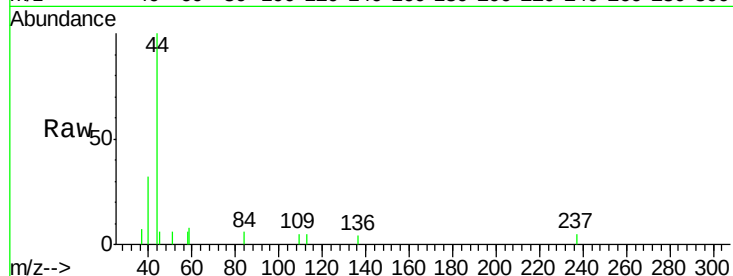




#20
Methylene Chloride
Concen: 4.81 ug/l
RT: 2.14 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF056662.D
Acq: 23 Feb 2018 18:17

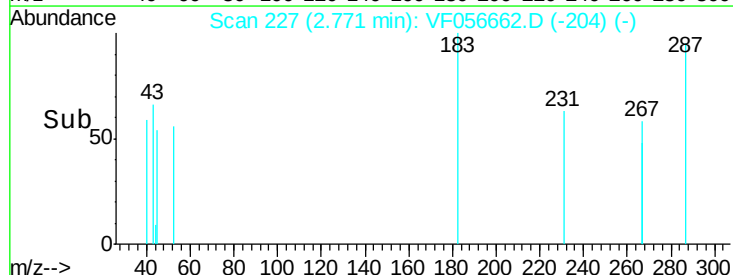
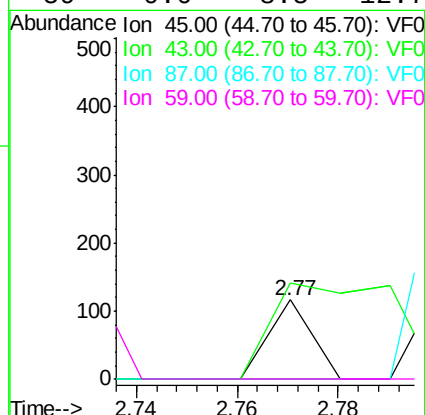
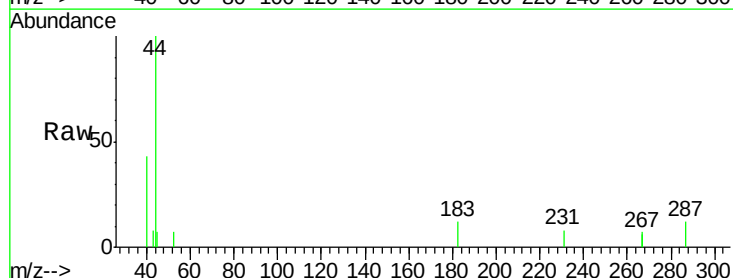
Instrument :
MSVOA_F
ClientSampleId :
72-11977

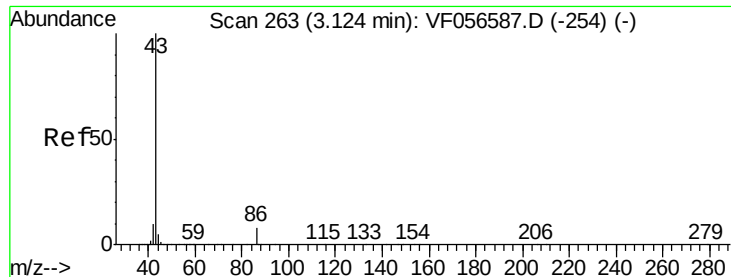
Tgt Ion: 84 Resp: 88
Ion Ratio Lower Upper
84 100
49 0.0 121.4 182.0#
51 99.3 37.1 55.7#
86 0.0 55.5 83.3#



#22
Diisopropyl ether
Concen: 1.02 ug/l
RT: 2.77 min Scan# 227
Delta R.T. 0.03 min
Lab File: VF056662.D
Acq: 23 Feb 2018 18:17

Tgt Ion: 45 Resp: 69
Ion Ratio Lower Upper
45 100
43 122.4 37.4 56.0#
87 0.0 14.6 22.0#
59 0.0 8.5 12.7#





#23

Vinyl Acetate

Concen: 1.72 ug/l

RT: 3.12 min Scan# 262

Delta R.T. -0.01 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

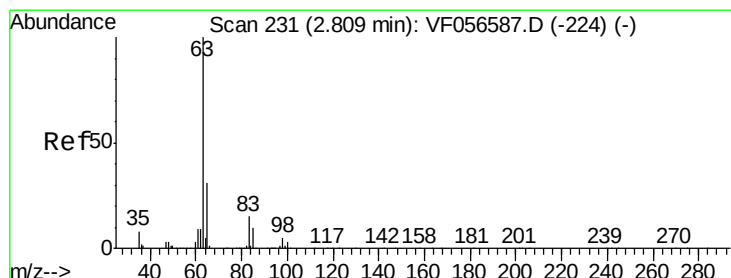
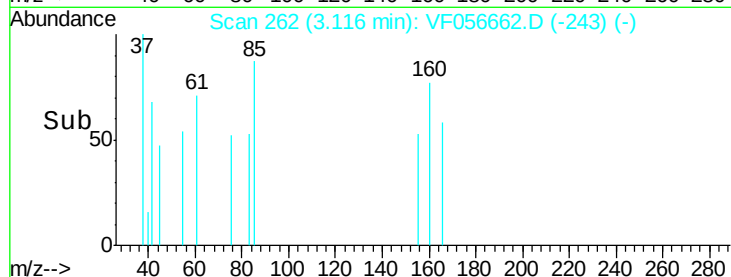
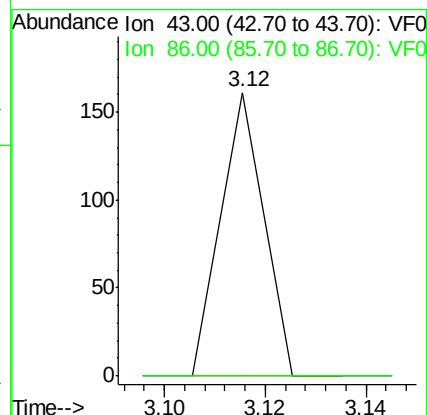
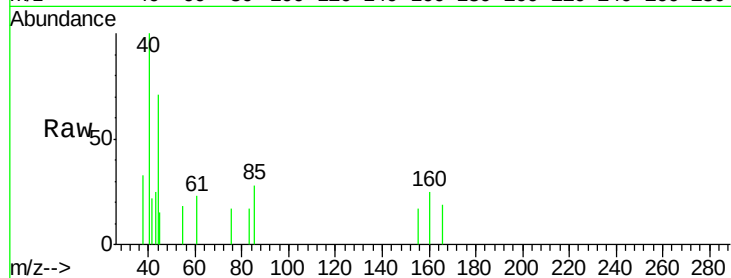
72-11977

Tgt Ion: 43 Resp: 95

Ion Ratio Lower Upper

43 100

86 0.0 6.6 10.0#



#24

1,1-Dichloroethane

Concen: 1.74 ug/l

RT: 2.83 min Scan# 233

Delta R.T. 0.02 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

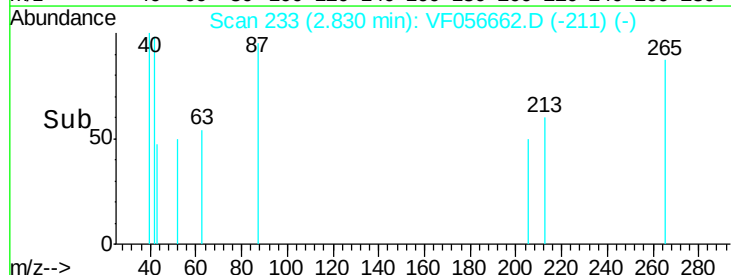
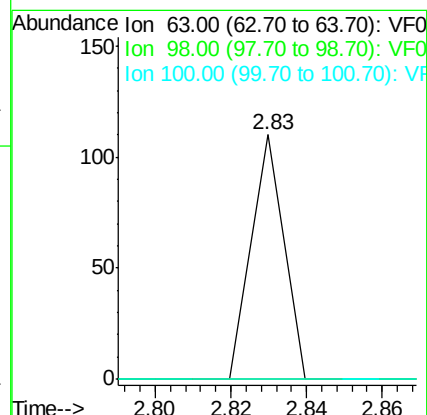
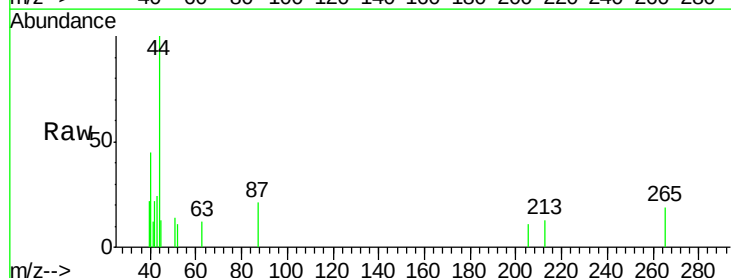
Tgt Ion: 63 Resp: 65

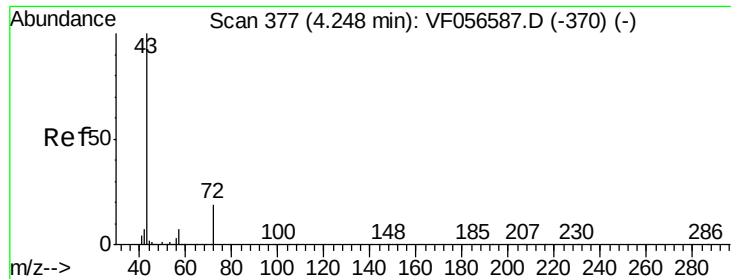
Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.8#

100 0.0 1.6 4.7#





#25

2-Butanone

Concen: 17.43 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.07 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

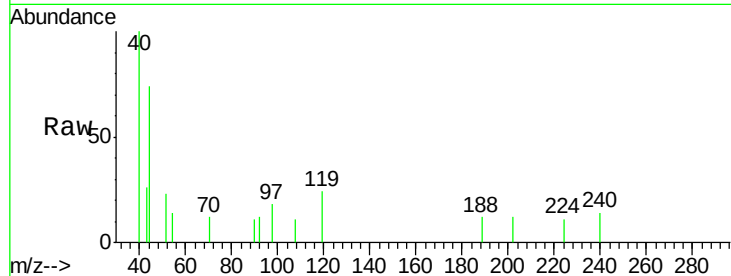
72-11977

Tgt Ion: 43 Resp: 298

Ion Ratio Lower Upper

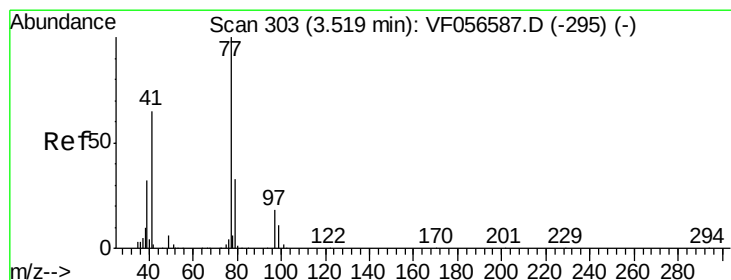
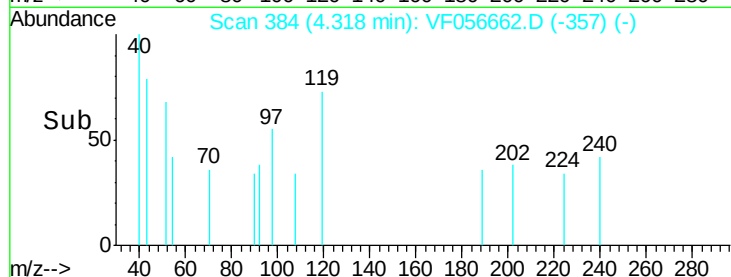
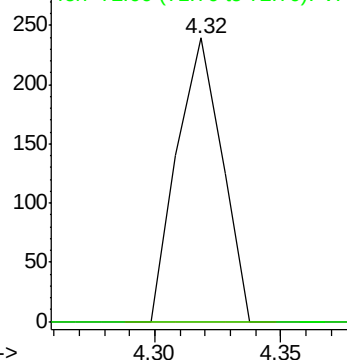
43 100

72 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 3.58 ug/l

RT: 3.47 min Scan# 298

Delta R.T. -0.05 min

Lab File: VF056662.D

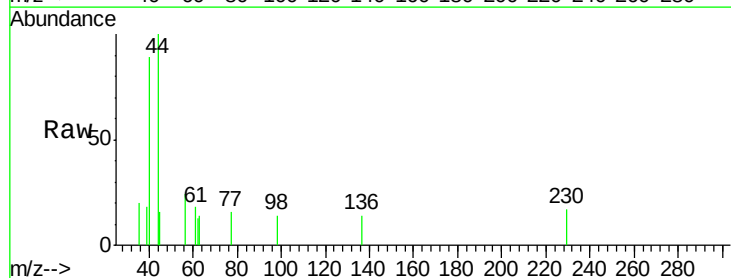
Acq: 23 Feb 2018 18:17

Tgt Ion: 77 Resp: 74

Ion Ratio Lower Upper

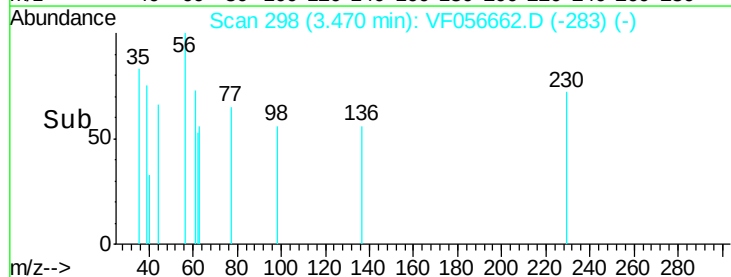
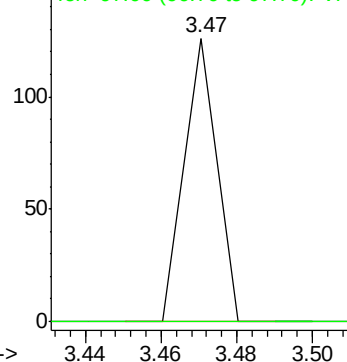
77 100

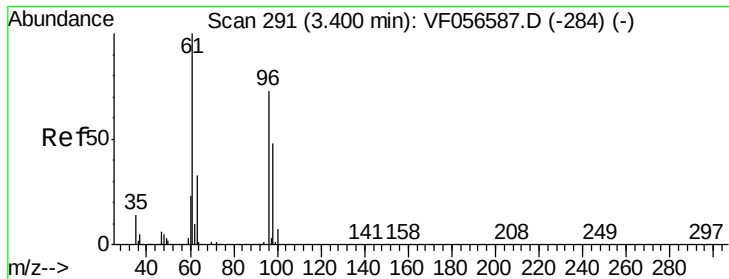
97 0.0 9.8 29.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0





#27

cis-1,2-Dichloroethene

Concen: 2.64 ug/l

RT: 3.53 min Scan# 304

Delta R.T. 0.13 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

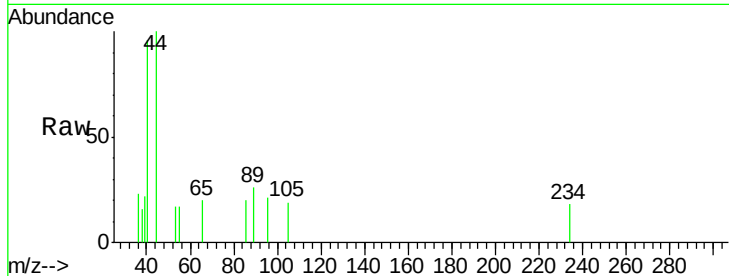
Tgt Ion: 96 Resp: 82

Ion Ratio Lower Upper

96 100

61 0.0 0.0 272.6

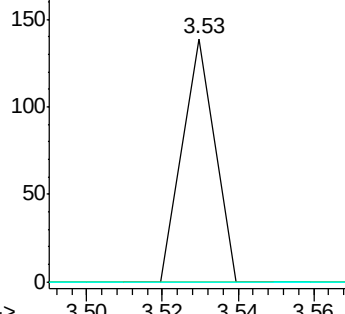
98 0.0 0.0 131.6



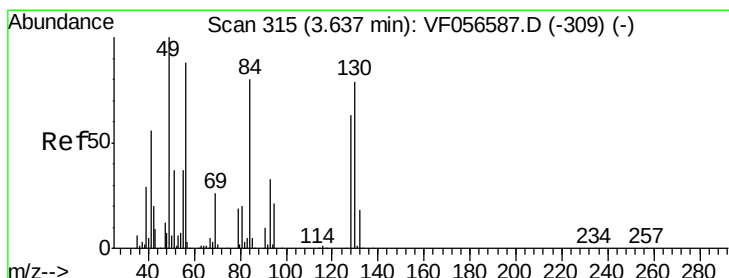
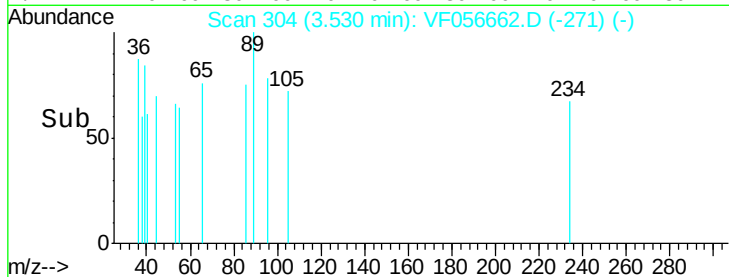
Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 3.66 min Scan# 317

Delta R.T. 0.02 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

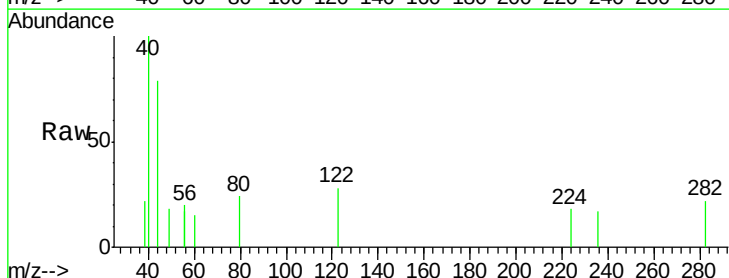
Tgt Ion: 49 Resp: 73

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

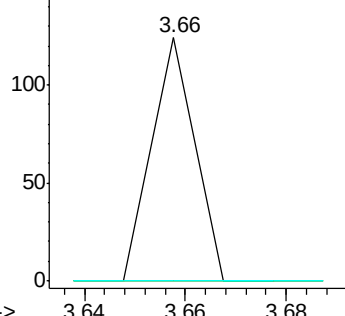
130 0.0 63.4 95.0#



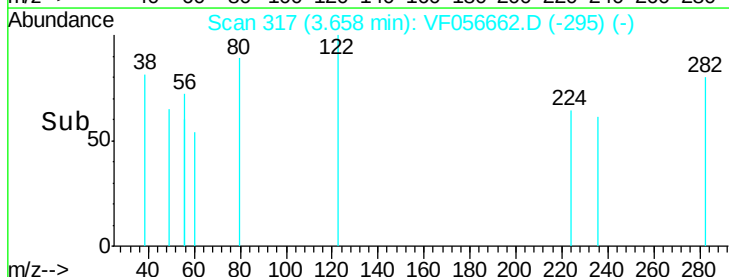
Abundance Ion 49.00 (48.70 to 49.70): VF0

