

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059275.D
 Acq On : 21 Jun 2018 22:18
 Operator : VA/AP
 Sample : J3570-02RE
 Misc : 5.11g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1BRE

Quant Time: Jun 22 07:07:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	61	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.97	114	84	50.00	ug/l	0.21
63) Chlorobenzene-d5	10.29	117	63	50.00	ug/l	0.38
72) 1,4-Dichlorobenzene-d4	12.75	152	82	50.00	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	60	68.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.04%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.92	98	61	33.93	ug/l	0.21
Spiked Amount	50.000		Recovery	=	67.86%	
62) 4-Bromofluorobenzene	11.75	95	138	138.44	ug/l	0.24
Spiked Amount	50.000		Recovery	=	276.88%	

Target Compounds						Qvalue
3) Chloromethane	1.10	50	123	274.93	ug/l #	40
6) Chloroethane	1.48	64	67	309.62	ug/l #	38
8) Diethyl Ether	1.68	74	65	332.44	ug/l	55
9) 1,1,2-Trichlorotrifluoroet	1.90	101	64	132.03	ug/l #	19
11) Tert butyl alcohol	2.69	59	59	1156.34	ug/l #	70
12) 1,1-Dichloroethene	1.87	96	106	245.19	ug/l #	1
13) Acrolein	2.10	56	303	7816.03	ug/l #	10
14) Allyl chloride	2.19	41	60	75.19	ug/l #	84
15) Acrylonitrile	3.15	53	67	608.26	ug/l #	10
16) Acetone	2.33	43	65	314.09	ug/l #	64
17) Carbon Disulfide	1.94	76	76	72.37	ug/l #	72
18) Methyl Acetate	2.38	43	203	520.28	ug/l #	66
19) Methyl tert-butyl Ether	2.54	73	86	59.30	ug/l #	62
20) Methylene Chloride	2.41	84	77	189.72	ug/l #	42
21) trans-1,2-Dichloroethene	2.50	96	63	139.59	ug/l #	1
22) Diisopropyl ether	2.91	45	62	37.45	ug/l #	36
23) Vinyl Acetate	3.33	43	180	169.97	ug/l #	80
25) 2-Butanone	4.51	43	93	336.89	ug/l #	58
26) 2,2-Dichloropropane	3.77	77	135	180.47	ug/l #	64
27) cis-1,2-Dichloroethene	3.61	96	76	110.84	ug/l	1
28) Bromochloromethane	3.84	49	71	191.89	ug/l #	8
29) Tetrahydrofuran	4.18	42	180	1452.21	ug/l #	37
31) Cyclohexane	3.78	56	143	193.54	ug/l #	18
36) 1,1-Dichloropropene	4.57	75	187	211.84	ug/l #	49
37) Ethyl Acetate	4.48	43	105	186.15	ug/l #	11
40) Benzene	5.00	78	67	35.77	ug/l #	1
41) Methacrylonitrile	5.12	41	80	296.89	ug/l #	31
42) 1,2-Dichloroethane	5.23	62	66	61.17	ug/l	84
43) Isopropyl Acetate	7.34	43	73	105.62	ug/l #	47
45) 1,2-Dichloropropane	6.75	63	77	140.91	ug/l #	43
48) Methyl methacrylate	7.11	41	196	447.94	ug/l #	1
49) 1,4-Dioxane	7.20	88	70	27584.45	ug/l #	17
51) 4-Methyl-2-Pentanone	8.70	43	98	198.82	ug/l #	39
53) t-1,3-Dichloropropene	8.86	75	76	73.31	ug/l #	42

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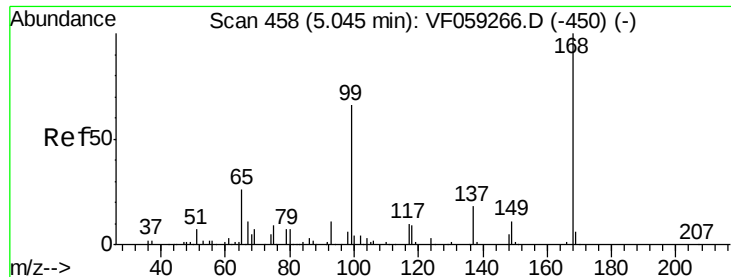
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

54) cis-1,3-Dichloropropene	7.67	75	63	57.56	ug/l #	5
55) 1,1,2-Trichloroethane	8.86	97	64	114.69	ug/l #	17
57) 1,3-Dichloropropane	9.48	76	86	93.18	ug/l #	40
58) 2-Chloroethyl Vinyl ether	8.03	63	75	1469.89	ug/l	100
59) 2-Hexanone	9.99	43	180	460.61	ug/l #	43
61) 1,2-Dibromoethane	9.54	107	63	98.00	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	9.97	131	60	107.43	ug/l #	10
67) Ethyl Benzene	10.10	91	125	54.93	ug/l #	45
68) m/p-Xylenes	10.30	106	65	79.46	ug/l #	1
70) Styrene	10.97	104	70	51.39	ug/l #	29
73) Isopropylbenzene	11.27	105	76	13.45	ug/l #	49
74) N-amyl acetate	11.45	43	254	137.72	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.75	83	59	44.52	ug/l #	25
76) 1,2,3-Trichloropropane	11.95	75	68	70.07	ug/l #	40
79) 2-Chlorotoluene	11.85	91	138	34.44	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.95	75	68	109.42	ug/l #	12
82) 4-Chlorotoluene	11.85	91	138	32.06	ug/l #	40
84) 1,2,4-Trimethylbenzene	12.41	105	64	12.72	ug/l #	31
85) sec-Butylbenzene	12.41	105	64	9.92	ug/l #	58
86) p-Isopropyltoluene	12.53	119	127	23.88	ug/l #	50
87) 1,3-Dichlorobenzene	12.43	146	70	25.58	ug/l #	25
89) n-Butylbenzene	12.85	91	60	11.08	ug/l #	28
90) Hexachloroethane	13.00	117	85	63.93	ug/l #	10
91) 1,2-Dichlorobenzene	12.99	146	101	37.22	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.79	75	77	269.04	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.26	180	127	64.07	ug/l #	11
95) Naphthalene	14.54	128	138	33.90	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.67	180	67	35.92	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

