

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059495.D
 Acq On : 10 Jul 2018 20:15
 Operator : VA/AP
 Sample : J3880-04RE
 Misc : 4.69g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 11 00:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	2047	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	2119	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.89	117	1374	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	227	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	522	14.66	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	29.32%	
35) Dibromofluoromethane	4.29	113	530	26.07	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	52.14%	
50) Toluene-d8	7.70	98	1524	31.86	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	63.72%	
62) 4-Bromofluorobenzene	11.49	95	493	18.48	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	36.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.85	85	73	2.532	ug/l #	43
3) Chloromethane	1.09	50	285	20.041	ug/l #	42
4) Vinyl Chloride	1.08	62	112	7.540	ug/l #	41
5) Bromomethane	1.49	94	62	5.441	ug/l #	4
6) Chloroethane	1.52	64	72	9.194	ug/l #	1
7) Trichlorofluoromethane	1.34	101	82	2.600	ug/l #	18
8) Diethyl Ether	1.67	74	72	10.889	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.02	101	60	3.511	ug/l #	20
10) Methyl Iodide	1.95	142	80	2.515	ug/l #	22
11) Tert butyl alcohol	2.72	59	66	40.692	ug/l #	73
12) 1,1-Dichloroethene	1.94	96	79	5.107	ug/l #	1
13) Acrolein	2.07	56	99	78.773	ug/l #	11
14) Allyl chloride	2.17	41	154	5.733	ug/l #	54
15) Acrylonitrile	3.04	53	88	29.713	ug/l #	10
16) Acetone	2.32	43	123	23.097	ug/l #	67
17) Carbon Disulfide	1.72	76	68	1.671	ug/l #	73
18) Methyl Acetate	2.43	43	63	5.095	ug/l #	66
19) Methyl tert-butyl Ether	2.54	73	148	2.936	ug/l #	61
20) Methylene Chloride	2.29	84	59	Below Cal	#	47
21) trans-1,2-Dichloroethene	2.40	96	131	7.957	ug/l #	1
22) Diisopropyl ether	2.91	45	163	2.929	ug/l #	37
23) Vinyl Acetate	3.32	43	69	2.136	ug/l #	81
25) 2-Butanone	4.41	43	119	16.400	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	99	4.615	ug/l #	63
27) cis-1,2-Dichloroethene	3.51	96	164	8.105	ug/l	1
28) Bromochloromethane	3.83	49	68	4.403	ug/l #	8
29) Tetrahydrofuran	4.17	42	131	38.514	ug/l #	38
31) Cyclohexane	3.83	56	76	3.522	ug/l #	74
32) 1,1,1-Trichloroethane	4.36	97	82	2.025	ug/l #	25
36) 1,1-Dichloropropene	4.30	75	74	3.306	ug/l #	44
37) Ethyl Acetate	4.28	43	250	19.035	ug/l #	23
38) Carbon Tetrachloride	4.26	117	84	2.626	ug/l #	12
40) Benzene	4.77	78	75	1.710	ug/l #	49
41) Methacrylonitrile	4.91	41	63	10.442	ug/l #	19

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

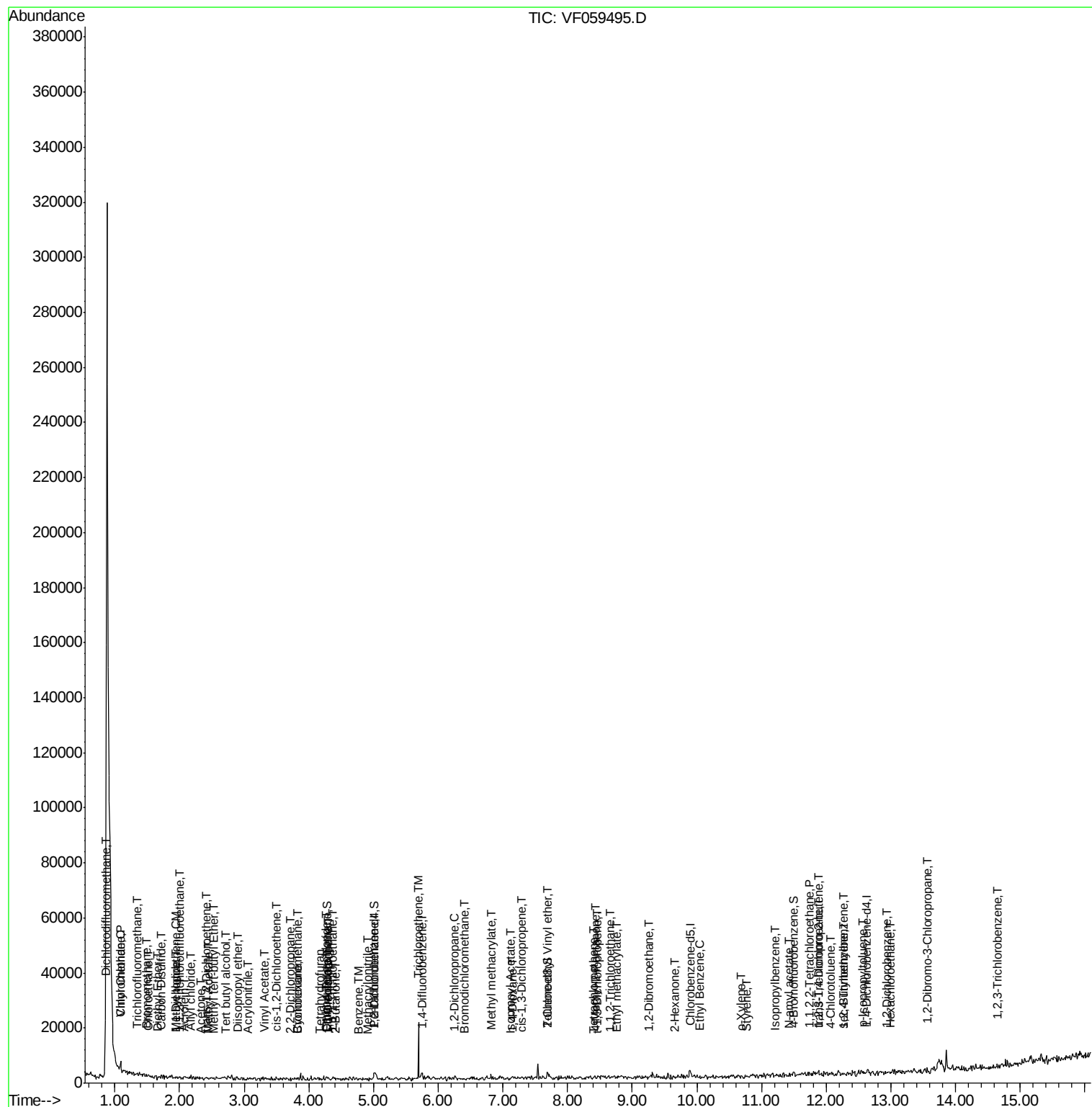
43) Isopropyl Acetate	7.11	43	294	19.554	µg/l #	50
44) Trichloroethene	5.71	130	76	4.698	µg/l	1
45) 1,2-Dichloropropane	6.26	63	73	5.797	µg/l #	1
47) Bromodichloromethane	6.40	83	83	2.826	µg/l #	22
48) Methyl methacrylate	6.83	41	76	7.084	µg/l #	11
49) 1,4-Dioxane	7.15	88	61	1252.699	µg/l #	15
51) 4-Methyl-2-Pentanone	8.42	43	204	18.209	µg/l #	40
53) t-1,3-Dichloropropene	8.45	75	60	2.359	µg/l #	42
54) cis-1,3-Dichloropropene	7.30	75	76	2.994	µg/l #	17
55) 1,1,2-Trichloroethane	8.66	97	61	4.773	µg/l #	16
56) Ethyl methacrylate	8.75	69	110	7.609	µg/l #	39
58) 2-Chloroethyl Vinyl ether	7.71	63	69	49.837	µg/l	100
59) 2-Hexanone	9.66	43	138	16.573	µg/l #	31
61) 1,2-Dibromoethane	9.25	107	61	3.885	µg/l #	2
64) Tetrachloroethene	8.39	164	61	5.301	µg/l #	1
67) Ethyl Benzene	10.04	91	64	1.375	µg/l #	46
69) o-Xylene	10.68	106	62	3.511	µg/l #	1
70) Styrene	10.76	104	60	2.180	µg/l #	26
73) Isopropylbenzene	11.20	105	60	4.348	µg/l #	50
74) N-amyl acetate	11.43	43	94	22.317	µg/l #	1
75) 1,1,2,2-Tetrachloroethane	11.74	83	128	40.813	µg/l #	24
76) 1,2,3-Trichloropropane	11.87	75	64	25.064	µg/l #	41
81) trans-1,4-Dichloro-2-buten	11.87	75	64	48.315	µg/l #	9
82) 4-Chlorotoluene	12.06	91	72	6.627	µg/l #	45
84) 1,2,4-Trimethylbenzene	12.27	105	75	5.833	µg/l #	32
85) sec-Butylbenzene	12.27	105	75	4.673	µg/l #	58
86) p-Isopropyltoluene	12.58	119	61	4.444	µg/l #	50
90) Hexachloroethane	13.00	117	61	17.104	µg/l #	9
91) 1,2-Dichlorobenzene	12.94	146	113	15.756	µg/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.56	75	76	96.778	µg/l #	1
96) 1,2,3-Trichlorobenzene	14.66	180	61	11.803	µg/l #	12

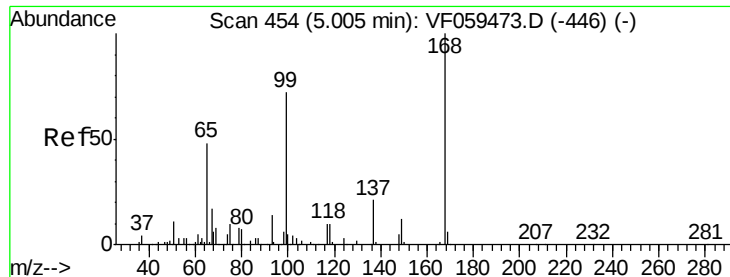
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

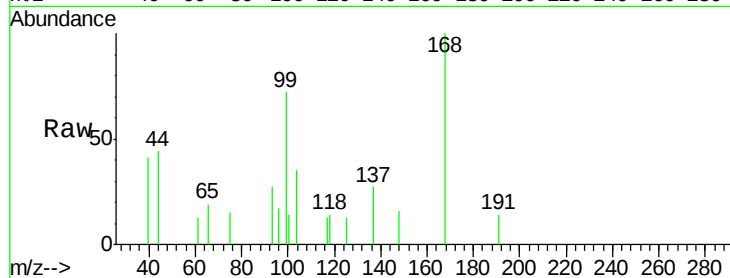
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 2047

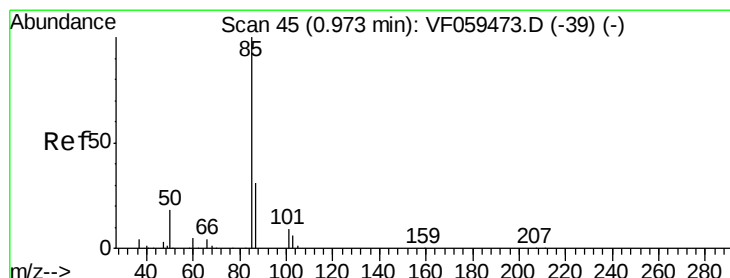
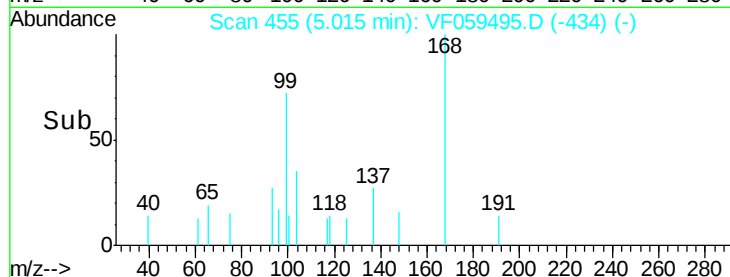
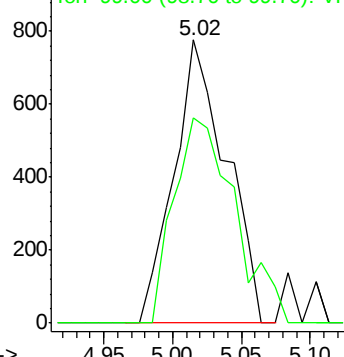
Ion Ratio Lower Upper

168 100

99 72.4 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 2.532 ug/l

RT: 0.85 min Scan# 32

Delta R.T. -0.13 min

Lab File: VF059495.D

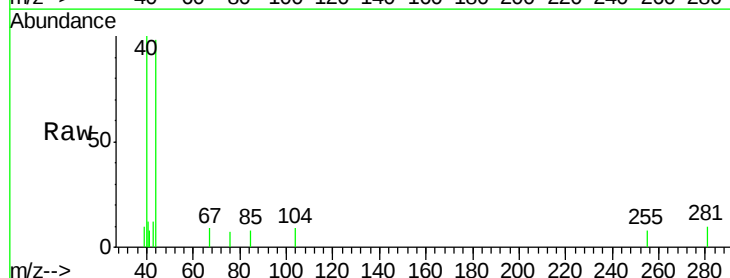
Acq: 10 Jul 2018 20:15

Tgt Ion: 85 Resp: 73

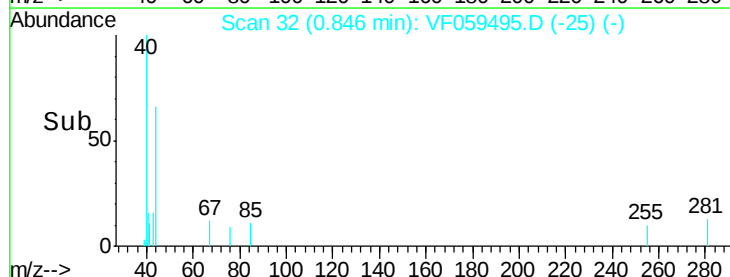
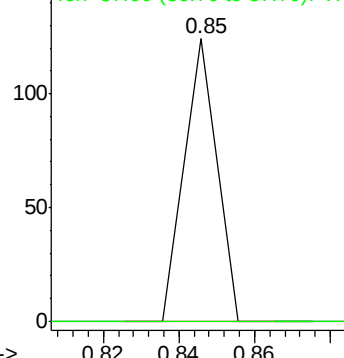
Ion Ratio Lower Upper

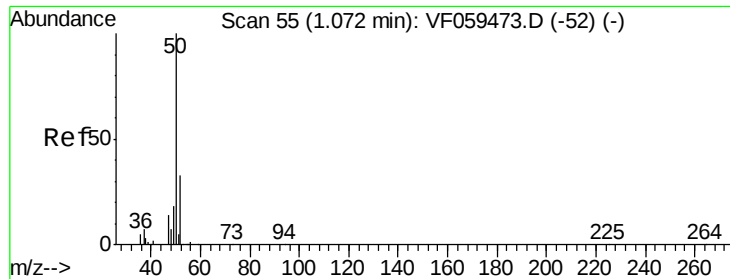
85 100

87 0.0 15.7 47.0#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 20.041 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

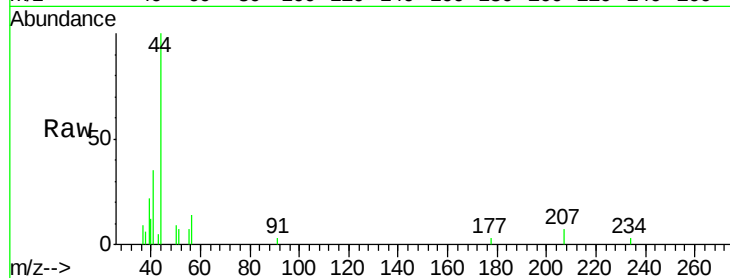
ClientSampleId :

Tot Ion: 50 Resp: 285

Ion Ratio Lower Upper

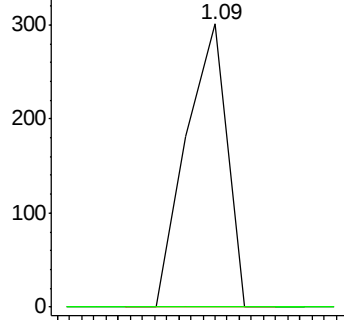
50 100

52 0.0 25.9 38.9#

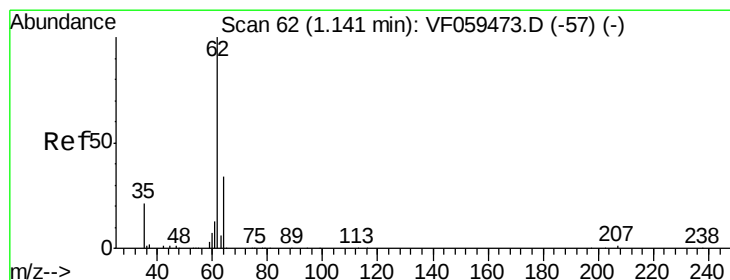
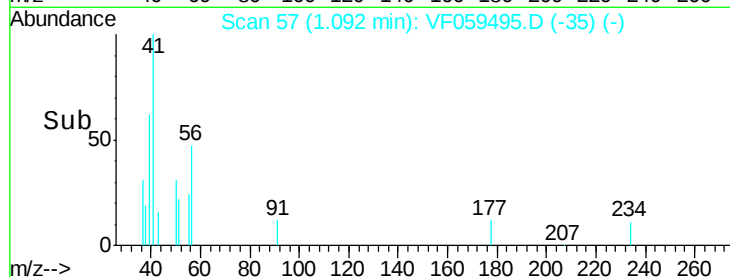


Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#4

Vinyl Chloride

Concen: 7.540 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.06 min

Lab File: VF059495.D

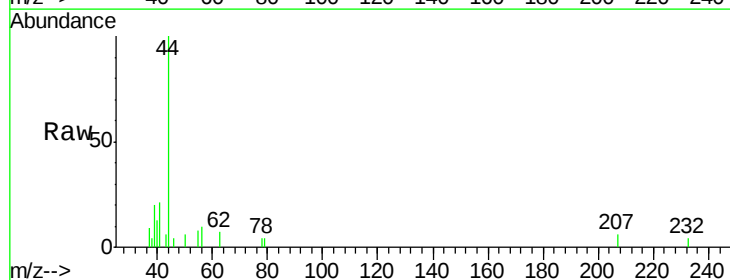
Acq: 10 Jul 2018 20:15

Tgt Ion: 62 Resp: 112

Ion Ratio Lower Upper

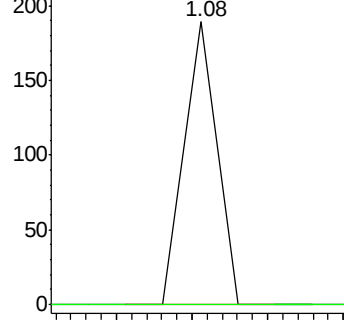
62 100

64 0.0 27.3 40.9#

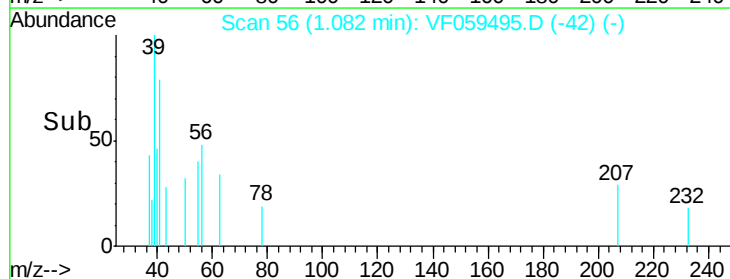


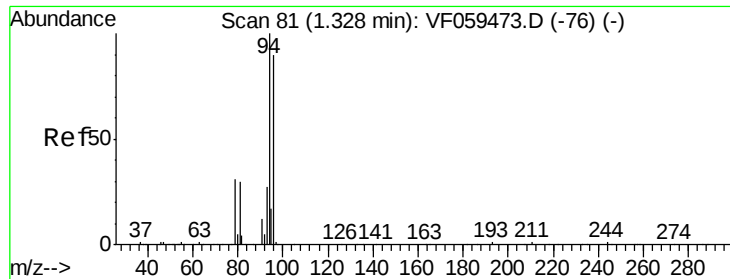
Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



Time-->





#5

Bromomethane

Concen: 5.441 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.16 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

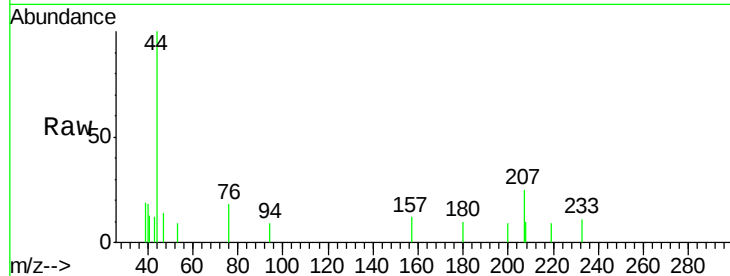
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 62

Ion Ratio Lower Upper

94 100

96 0.0 72.0 108.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.49

100

80

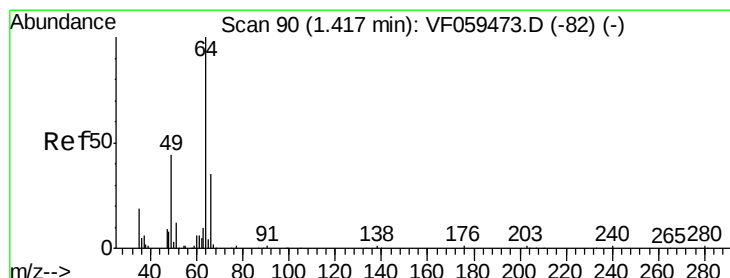
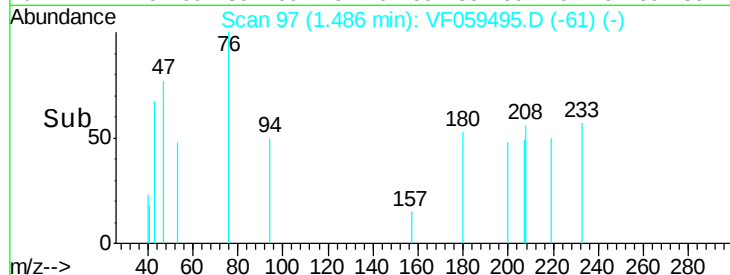
60

40

20

0

Time-->



#6

Chloroethane

Concen: 9.194 ug/l

RT: 1.52 min Scan# 100

Delta R.T. 0.10 min

Lab File: VF059495.D

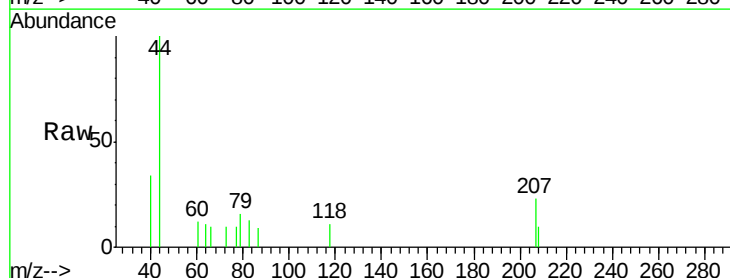
Acq: 10 Jul 2018 20:15

Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

64 100

66 95.9 28.1 42.1#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

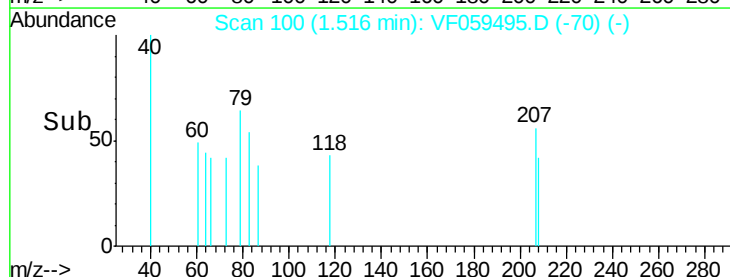
1.52

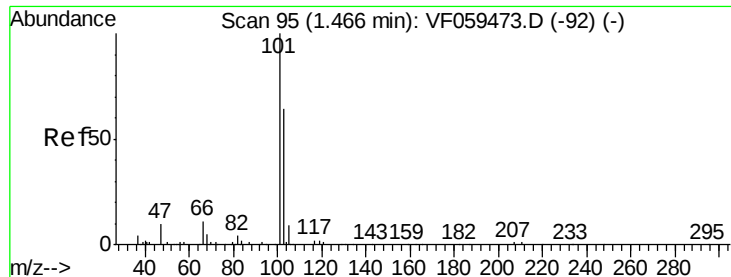
100

50

0

Time-->





#7

Trichlorofluoromethane

Concen: 2.600 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.13 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