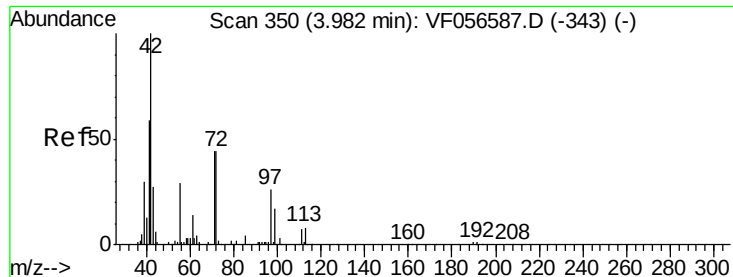
Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->





#29

Tetrahydrofuran

Concen: 22.48 ug/l

RT: 3.98 min Scan# 350

Delta R.T. 0.00 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

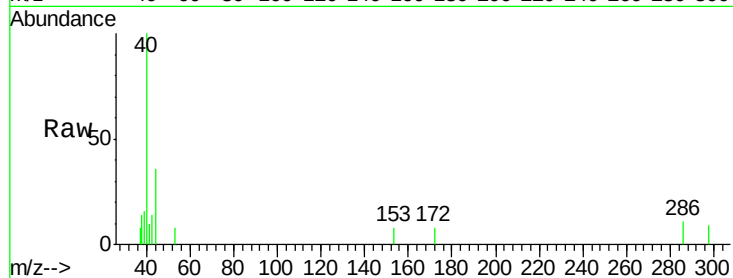
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

72 0.0 34.1 51.1#

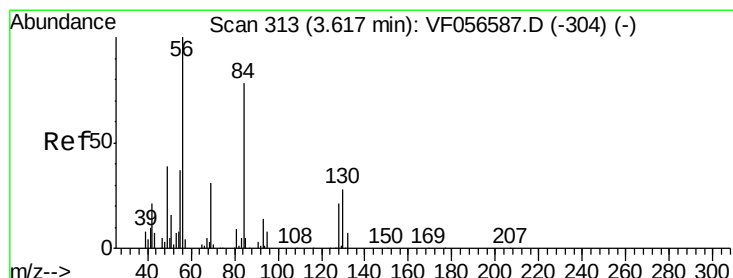
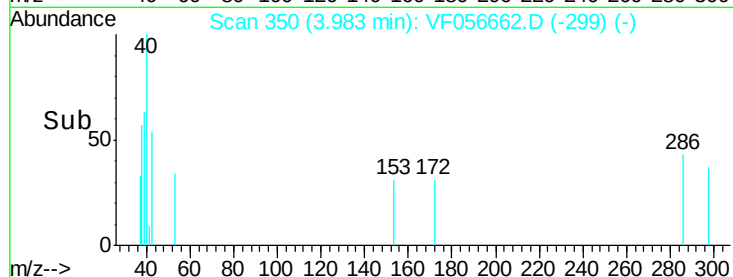
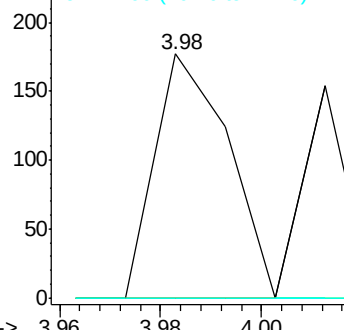
71 0.0 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#31

Cyclohexane

Concen: 6.82 ug/l

RT: 3.67 min Scan# 318

Delta R.T. 0.05 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

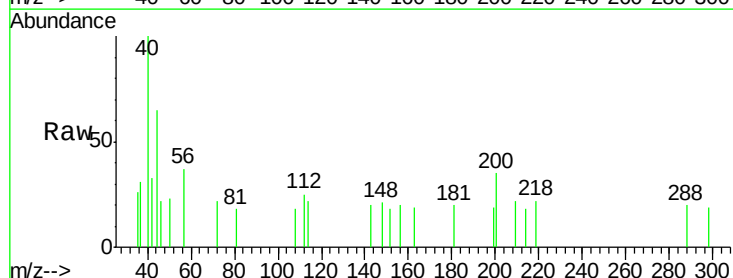
Tgt Ion: 56 Resp: 274

Ion Ratio Lower Upper

56 100

69 0.0 24.7 37.1#

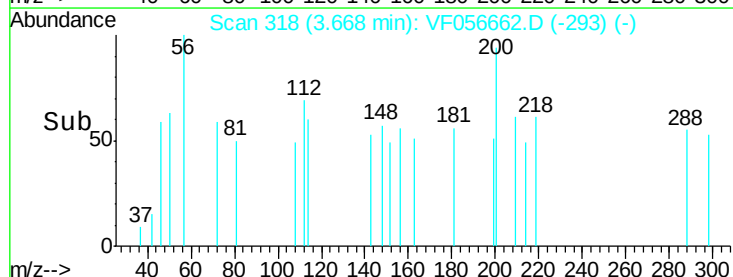
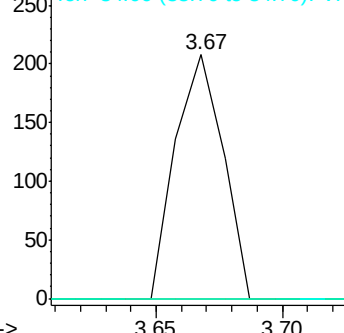
84 0.0 62.9 94.3#

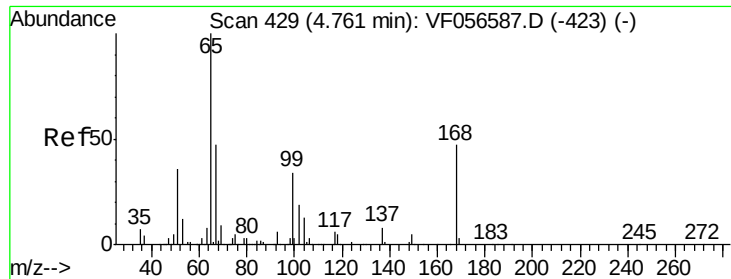


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

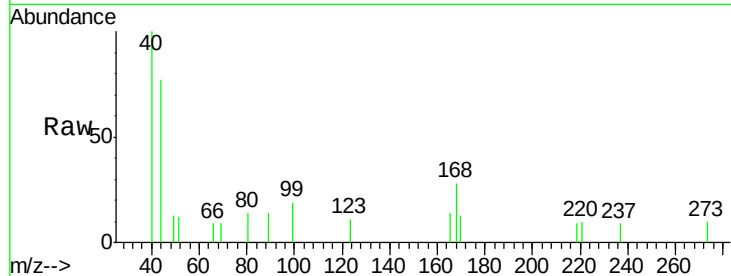




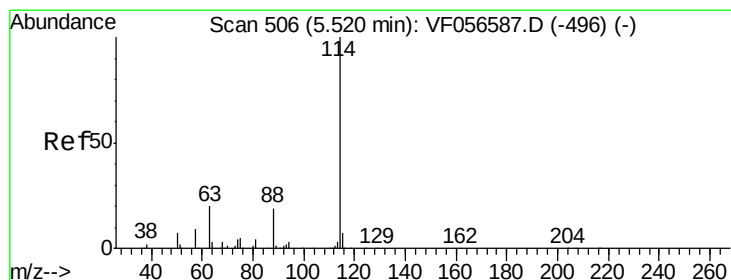
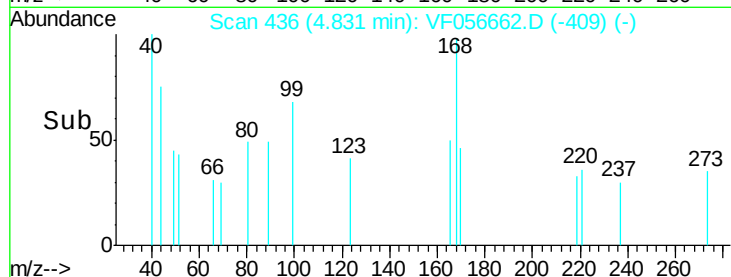
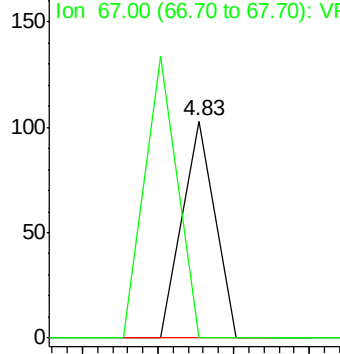
#33
 1,2-Dichloroethane-d4
 Concen: 1.87 ug/l
 RT: 4.83 min Scan# 436
 Delta R.T. 0.07 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

Tgt Ion: 65 Resp: 61
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 103.0

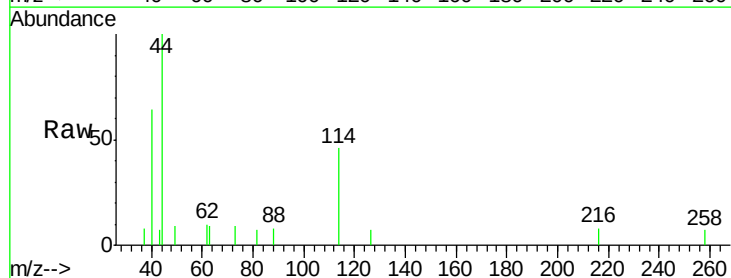


Abundance Ion 65.00 (64.70 to 65.70): VF0
 Ion 67.00 (66.70 to 67.70): VF0

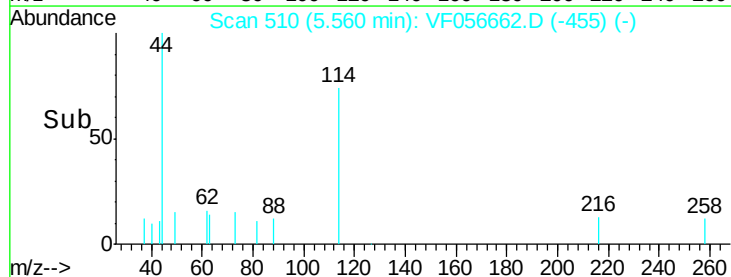
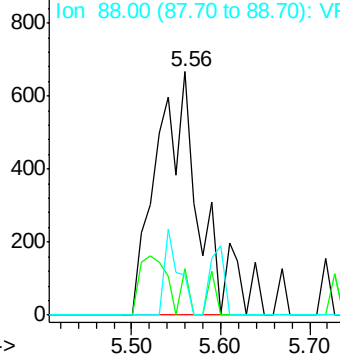


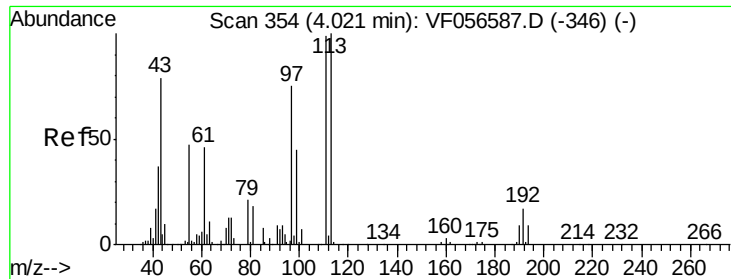
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 510
 Delta R.T. 0.04 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 114 Resp: 2332
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 16.5 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 19.73 ug/l

RT: 4.03 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :
MSVOA_F
ClientSampleId :
72-11977

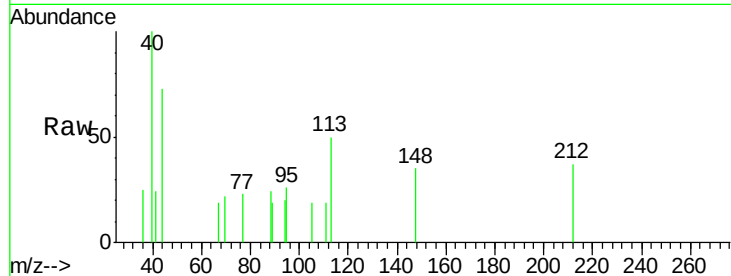
Tgt Ion: 113 Resp: 346

Ion Ratio Lower Upper

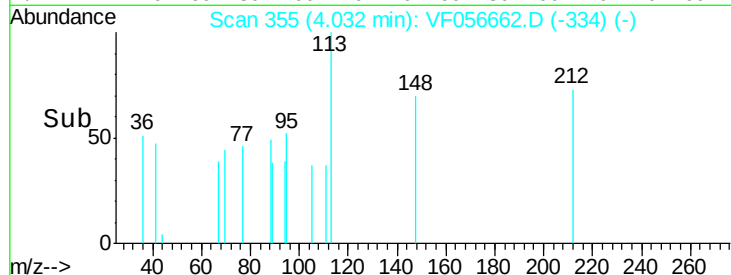
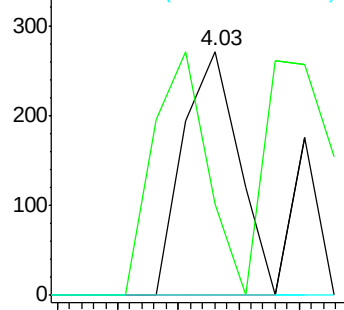
113 100

111 37.3 79.1 118.7#

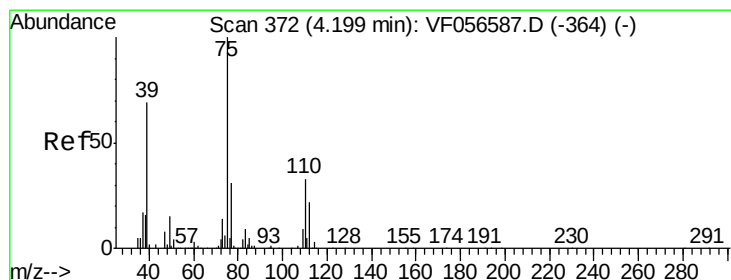
192 0.0 13.9 20.9#



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V



Time-->



#36

1,1-Dichloropropene

Concen: 5.69 ug/l

RT: 4.15 min Scan# 367

Delta R.T. -0.05 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

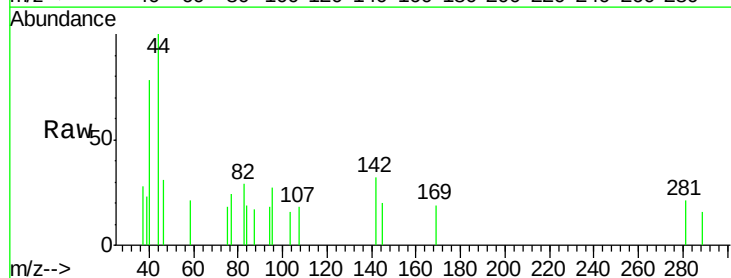
Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

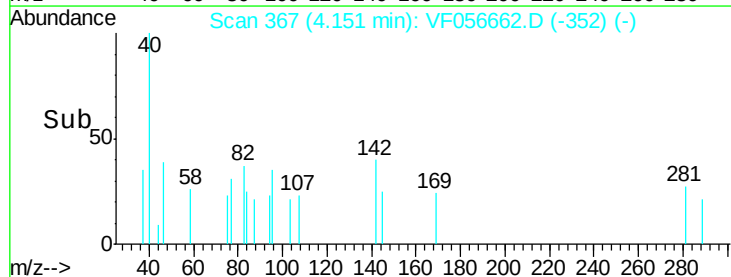
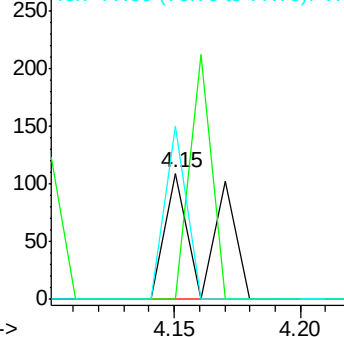
75 100

110 0.0 16.6 49.7#

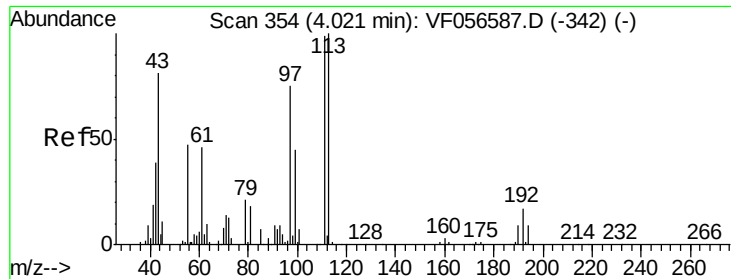
77 137.6 24.5 36.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VF0



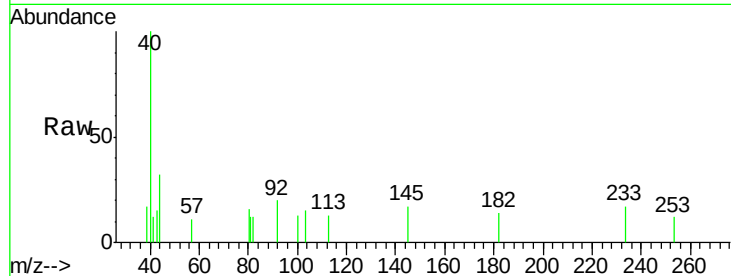
Time-->



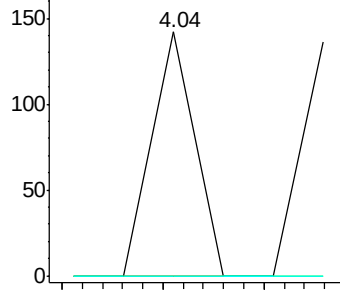
#37
 Ethyl Acetate
 Concen: 4.28 ug/l
 RT: 4.04 min Scan# 356
 Delta R.T. 0.02 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

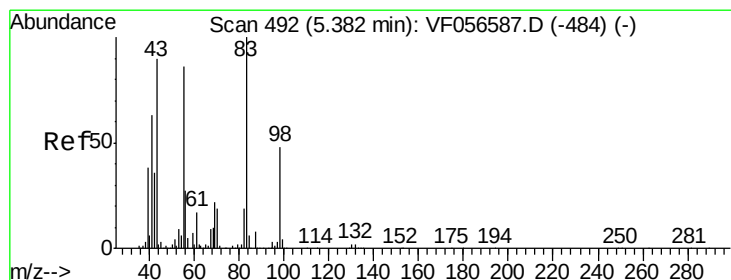
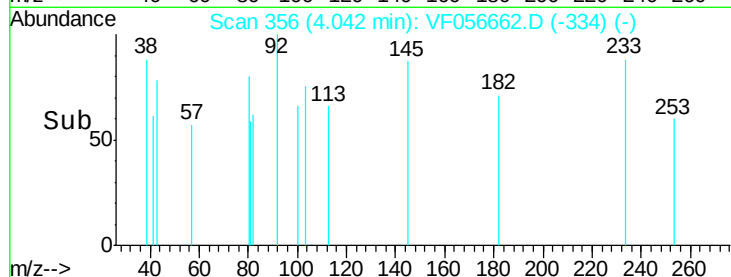
Tgt Ion: 43 Resp: 84
 Ion Ratio Lower Upper
 43 100
 61 0.0 45.4 68.2#
 70 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 70.00 (69.70 to 70.70): VF0