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Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

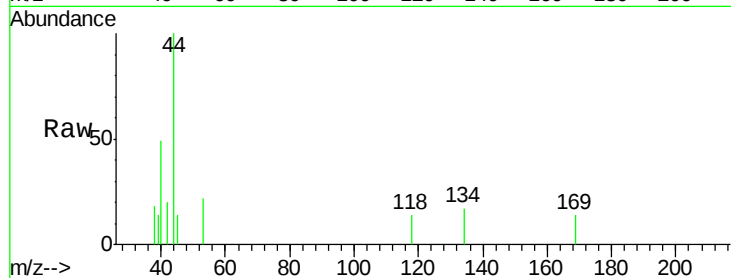
20180372-COMPOSITE-CS-1BRE

Tot Ion:168 Resp: 61

Ion Ratio Lower Upper

168 100

99 0.0 52.6 78.8#

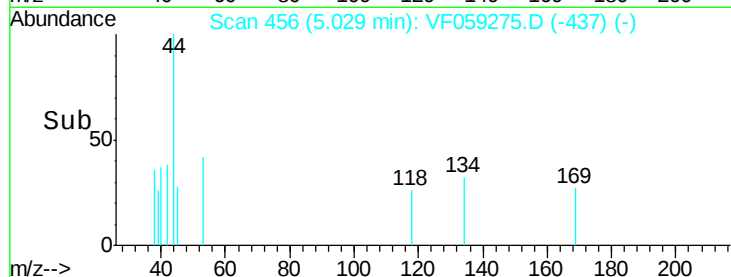


Abundance Ion 168.00 (167.70 to 168.70): VF0

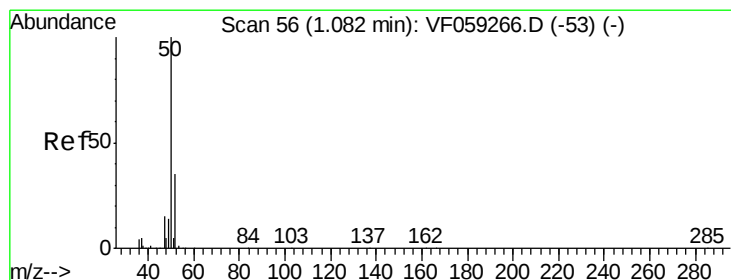
Ion 99.00 (98.70 to 99.70): VF0

5.03

Time-->



Time-->



#3

Chloromethane

Concen: 274.93 ug/l

RT: 1.10 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF059275.D

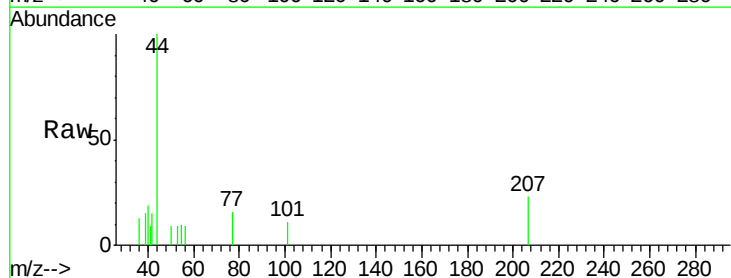
Acq: 21 Jun 2018 22:18

Tgt Ion: 50 Resp: 123

Ion Ratio Lower Upper

50 100

52 0.0 27.7 41.5#

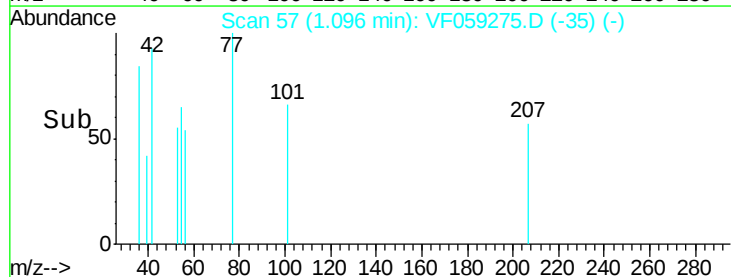


Abundance Ion 50.00 (49.70 to 50.70): VF0

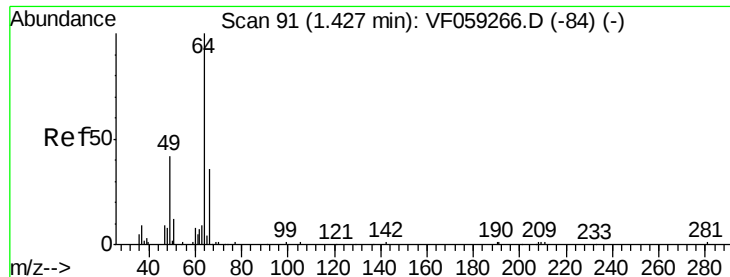
Ion 52.00 (51.70 to 52.70): VF0

1.10

Time-->



Time-->



#6

Chloroethane

Concen: 309.62 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.05 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