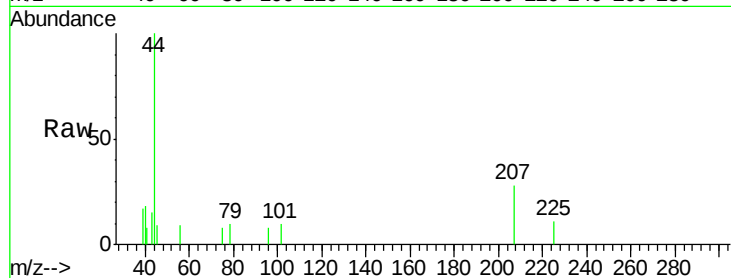
ClientSampleId :

Tot Ion:101 Resp: 82

Ion Ratio Lower Upper

101 100

103 0.0 51.2 76.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.34

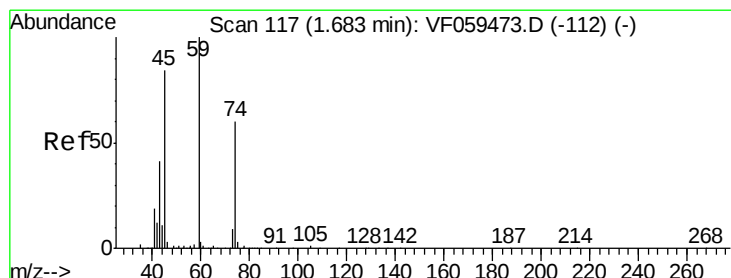
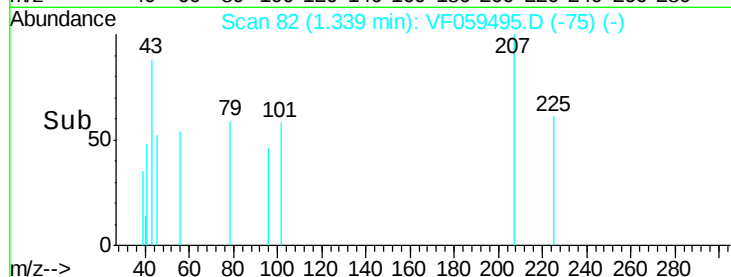
150

100

50

0

Time--> 1.30 1.32 1.34 1.36



#8

Diethyl Ether

Concen: 10.889 ug/l

RT: 1.67 min Scan# 116

Delta R.T. -0.01 min

Lab File: VF059495.D

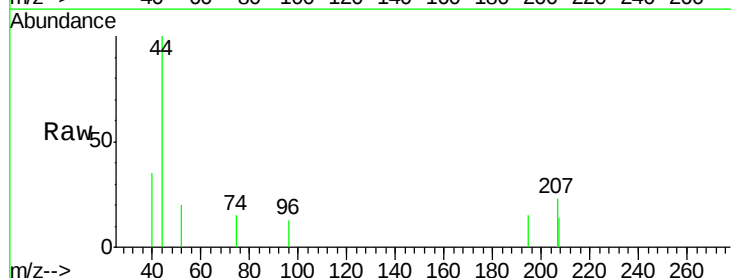
Acq: 10 Jul 2018 20:15

Tgt Ion: 74 Resp: 72

Ion Ratio Lower Upper

74 100

45 0.0 71.1 213.3#



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.67

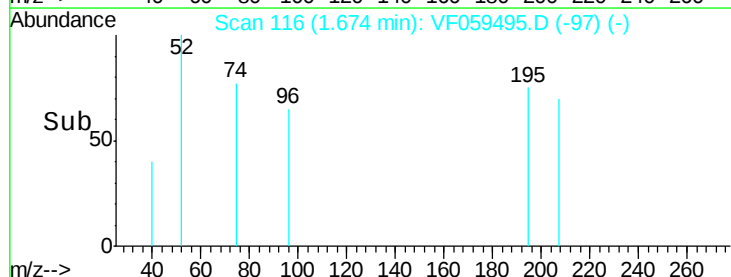
150

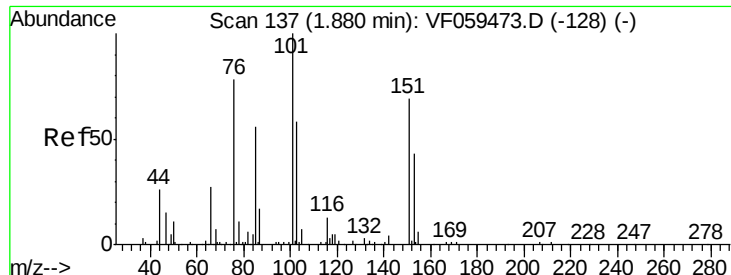
100

50

0

Time--> 1.64 1.66 1.68 1.70





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.511 ug/l

RT: 2.02 min Scan# 151

Delta R.T. 0.14 min

Lab File: VF059495.D

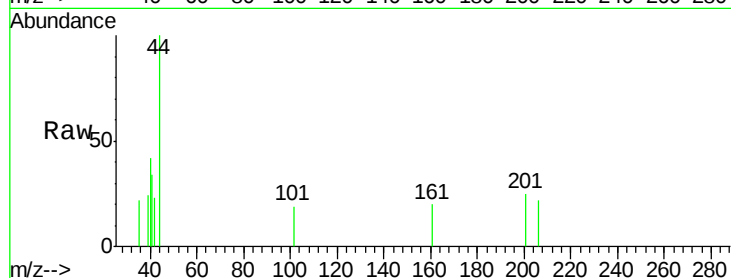
Acq: 10 Jul 2018 20:15

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ClientSampled :

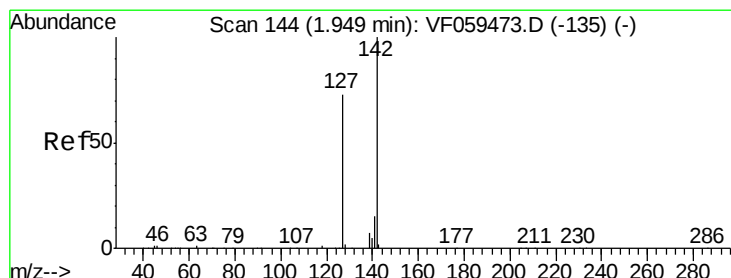
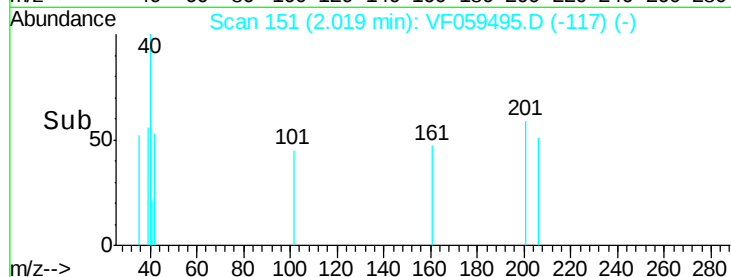
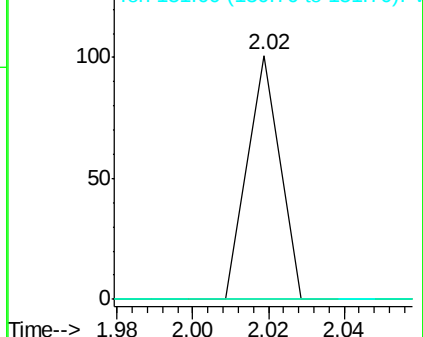
Tot Ion:	101	Resp:	60
Ion	Ratio	Lower	Upper
101	100		
85	0.0	43.8	65.8#
151	0.0	54.2	81.4#



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



#10

Methyl Iodide

Concen: 2.515 ug/l

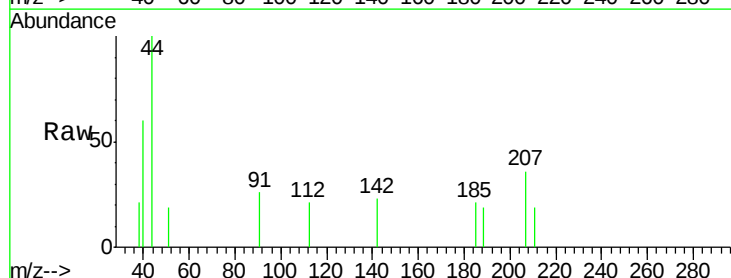
RT: 1.95 min Scan# 144

Delta R.T. 0.00 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

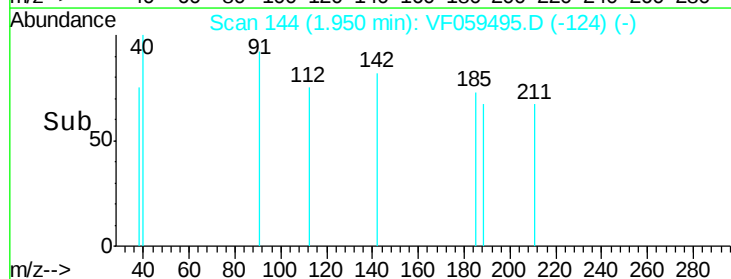
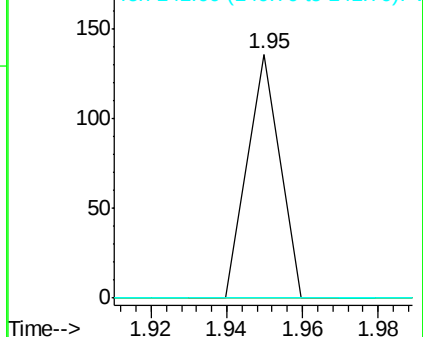
Tgt Ion:	142	Resp:	80
Ion	Ratio	Lower	Upper
142	100		
127	0.0	58.2	87.2#
141	0.0	11.7	17.5#

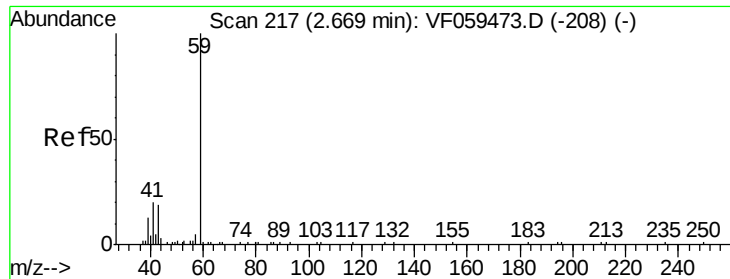


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

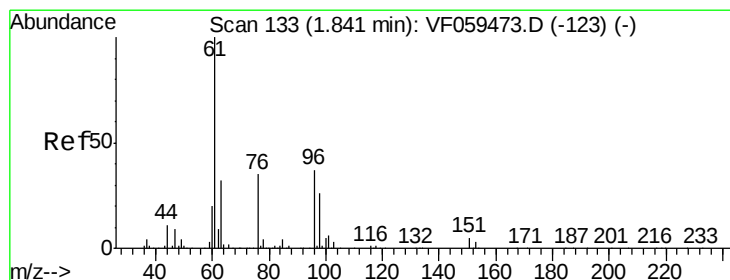
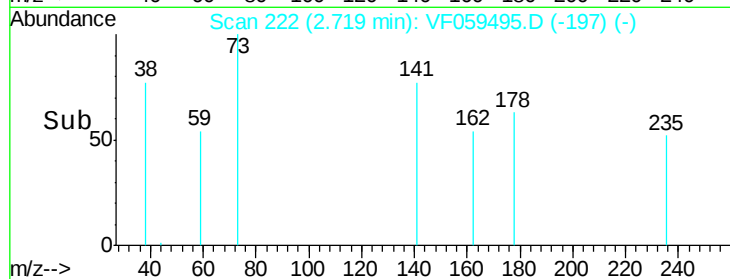
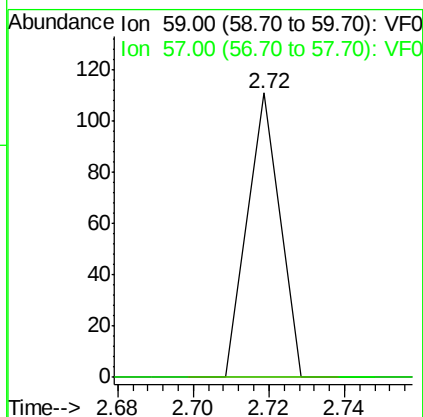
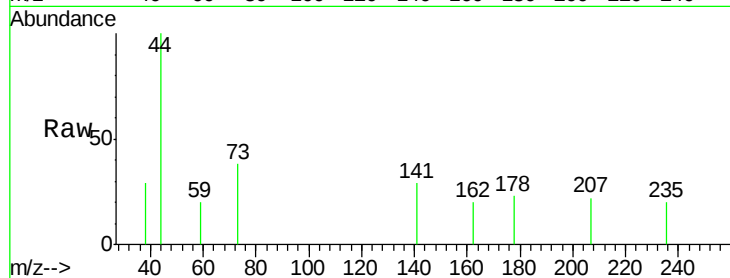




#11
Tert butyl alcohol
Concen: 40.692 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.05 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

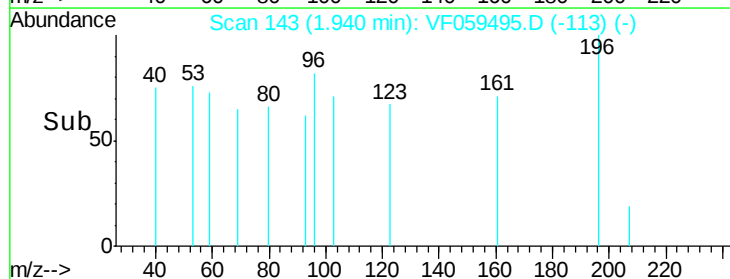
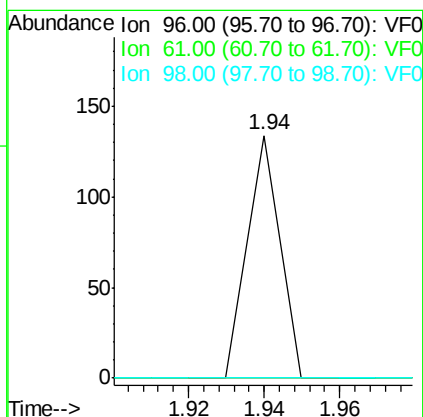
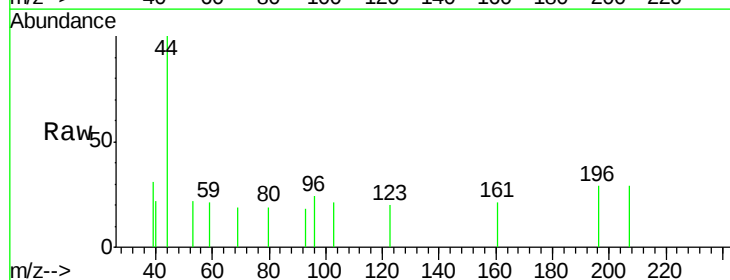
Instrument :
MSVOA_F
ClientSampled :

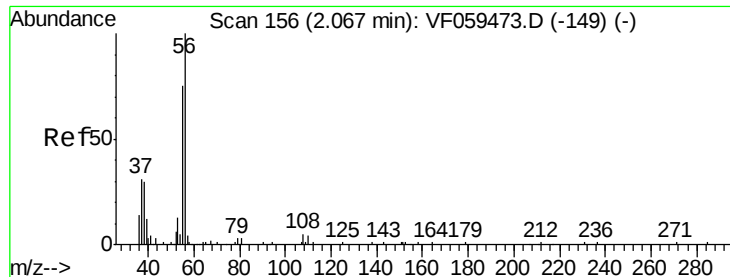
Tot Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.107 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.10 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 96 Resp: 79
Ion Ratio Lower Upper
96 100
61 0.0 214.4 321.6#
98 0.0 55.6 83.4#





#13

Acrolein

Concen: 78.773 ug/l

RT: 2.07 min Scan# 156

Delta R.T. 0.00 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

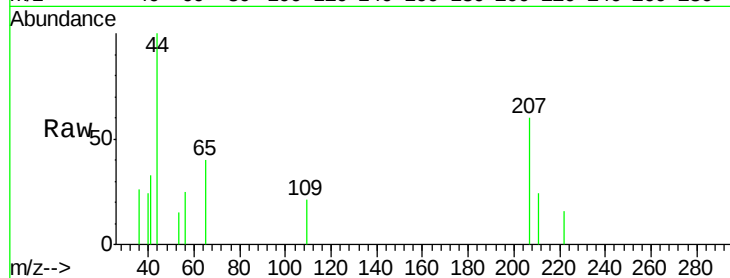
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 99

Ion Ratio Lower Upper

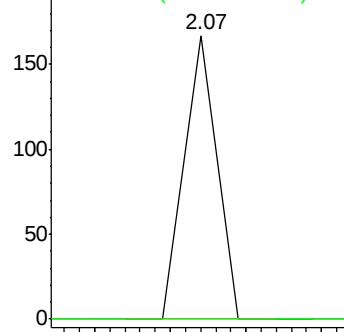
56 100

55 0.0 61.2 91.8#

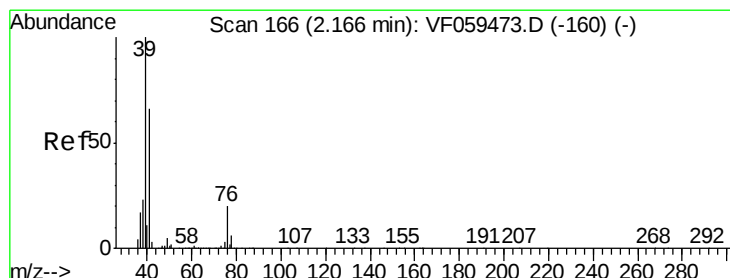
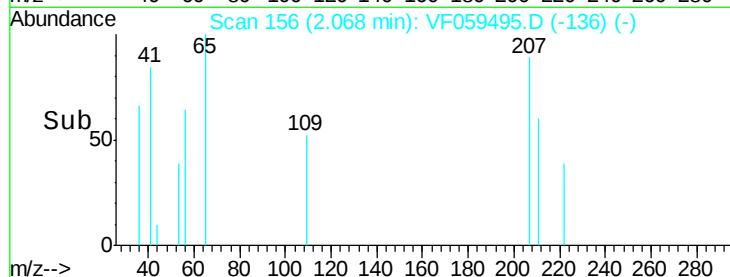


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



Time-->



#14

Allyl chloride

Concen: 5.733 ug/l

RT: 2.17 min Scan# 166

Delta R.T. 0.00 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

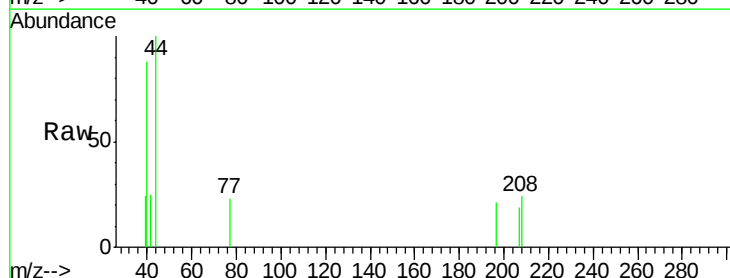
Tgt Ion: 41 Resp: 154

Ion Ratio Lower Upper

41 100

39 95.4 120.7 181.1#

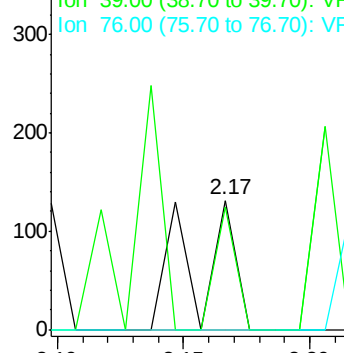
76 0.0 24.0 36.0#



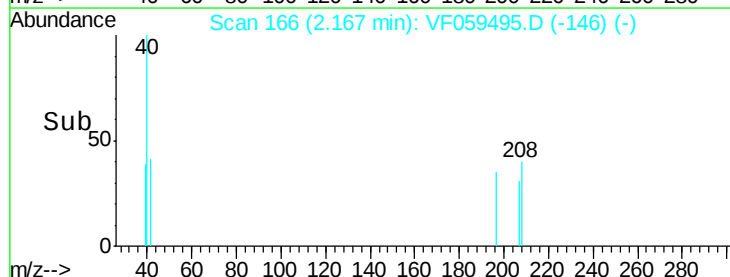
Abundance Ion 41.00 (40.70 to 41.70): VF0

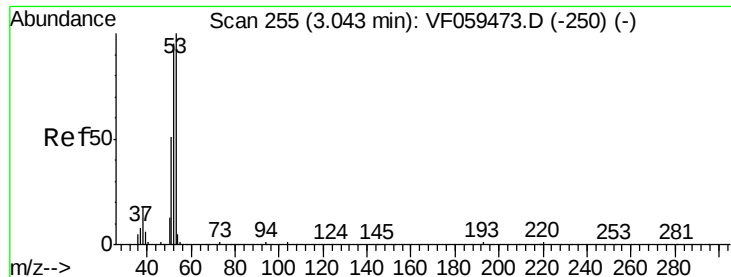
Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0



Time-->





#15

Acrylonitrile

Concen: 29.713 ug/l

RT: 3.04 min Scan# 255

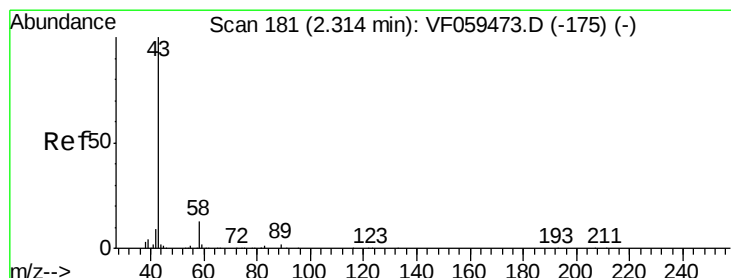
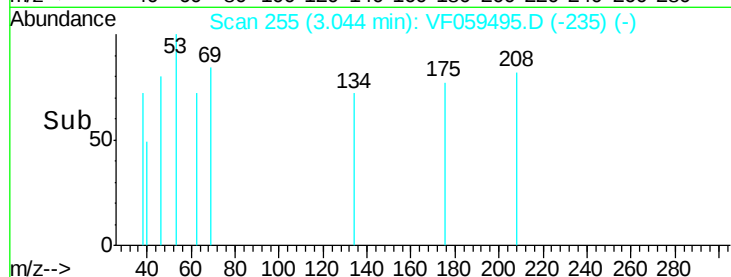
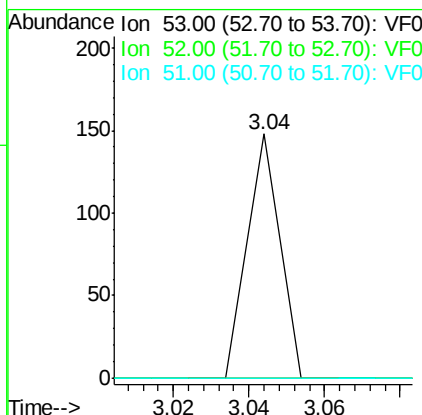
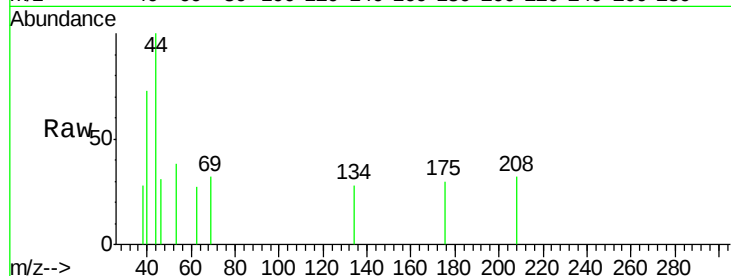
Delta R.T. 0.00 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	53	Resp:	88
Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.8	115.2#
51	0.0	41.8	62.8#