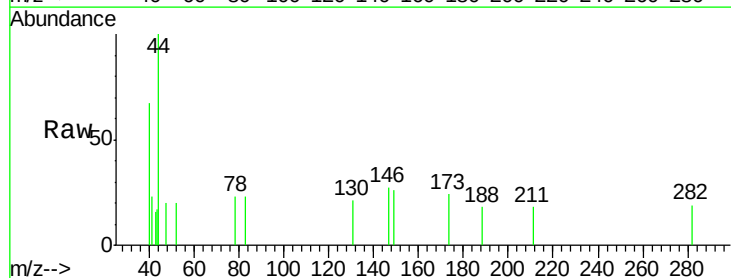


Time--> 4.02 4.04 4.06

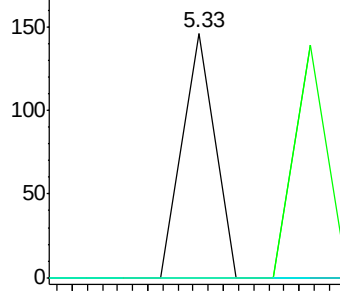


#39
 Methylcyclohexane
 Concen: 3.62 ug/l
 RT: 5.33 min Scan# 487
 Delta R.T. -0.05 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

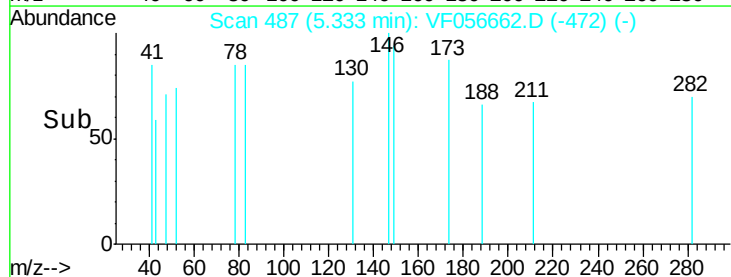
Tgt Ion: 83 Resp: 86
 Ion Ratio Lower Upper
 83 100
 55 0.0 68.7 103.1#
 98 0.0 38.0 57.0#

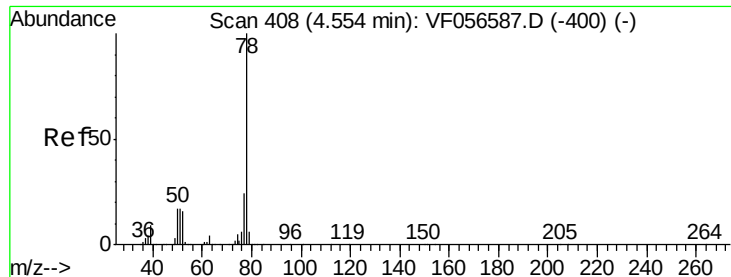


Abundance Ion 83.00 (82.70 to 83.70): VF0
 Ion 55.00 (54.70 to 55.70): VF0
 Ion 98.00 (97.70 to 98.70): VF0



Time--> 5.30 5.32 5.34 5.36





#40

Benzene

Concen: 1.36 ug/l

RT: 4.52 min Scan# 404

Delta R.T. -0.04 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

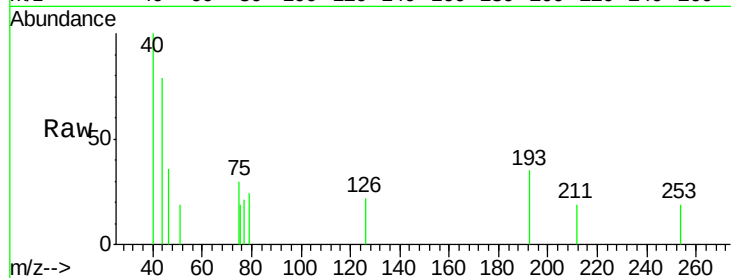
72-11977

Tgt Ion: 78 Resp: 76

Ion Ratio Lower Upper

78 100

77 89.1 19.0 28.6#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

200

150

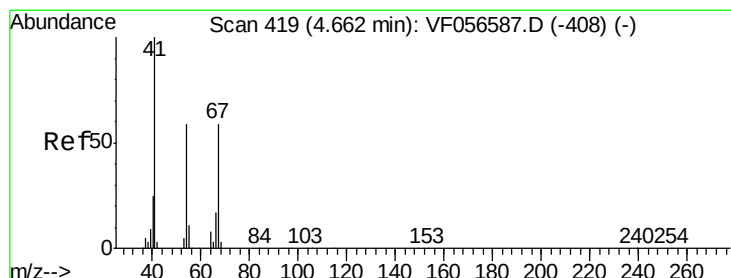
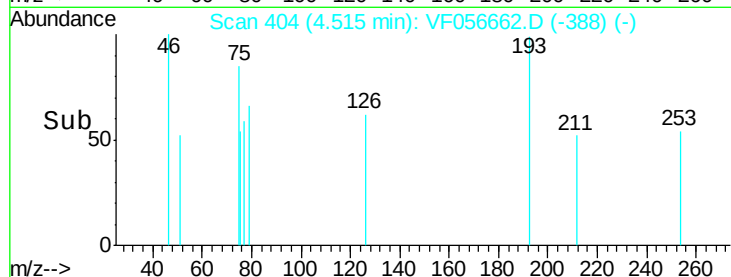
100

50

0

4.48 4.50 4.52 4.54

Time-->



#41

Methacrylonitrile

Concen: 19.41 ug/l

RT: 4.66 min Scan# 419

Delta R.T. 0.00 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Tgt Ion: 41 Resp: 185

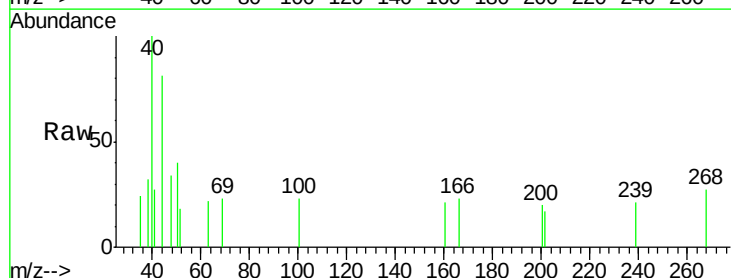
Ion Ratio Lower Upper

41 100

39 0.0 48.2 72.4#

67 0.0 46.9 70.3#

52 0.0 32.6 48.8#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

300

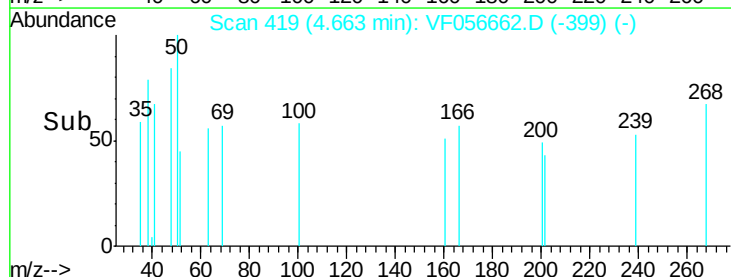
200

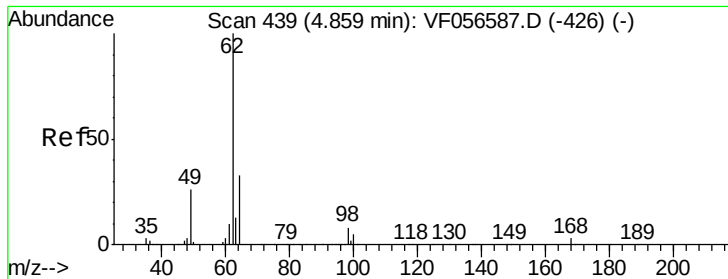
100

0

4.64 4.66 4.68

Time-->

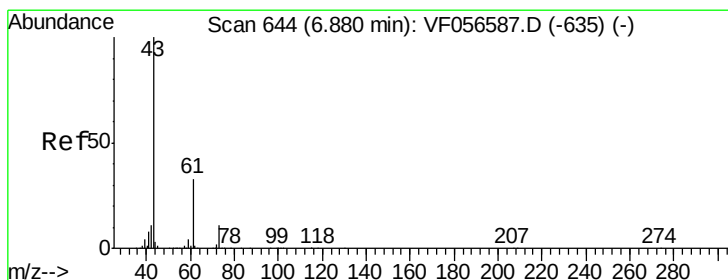
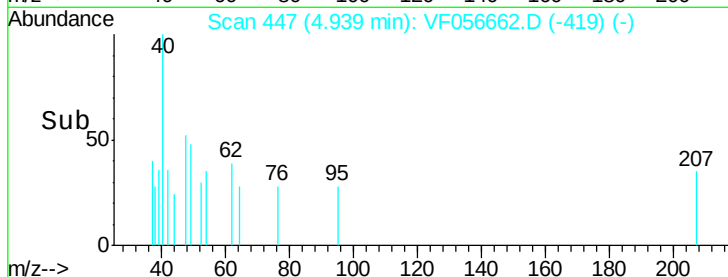
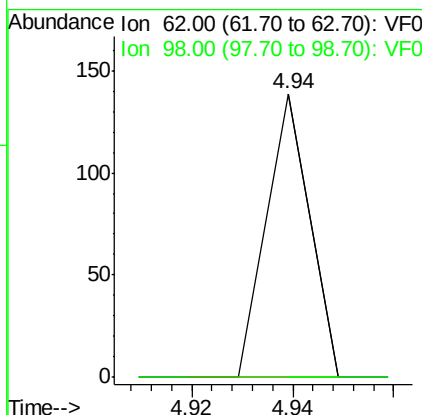
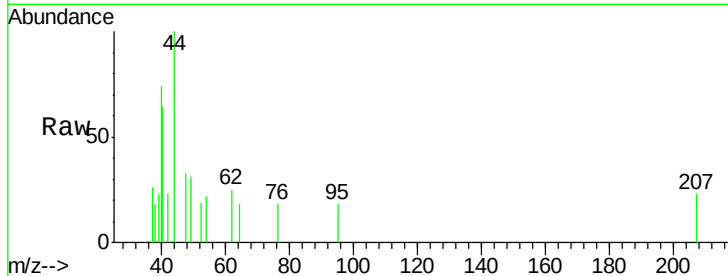




#42
 1,2-Dichloroethane
 Concen: 3.79 ug/l
 RT: 4.94 min Scan# 447
 Delta R.T. 0.08 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

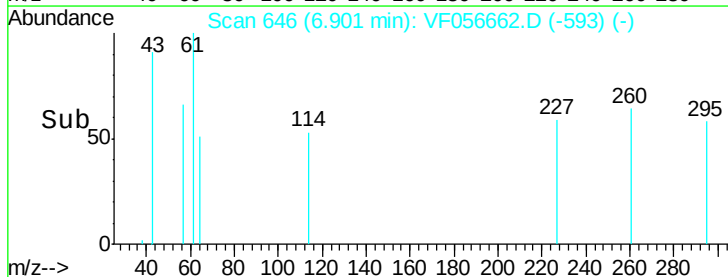
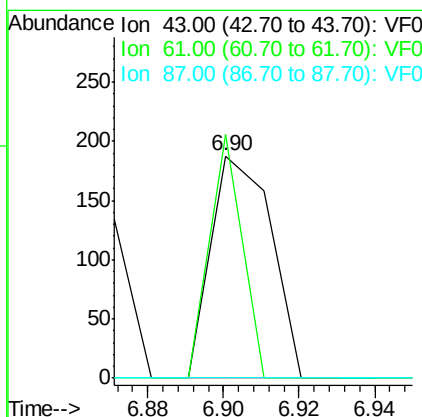
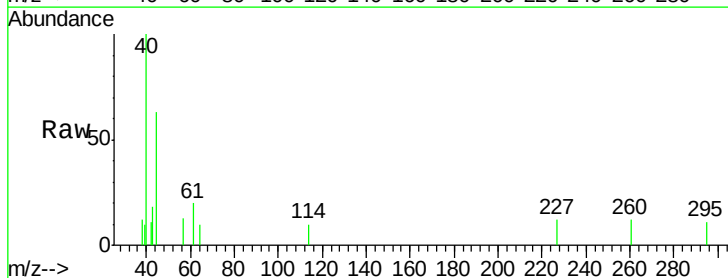
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

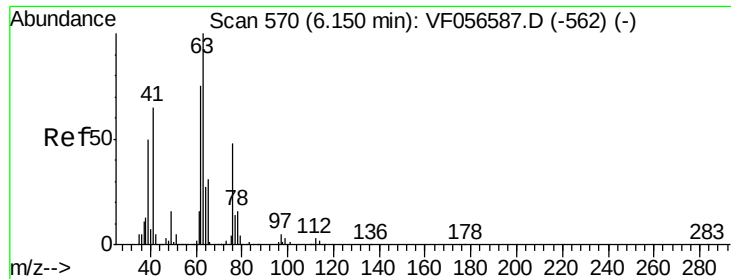
Tgt Ion: 62 Resp: 82
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 17.0



#43
 Isopropyl Acetate
 Concen: 8.52 ug/l
 RT: 6.90 min Scan# 646
 Delta R.T. 0.02 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 43 Resp: 205
 Ion Ratio Lower Upper
 43 100
 61 109.6 26.5 39.7#
 87 0.0 0.2 0.4#

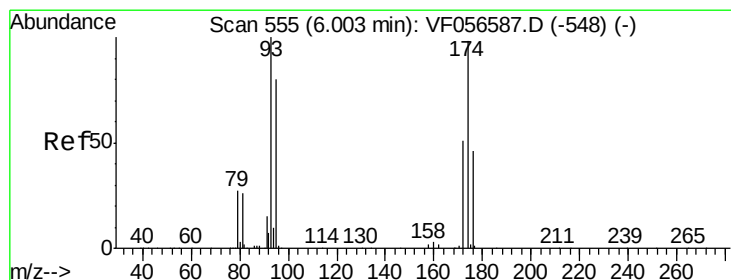
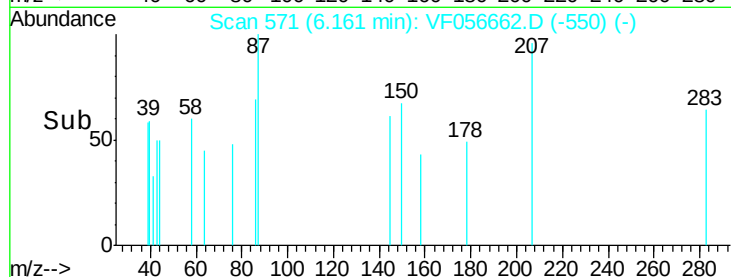
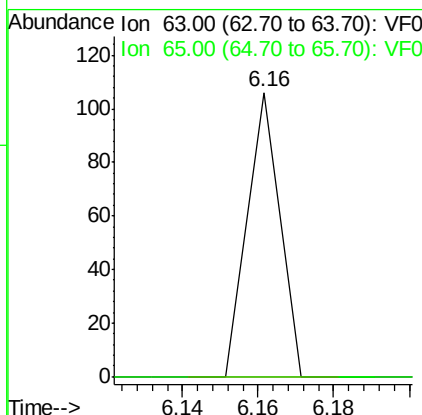
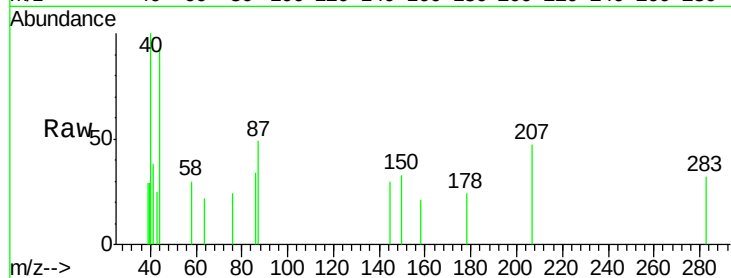




#45
 1,2-Dichloropropane
 Concen: 3.97 ug/l
 RT: 6.16 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

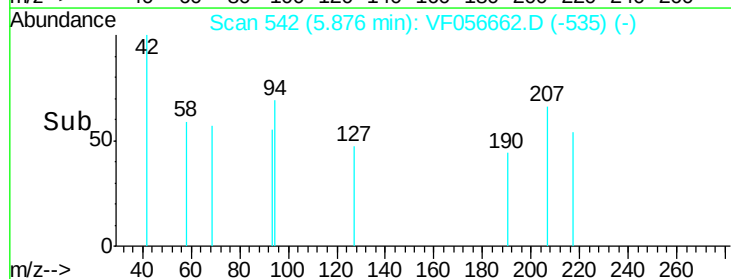
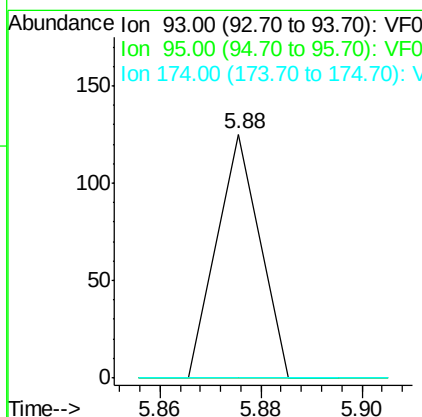
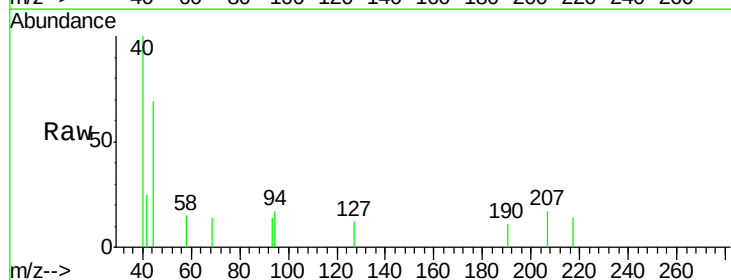
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

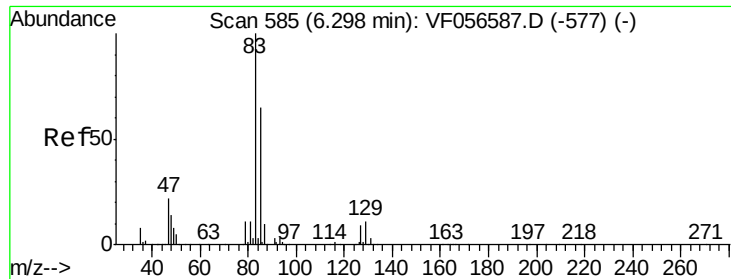
Tgt Ion: 63 Resp: 63
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#46
 Dibromomethane
 Concen: 6.06 ug/l
 RT: 5.88 min Scan# 542
 Delta R.T. -0.13 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 93 Resp: 74
 Ion Ratio Lower Upper
 93 100
 95 0.0 63.9 95.9#
 174 0.0 78.6 118.0#