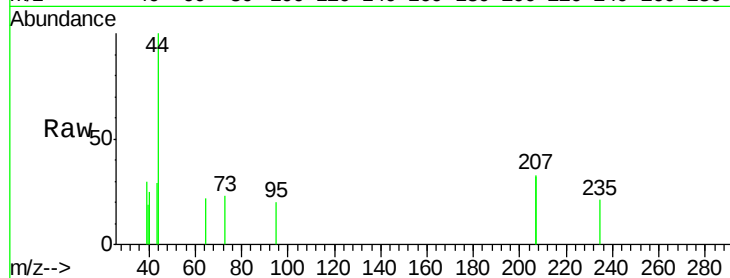
20180372-COMPOSITE-CS-1BRE

Tot Ion: 64 Resp: 67

Ion Ratio Lower Upper

64 100

66 0.0 29.4 44.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.48

100

80

60

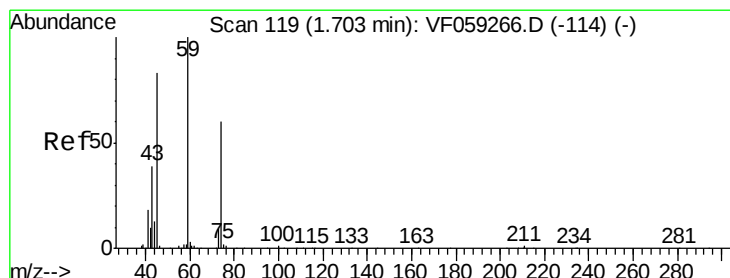
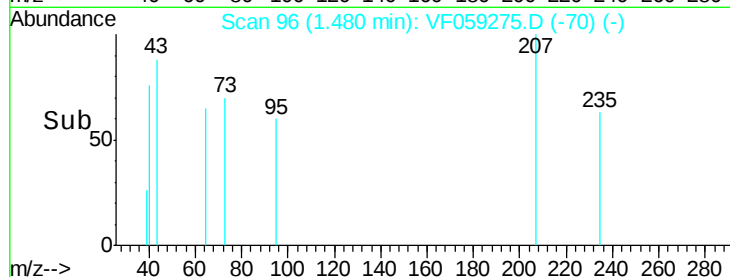
40

20

0

1.46 1.48 1.50

Time-->



#8

Diethyl Ether

Concen: 332.44 ug/l

RT: 1.68 min Scan# 116

Delta R.T. -0.03 min

Lab File: VF059275.D

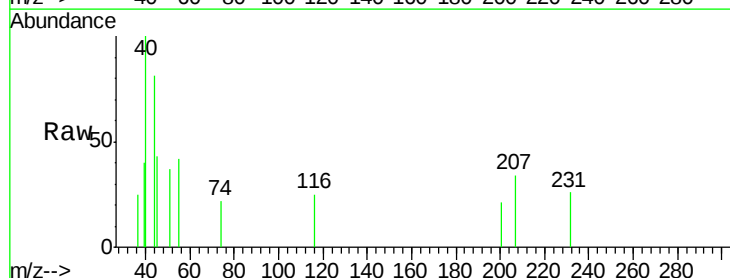
Acq: 21 Jun 2018 22:18

Tgt Ion: 74 Resp: 65

Ion Ratio Lower Upper

74 100

45 192.7 69.2 207.4



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

250

200

150

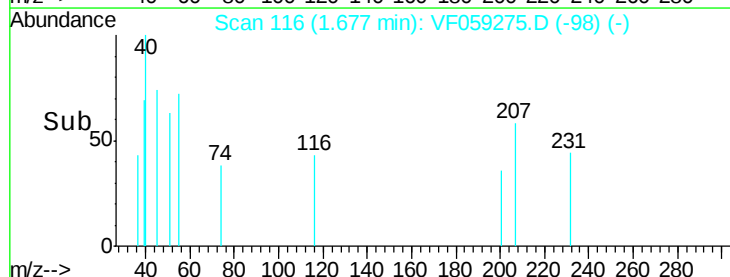
100

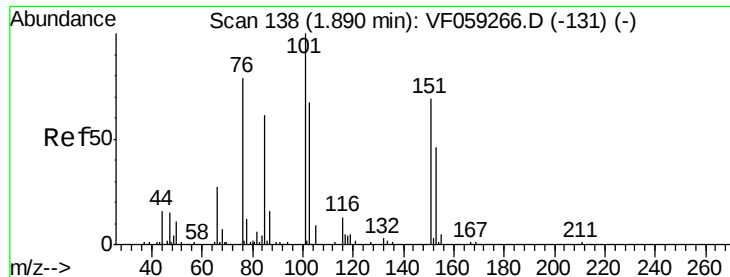
50

0

1.64 1.66 1.68 1.70

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 132.03 ug/l

RT: 1.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

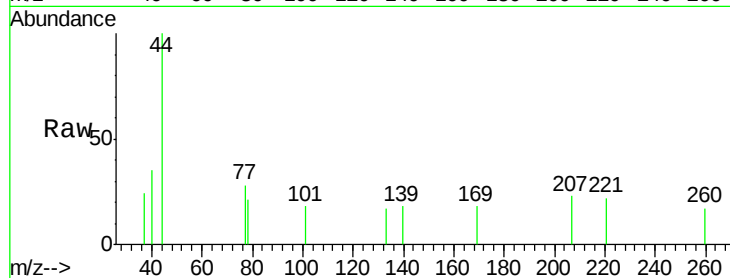
Tot Ion:101 Resp: 64

Ion Ratio Lower Upper

101 100

85 0.0 47.2 70.8#

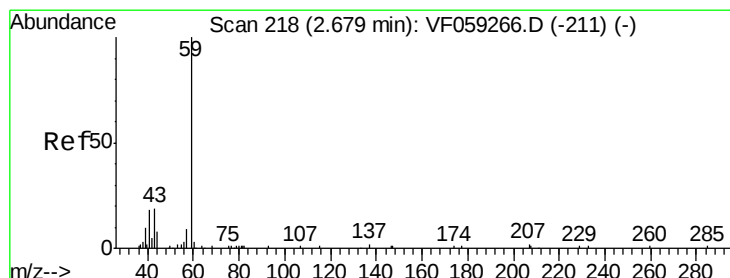
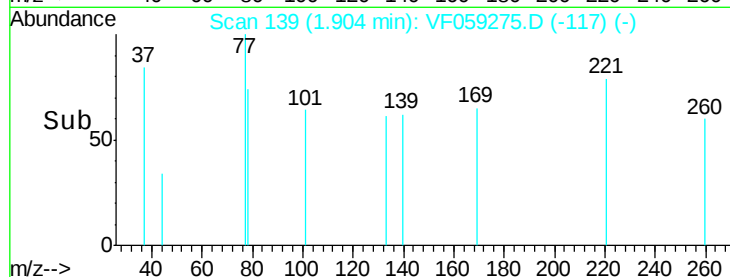
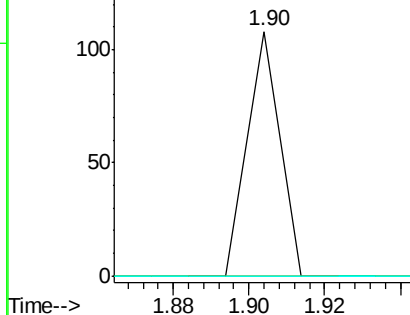
151 0.0 53.3 79.9#