#16

Acetone

Concen: 23.097 ug/l

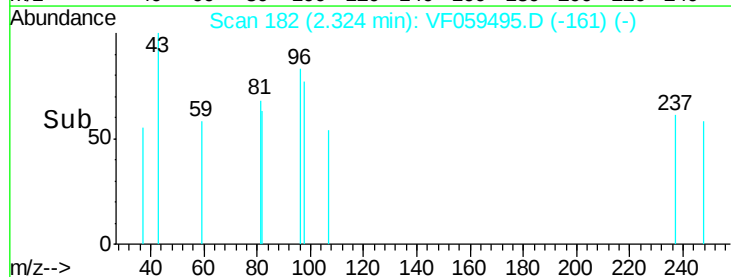
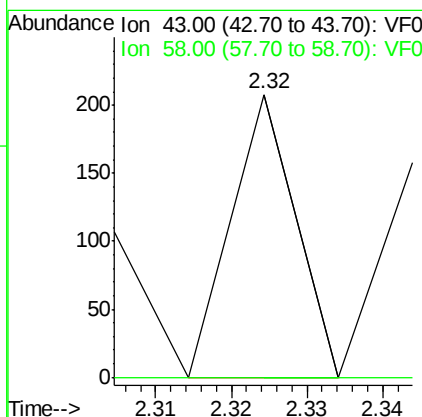
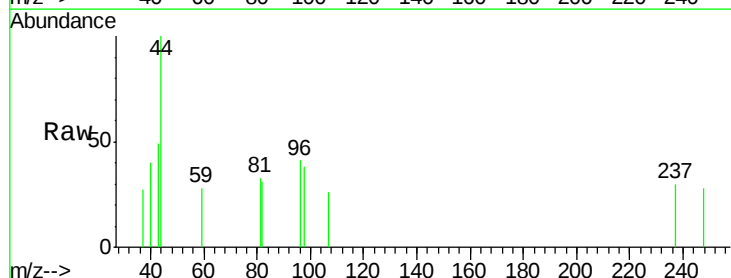
RT: 2.32 min Scan# 182

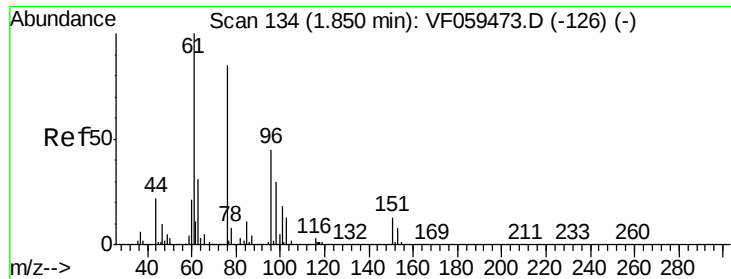
Delta R.T. 0.01 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Tgt Ion:	43	Resp:	123
Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.5	15.7#

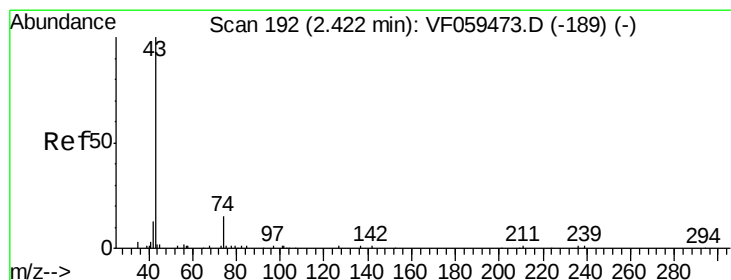
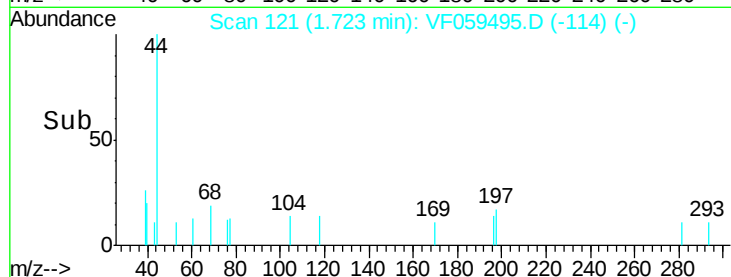
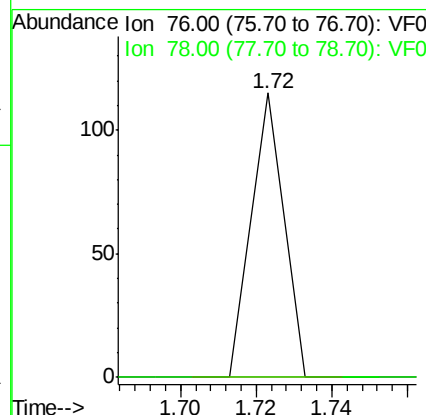
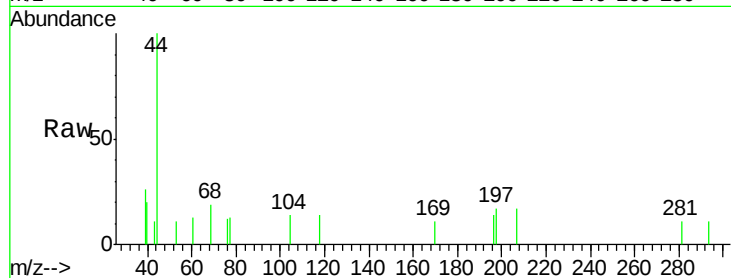




#17
Carbon Disulfide
Concen: 1.671 ug/l
RT: 1.72 min Scan# 121
Delta R.T. -0.13 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

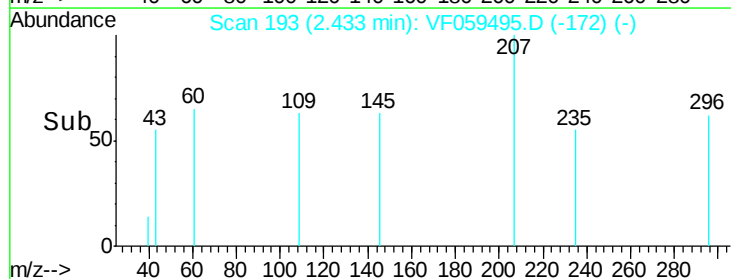
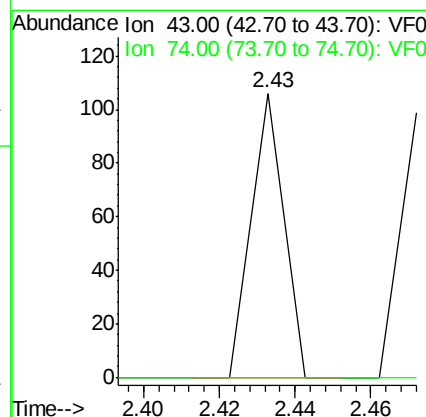
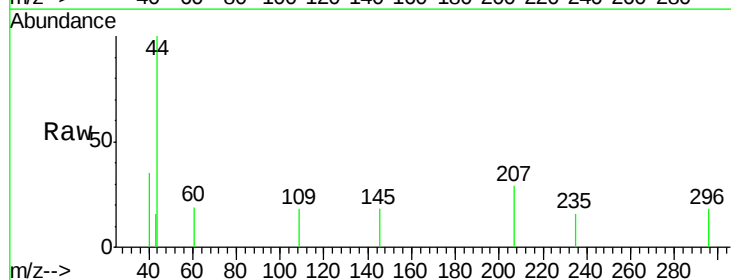
Instrument :
MSVOA_F
ClientSampled :

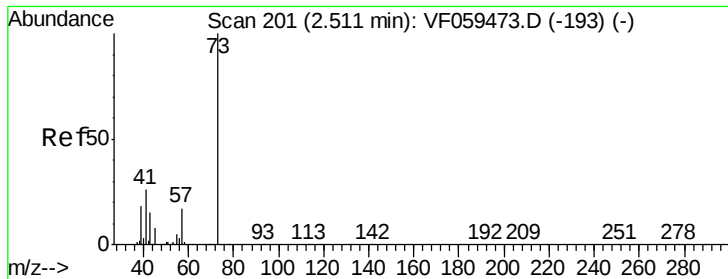
Tot Ion: 76 Resp: 68
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#18
Methyl Acetate
Concen: 5.095 ug/l
RT: 2.43 min Scan# 193
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 10.8 16.2#



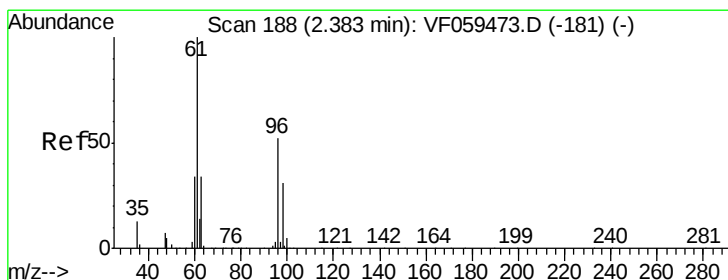
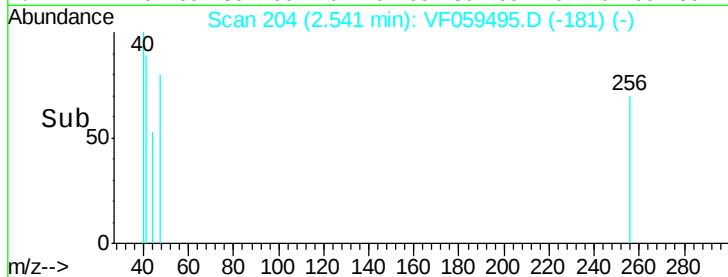
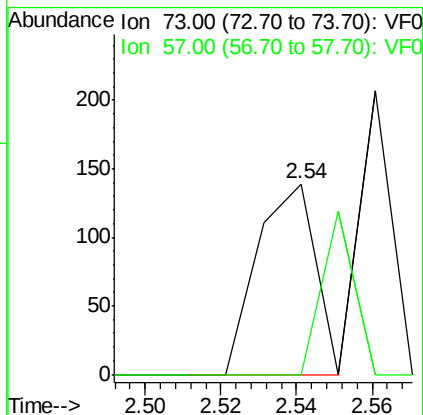
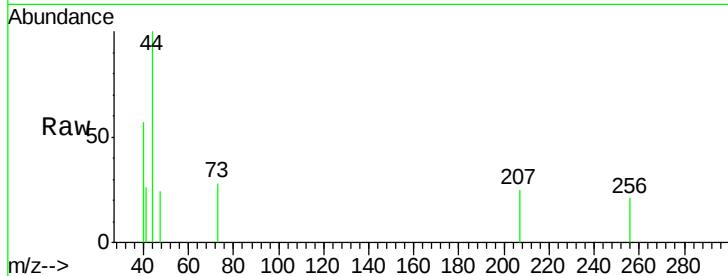


#19

Methvl tert-butvl Ether
 Concen: 2.936 ug/l
 RT: 2.54 min Scan# 204
 Delta R.T. 0.03 min
 Lab File: VF059495.D
 Acq: 10 Jul 2018 20:15

Instrument :
 MSVOA_F
 ClientSampleId :

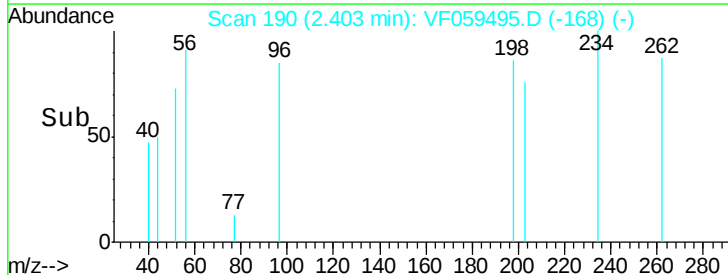
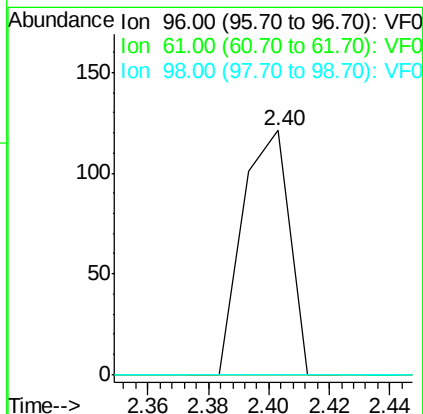
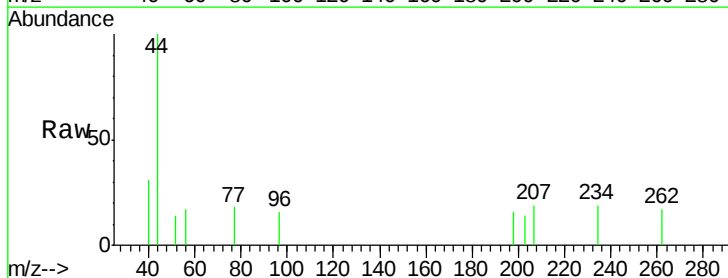
Tot Ion: 73 Resp: 148
 Ion Ratio Lower Upper
 73 100
 57 0.0 13.7 20.5#

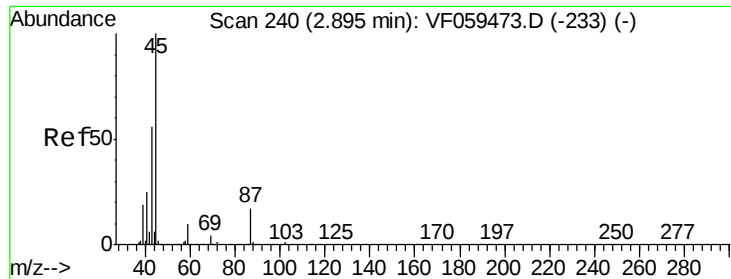


#21

trans-1,2-Dichloroethene
 Concen: 7.957 ug/l
 RT: 2.40 min Scan# 190
 Delta R.T. 0.02 min
 Lab File: VF059495.D
 Acq: 10 Jul 2018 20:15

Tgt Ion: 96 Resp: 131
 Ion Ratio Lower Upper
 96 100
 61 0.0 154.3 231.5#
 98 0.0 48.2 72.4#





#22

Diisopropyl ether

Concen: 2.929 ug/l

RT: 2.91 min Scan# 241

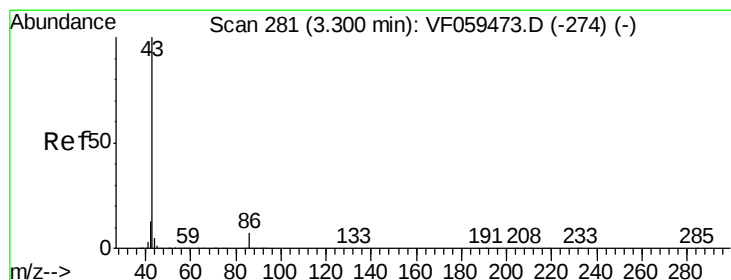
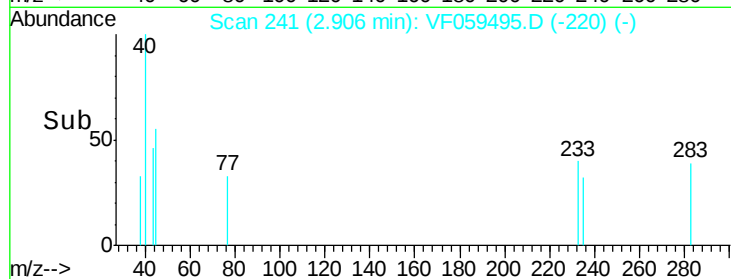
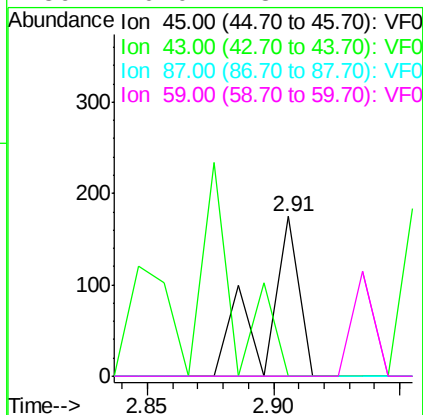
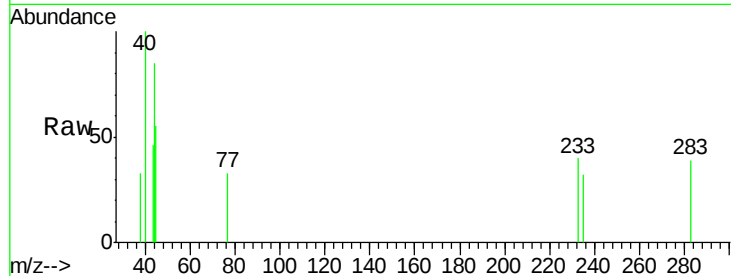
Delta R.T. 0.01 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	45	Resp:	163
Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.4	68.2#
87	0.0	13.5	20.3#
59	0.0	8.2	12.4#



#23

Vinyl Acetate

Concen: 2.136 ug/l

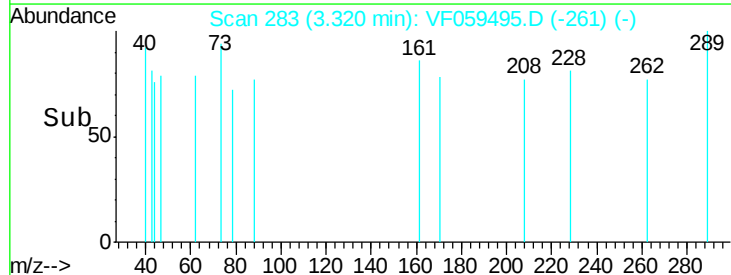
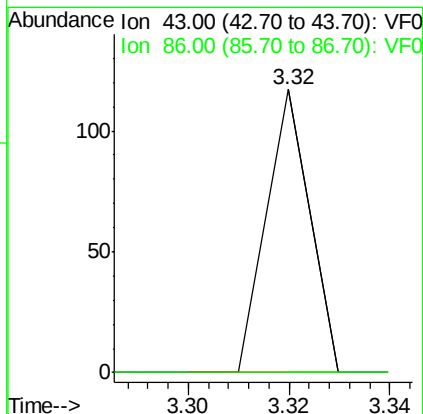
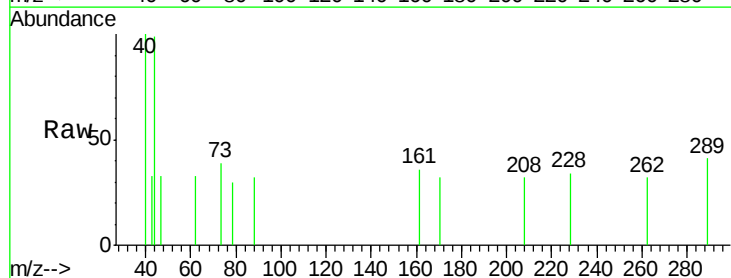
RT: 3.32 min Scan# 283

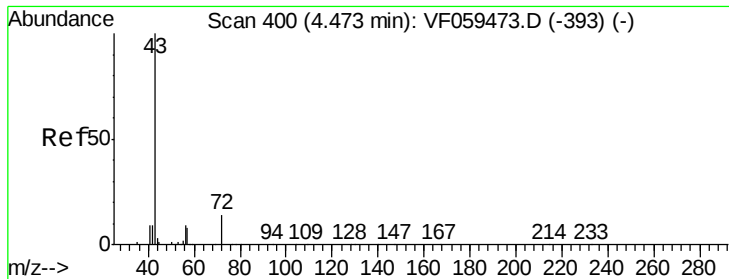
Delta R.T. 0.02 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Tgt Ion:	43	Resp:	69
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.3	7.9#





#25

2-Butanone

Concen: 16.400 ug/l

RT: 4.41 min Scan# 394

Delta R.T. -0.06 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

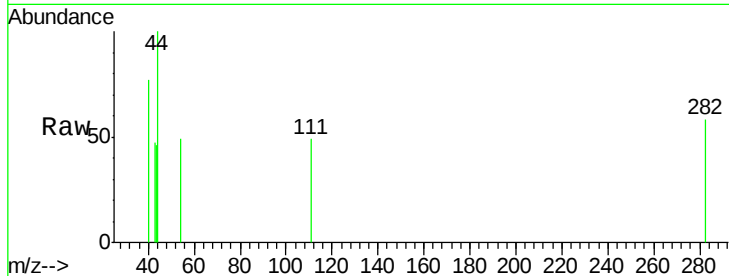
ClientSampled :

Tot Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

72 0.0 13.8 20.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.41

200

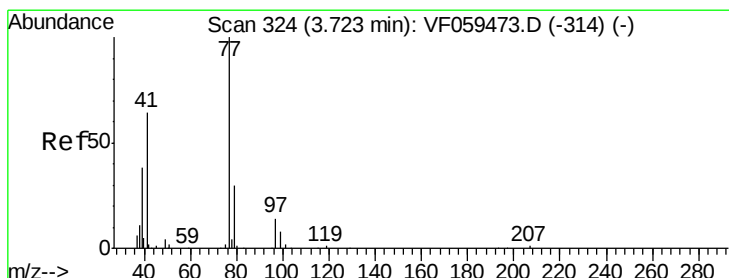
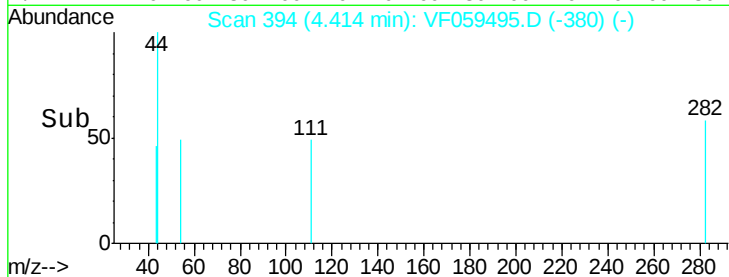
150

100

50

0

Time-->



#26

2,2-Dichloropropane

Concen: 4.615 ug/l

RT: 3.70 min Scan# 322

Delta R.T. -0.02 min

Lab File: VF059495.D

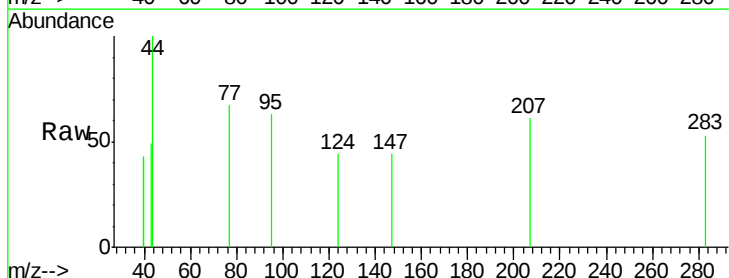
Acq: 10 Jul 2018 20:15

Tgt Ion: 77 Resp: 99

Ion Ratio Lower Upper

77 100

97 0.0 7.7 23.1#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.70

200

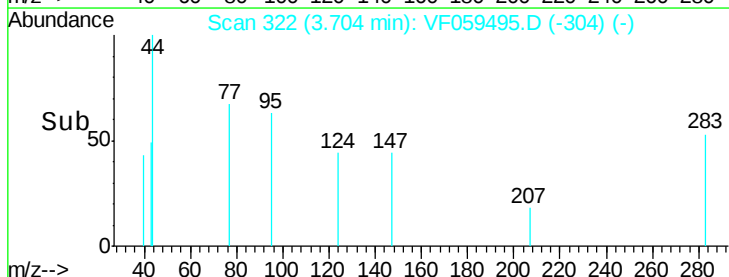
150

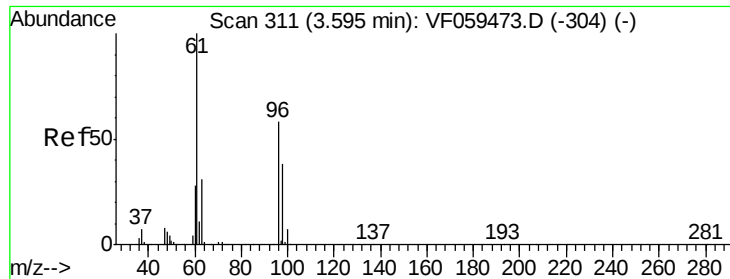
100

50

0

Time-->



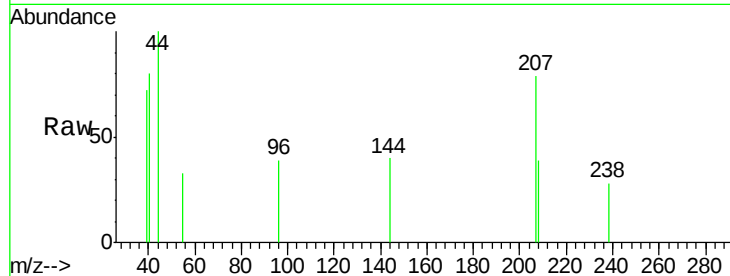


#27

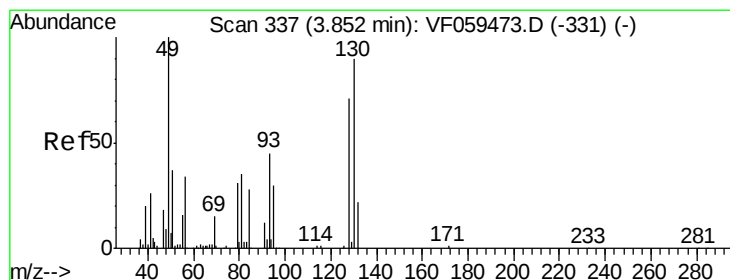
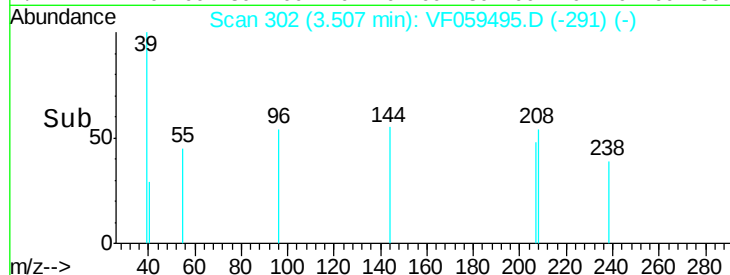
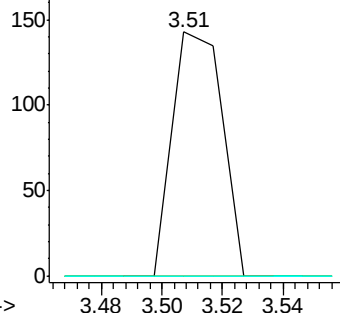
cis-1,2-Dichloroethene
Concen: 8.105 ug/l
RT: 3.51 min Scan# 302
Delta R.T. -0.09 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	342.0
98	0.0	0.0	130.0