#47

Bromodichloromethane

Concen: 2.70 ug/l

RT: 6.33 min Scan# 588

Delta R.T. 0.03 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

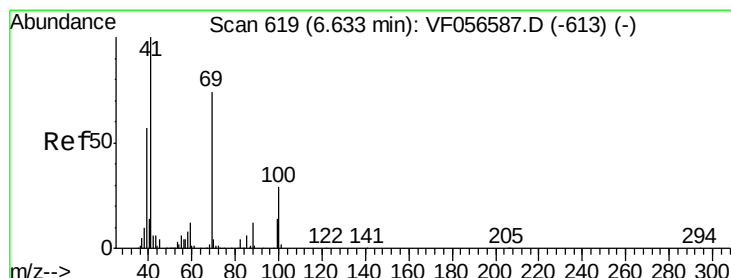
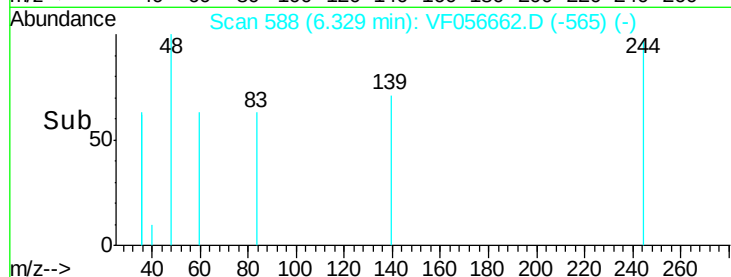
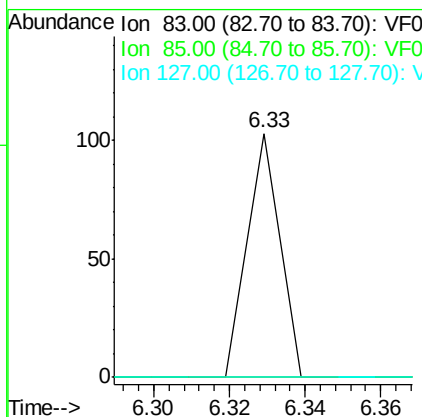
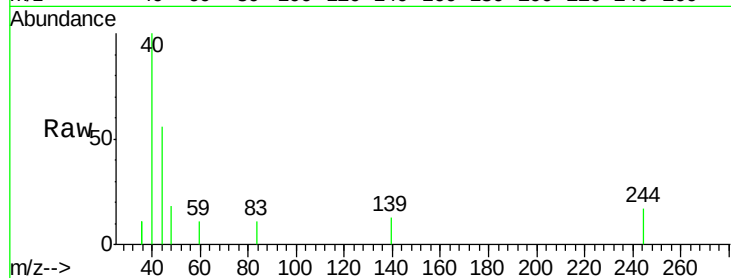
Instrument :

MSVOA_F

ClientSampleId :

72-11977

Tgt Ion:	83	Resp:	61
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.1	78.1#
127	0.0	7.0	10.4#



#48

Methyl methacrylate

Concen: 4.75 ug/l

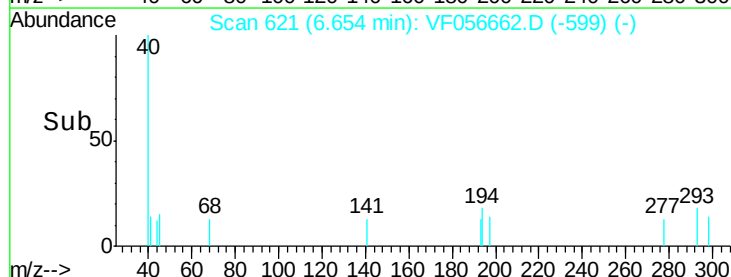
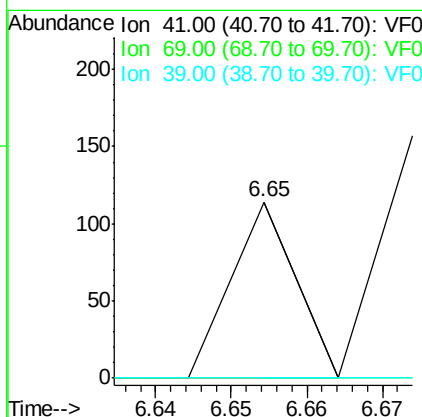
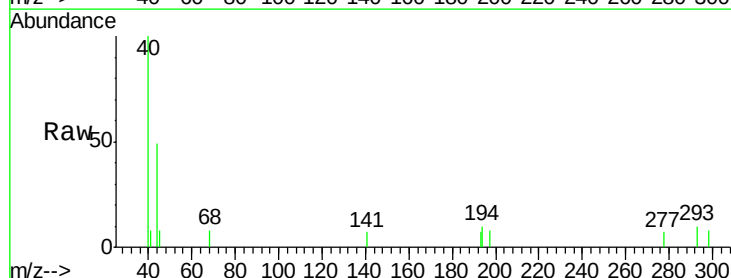
RT: 6.65 min Scan# 621

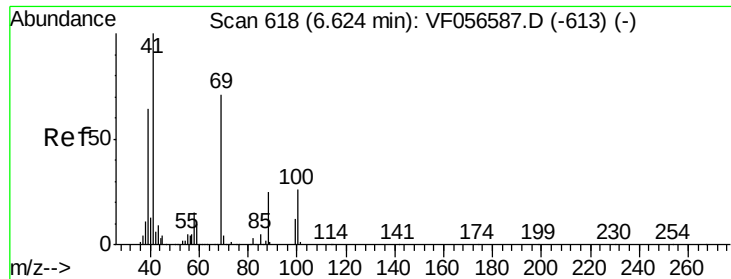
Delta R.T. 0.02 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Tgt Ion:	41	Resp:	67
Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.8	88.2#
39	0.0	46.1	69.1#

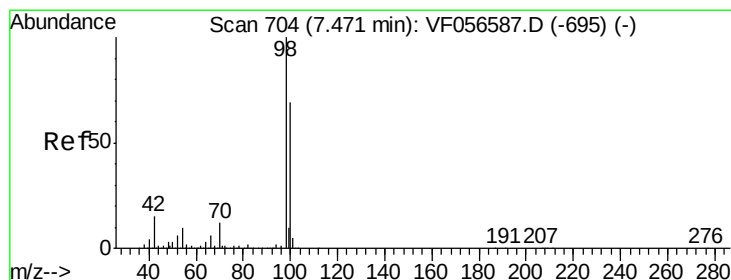
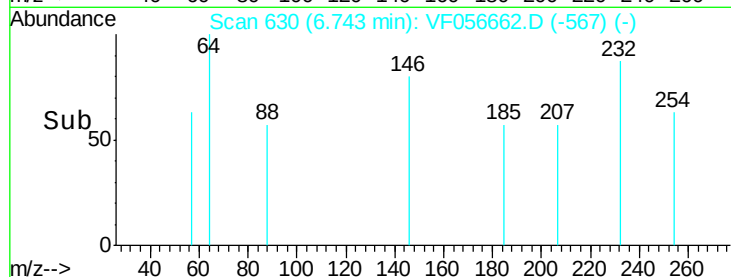
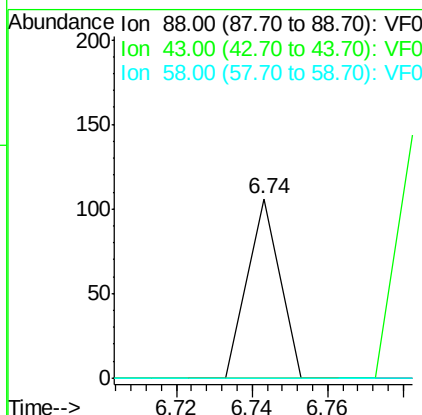
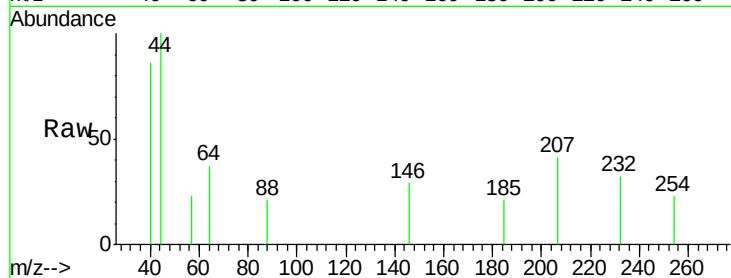




#49
 1,4-Dioxane
 Concen: 433.32 ug/l
 RT: 6.74 min Scan# 630
 Delta R.T. 0.12 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

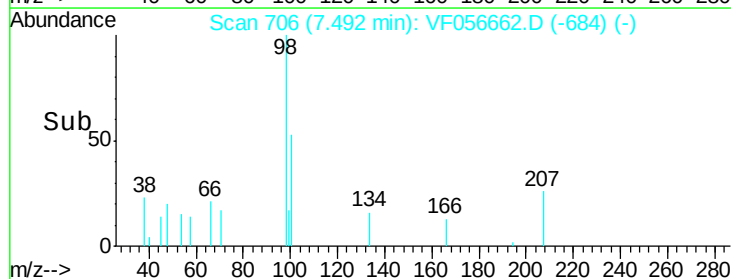
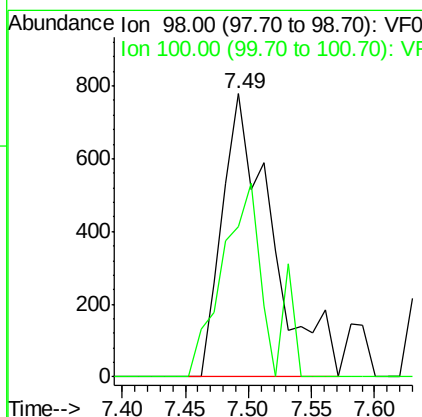
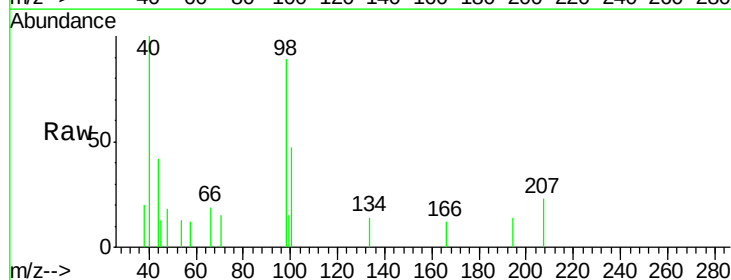
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

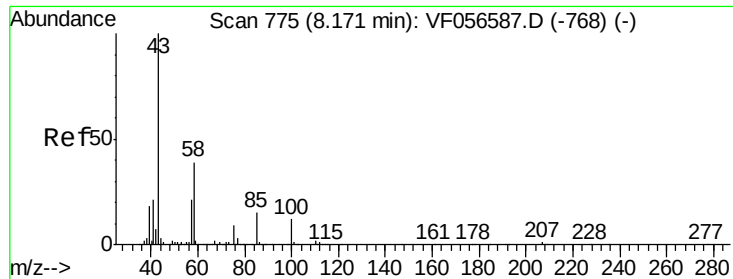
Tgt Ion: 88 Resp: 63
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.8 46.2#
 58 0.0 49.8 74.6#



#50
 Toluene-d8
 Concen: 40.48 ug/l
 RT: 7.49 min Scan# 706
 Delta R.T. 0.02 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 98 Resp: 2128
 Ion Ratio Lower Upper
 98 100
 100 53.1 55.4 83.0#

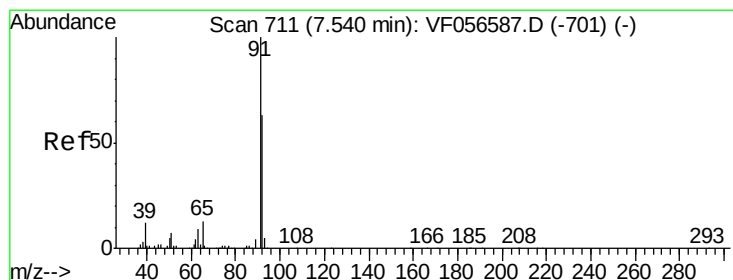
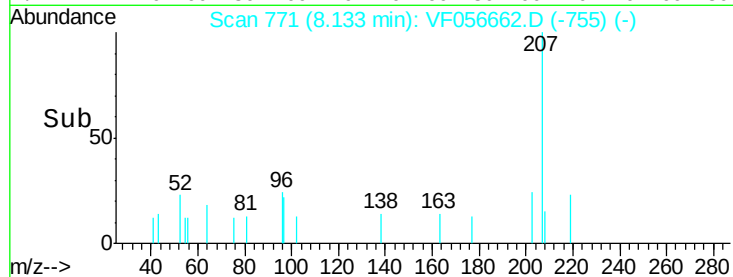
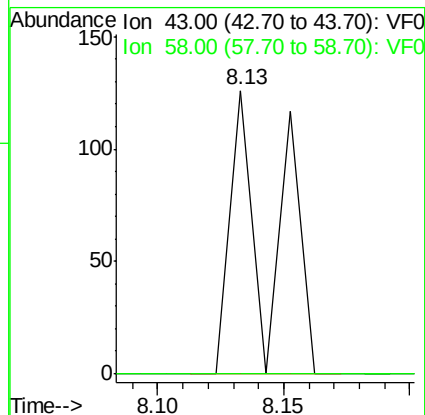
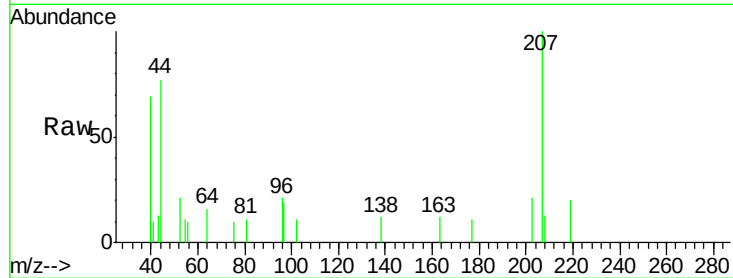




#51
 4-Methyl-2-Pentanone
 Concen: 8.75 ug/l
 RT: 8.13 min Scan# 771
 Delta R.T. -0.04 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

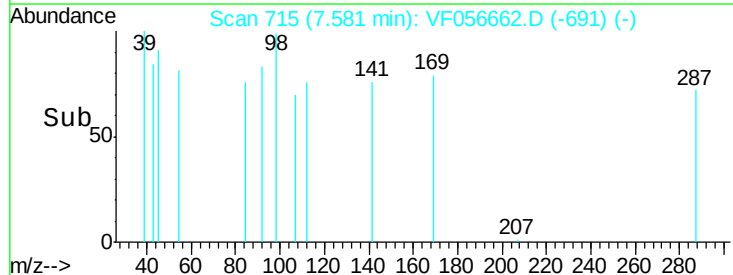
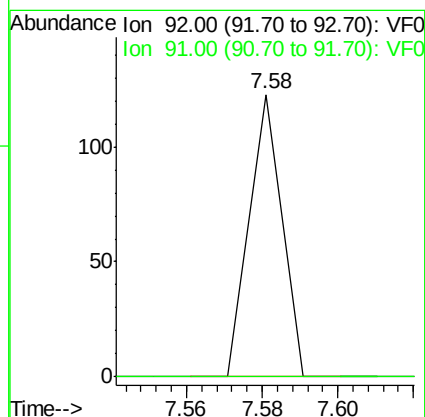
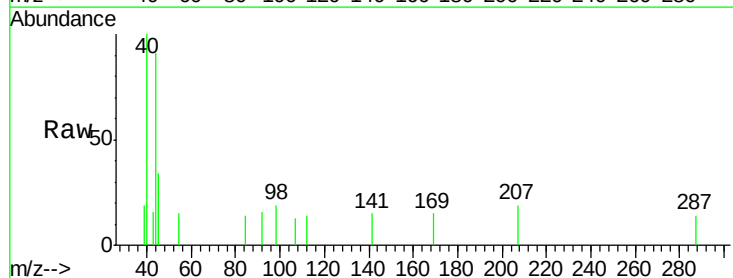
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

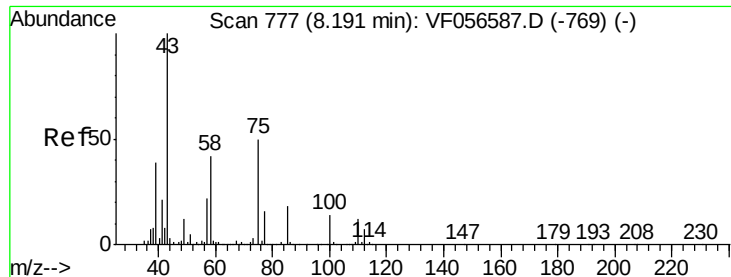
Tgt Ion: 43 Resp: 144
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.9 46.3#



#52
 Toluene
 Concen: 1.97 ug/l
 RT: 7.58 min Scan# 715
 Delta R.T. 0.04 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 92 Resp: 73
 Ion Ratio Lower Upper
 92 100
 91 0.0 127.2 190.8#





#53

t-1,3-Dichloropropene

Concen: 3.96 ug/l

RT: 8.28 min Scan# 786

Delta R.T. 0.09 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

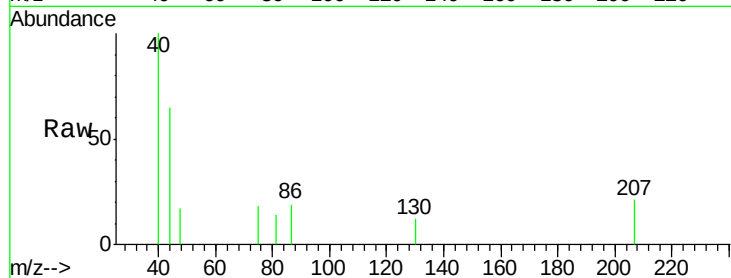
72-11977

Tgt Ion: 75 Resp: 90

Ion Ratio Lower Upper

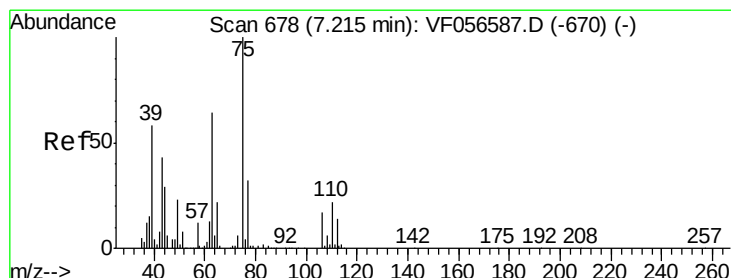
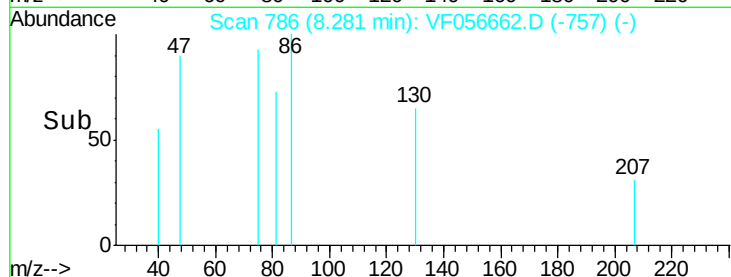
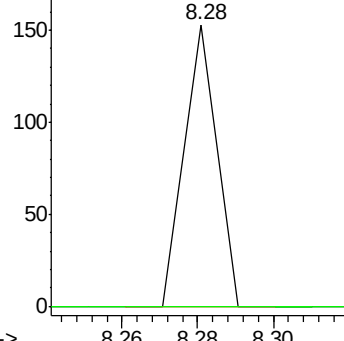
75 100