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



#11

Tert butyl alcohol

Concen: 1156.34 ug/l

RT: 2.69 min Scan# 219

Delta R.T. 0.01 min

Lab File: VF059275.D

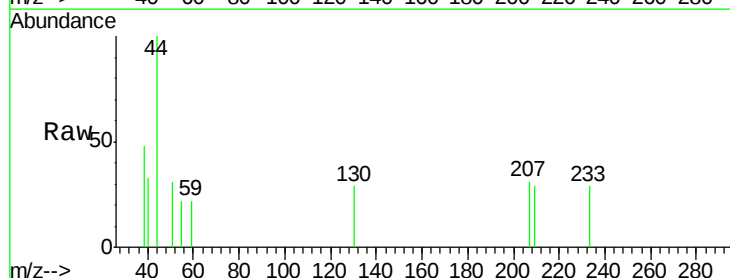
Acq: 21 Jun 2018 22:18

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

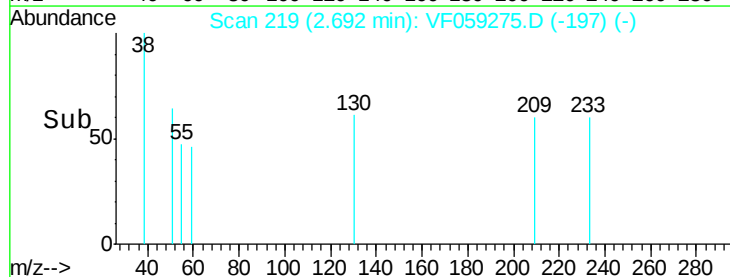
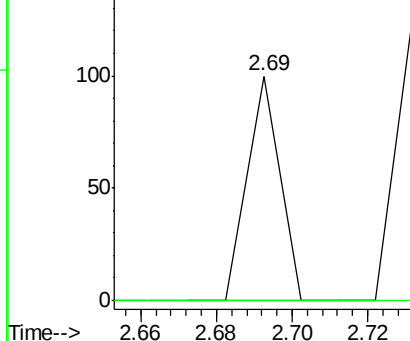
59 100

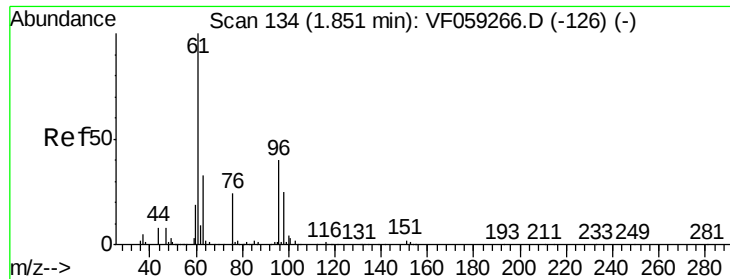
57 0.0 9.2 13.8#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 245.19 ug/l

RT: 1.87 min Scan# 136

Delta R.T. 0.02 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

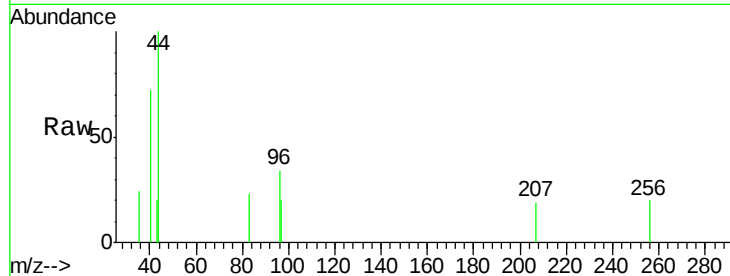
Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

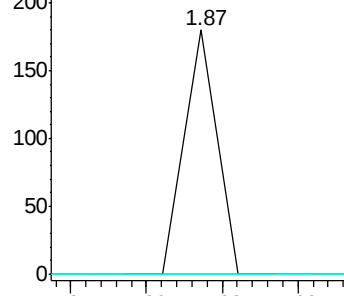
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	201.4	302.2#
98	0.0	50.0	75.0#



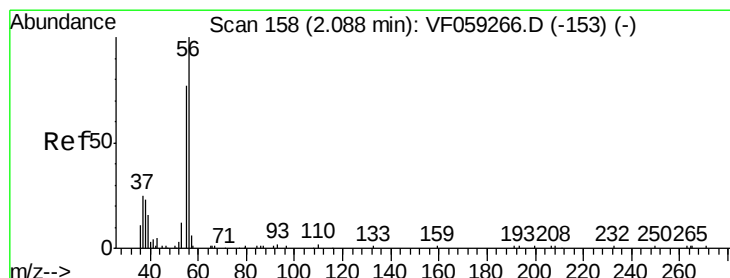
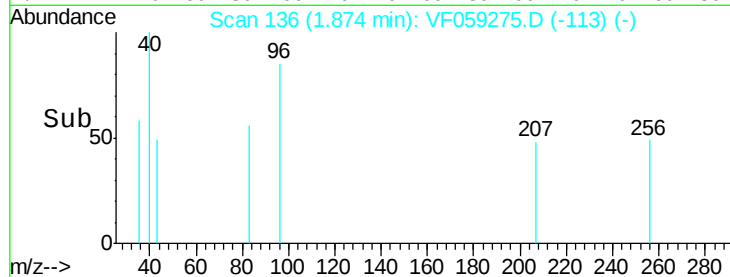
Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#13

Acrolein

Concen: 7816.03 ug/l

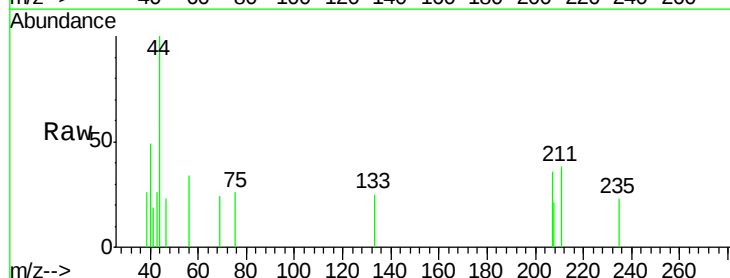
RT: 2.10 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF059275.D