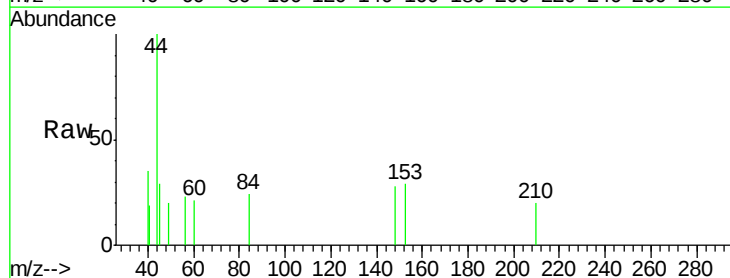
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



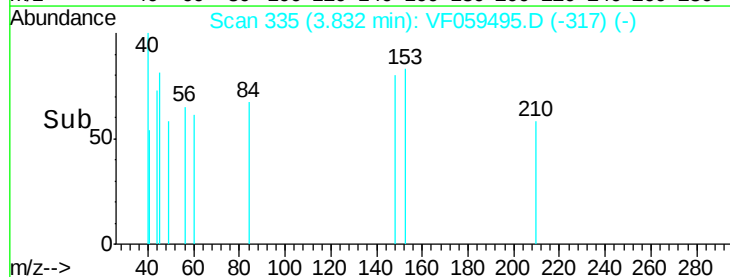
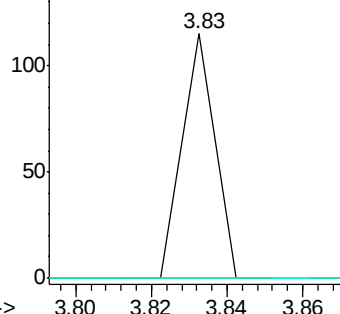
#28

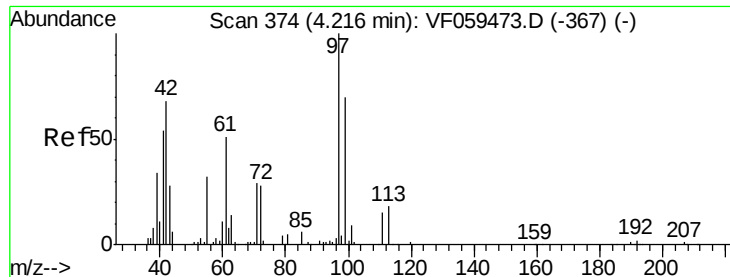
Bromochloromethane
Concen: 4.403 ug/l
RT: 3.83 min Scan# 335
Delta R.T. -0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.2
130	0.0	71.4	107.0#



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

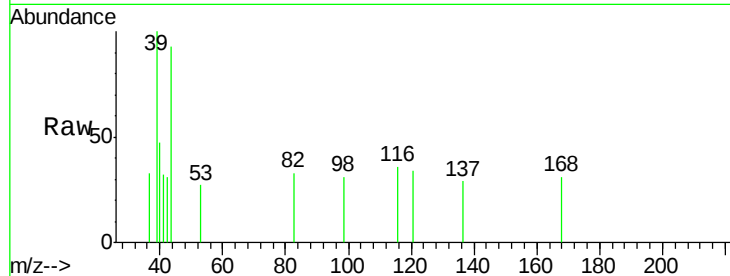




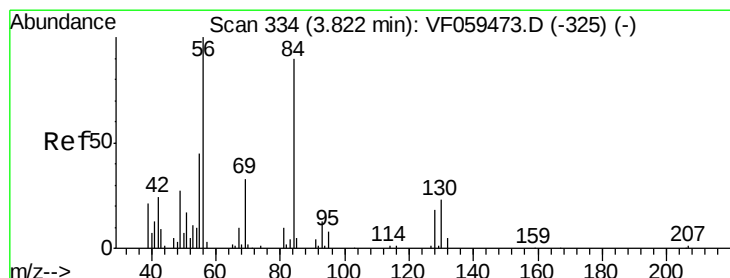
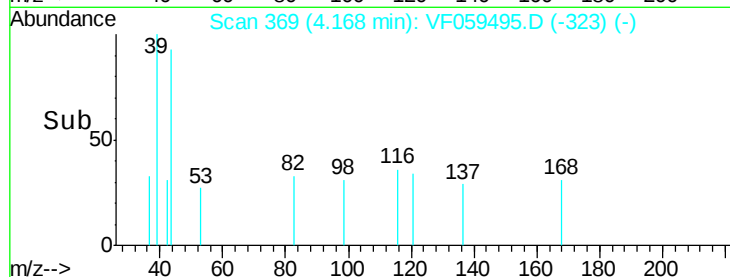
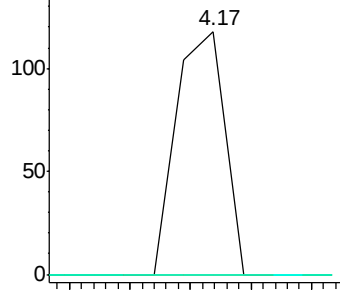
#29
Tetrahydrofuran
Concen: 38.514 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.05 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 42 Resp: 131
Ion Ratio Lower Upper
42 100
72 0.0 29.2 43.8#
71 0.0 30.1 45.1#

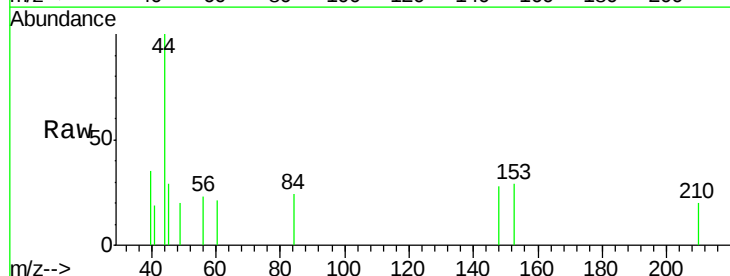


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

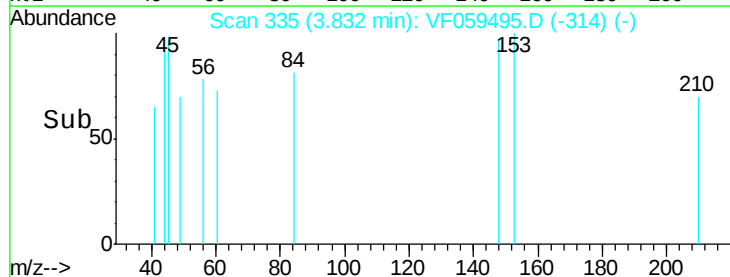
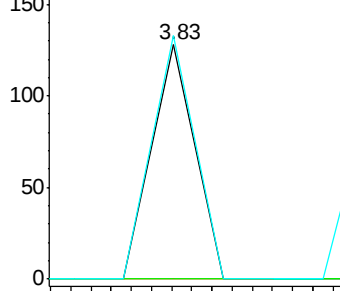


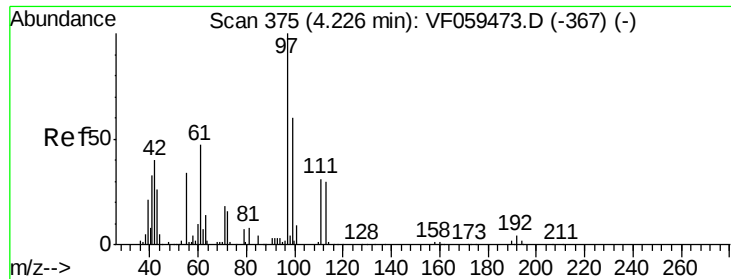
#31
Cyclohexane
Concen: 3.522 ug/l
RT: 3.83 min Scan# 335
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
69 0.0 26.2 39.2#
84 103.9 72.3 108.5



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





#32

1,1,1-Trichloroethane

Concen: 2.025 ug/l

RT: 4.36 min Scan# 389

Delta R.T. 0.14 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

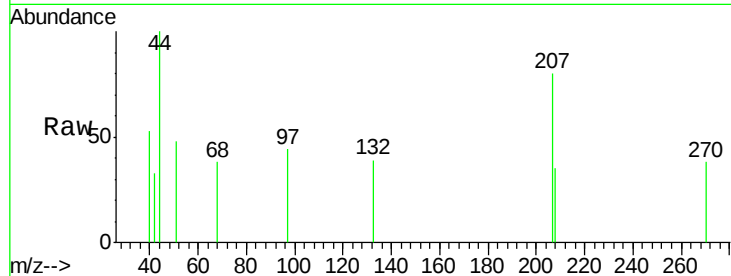
Tot Ion: 97 Resp: 82

Ion Ratio Lower Upper

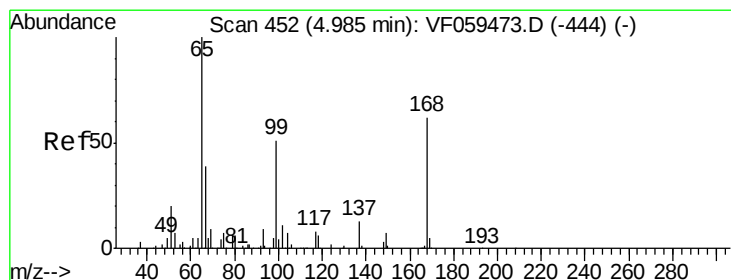
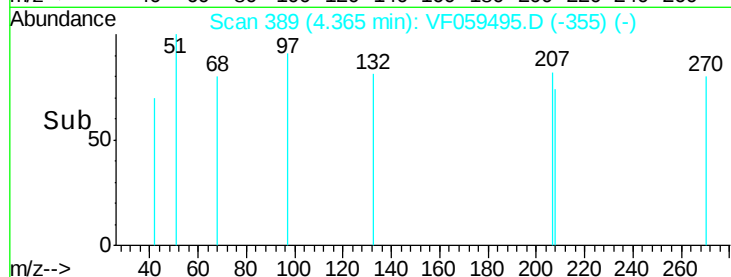
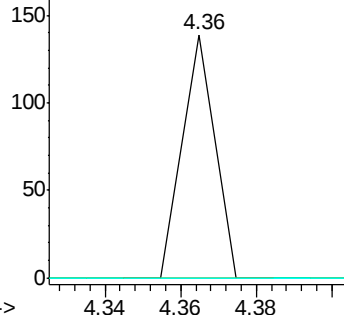
97 100

99 0.0 47.8 71.6#

61 0.0 37.9 56.9#



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 14.661 ug/l

RT: 5.00 min Scan# 453

Delta R.T. 0.01 min

Lab File: VF059495.D

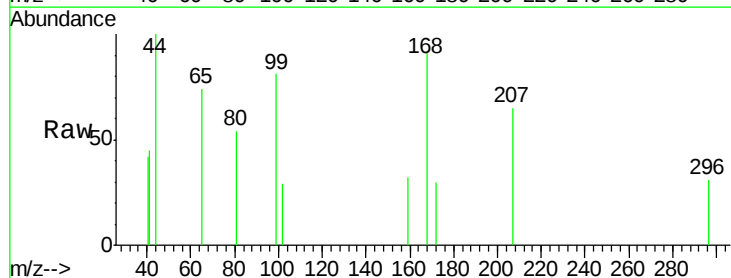
Acq: 10 Jul 2018 20:15

Tgt Ion: 65 Resp: 522

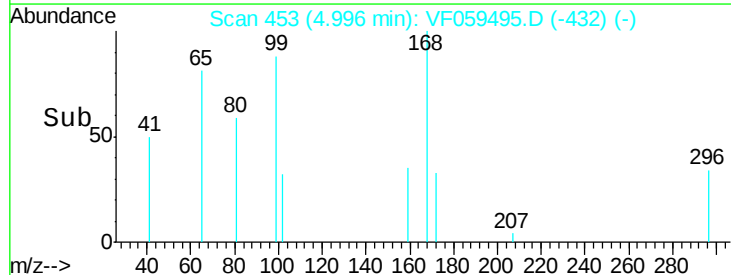
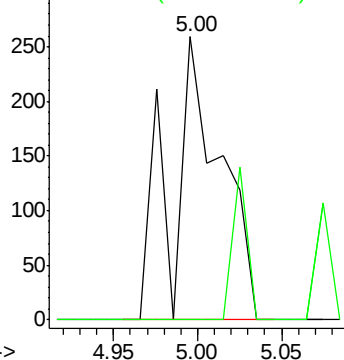
Ion Ratio Lower Upper

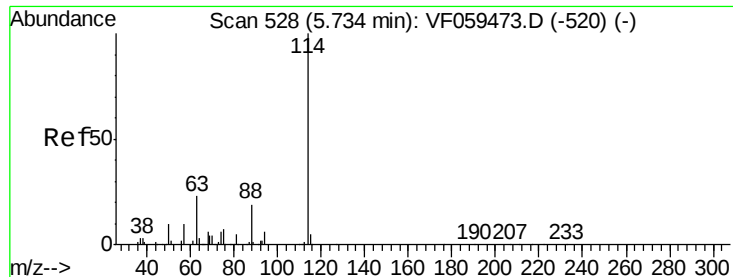
65 100

67 0.0 0.0 88.6



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

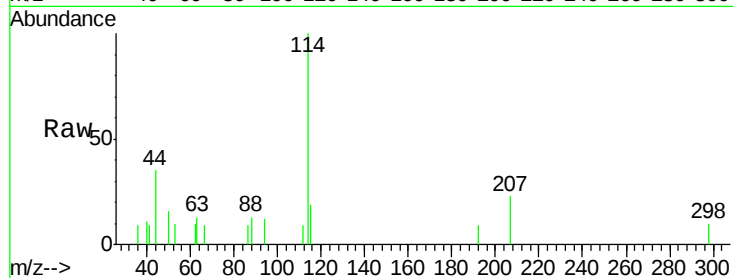




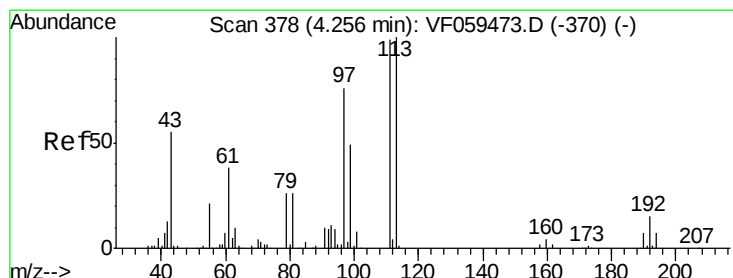
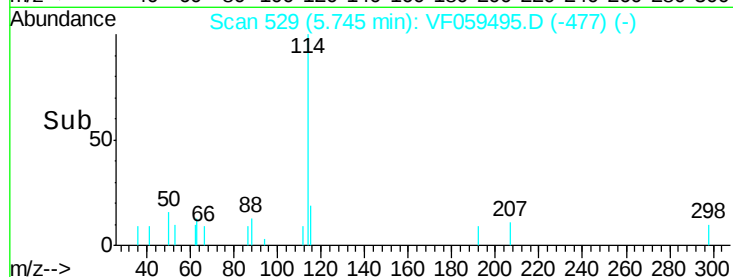
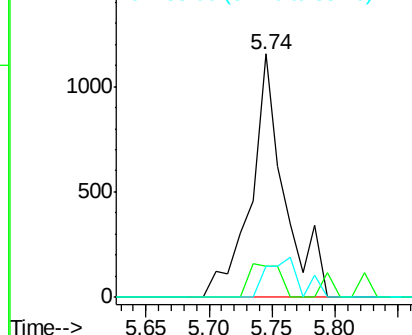
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:114 Resp: 2119
Ion Ratio Lower Upper
114 100
63 12.6 0.0 47.2
88 13.0 0.0 38.0

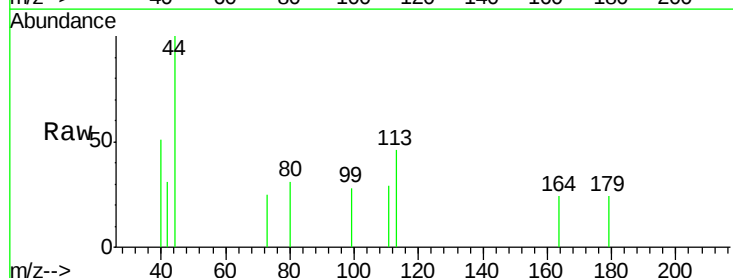


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

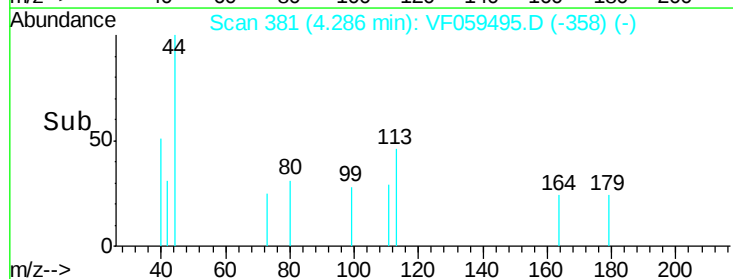
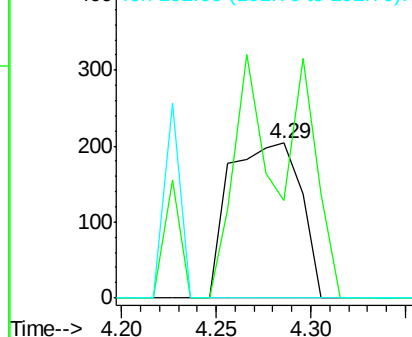


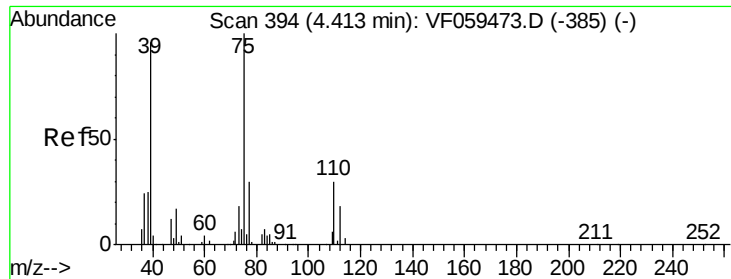
#35
Dibromofluoromethane
Concen: 26.067 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:113 Resp: 530
Ion Ratio Lower Upper
113 100
111 62.7 79.3 118.9#
192 0.0 12.0 18.0#



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





#36

1,1-Dichloropropene

Concen: 3.306 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.12 min

Lab File: VF059495.D

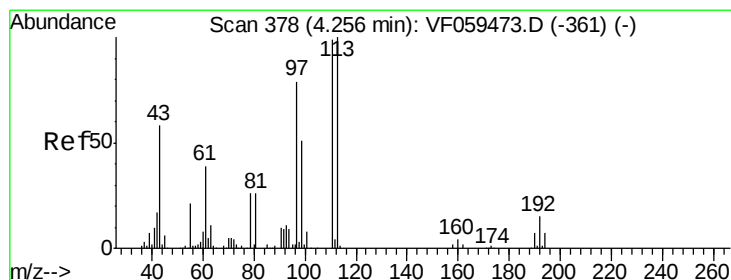
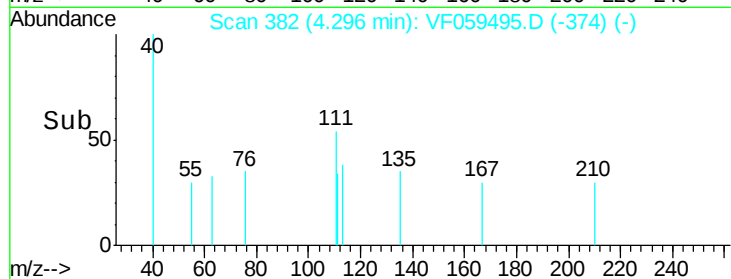
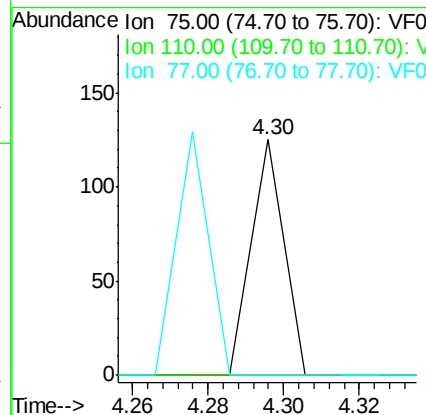
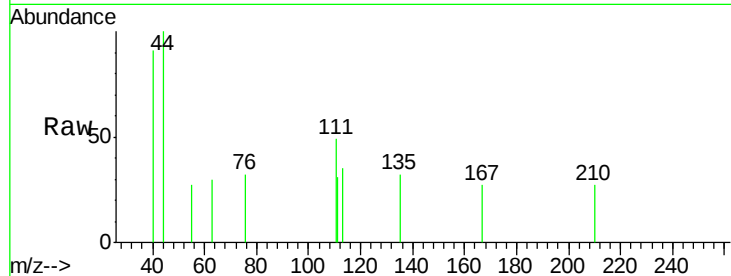
Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.2	45.5#
77	0.0	24.2	36.2#



#37

Ethyl Acetate

Concen: 19.035 ug/l

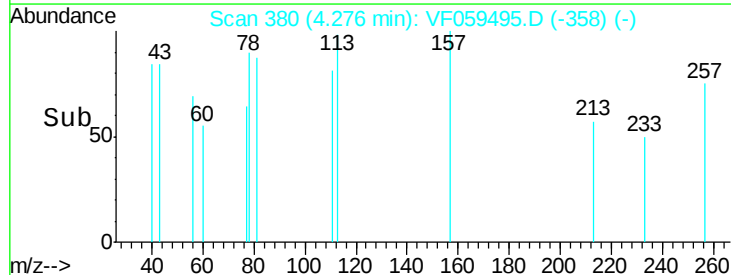
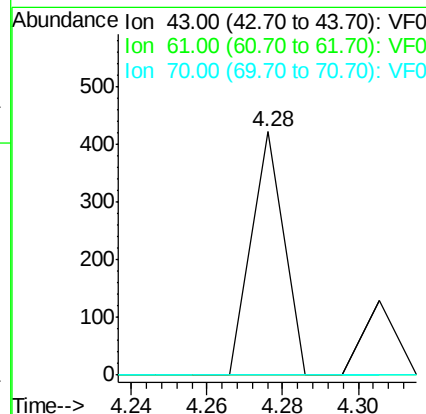
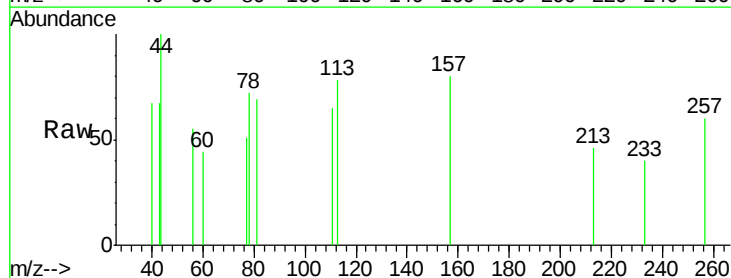
RT: 4.28 min Scan# 380