77 0.0 25.0 37.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 3.22 ug/l

RT: 7.24 min Scan# 680

Delta R.T. 0.02 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

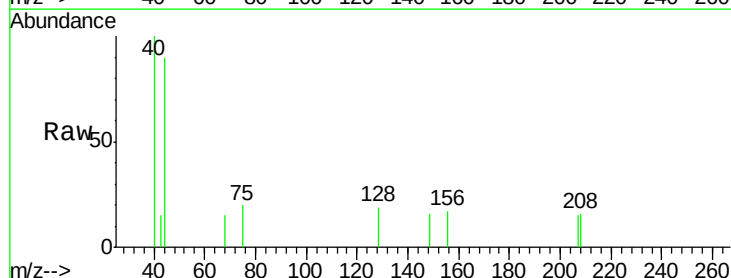
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

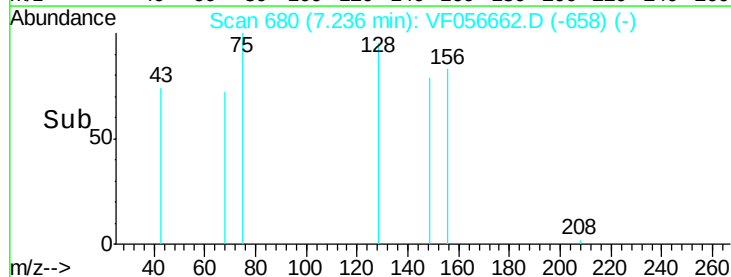
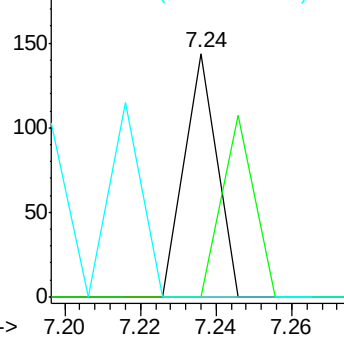
39 0.0 47.0 70.6#

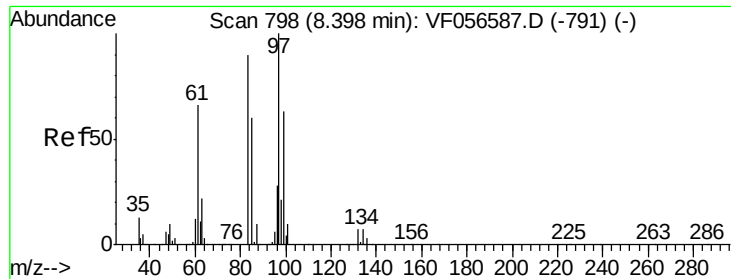


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 4.36 ug/l

RT: 8.46 min Scan# 804

Delta R.T. 0.06 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

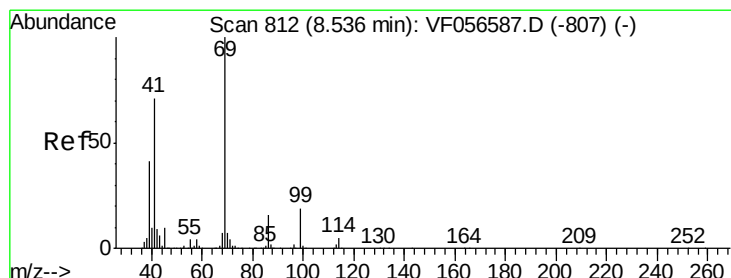
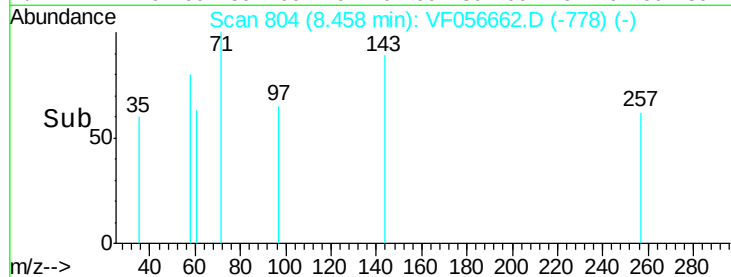
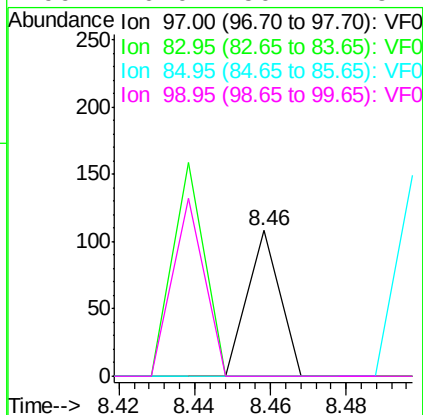
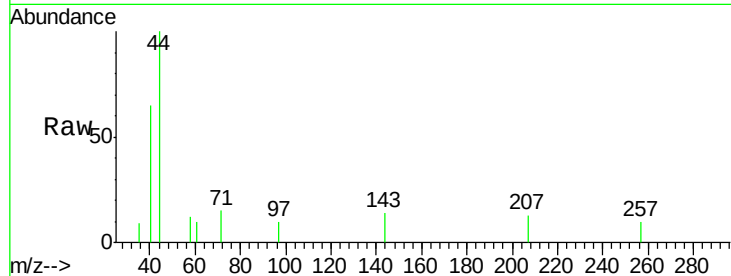
Instrument :

MSVOA_F

ClientSampleId :

72-11977

Tgt Ion:	97	Resp:	64
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.8	107.8#
85	0.0	48.0	72.0#
99	0.0	50.2	75.2#



#56

Ethyl methacrylate

Concen: 3.18 ug/l

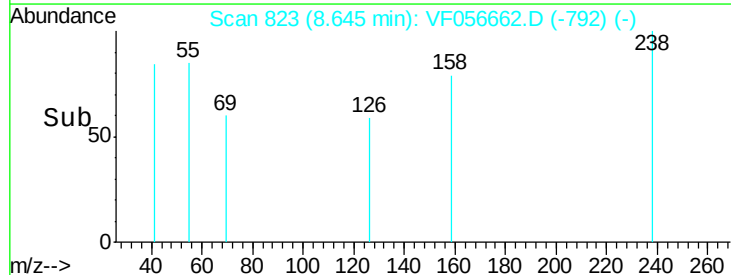
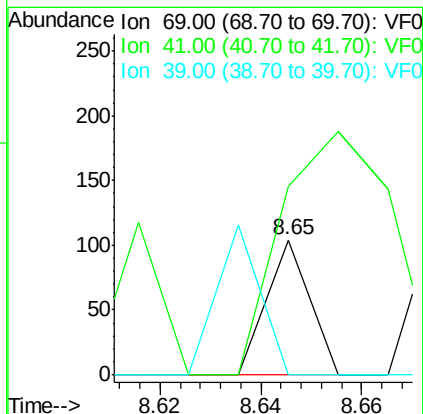
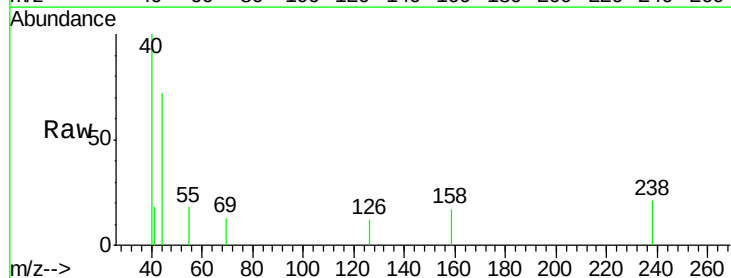
RT: 8.65 min Scan# 823

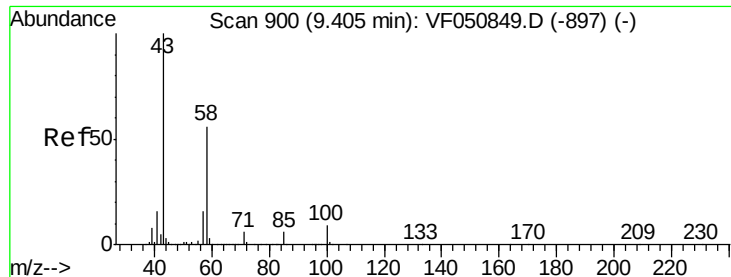
Delta R.T. 0.11 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Tgt Ion:	69	Resp:	61
Ion	Ratio	Lower	Upper
69	100		
41	139.4	57.2	85.8#
39	0.0	33.0	49.6#

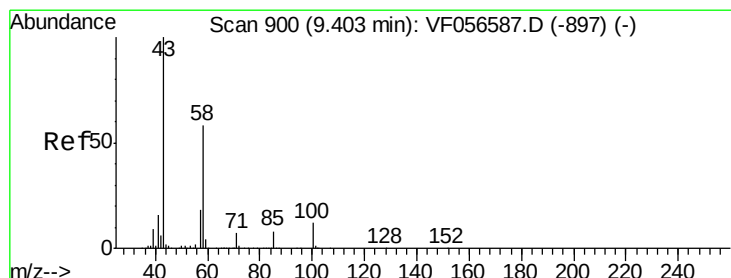
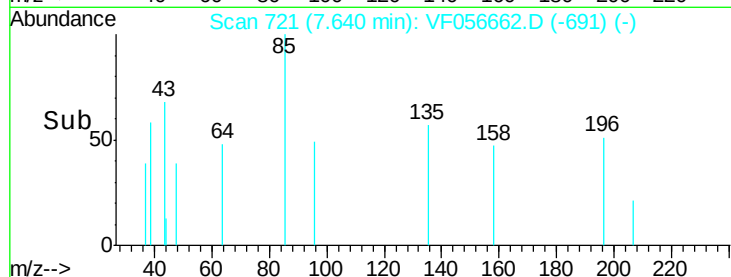
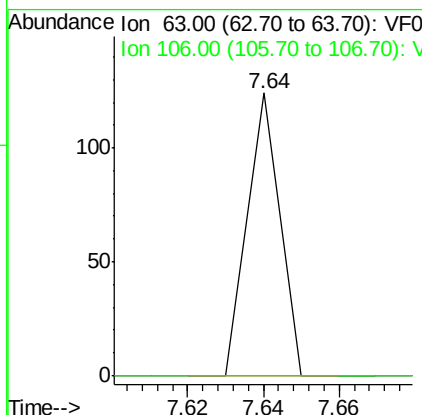
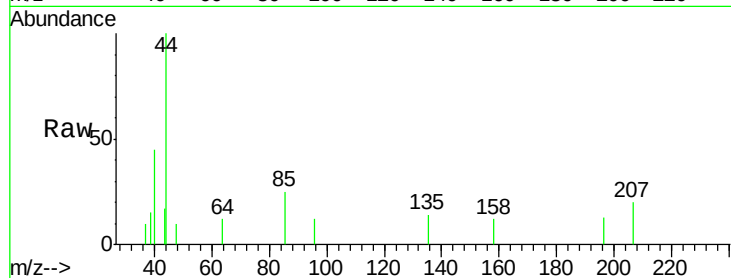




#58
 2-Chloroethyl Vinyl ether
 Concen: 27.99 ug/l
 RT: 7.64 min Scan# 721
 Delta R.T. 0.10 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

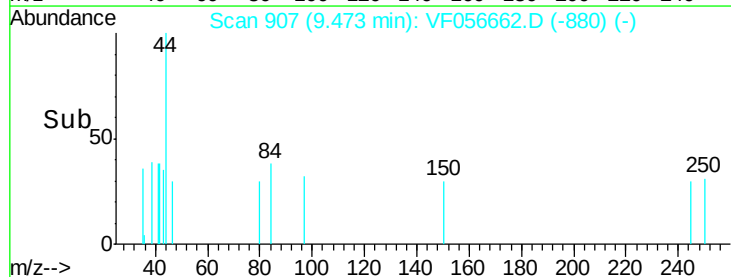
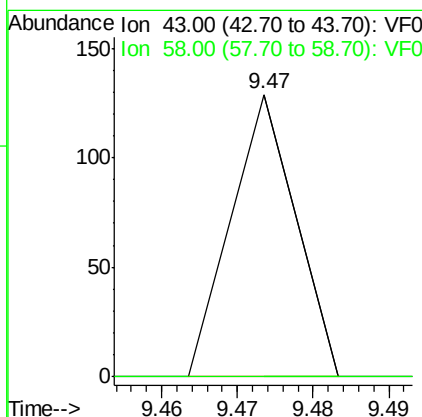
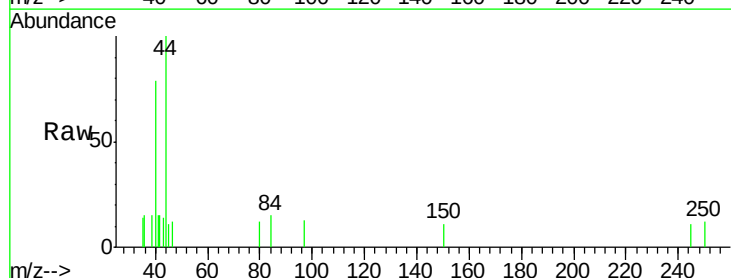
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

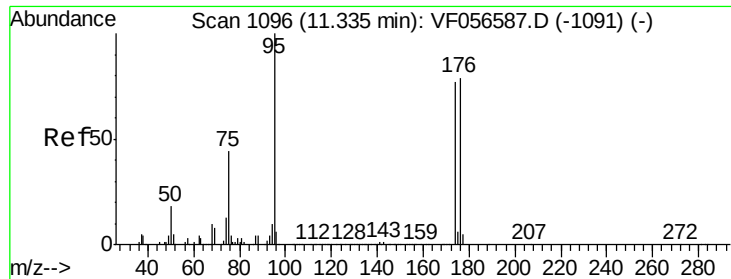
Tgt Ion: 63 Resp: 73
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 5.69 ug/l
 RT: 9.47 min Scan# 907
 Delta R.T. 0.07 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion: 43 Resp: 76
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.6 79.7#





#62

4-Bromofluorobenzene

Concen: 4.77 ug/l

RT: 11.43 min Scan# 1105

Delta R.T. 0.09 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

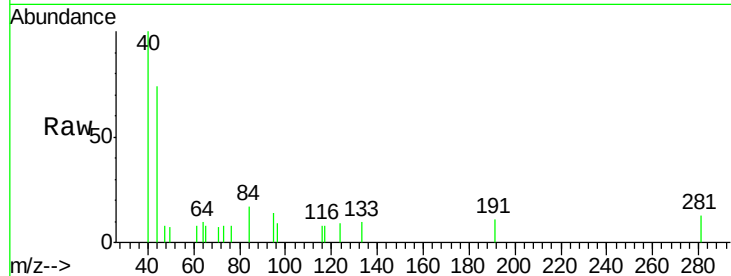
Tgt Ion: 95 Resp: 114

Ion Ratio Lower Upper

95 100

174 0.0 0.0 154.2

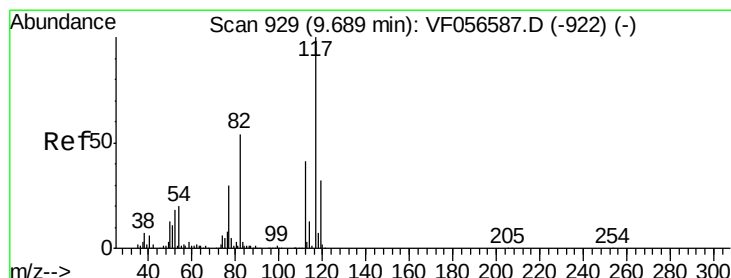
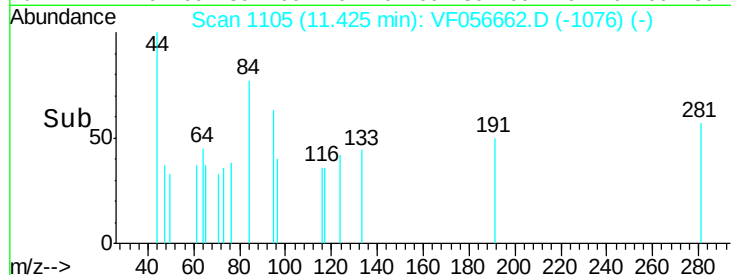
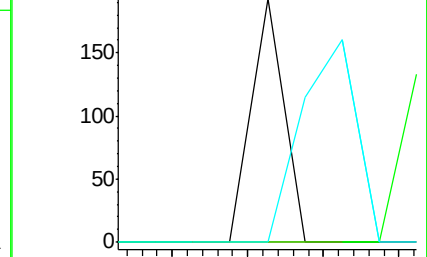
176 0.0 0.0 157.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.76 min Scan# 936

Delta R.T. 0.07 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

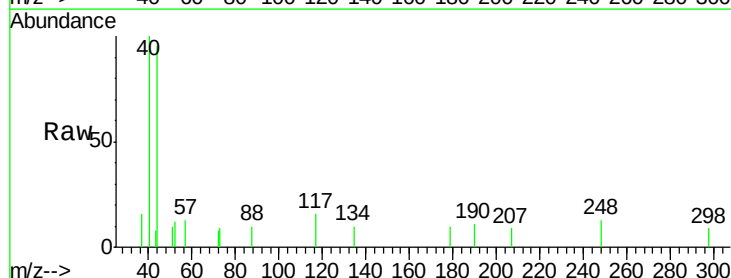
Tgt Ion: 117 Resp: 184

Ion Ratio Lower Upper

117 100

82 0.0 43.0 64.6#

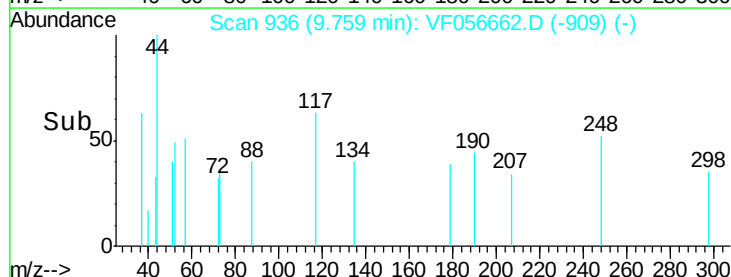
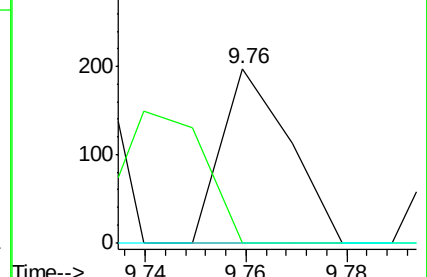
119 0.0 25.5 38.3#