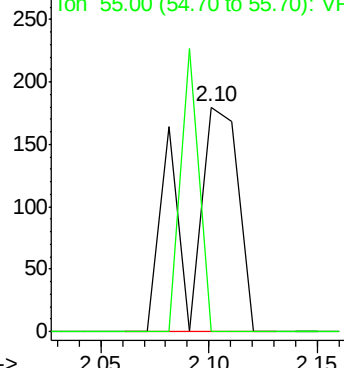
Acq: 21 Jun 2018 22:18

Tgt Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.0	94.6#

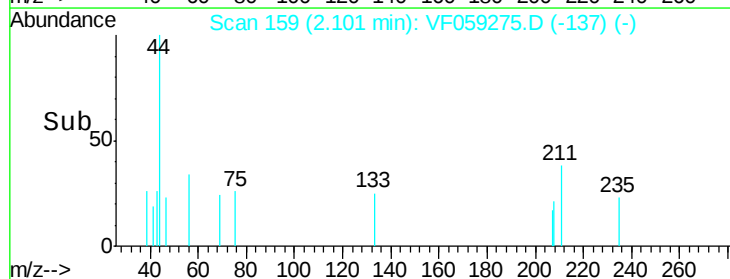


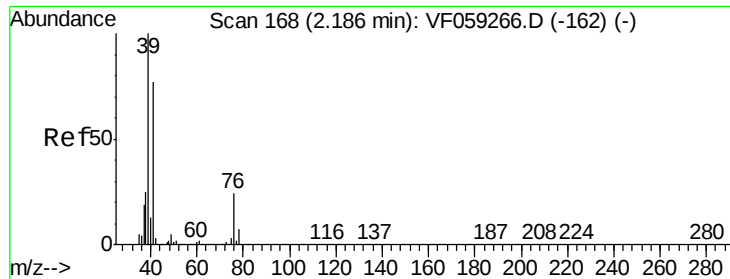
Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



Time-->

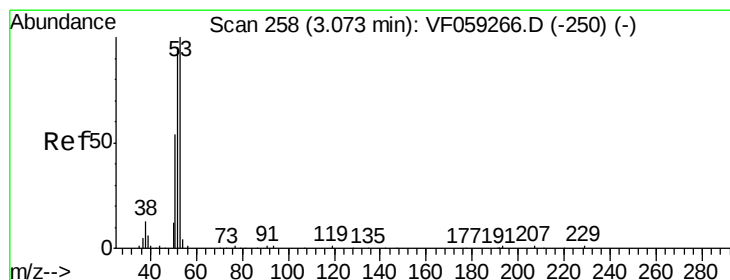
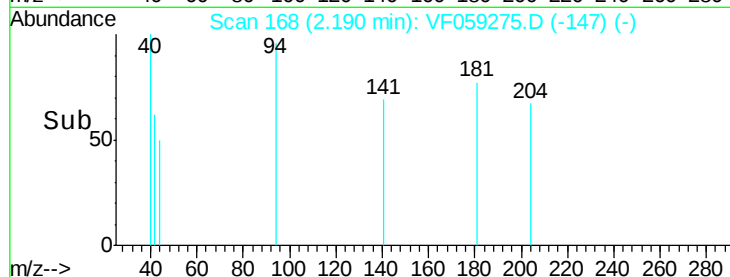
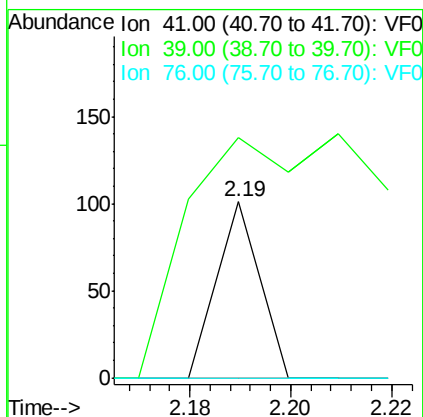
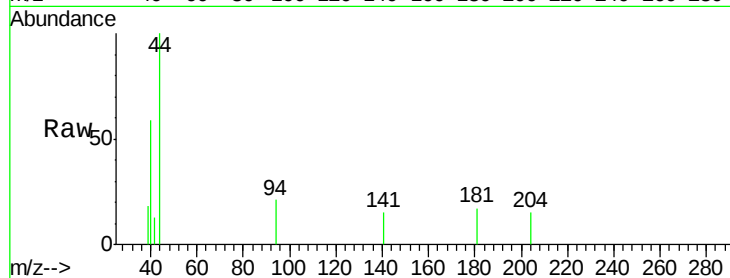




#14
Allvl chloride
Concen: 75.19 ug/l
RT: 2.19 min Scan# 168
Delta R.T. 0.00 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