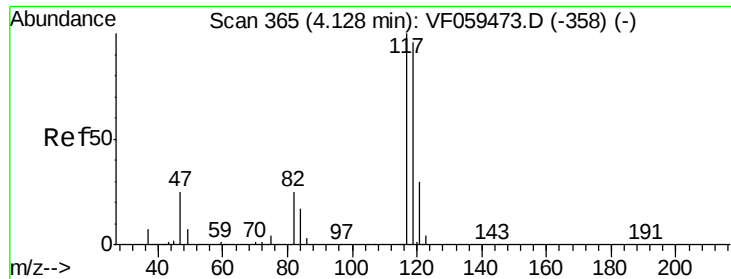
Delta R.T. 0.02 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	54.2	81.4#
70	0.0	7.0	10.6#

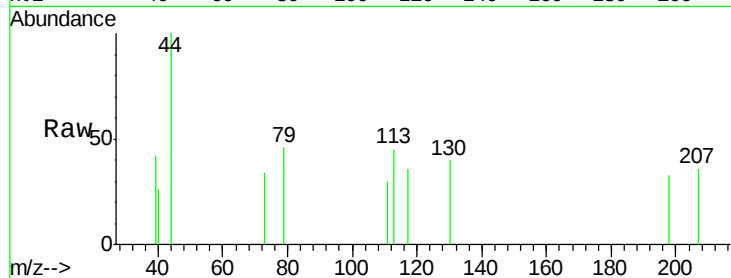




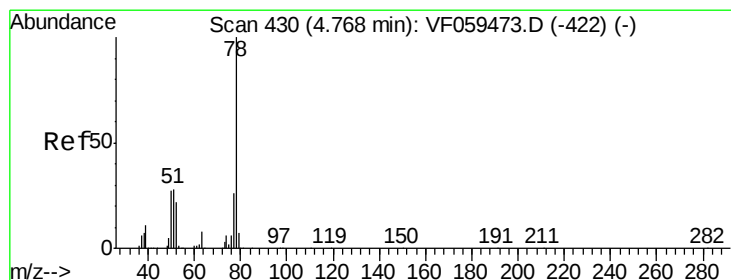
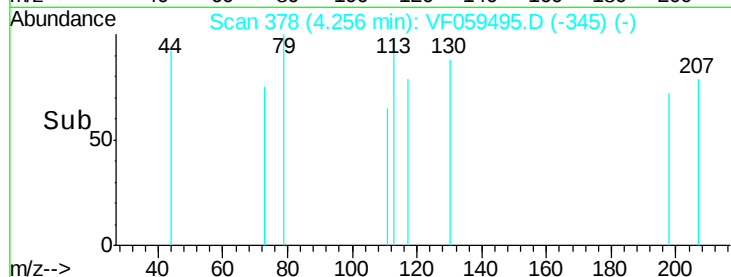
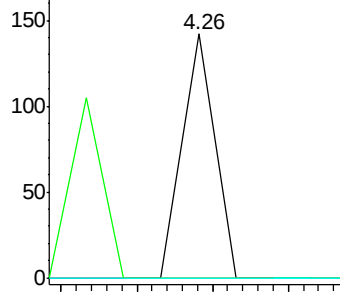
#38
Carbon Tetrachloride
Concen: 2.626 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.13 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 84
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 23.6 35.4#

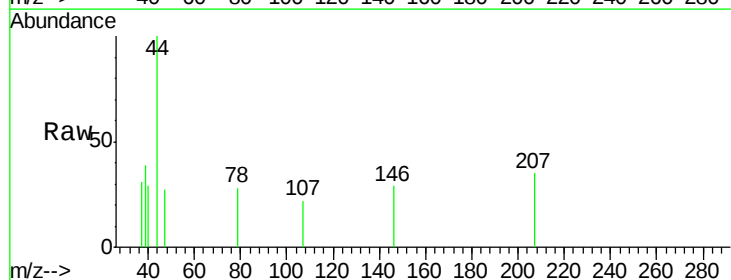


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

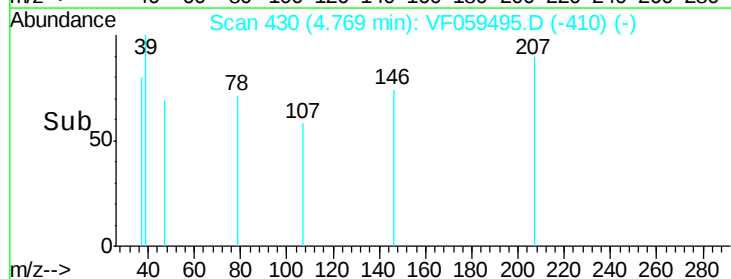
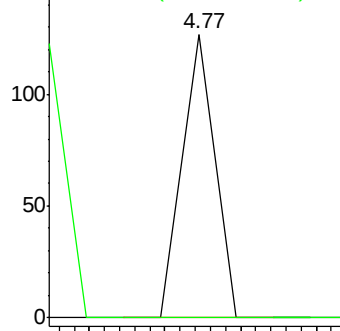


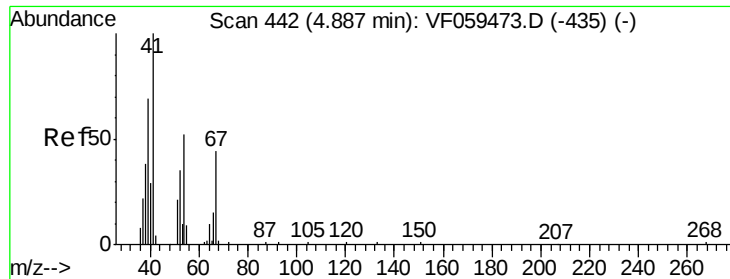
#40
Benzene
Concen: 1.710 ug/l
RT: 4.77 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 78 Resp: 75
Ion Ratio Lower Upper
78 100
77 0.0 20.8 31.2#



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0

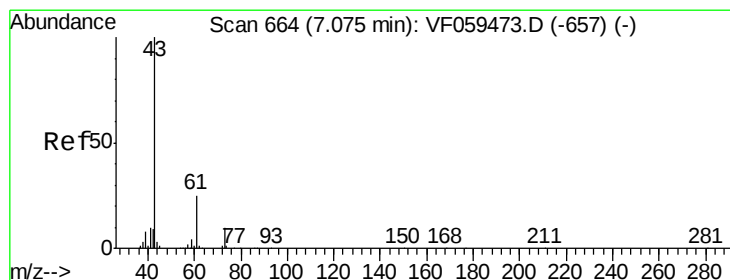
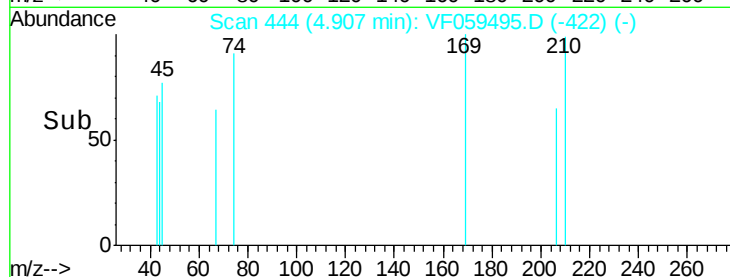
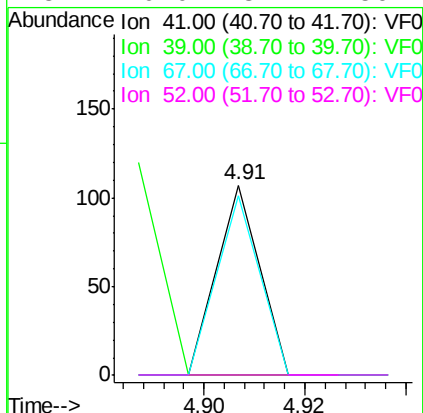
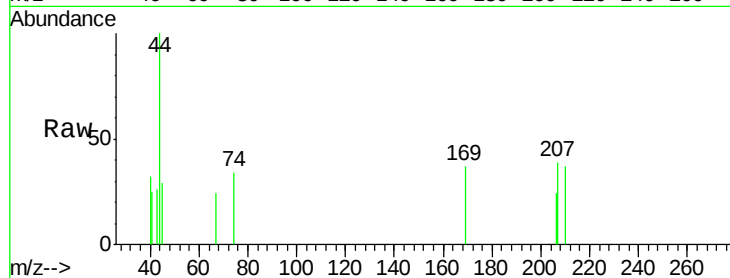




#41
Methacrylonitrile
Concen: 10.442 ug/l
RT: 4.91 min Scan# 444
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

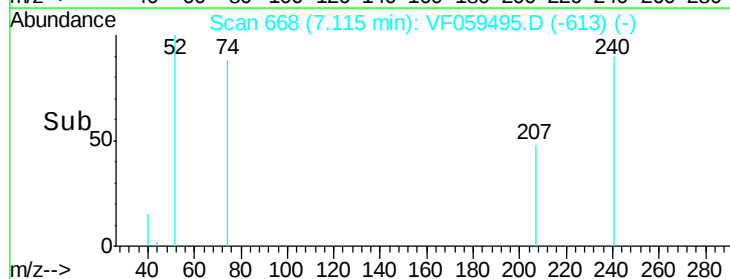
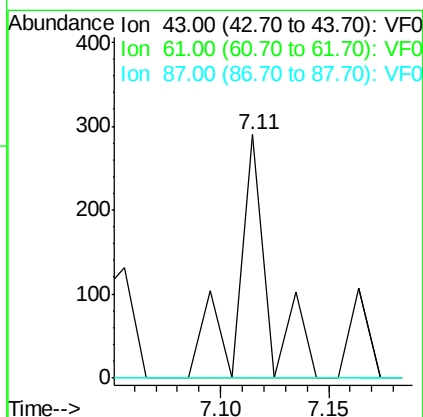
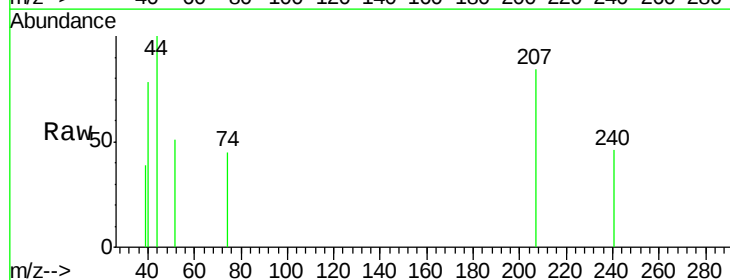
Instrument :
MSVOA_F
ClientSampleId :

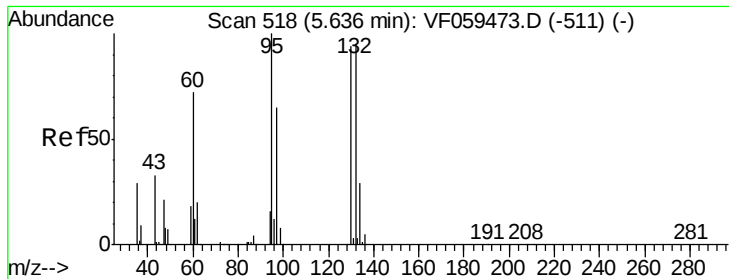
Tot Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
39 0.0 61.7 92.5#
67 94.4 35.4 53.2#
52 0.0 37.4 56.2#



#43
Isopropyl Acetate
Concen: 19.554 ug/l
RT: 7.11 min Scan# 668
Delta R.T. 0.04 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
61 0.0 20.3 30.5#
87 0.0 0.3 0.5#





#44

Trichloroethene

Concen: 4.698 ug/l

RT: 5.71 min Scan# 525

Delta R.T. 0.07 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

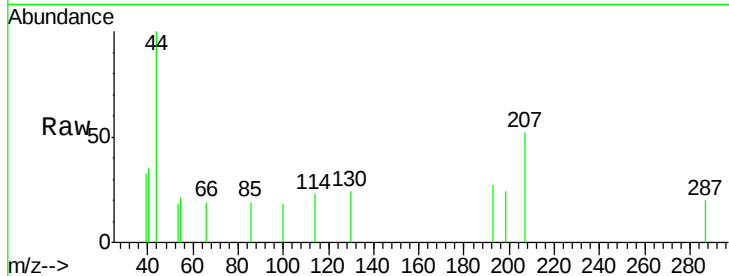
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:130 Resp: 76

Ion Ratio Lower Upper

130 100

95 0.0 0.0 214.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

5.71

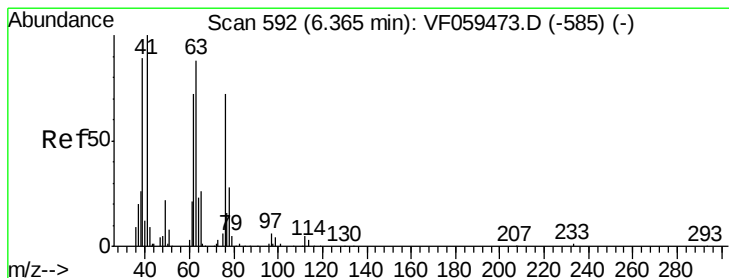
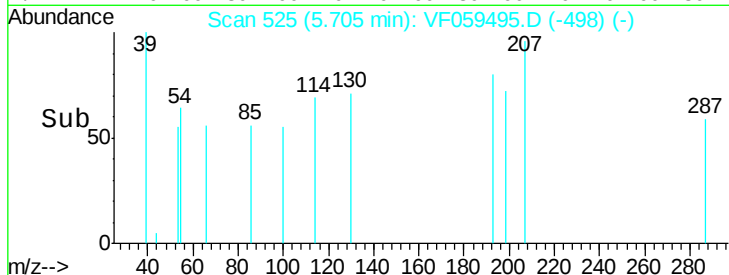
100

50

0

5.68 5.70 5.72

Time-->



#45

1,2-Dichloropropane

Concen: 5.797 ug/l

RT: 6.26 min Scan# 581

Delta R.T. -0.11 min

Lab File: VF059495.D

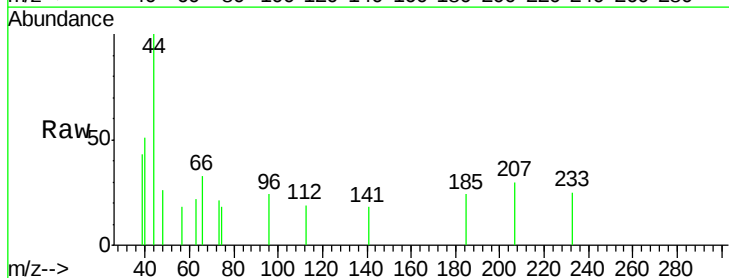
Acq: 10 Jul 2018 20:15

Tgt Ion: 63 Resp: 73

Ion Ratio Lower Upper

63 100

65 152.0 23.5 35.3#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.26

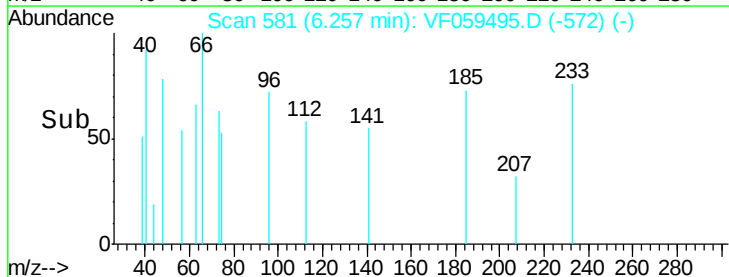
100

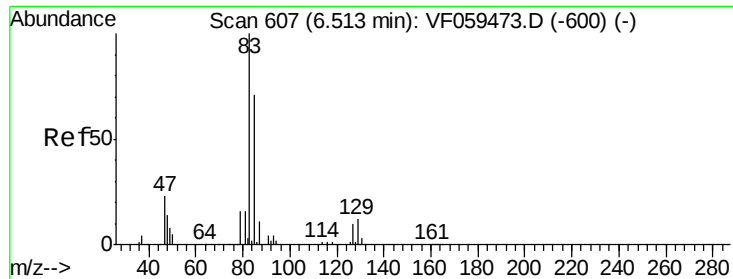
50

0

6.22 6.24 6.26 6.28

Time-->





#47

Bromodichloromethane

Concen: 2.826 ug/l

RT: 6.40 min Scan# 595

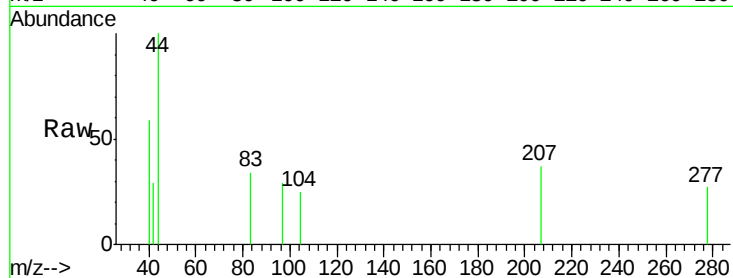
Delta R.T. -0.12 min

Lab File: VF059495.D

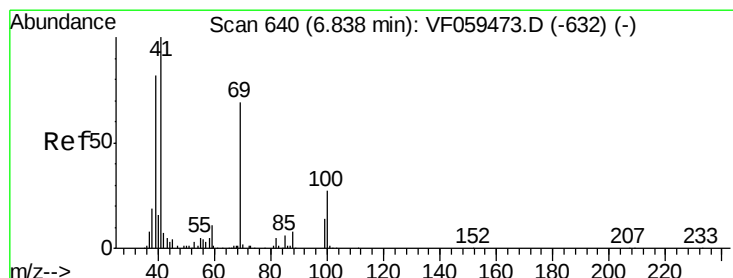
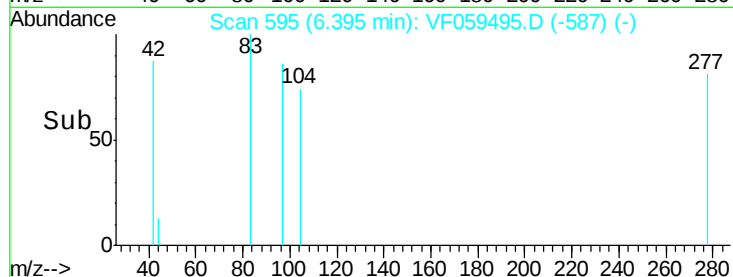
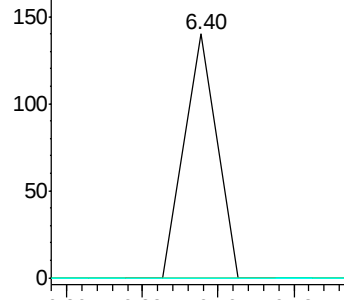
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	83	Resp:	83
Ion	Ratio	Lower	Upper
83	100		
85	0.0	56.6	84.8#
127	0.0	8.1	12.1#



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 7.084 ug/l

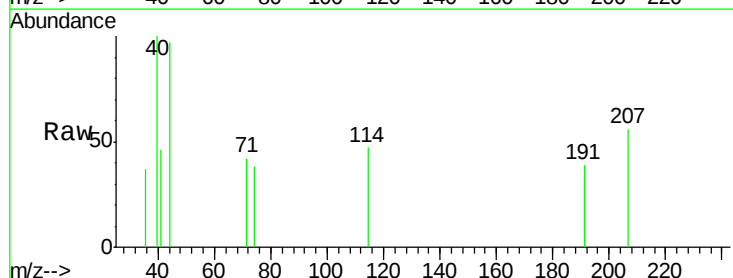
RT: 6.83 min Scan# 639

Delta R.T. -0.01 min

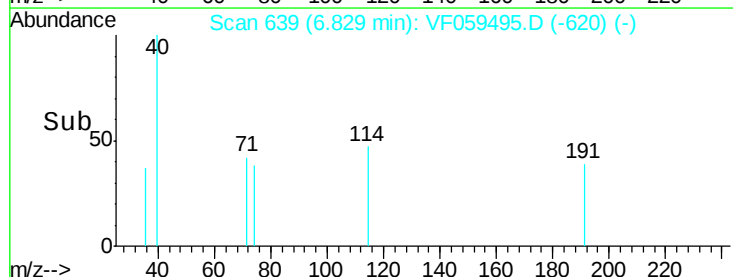
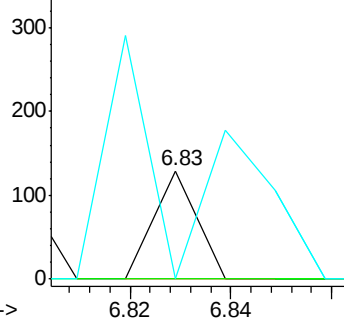
Lab File: VF059495.D

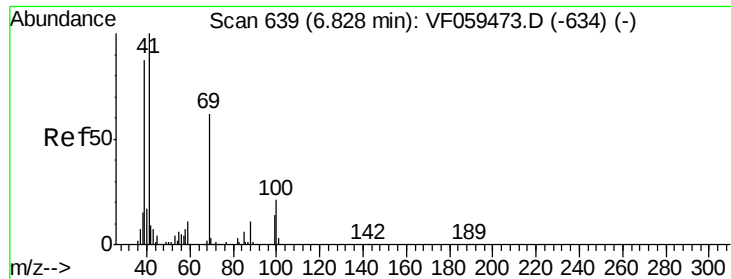
Acq: 10 Jul 2018 20:15

Tgt Ion:	41	Resp:	76
Ion	Ratio	Lower	Upper
41	100		
69	0.0	55.6	83.4#
39	0.0	66.0	99.0#



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





#49

1,4-Dioxane

Concen: 1252.699 ug/l

RT: 7.15 min Scan# 672

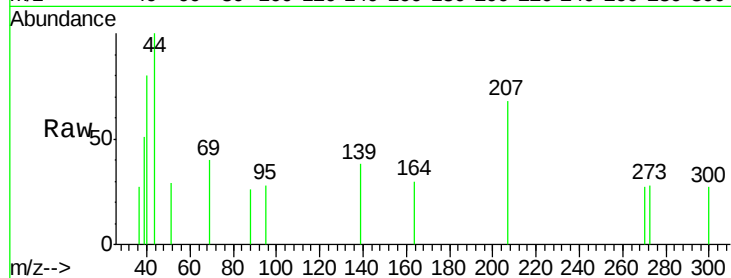
Delta R.T. 0.33 min

Lab File: VF059495.D

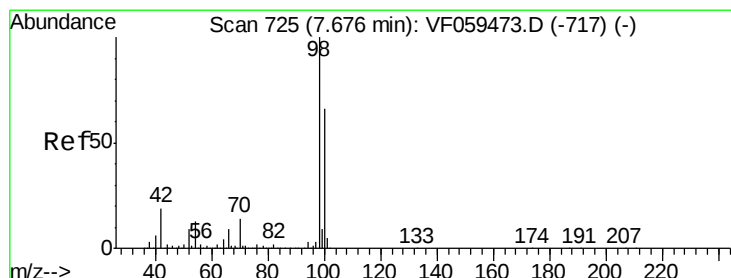
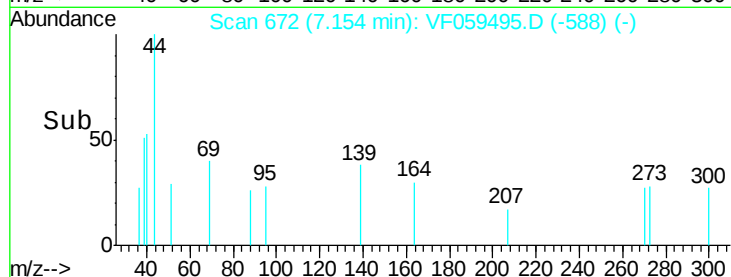
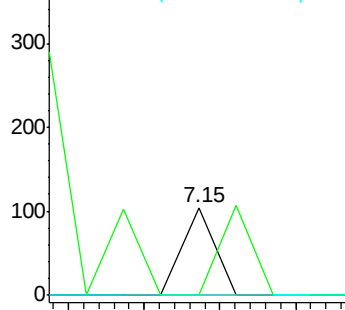
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	88	Resp:	61
Ion	Ratio	Lower	Upper
88	100		
43	0.0	57.3	85.9#
58	0.0	54.6	81.8#



Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 31.863 ug/l

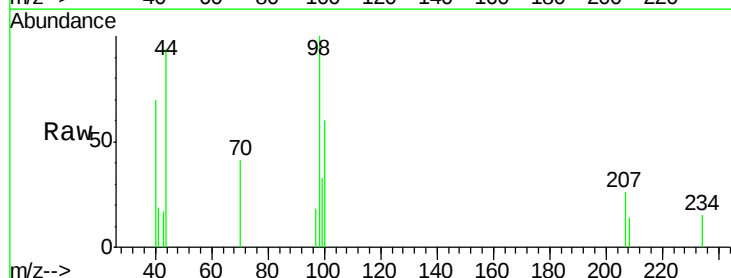
RT: 7.70 min Scan# 727

Delta R.T. 0.02 min

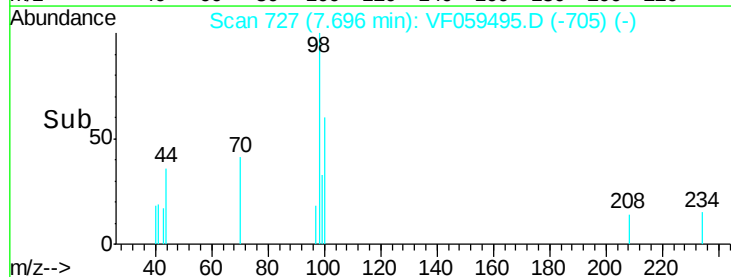
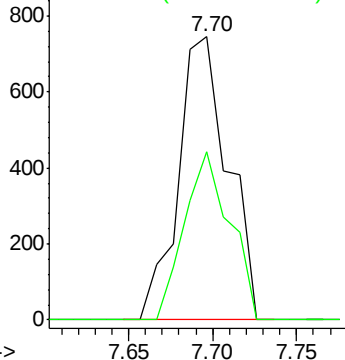
Lab File: VF059495.D

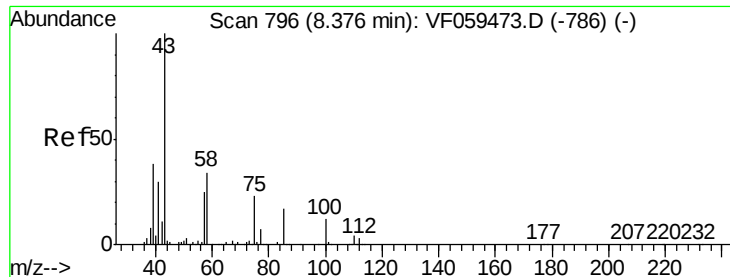
Acq: 10 Jul 2018 20:15

Tgt Ion:	98	Resp:	1524
Ion	Ratio	Lower	Upper
98	100		
100	59.6	52.6	78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 18.209 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.04 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

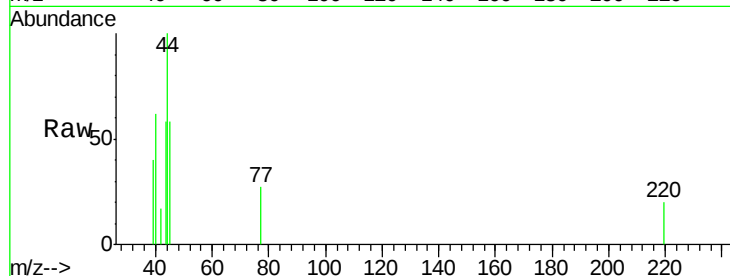
ClientSampleId :

Tot Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

58 0.0 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.42

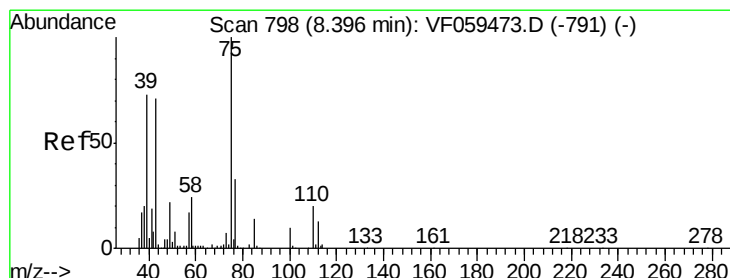
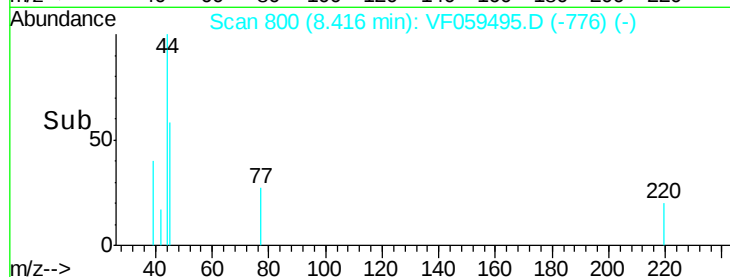
300

200

100

0

Time--> 8.38 8.40 8.42 8.44



#53

t-1,3-Dichloropropene

Concen: 2.359 ug/l

RT: 8.45 min Scan# 803

Delta R.T. 0.05 min

Lab File: VF059495.D

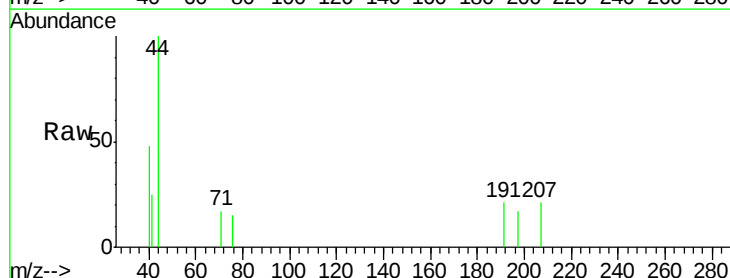
Acq: 10 Jul 2018 20:15

Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

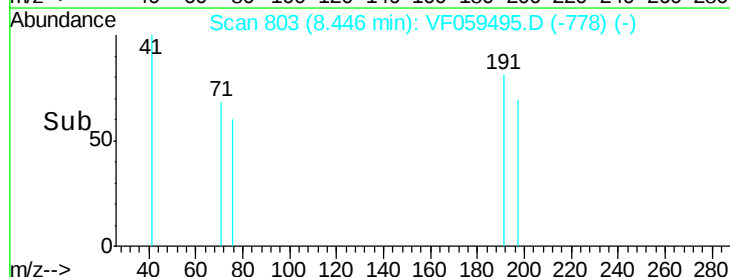
150

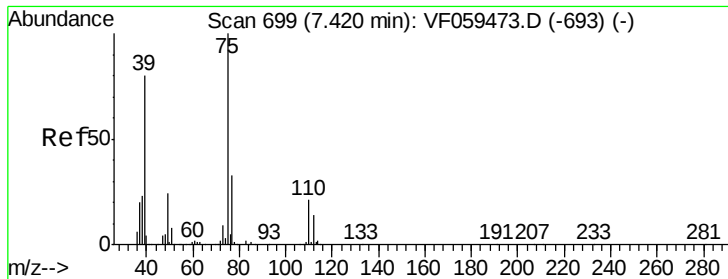
100

50

0

Time--> 8.42 8.44 8.46





#54

cis-1,3-Dichloropropene

Concen: 2.994 ug/l

RT: 7.30 min Scan# 687

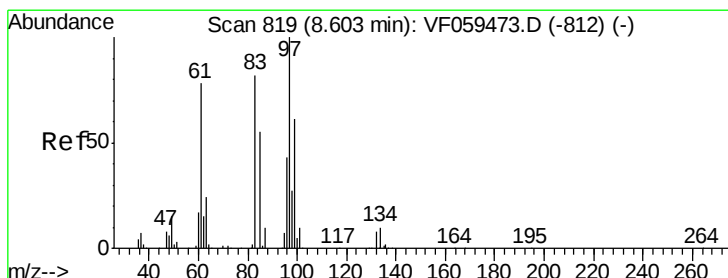
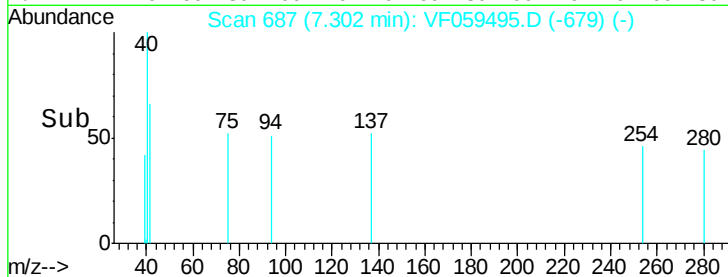
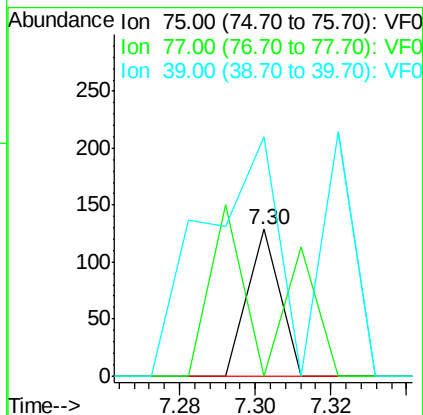
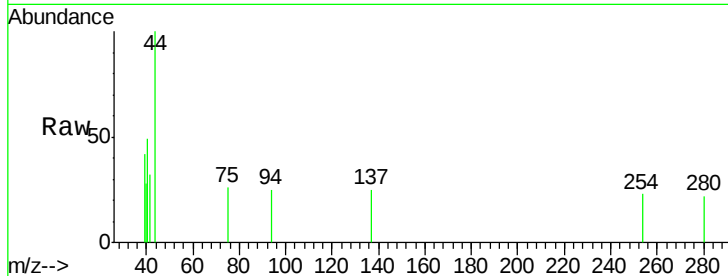
Delta R.T. -0.12 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	75	Resp:	76
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.4#
39	162.8	64.5	96.7#



#55

1,1,2-Trichloroethane

Concen: 4.773 ug/l

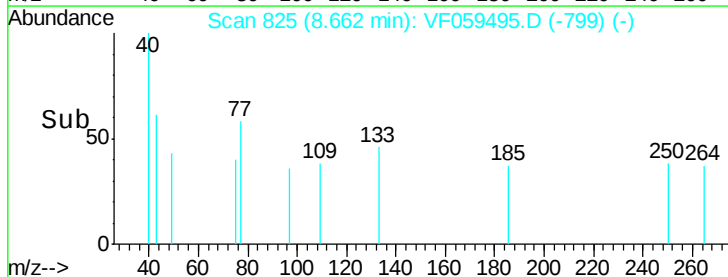
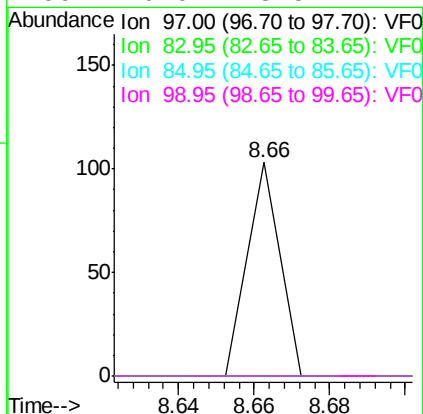
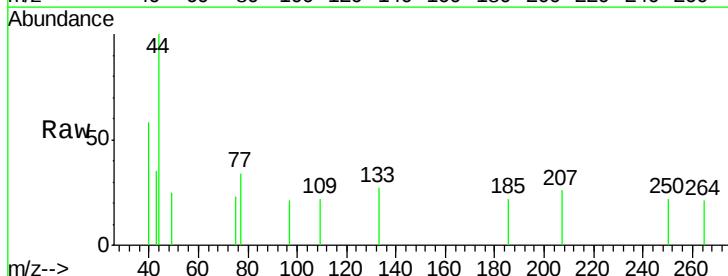
RT: 8.66 min Scan# 825

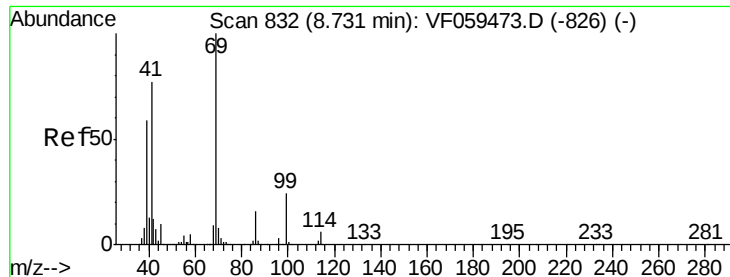
Delta R.T. 0.06 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Tgt Ion:	97	Resp:	61
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.7	98.5#
85	0.0	43.8	65.6#
99	0.0	48.5	72.7#





#56

Ethyl methacrylate

Concen: 7.609 ug/l

RT: 8.75 min Scan# 834

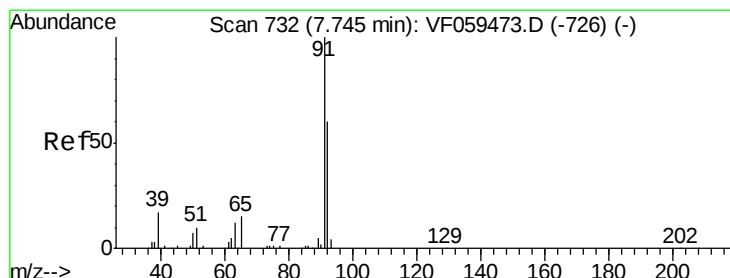
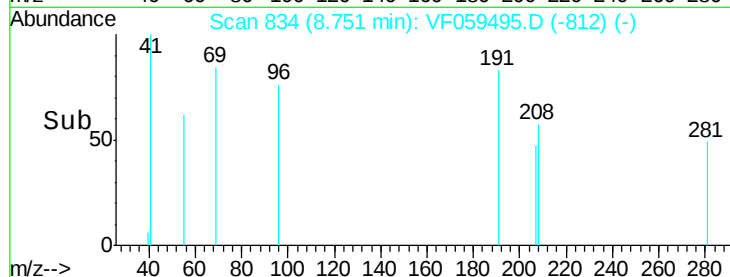
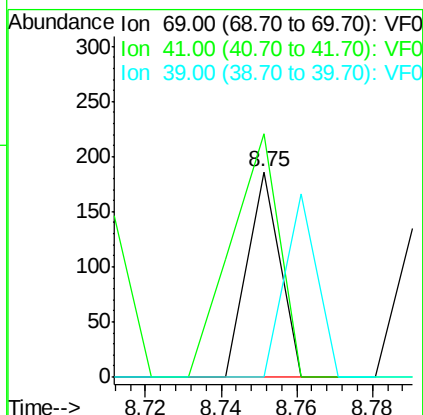
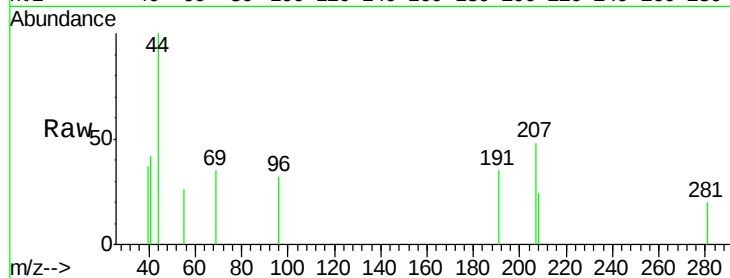
Delta R.T. 0.02 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 69 Resp: 110
Ion Ratio Lower Upper
69 100
41 118.8 62.2 93.4#
39 0.0 47.7 71.5#



#58

2-Chloroethyl Vinyl ether

Concen: 49.837 ug/l

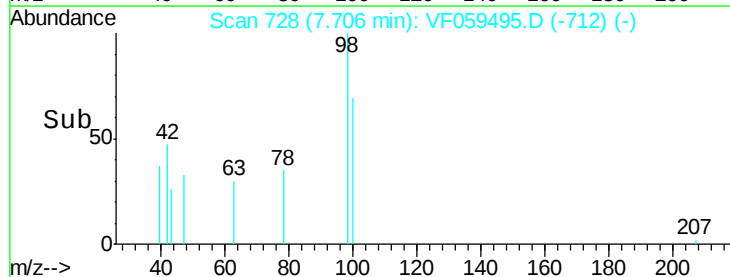
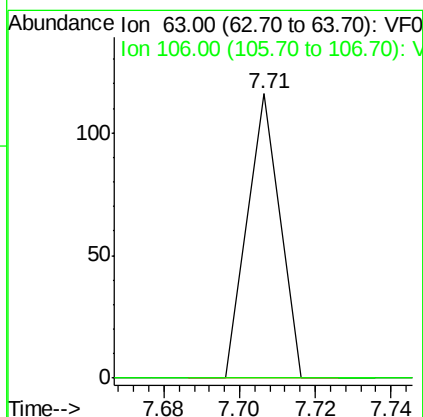
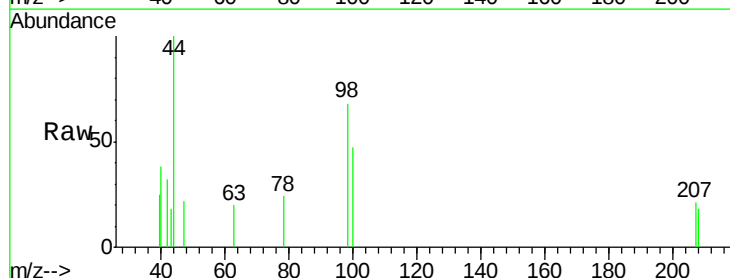
RT: 7.71 min Scan# 728

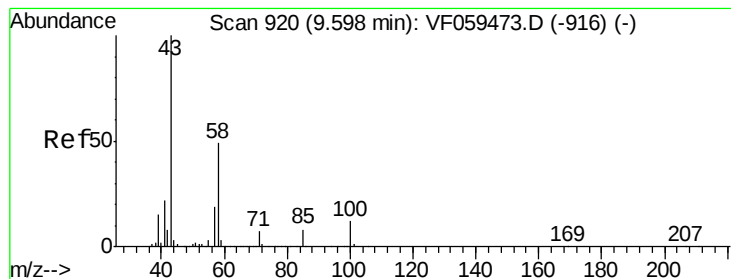
Delta R.T. -0.04 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Tgt Ion: 63 Resp: 69
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0





#59

2-Hexanone

Concen: 16.573 ug/l

RT: 9.66 min Scan# 926

Delta R.T. 0.06 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

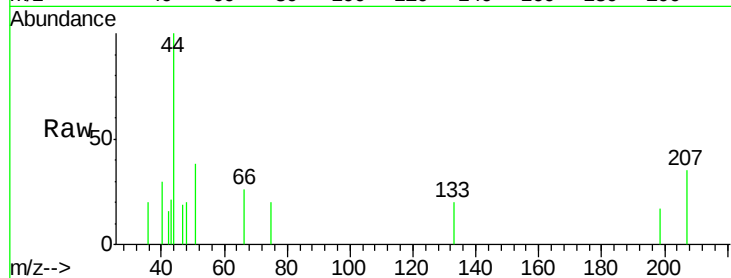
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

58 0.0 22.4 67.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

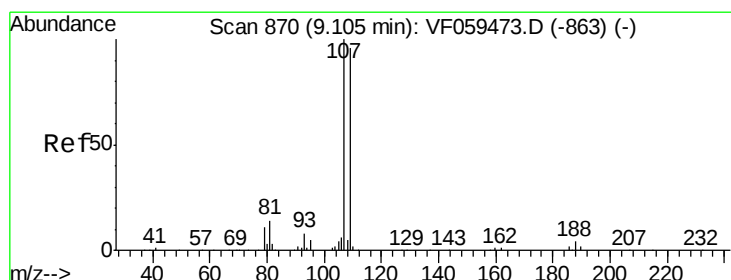
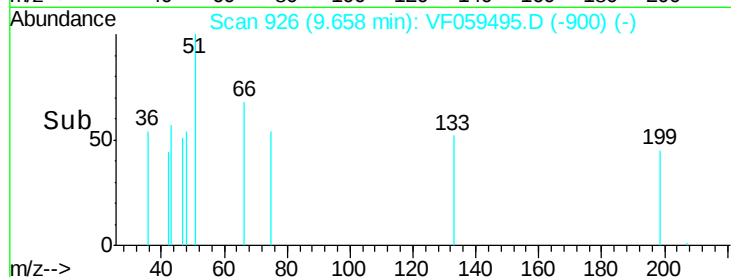
9.66

100

50

0

Time--> 9.62 9.64 9.66 9.68 9.70



#61

1,2-Dibromoethane

Concen: 3.885 ug/l

RT: 9.25 min Scan# 885

Delta R.T. 0.15 min

Lab File: VF059495.D

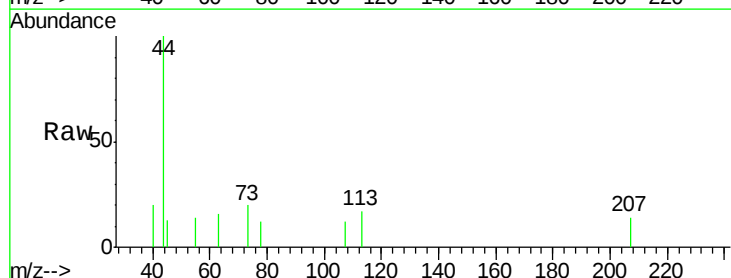
Acq: 10 Jul 2018 20:15

Tgt Ion:107 Resp: 61

Ion Ratio Lower Upper

107 100

109 0.0 76.7 115.1#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

120

100

80

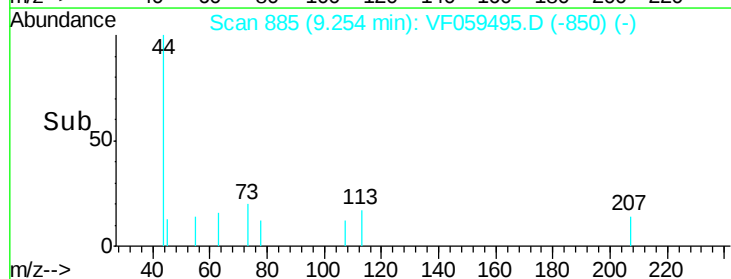
60

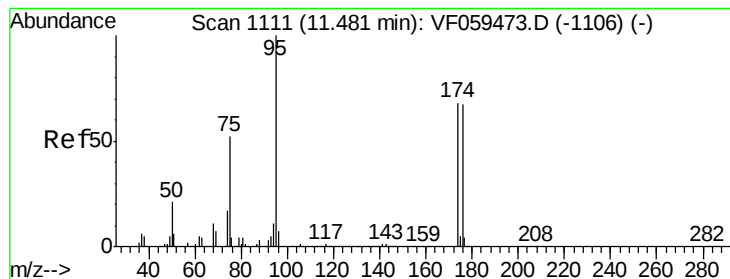
40

20

0

Time--> 9.22 9.24 9.26 9.28





#62

4-Bromofluorobenzene

Concen: 18.477 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

ClientSampleId :

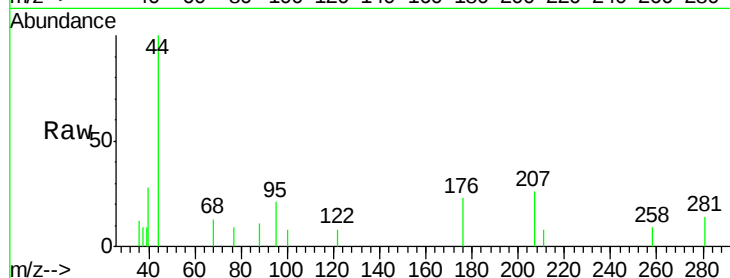
Tot Ion: 95 Resp: 493

Ion Ratio Lower Upper

95 100

174 0.0 0.0 137.0

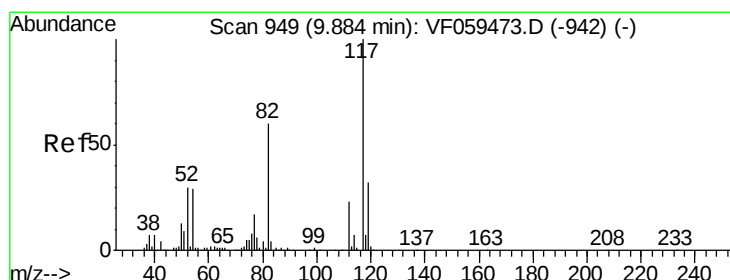
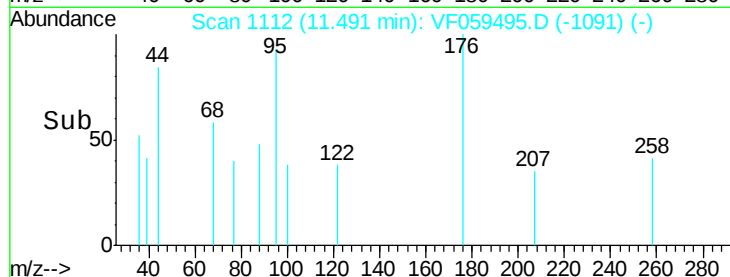
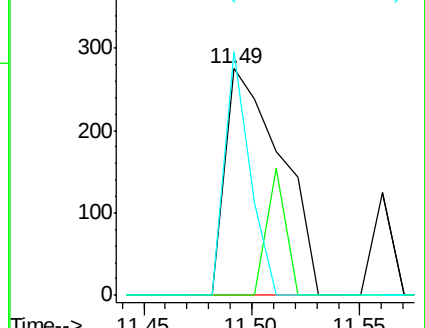
176 107.6 0.0 133.8