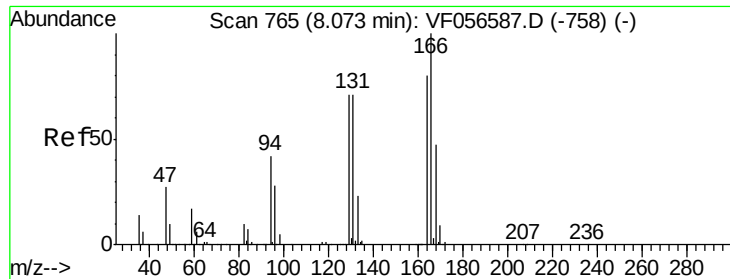


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 46.82 ug/l

RT: 8.00 min Scan# 758

Delta R.T. -0.07 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

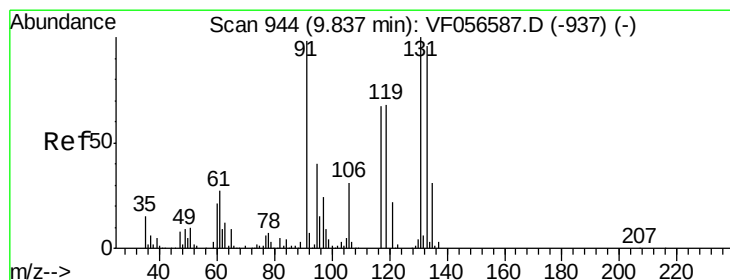
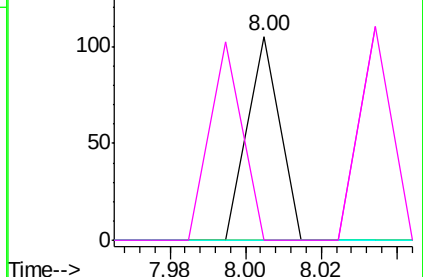
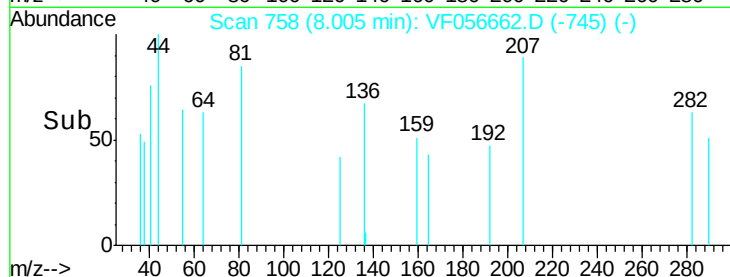
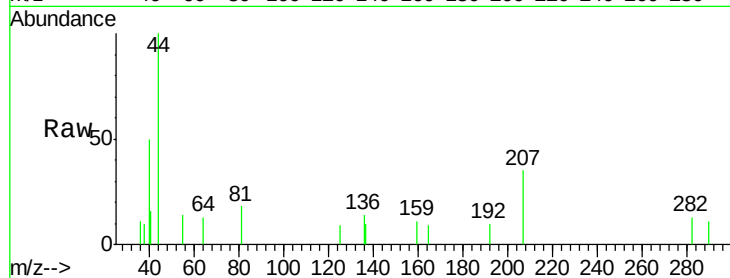
Instrument :

MSVOA_F

ClientSampleId :

72-11977

Tgt Ion:	164	Resp:	62
Ion	Ratio	Lower	Upper
164	100		
166	0.0	100.3	150.5#
129	0.0	71.4	107.0#
131	0.0	71.7	107.5#



#66

1,1,1,2-Tetrachloroethane

Concen: 79.66 ug/l

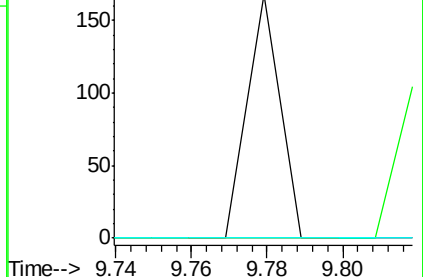
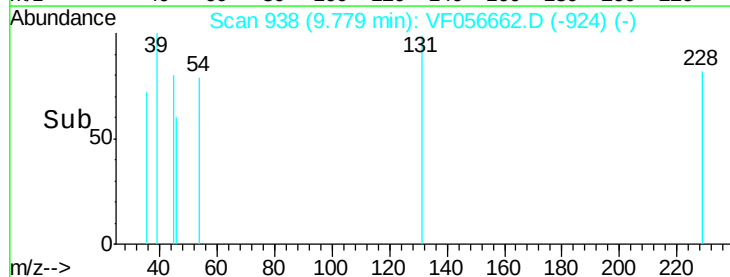
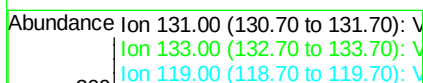
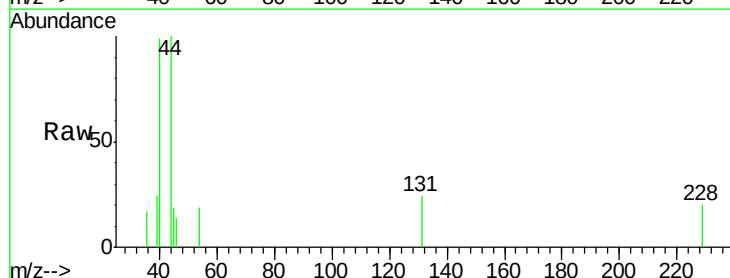
RT: 9.78 min Scan# 938

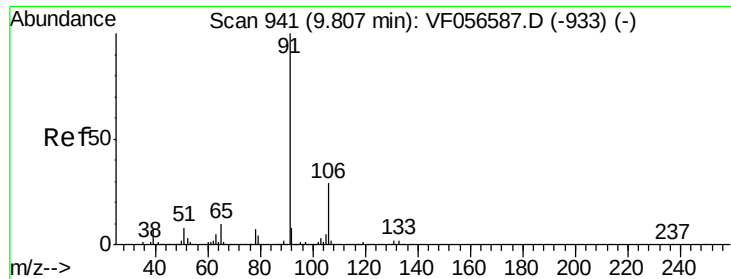
Delta R.T. -0.06 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Tgt Ion:	131	Resp:	99
Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.2	144.6#
119	0.0	34.0	101.8#





#67

Ethyl Benzene

Concen: 9.92 ug/l

RT: 9.66 min Scan# 926

Delta R.T. -0.15 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

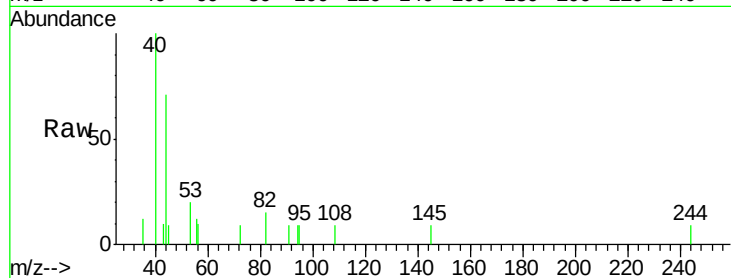
72-11977

Tgt Ion: 91 Resp: 61

Ion Ratio Lower Upper

91 100

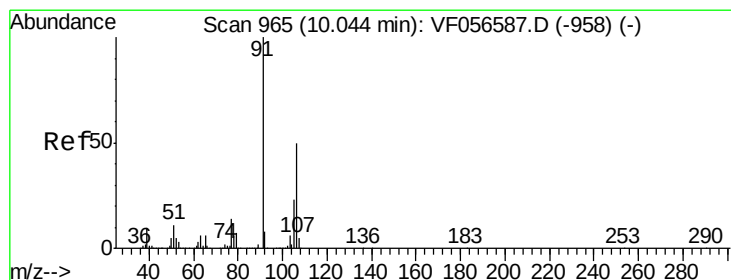
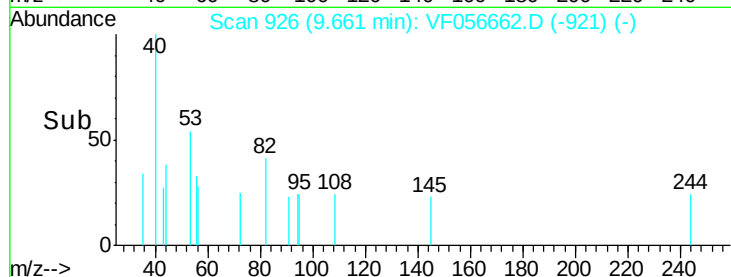
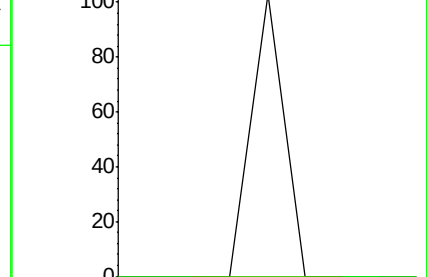
106 0.0 23.2 34.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.66



#68

m/p-Xylenes

Concen: 26.68 ug/l

RT: 10.18 min Scan# 979

Delta R.T. 0.14 min

Lab File: VF056662.D

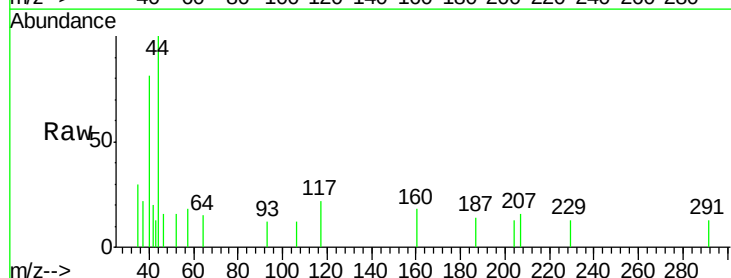
Acq: 23 Feb 2018 18:17

Tgt Ion: 106 Resp: 60

Ion Ratio Lower Upper

106 100

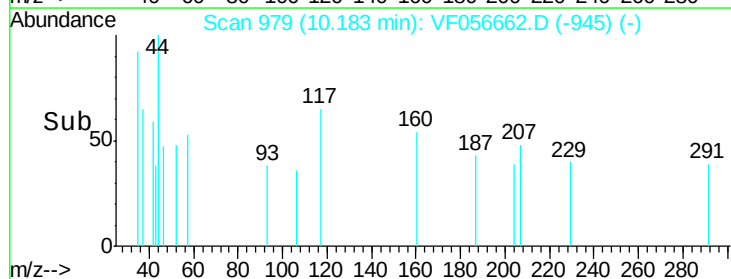
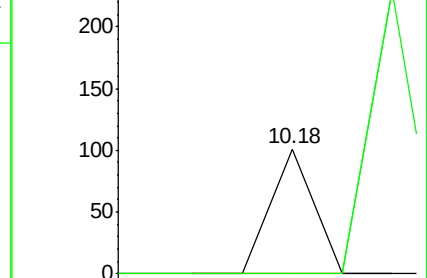
91 0.0 159.2 238.8#

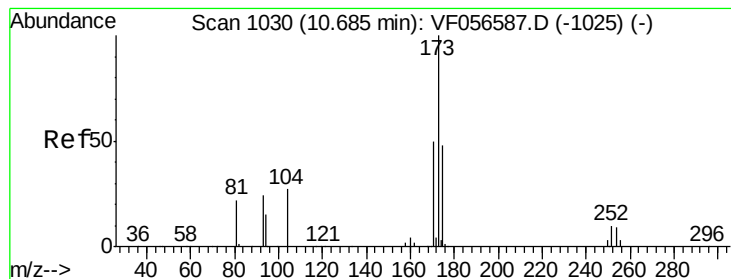


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.18





#71

Bromoform

Concen: 86.46 ug/l

RT: 10.69 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

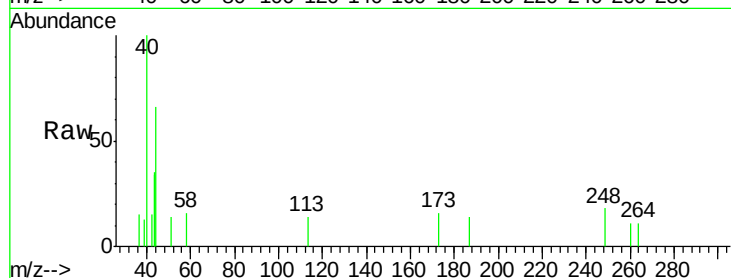
Tgt Ion:173 Resp: 86

Ion Ratio Lower Upper

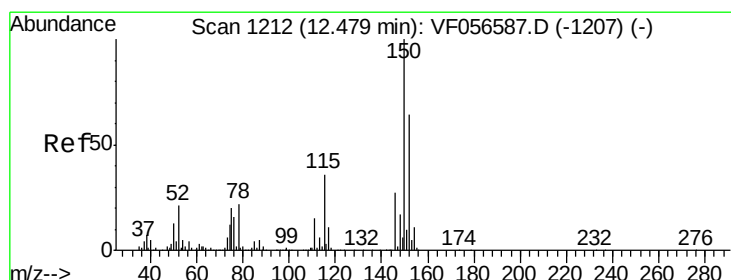
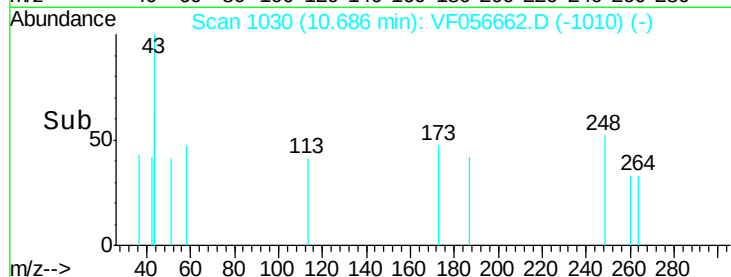
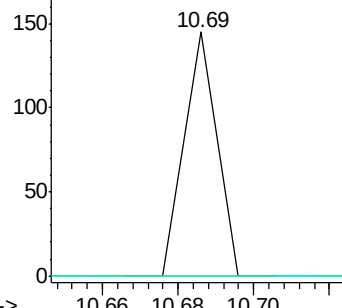
173 100

175 0.0 24.0 72.0#

254 0.0 7.5 11.3#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.45 min Scan# 1209

Delta R.T. -0.03 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

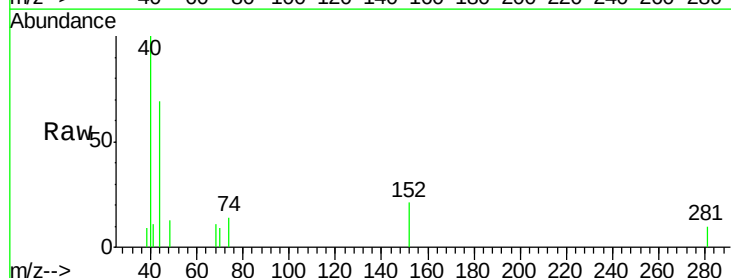
Tgt Ion:152 Resp: 141

Ion Ratio Lower Upper

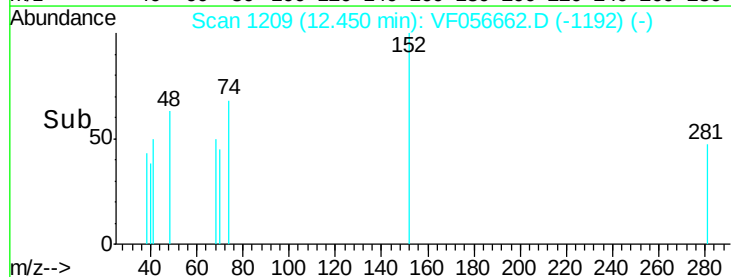
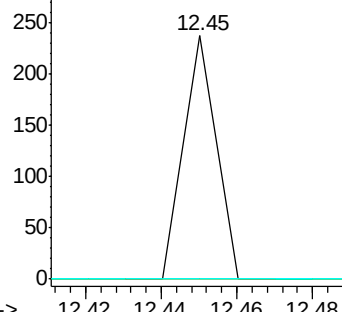
152 100

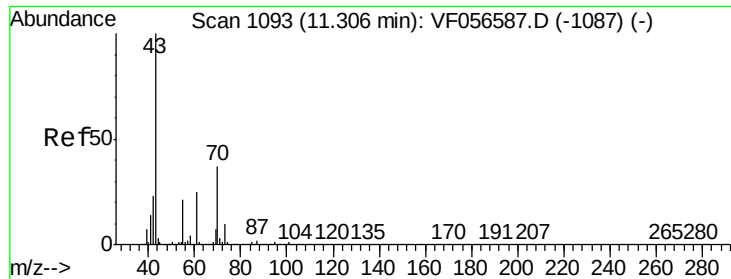
115 0.0 28.1 84.3#

150 0.0 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#74

N-ethyl acetate

Concen: 87.37 ug/l

RT: 11.34 min Scan# 1096

Delta R.T. 0.03 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

Tgt Ion: 43 Resp: 363

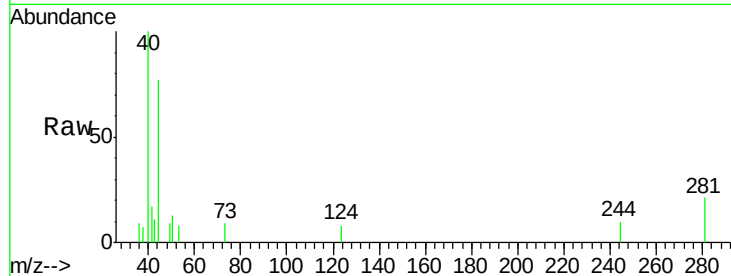
Ion Ratio Lower Upper

43 100

70 0.0 29.5 44.3#

55 0.0 17.0 25.4#

61 0.0 20.0 30.0#



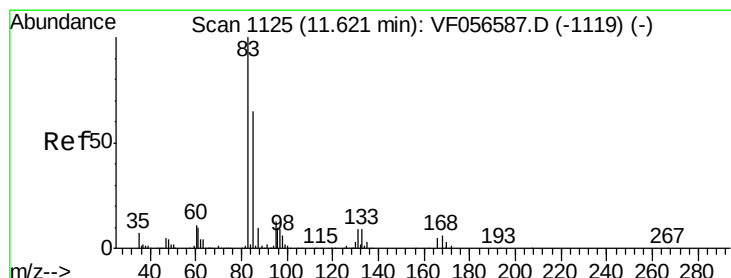
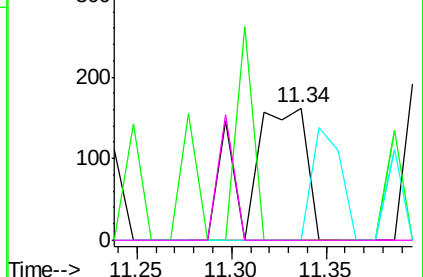
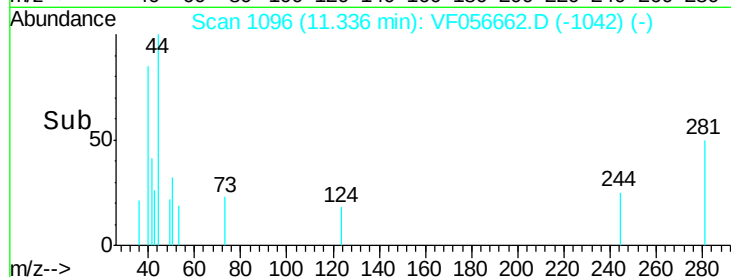
Abundance Ion 43.00 (42.70 to 43.70): VF0