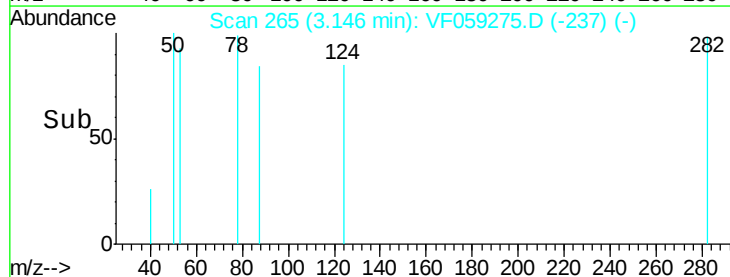
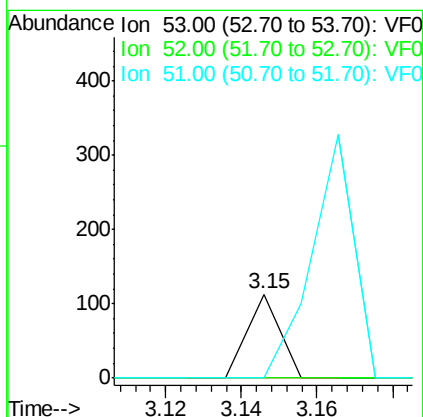
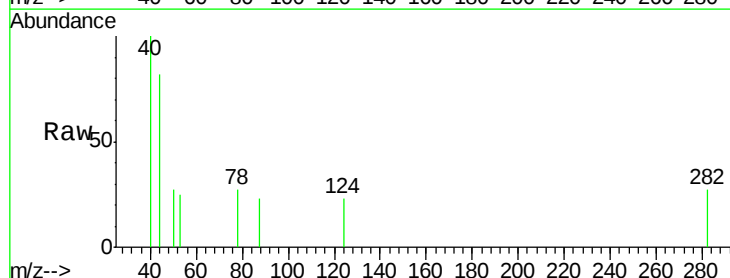
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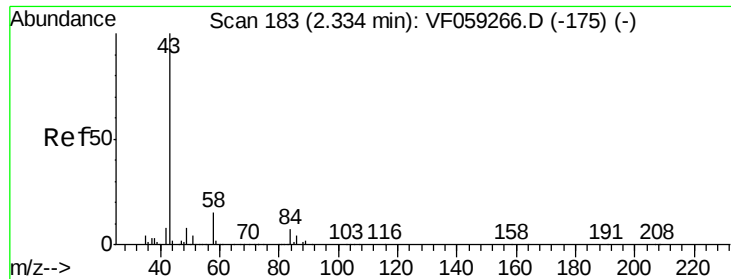
Tot Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
39 136.6 103.8 155.6
76 0.0 25.0 37.6#



#15
Acrylonitrile
Concen: 608.26 ug/l
RT: 3.15 min Scan# 265
Delta R.T. 0.07 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion: 53 Resp: 67
Ion Ratio Lower Upper
53 100
52 0.0 75.7 113.5#
51 0.0 44.5 66.7#





#16

Acetone

Concen: 314.09 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

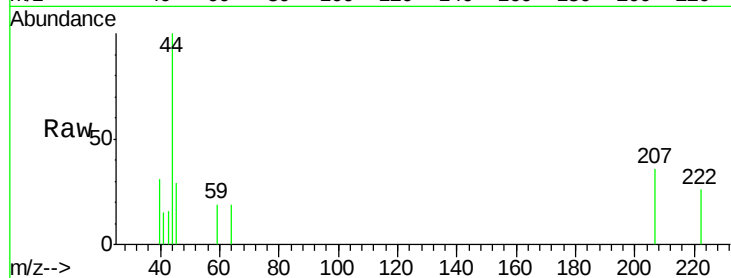
20180372-COMPOSITE-CS-1BRE

Tot Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

58 0.0 12.1 18.1#

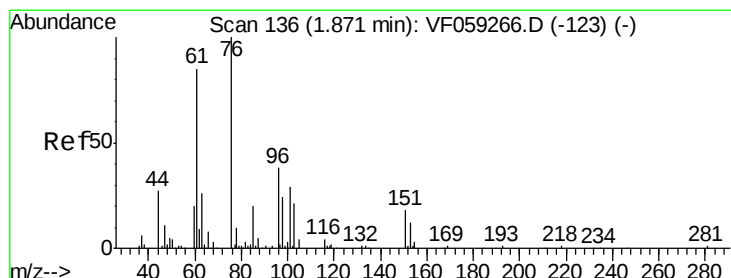
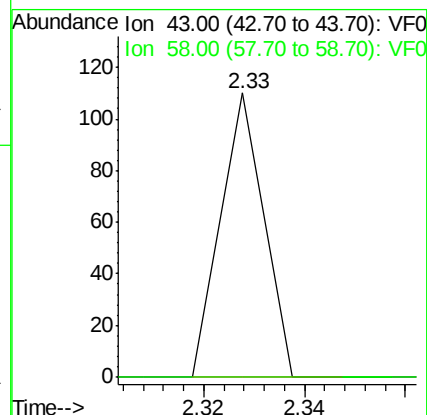
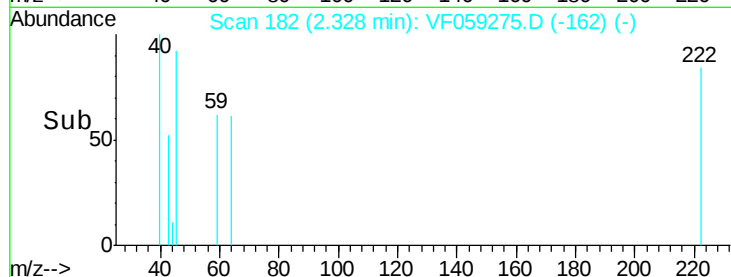


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

2.34



#17

Carbon Disulfide

Concen: 72.37 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.07 min

Lab File: VF059275.D

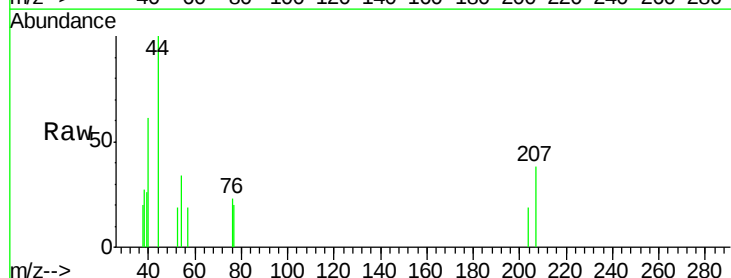
Acq: 21 Jun 2018 22:18

Tgt Ion: 76 Resp: 76

Ion Ratio Lower Upper

76 100

78 0.0 8.6 12.8#

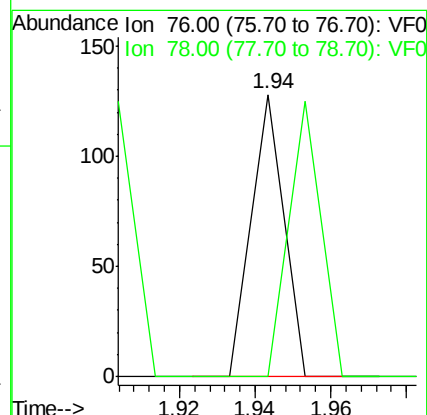
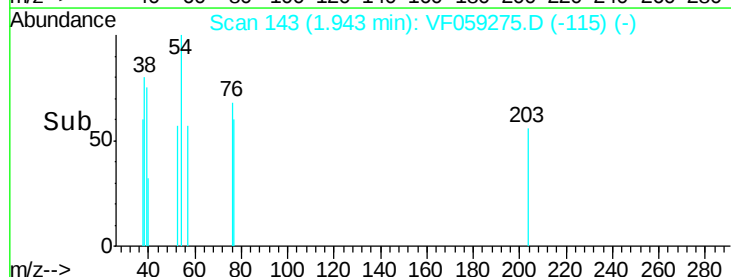