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: 50.000 ug/l

RT: 9.89 min Scan# 950

Delta R.T. 0.01 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

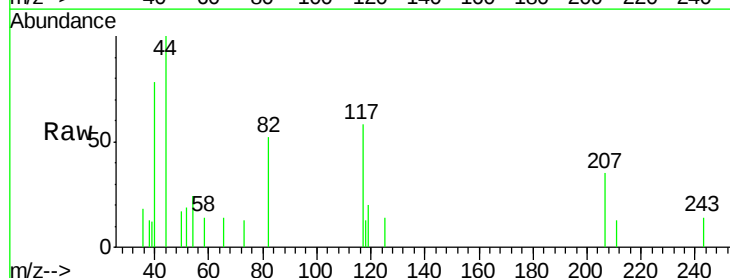
Tgt Ion: 117 Resp: 1374

Ion Ratio Lower Upper

117 100

82 89.6 48.2 72.4#

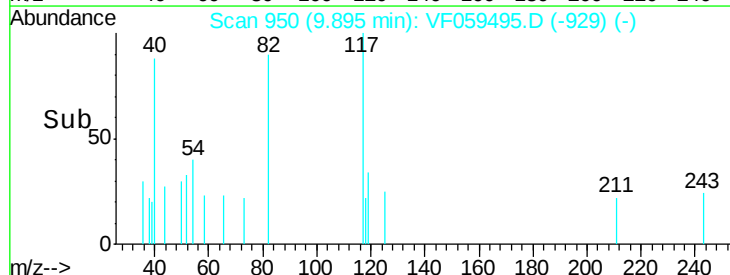
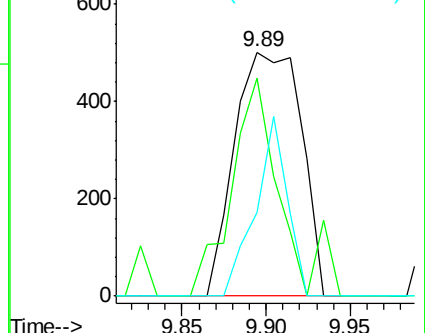
119 34.1 25.7 38.5

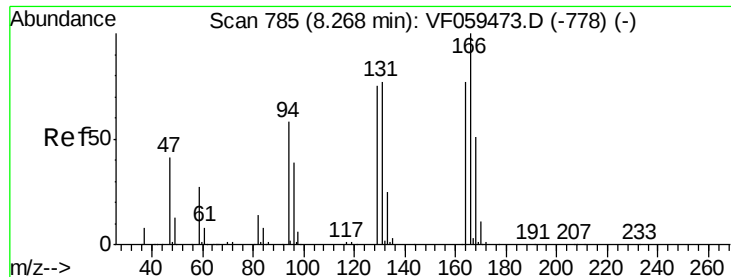


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 5.301 ug/l

RT: 8.39 min Scan# 797

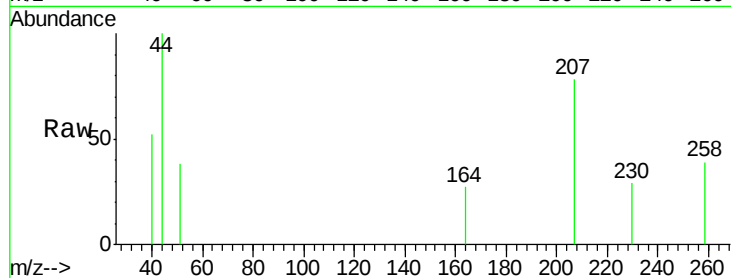
Delta R.T. 0.12 min

Lab File: VF059495.D

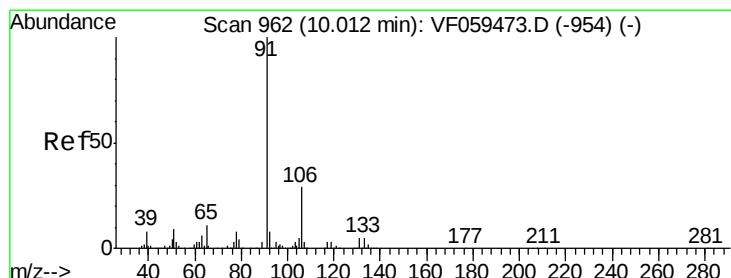
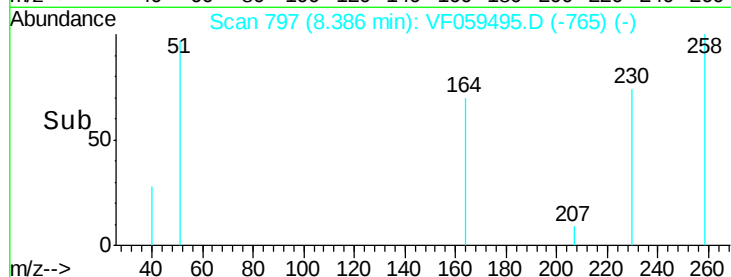
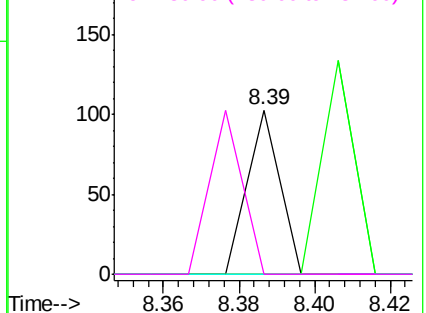
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	164	Resp:	61
Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.5	155.3#
129	0.0	77.6	116.4#
131	0.0	79.8	119.6#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#67

Ethyl Benzene

Concen: 1.375 ug/l

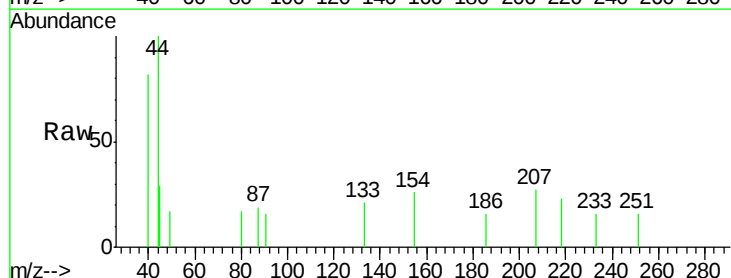
RT: 10.04 min Scan# 965

Delta R.T. 0.03 min

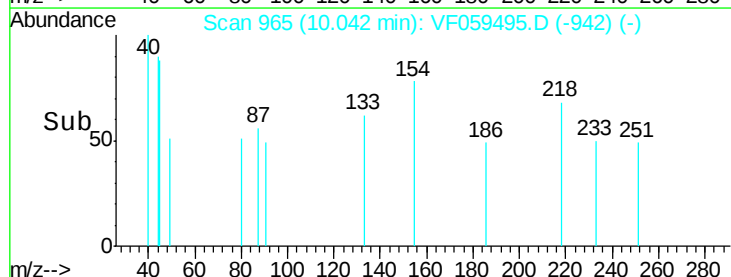
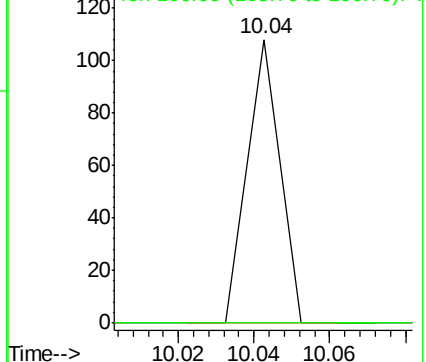
Lab File: VF059495.D

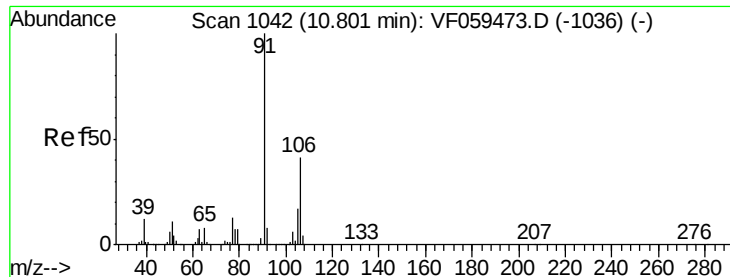
Acq: 10 Jul 2018 20:15

Tgt Ion:	91	Resp:	64
Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.0	34.6#



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

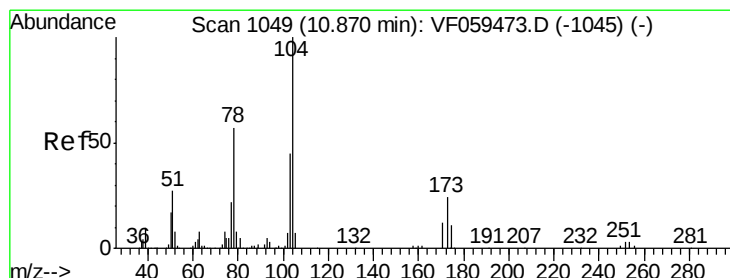
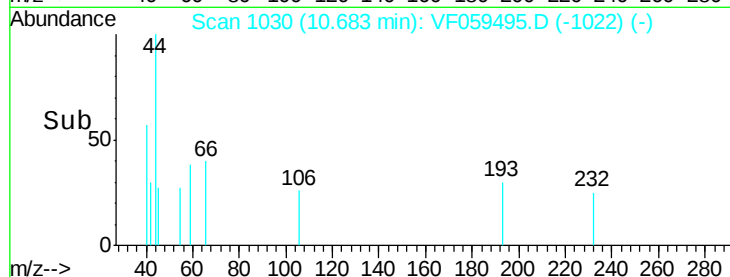
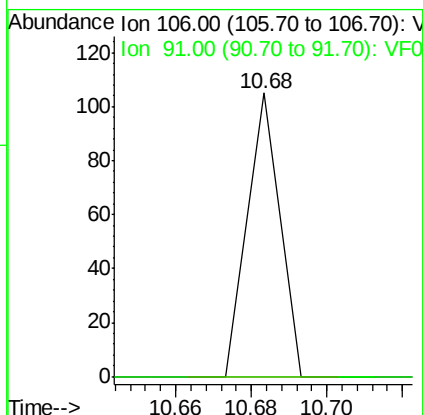
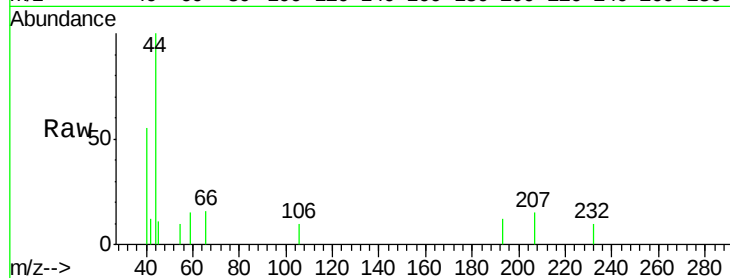




#69
o-Xylene
Concen: 3.511 ug/l
RT: 10.68 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

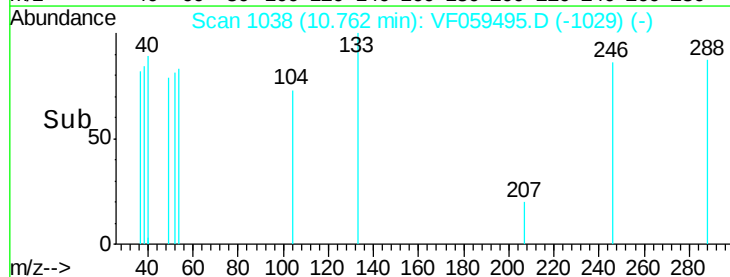
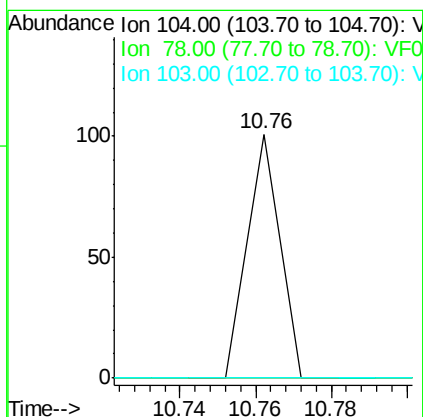
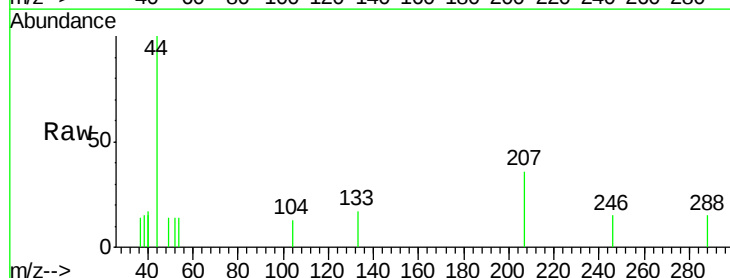
Instrument :
MSVOA_F
ClientSampleId :

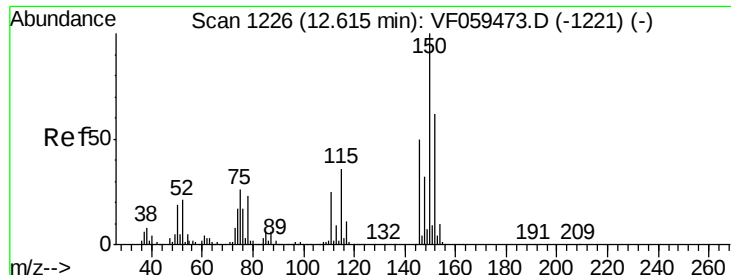
Tot Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 0.0 121.8 365.3#



#70
Styrene
Concen: 2.180 ug/l
RT: 10.76 min Scan# 1038
Delta R.T. -0.11 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:104 Resp: 60
Ion Ratio Lower Upper
104 100
78 0.0 46.2 69.2#
103 0.0 36.8 55.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

ClientSampled :

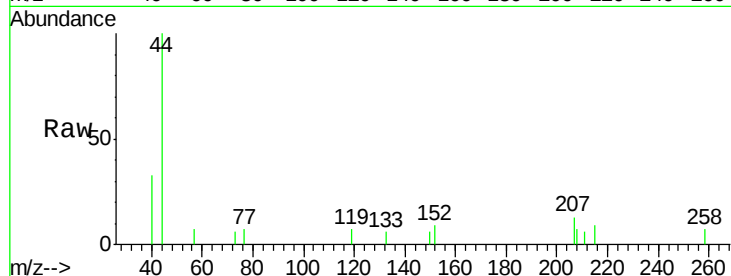
Tot Ion:152 Resp: 227

Ion Ratio Lower Upper

152 100

115 0.0 28.7 86.3#

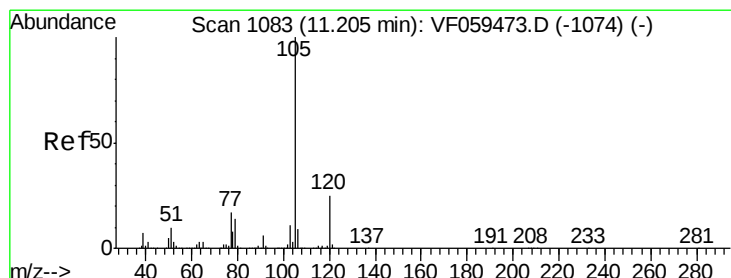
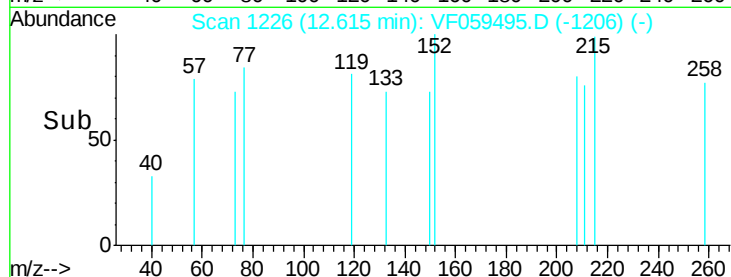
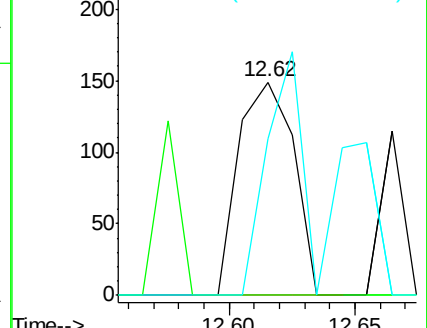
150 73.2 0.0 323.8



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



#73

Isopropylbenzene

Concen: 4.348 ug/l

RT: 11.20 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VF059495.D

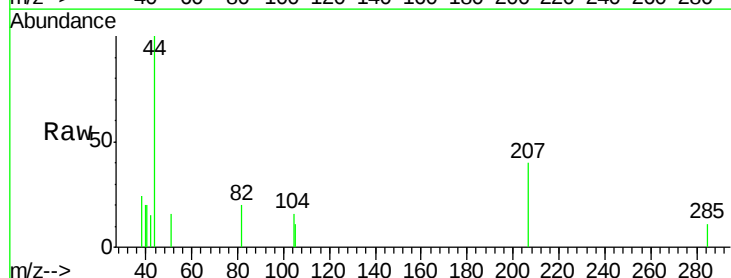
Acq: 10 Jul 2018 20:15

Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

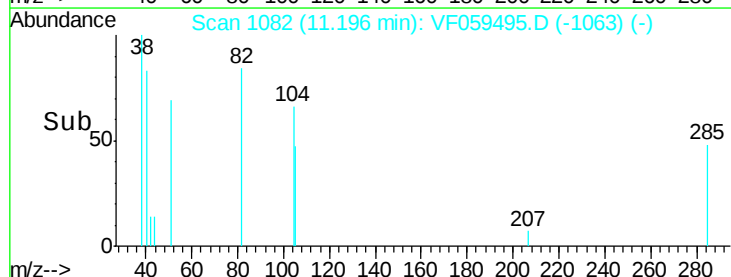
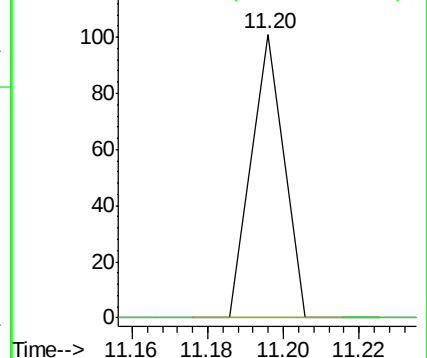
105 100

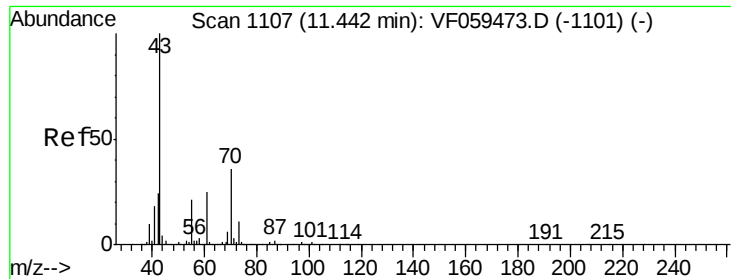
120 0.0 12.4 37.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 22.317 ug/l

RT: 11.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VF059495.D

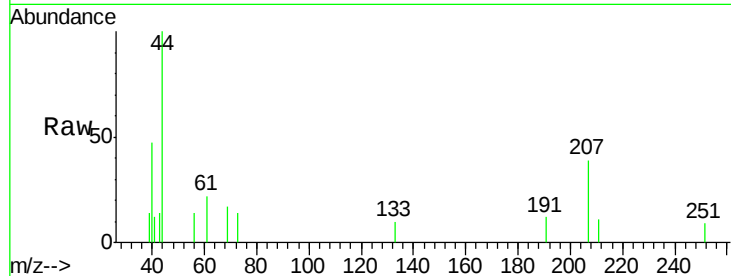
Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	43	Resp:	94
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	16.6	24.8#
61	152.2	20.1	30.1#

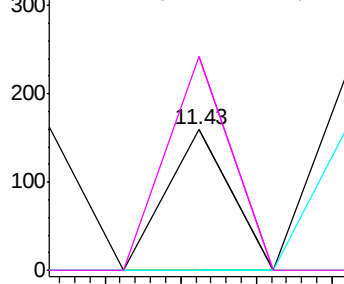


Abundance Ion 43.00 (42.70 to 43.70): VF0

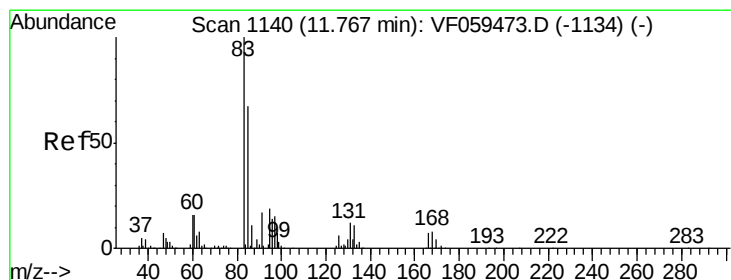
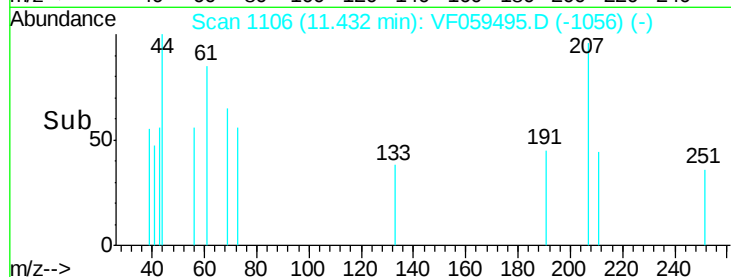
Ion 70.00 (69.70 to 70.70): VF0

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: 40.813 ug/l

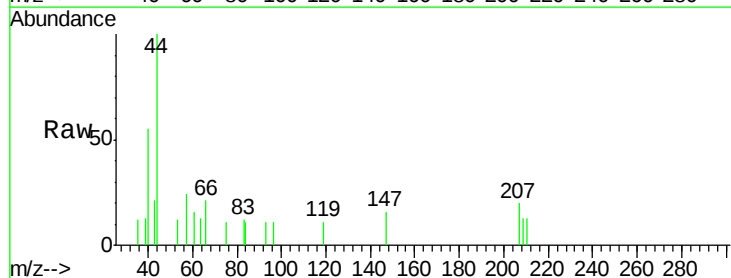
RT: 11.74 min Scan# 1137

Delta R.T. -0.03 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

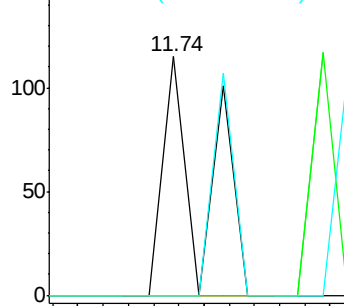
Tgt Ion:	83	Resp:	128
Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.0	18.0#
85	0.0	33.7	101.1#



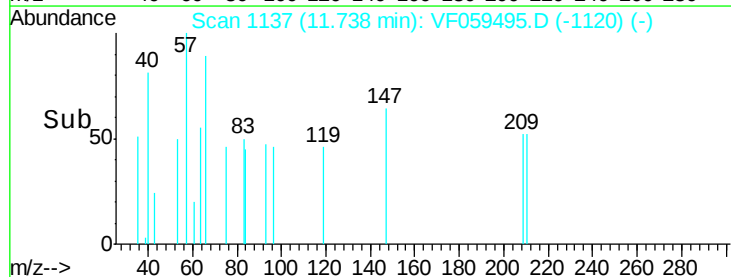
Abundance Ion 83.00 (82.70 to 83.70): VF0