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

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 28.47 ug/l

RT: 11.62 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

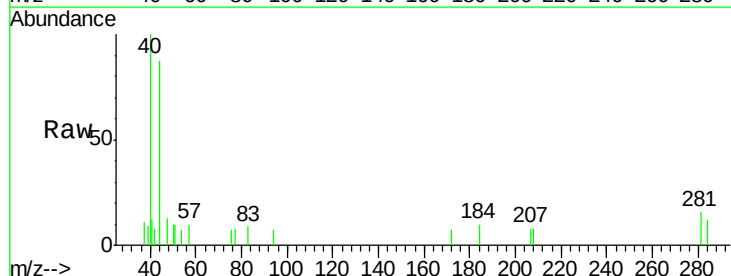
Tgt Ion: 83 Resp: 80

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.4#

85 0.0 32.4 97.2#

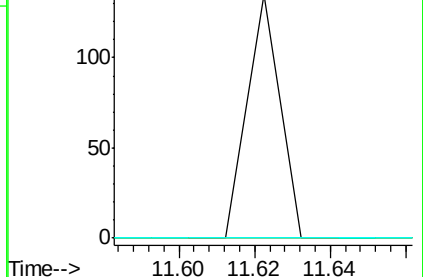
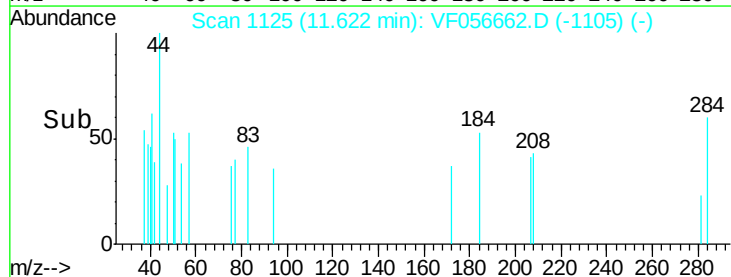


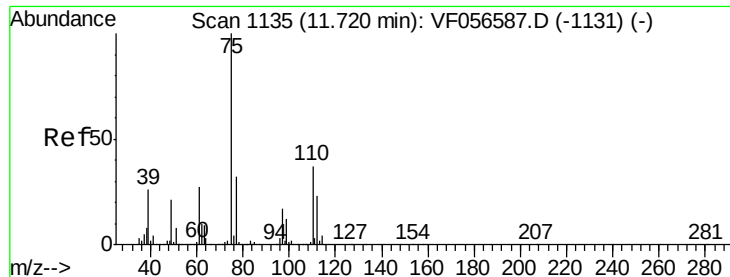
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Time-->





#76

1,2,3-Trichloropropane

Concen: 37.57 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. 0.03 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

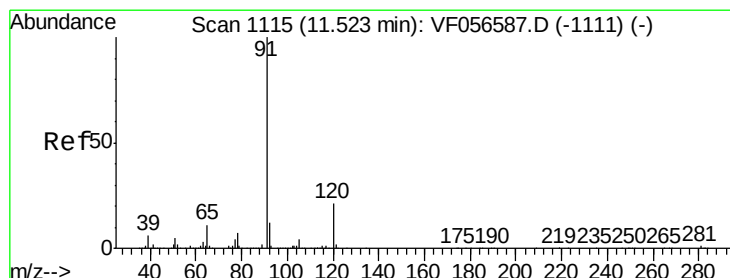
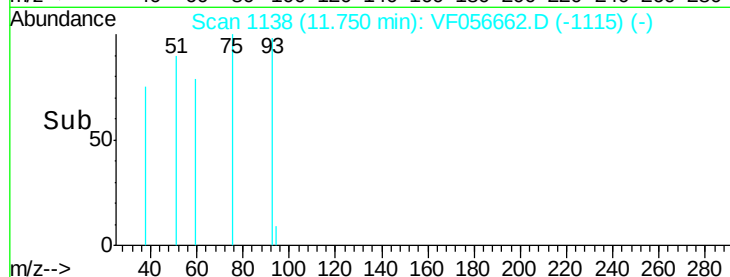
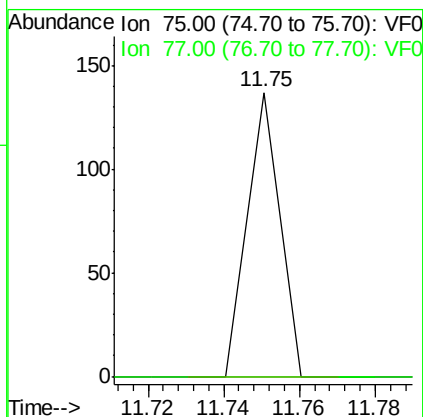
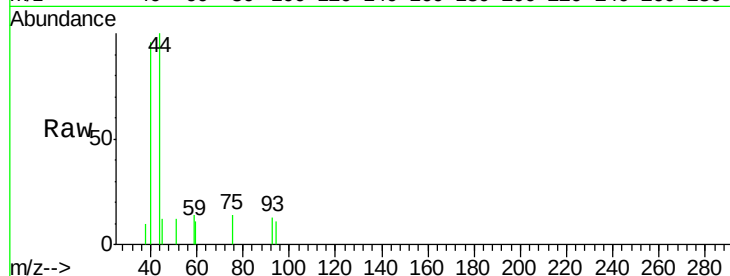
72-11977

Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

77 0.0 16.0 48.0#



#78

n-propylbenzene

Concen: 15.12 ug/l

RT: 11.56 min Scan# 1119

Delta R.T. 0.04 min

Lab File: VF056662.D

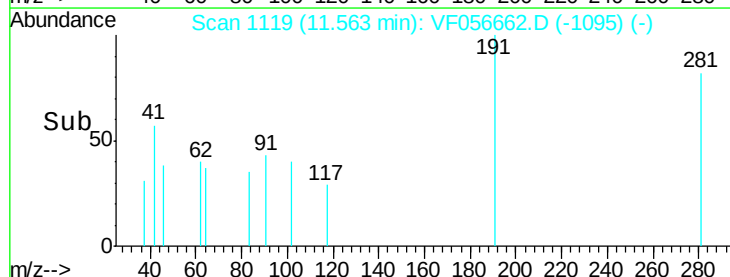
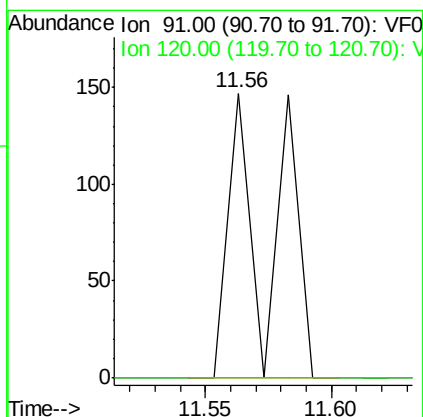
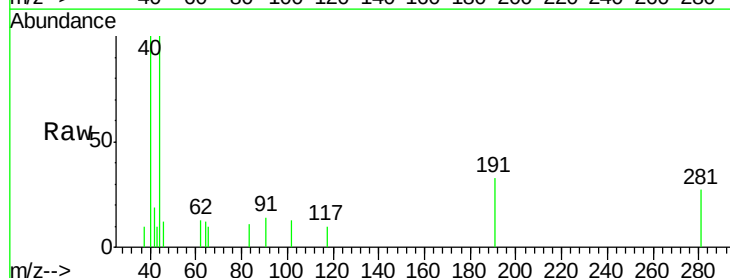
Acq: 23 Feb 2018 18:17

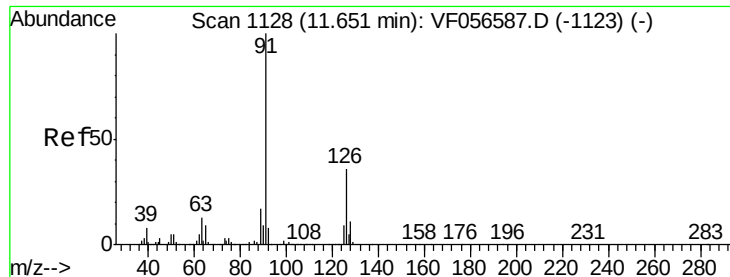
Tgt Ion: 91 Resp: 173

Ion Ratio Lower Upper

91 100

120 0.0 10.7 31.9#





#79

2-Chlorotoluene

Concen: 25.68 ug/l

RT: 11.56 min Scan# 1119

Delta R.T. -0.09 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

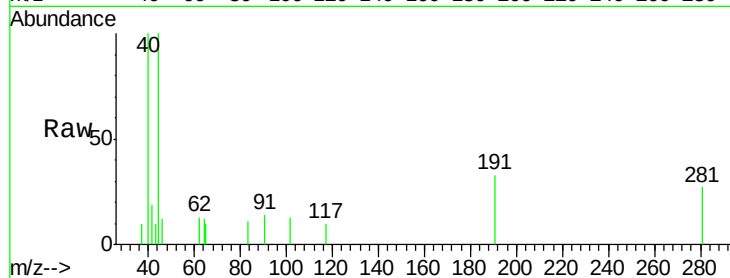
72-11977

Tgt Ion: 91 Resp: 173

Ion Ratio Lower Upper

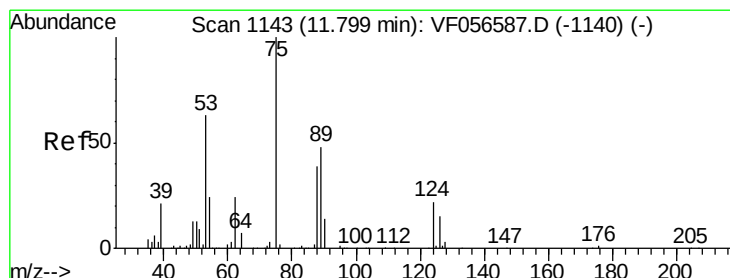
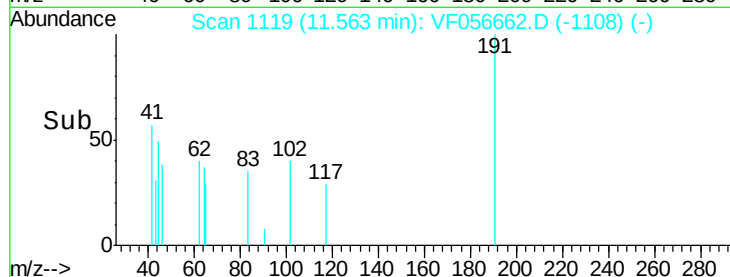
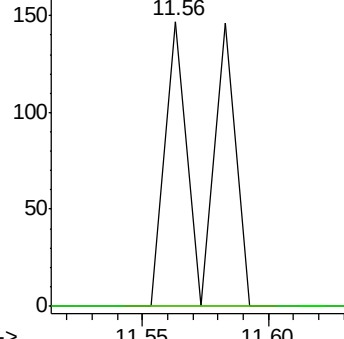
91 100

126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): VF0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.58 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.05 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

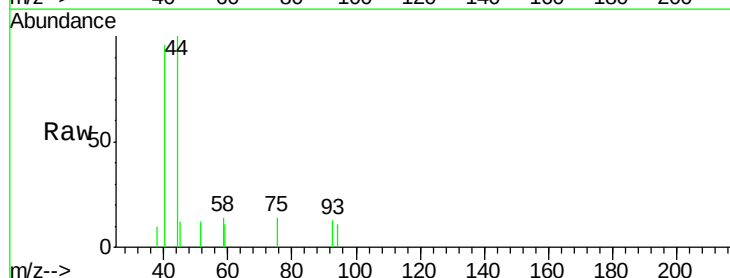
Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

53 0.0 55.4 83.0#

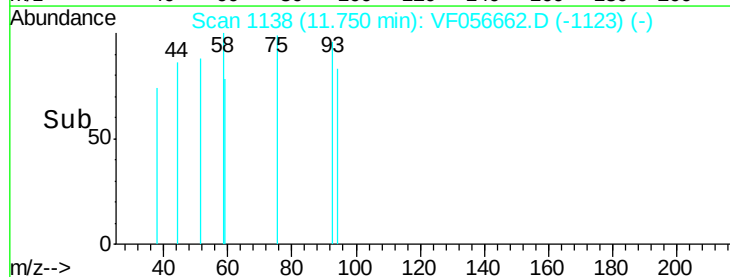
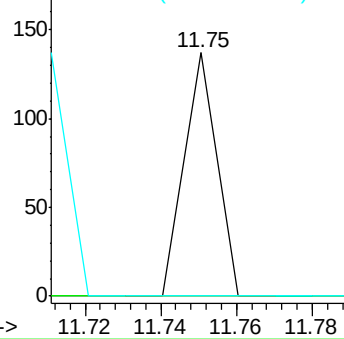
89 0.0 40.4 60.6#

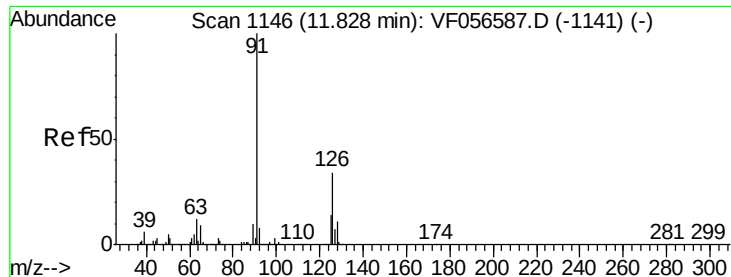


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0





#82

4-Chlorotoluene

Concen: 8.05 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

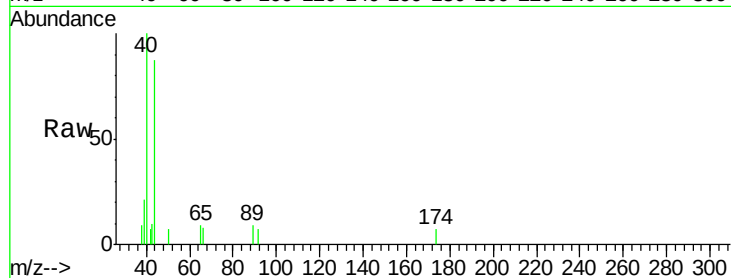
72-11977

Tgt Ion: 91 Resp: 59

Ion Ratio Lower Upper

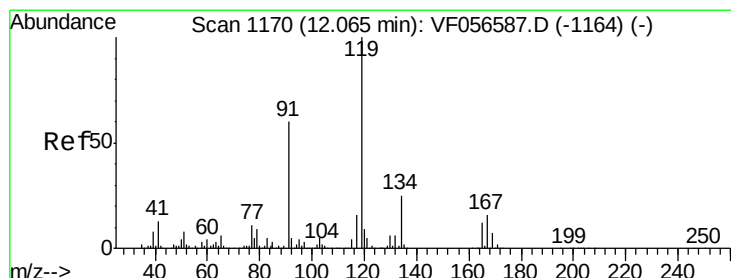
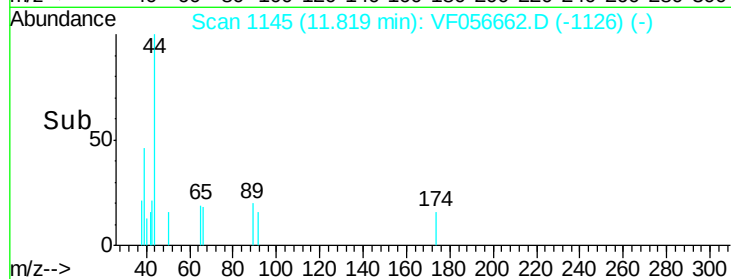
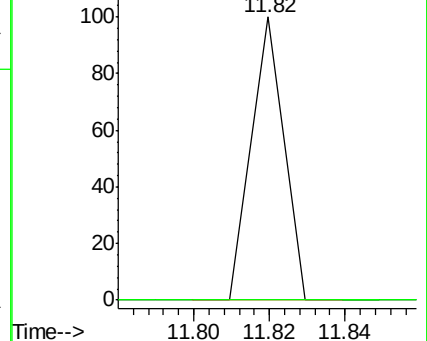
91 100

126 0.0 17.1 51.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#83

tert-Butylbenzene

Concen: 17.71 ug/l

RT: 12.02 min Scan# 1165

Delta R.T. -0.05 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

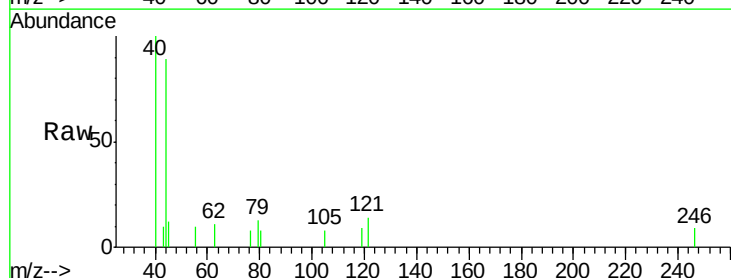
Tgt Ion: 119 Resp: 132

Ion Ratio Lower Upper

119 100

91 0.0 29.8 89.4#

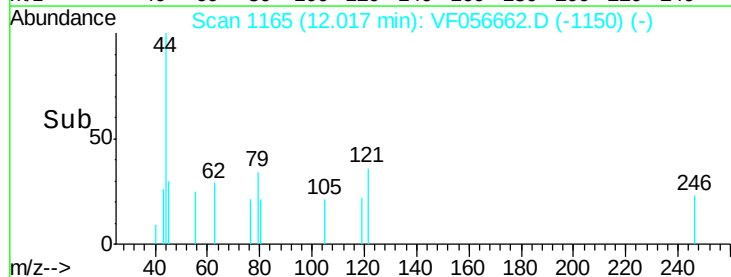
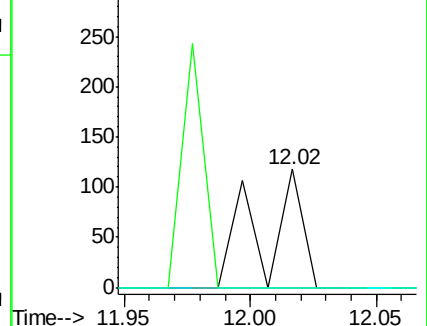
134 0.0 12.4 37.4#

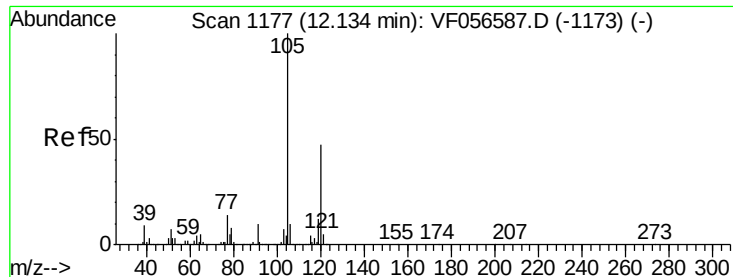


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

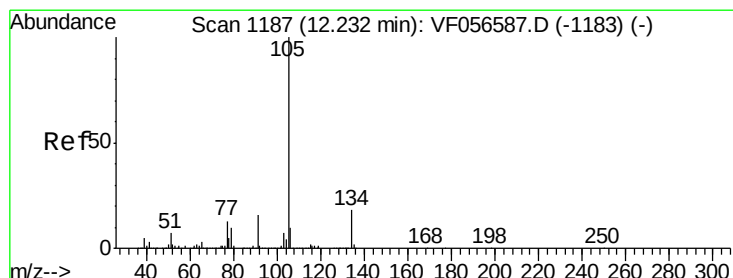
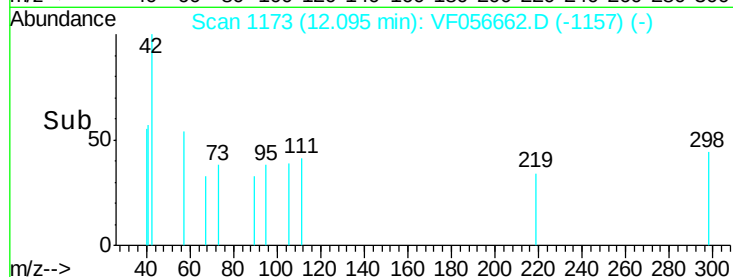
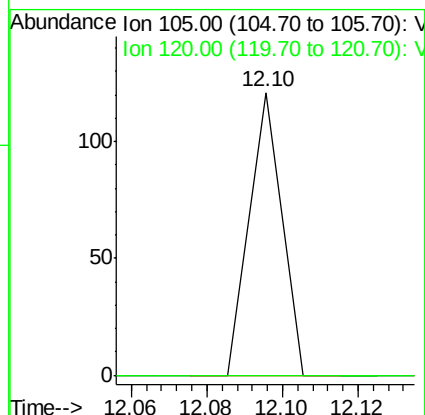
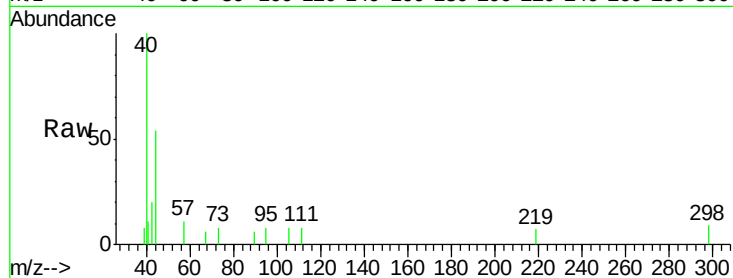