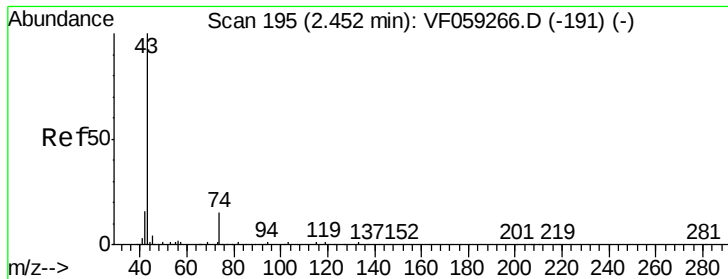
Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

1.94

1.96

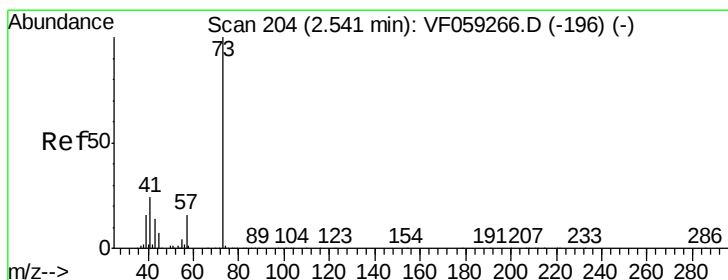
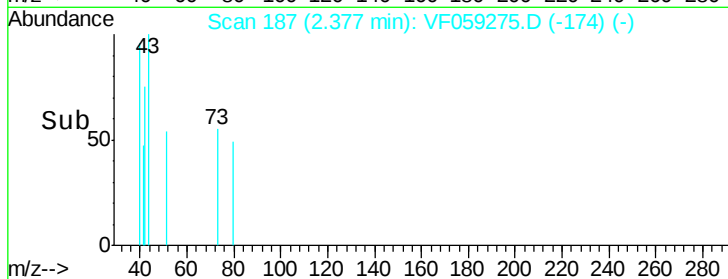
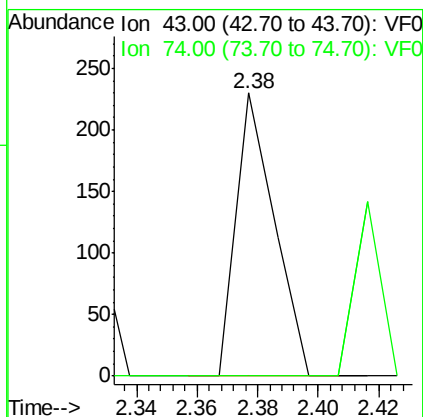
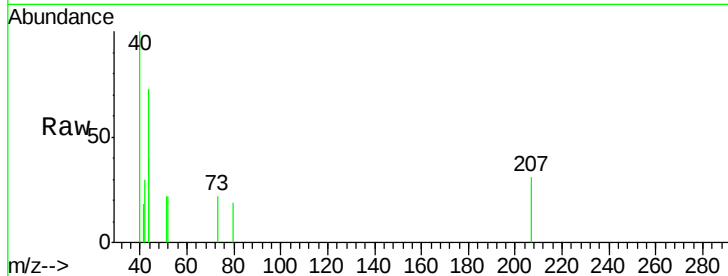




#18
Methyl Acetate
Concen: 520.28 ug/l
RT: 2.38 min Scan# 187
Delta R.T. -0.08 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

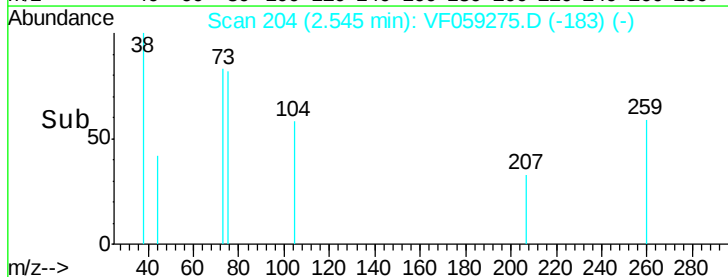
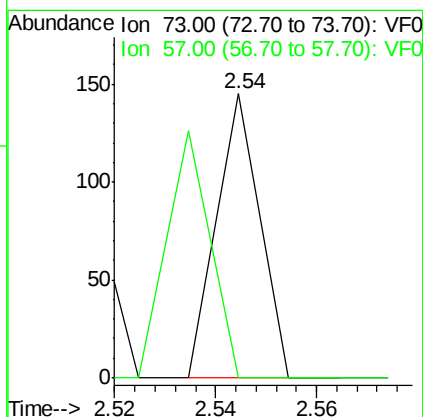
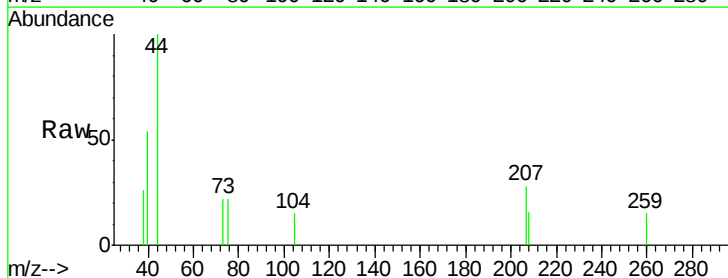
Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