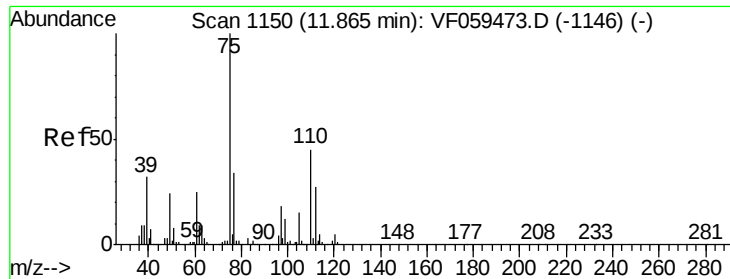
Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



Time-->





#76

1,2,3-Trichloropropane

Concen: 25.064 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.00 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

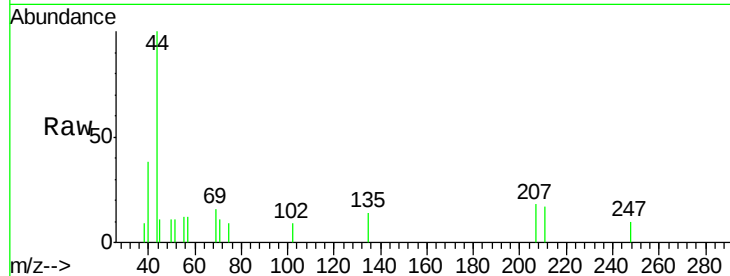
ClientSampled :

Tot Ion: 75 Resp: 64

Ion Ratio Lower Upper

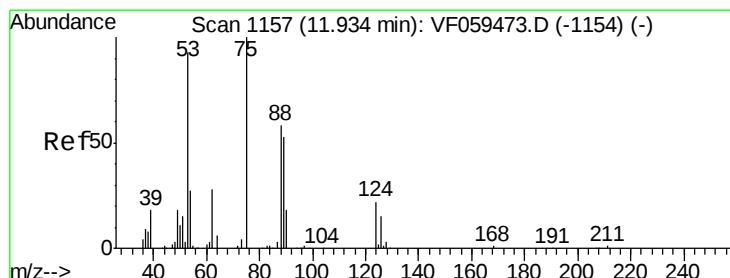
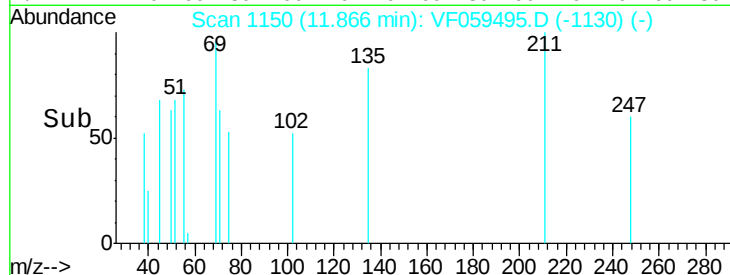
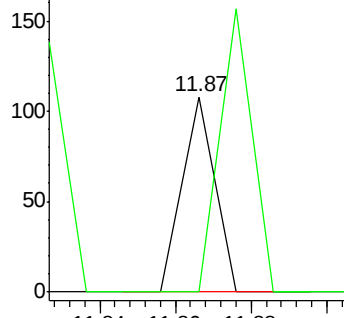
75 100

77 0.0 16.9 50.6#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#81

trans-1,4-Dichloro-2-butene

Concen: 48.315 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.07 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

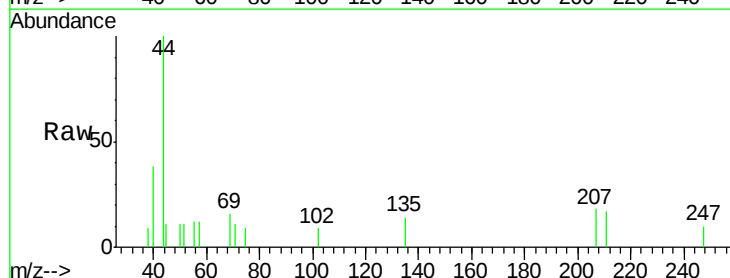
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

53 0.0 79.0 118.6#

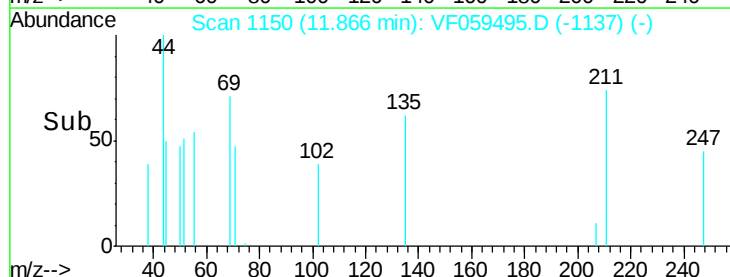
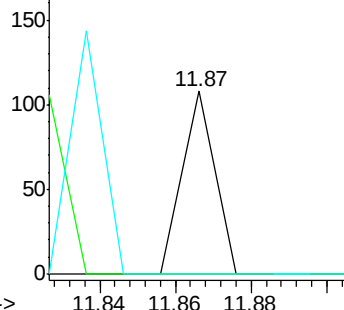
89 0.0 45.9 68.9#

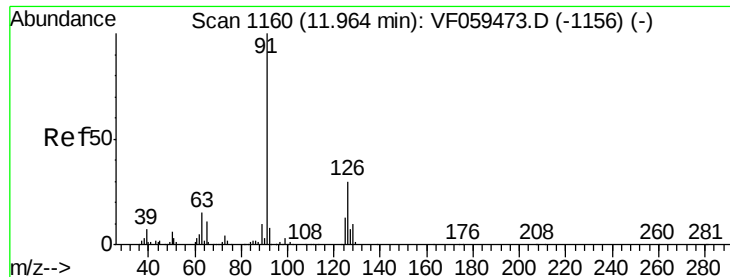


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0





#82

4-Chlorotoluene

Concen: 6.627 ug/l

RT: 12.06 min Scan# 1170

Delta R.T. 0.10 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

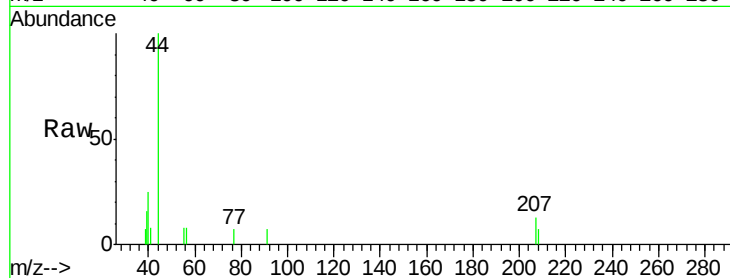
ClientSampleId :

Tot Ion: 91 Resp: 72

Ion Ratio Lower Upper

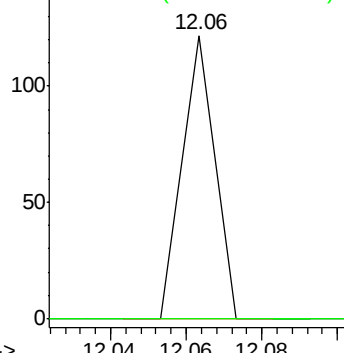
91 100

126 0.0 14.9 44.5#

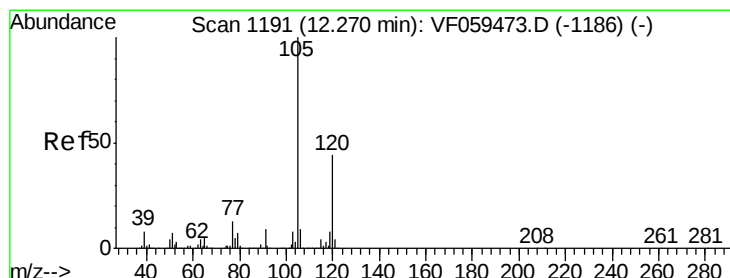
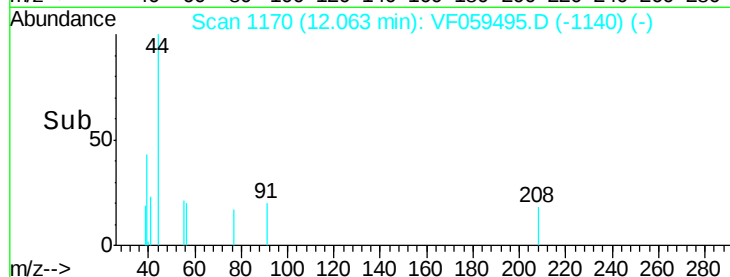


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 5.833 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VF059495.D

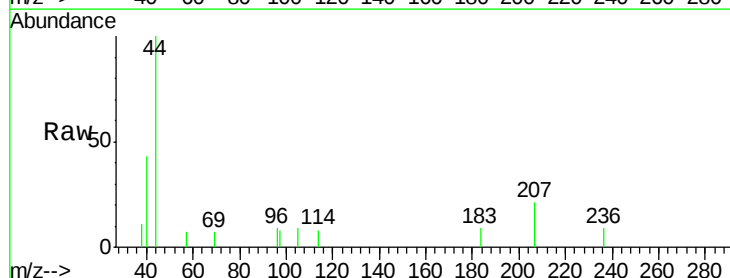
Acq: 10 Jul 2018 20:15

Tgt Ion: 105 Resp: 75

Ion Ratio Lower Upper

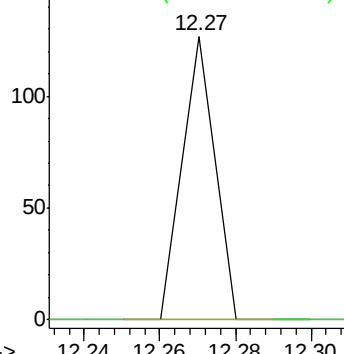
105 100

120 0.0 22.1 66.1#

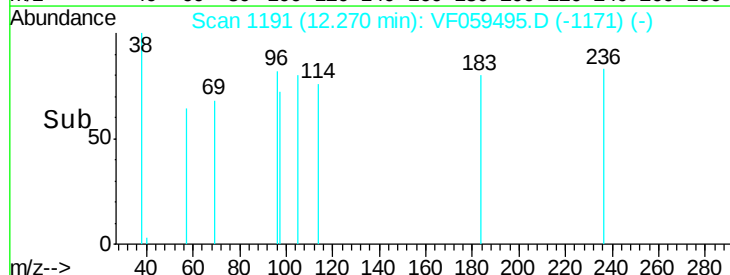


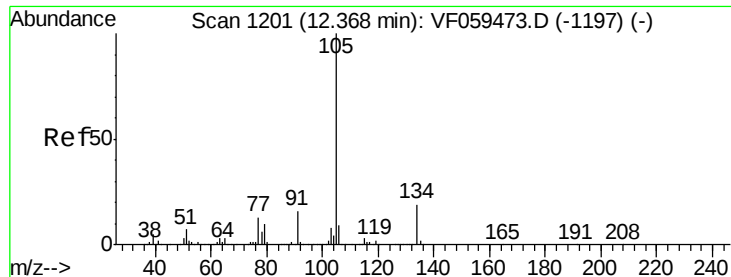
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

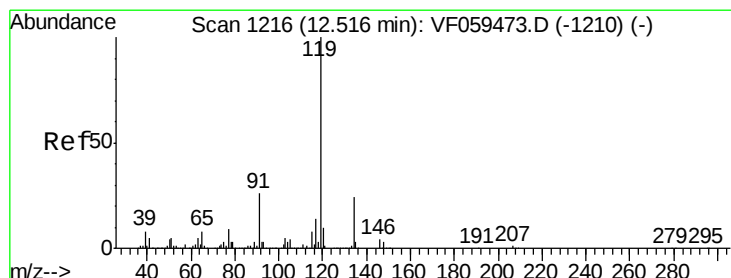
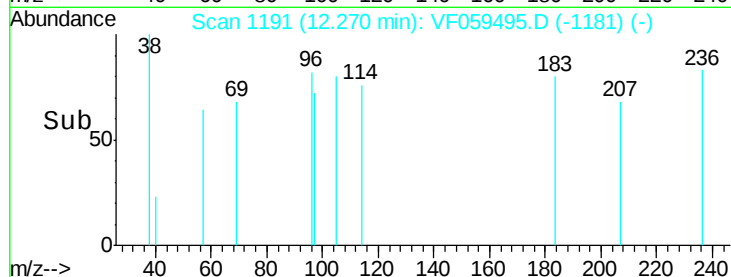
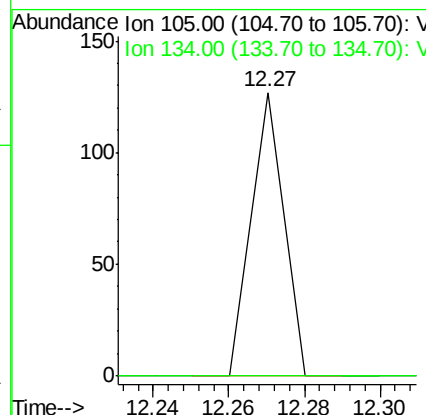
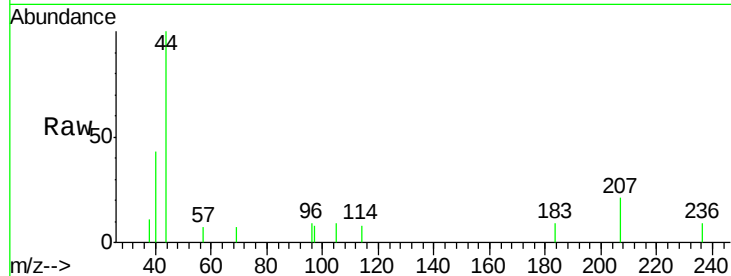




#85
 sec-Butylbenzene
 Concen: 4.673 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.10 min
 Lab File: VF059495.D
 Acq: 10 Jul 2018 20:15

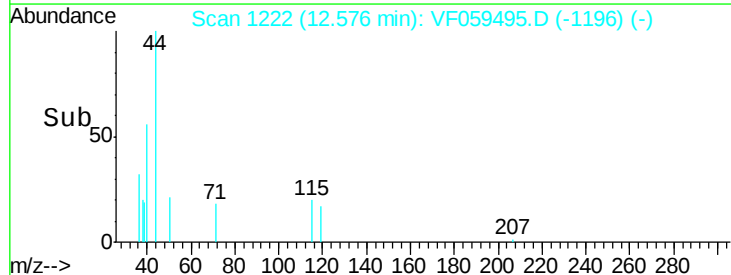
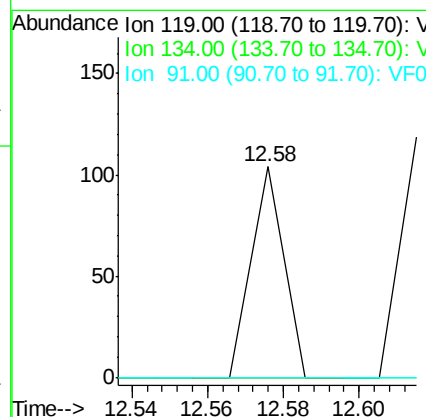
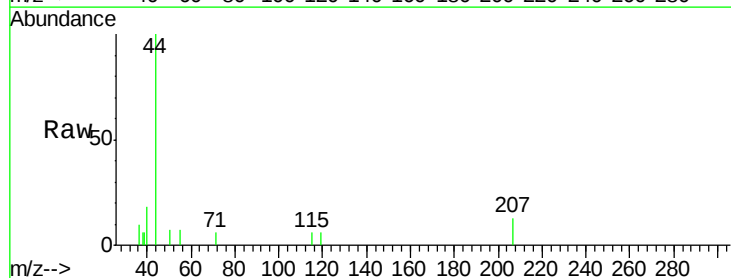
Instrument :
 MSVOA_F
 ClientSampled :

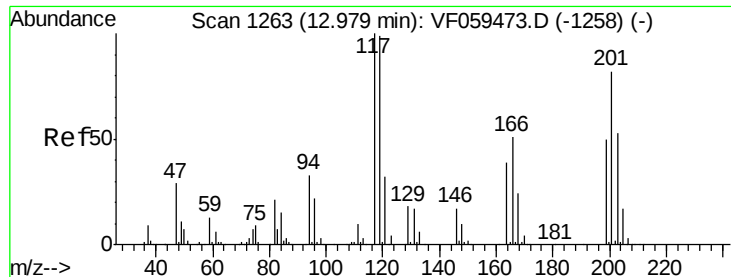
Tot Ion:105 Resp: 75
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 4.444 ug/l
 RT: 12.58 min Scan# 1222
 Delta R.T. 0.06 min
 Lab File: VF059495.D
 Acq: 10 Jul 2018 20:15

Tgt Ion:119 Resp: 61
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.2 36.4#
 91 0.0 13.1 39.3#





#90

Hexachloroethane

Concen: 17.104 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.02 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

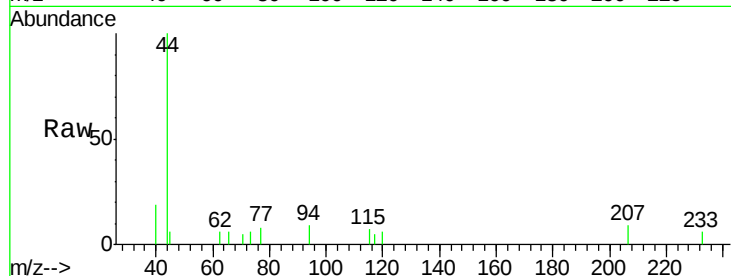
ClientSampleId :

Tot Ion:117 Resp: 61

Ion Ratio Lower Upper

117 100

201 0.0 40.6 121.8#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

13.00

100

80

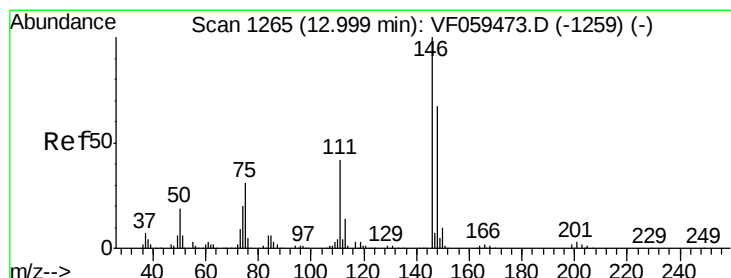
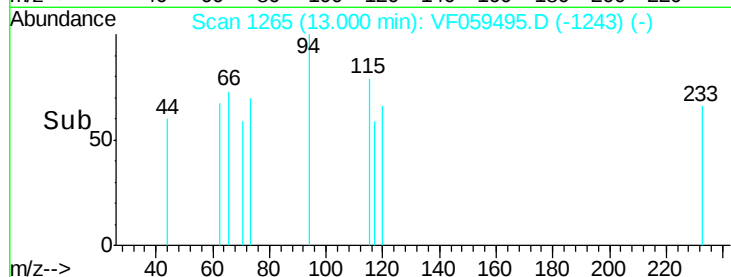
60

40

20

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 15.756 ug/l

RT: 12.94 min Scan# 1259

Delta R.T. -0.06 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

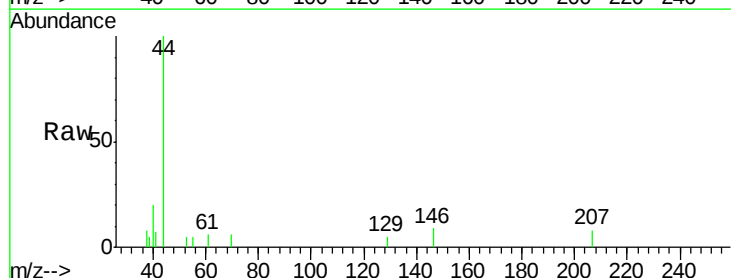
Tgt Ion:146 Resp: 113

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 33.3 99.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

12.94

200

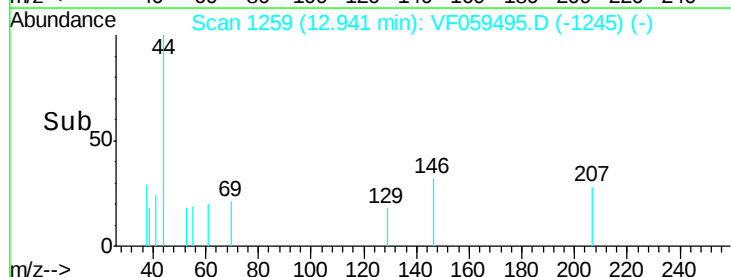
150

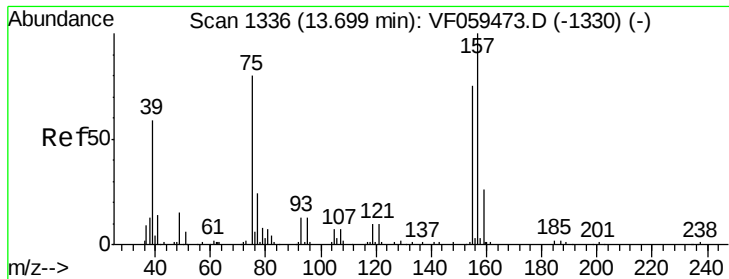
100

50

0

Time-->

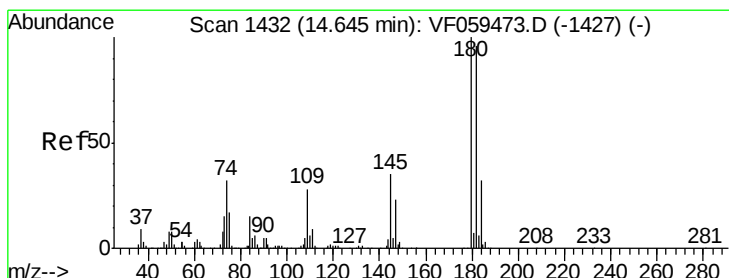
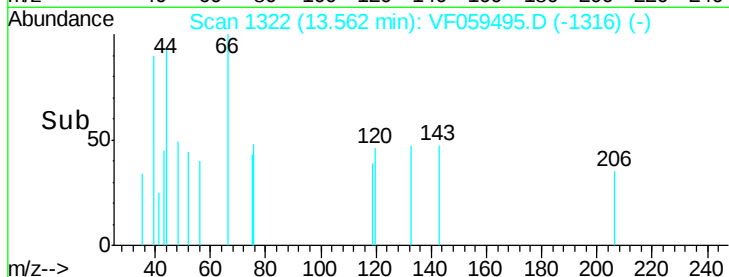
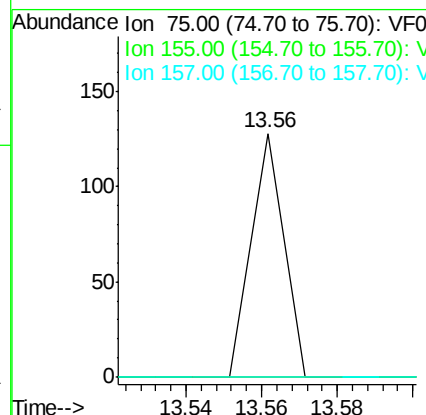
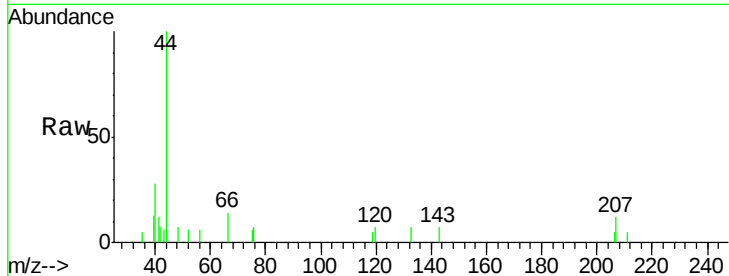




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.778 ug/l
 RT: 13.56 min Scan# 1322
 Delta R.T. -0.14 min
 Lab File: VF059495.D
 Acq: 10 Jul 2018 20:15

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion: 75 Resp: 76
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.3 141.8#
 157 0.0 62.6 187.8#



#96
 1,2,3-Trichlorobenzene
 Concen: 11.803 ug/l
 RT: 14.66 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VF059495.D
 Acq: 10 Jul 2018 20:15

Tgt Ion: 180 Resp: 61
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 0.0 17.5 52.5#