#84
 1,2,4-Trimethylbenzene
 Concen: 8.97 ug/l
 RT: 12.10 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

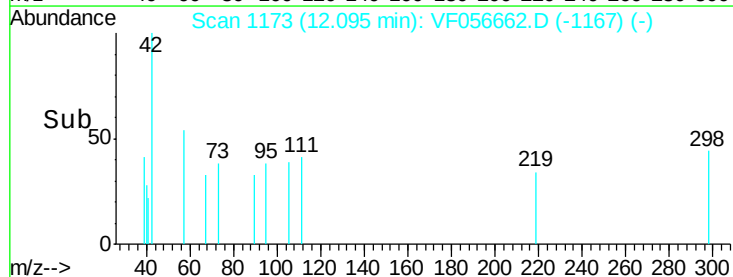
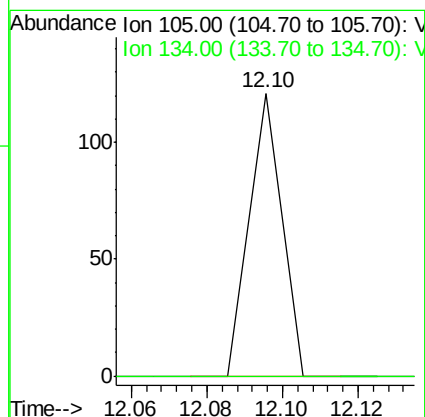
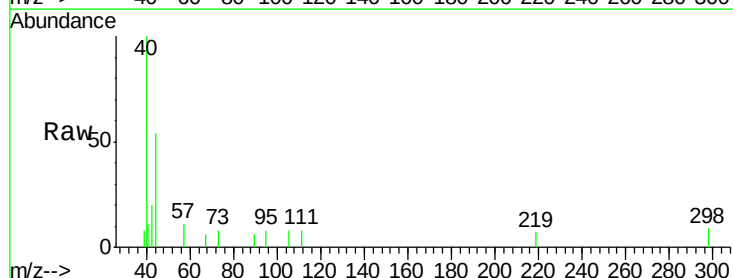
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11977

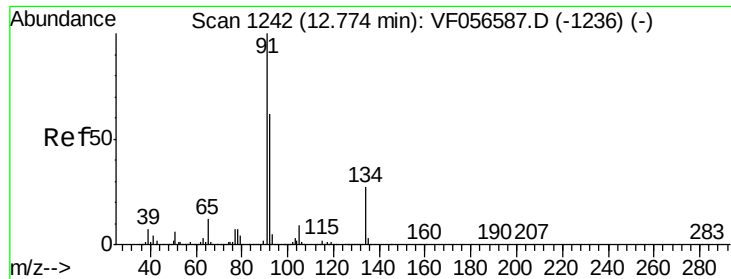
Tgt Ion:105 Resp: 72
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.5 70.5#



#85
 sec-Butylbenzene
 Concen: 7.02 ug/l
 RT: 12.10 min Scan# 1173
 Delta R.T. -0.14 min
 Lab File: VF056662.D
 Acq: 23 Feb 2018 18:17

Tgt Ion:105 Resp: 72
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.1 27.3#

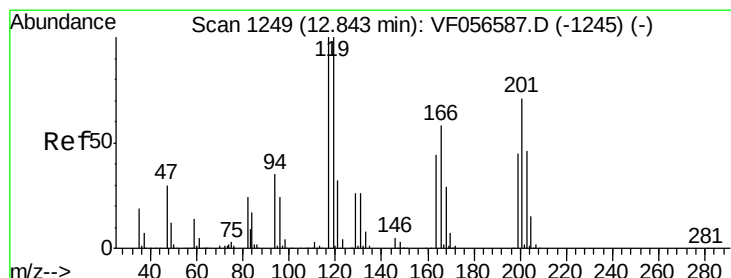
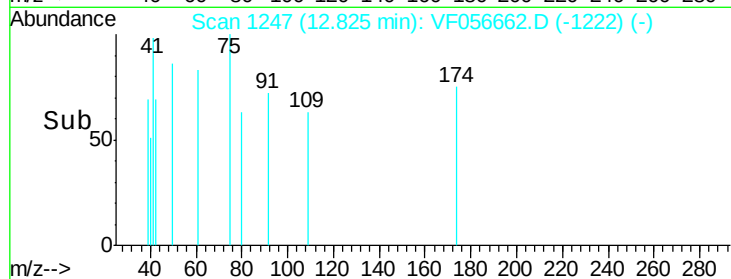
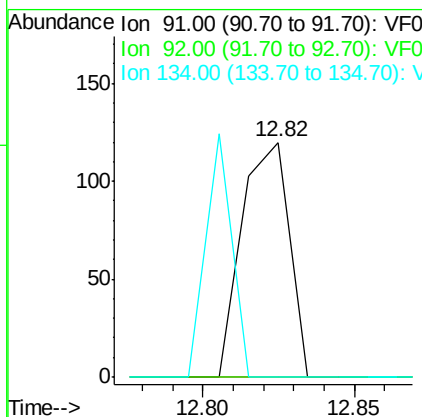
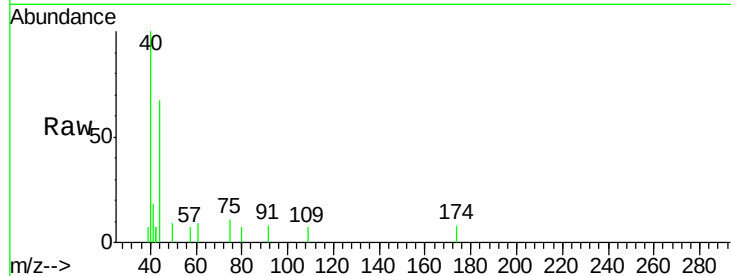




#89
n-Butylbenzene
Concen: 12.03 ug/l
RT: 12.82 min Scan# 1247
Delta R.T. 0.05 min
Lab File: VF056662.D
Acq: 23 Feb 2018 18:17

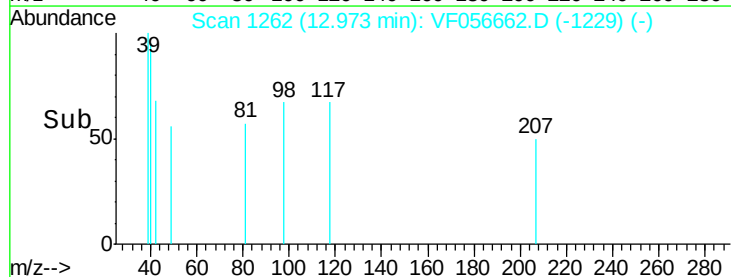
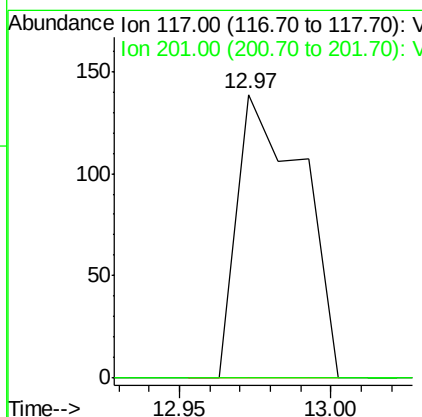
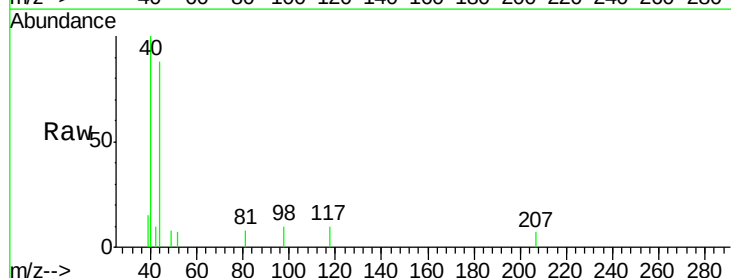
Instrument :
MSVOA_F
ClientSampleId :
72-11977

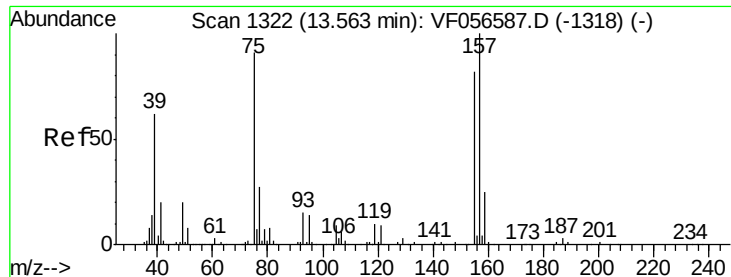
Tgt Ion: 91 Resp: 132
Ion Ratio Lower Upper
91 100
92 0.0 30.9 92.7#
134 0.0 13.7 41.0#



#90
Hexachloroethane
Concen: 131.37 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. 0.13 min
Lab File: VF056662.D
Acq: 23 Feb 2018 18:17

Tgt Ion: 117 Resp: 208
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 118.44 ug/l

RT: 13.44 min Scan# 1309

Delta R.T. -0.13 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Instrument :

MSVOA_F

ClientSampleId :

72-11977

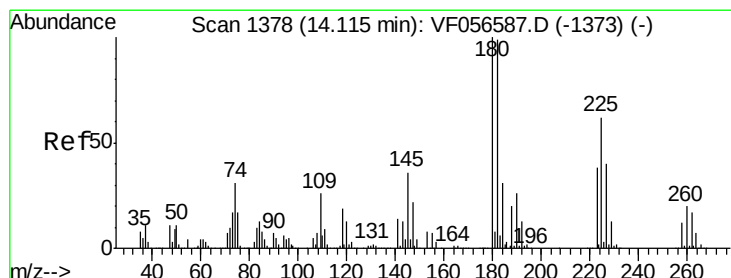
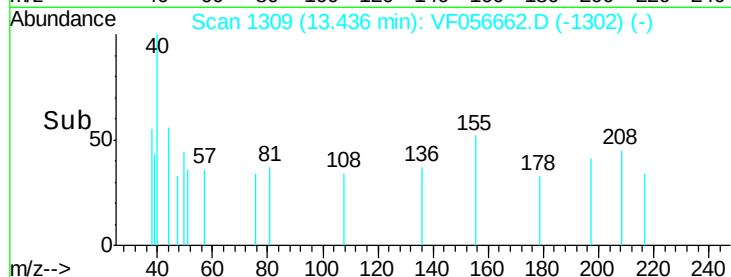
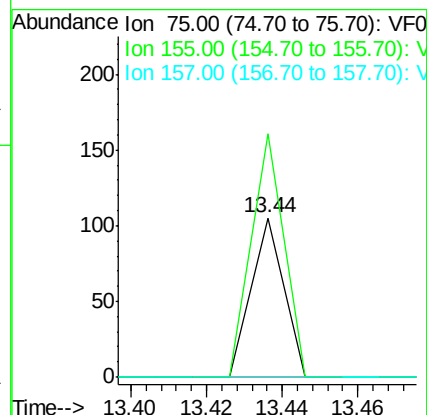
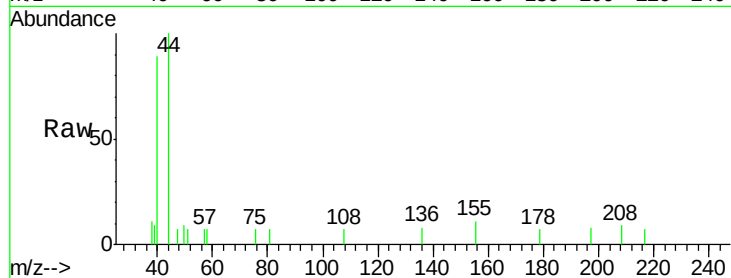
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 153.3 45.1 135.3#

157 0.0 54.9 164.8#



#93

1,2,4-Trichlorobenzene

Concen: 21.21 ug/l

RT: 13.96 min Scan# 1362

Delta R.T. -0.16 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

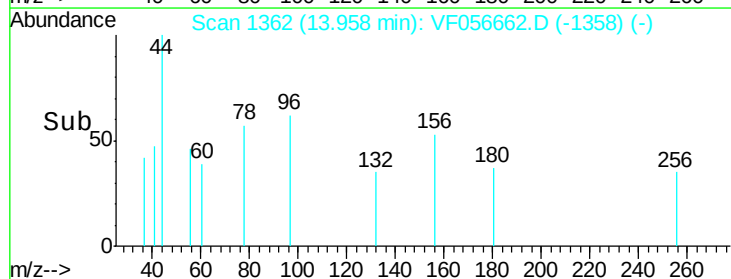
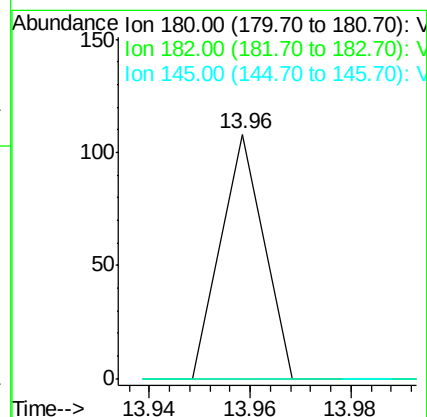
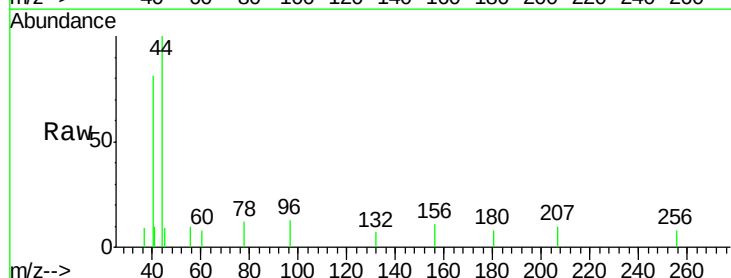
Tgt Ion: 180 Resp: 64

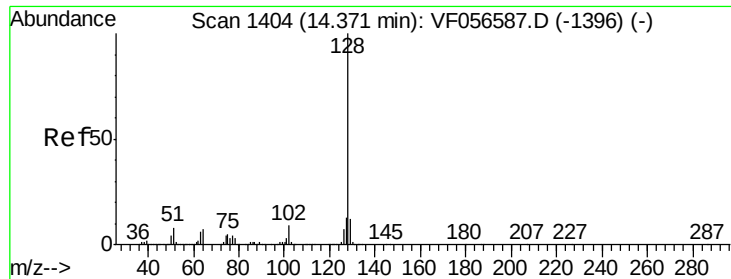
Ion Ratio Lower Upper

180 100

182 0.0 49.5 148.5#

145 0.0 17.8 53.5#





#95

Naphthalene

Concen: 21.08 ug/l

RT: 14.36 min Scan# 1403

Delta R.T. -0.01 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

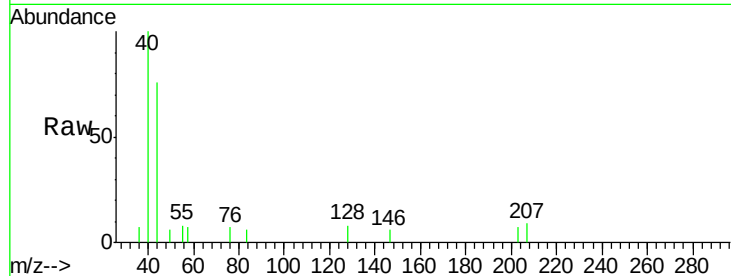
Instrument :

MSVOA_F

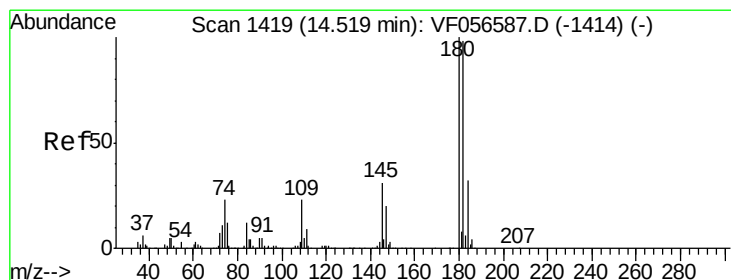
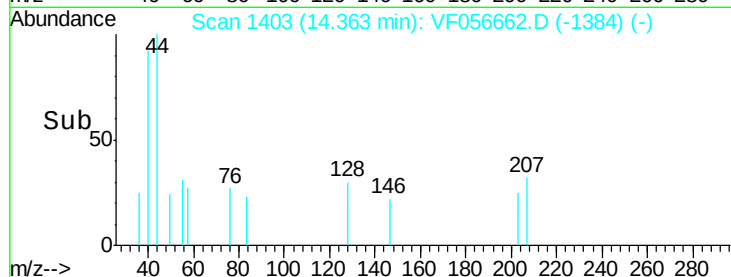
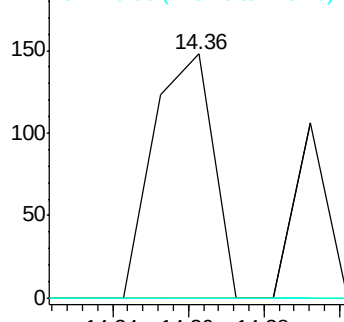
ClientSampleId :

72-11977

Tgt Ion:	128	Resp:	160
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	9.4	14.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 22.30 ug/l

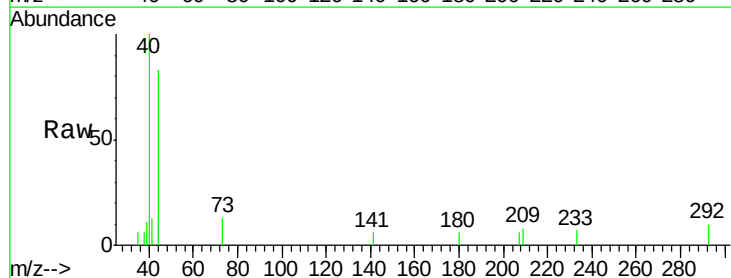
RT: 14.54 min Scan# 1421

Delta R.T. 0.02 min

Lab File: VF056662.D

Acq: 23 Feb 2018 18:17

Tgt Ion:	180	Resp:	65
Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.0	147.2#
145	0.0	15.4	46.1#



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