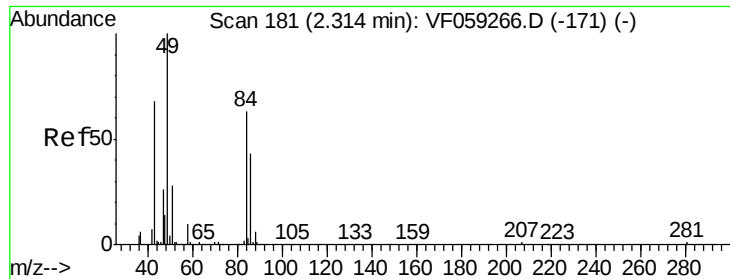
Tot Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.4#



#19
Methyl tert-butyl Ether
Concen: 59.30 ug/l
RT: 2.54 min Scan# 204
Delta R.T. 0.00 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion: 73 Resp: 86
Ion Ratio Lower Upper
73 100
57 0.0 13.0 19.4#

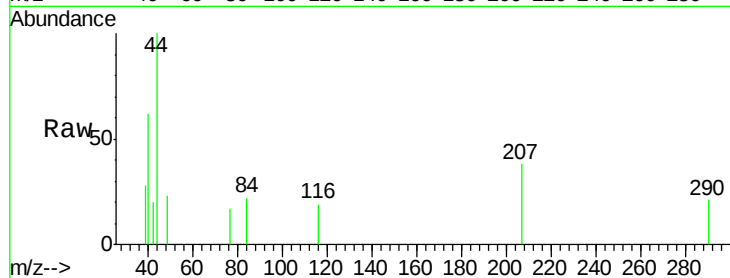




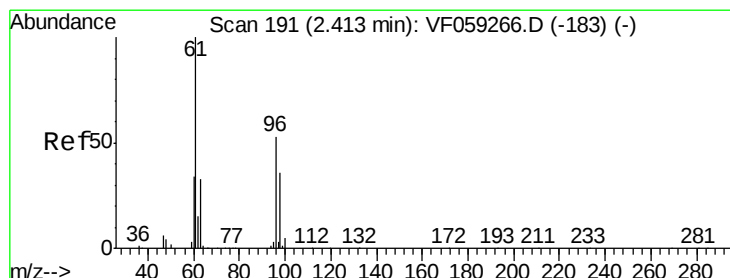
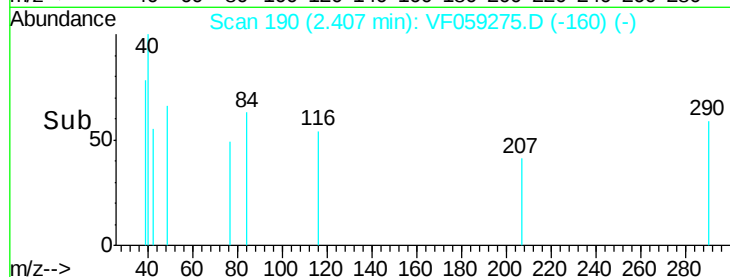
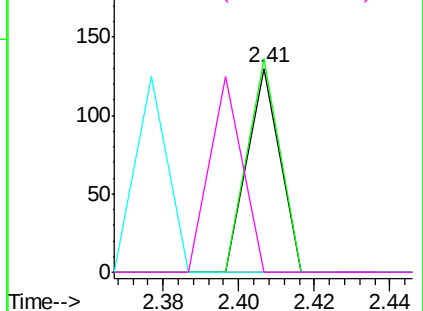
#20
Methvlene Chloride
Concen: 189.72 ug/l
RT: 2.41 min Scan# 190
Delta R.T. 0.09 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

Tot Ion:	84	Resp:	77
Ion	Ratio	Lower	Upper
84	100		
49	104.6	130.0	195.0#
51	0.0	36.6	55.0#
86	0.0	55.1	82.7#

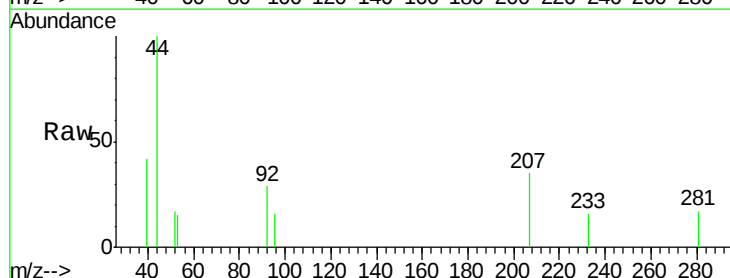


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

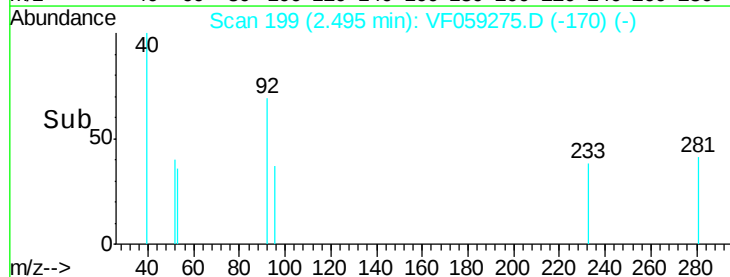
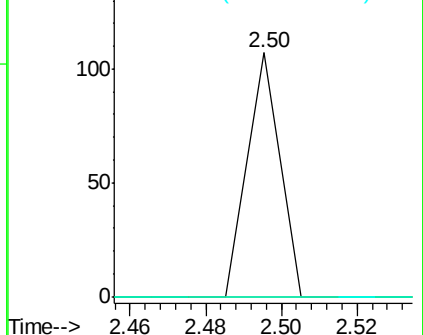


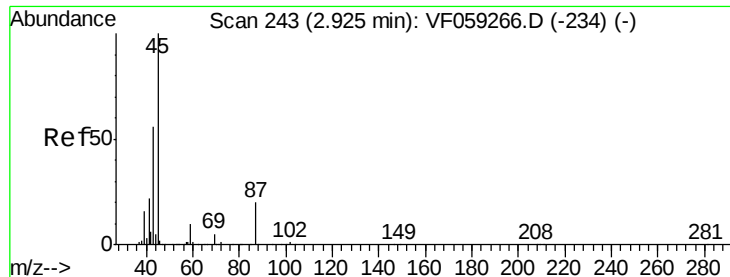
#21
trans-1,2-Dichloroethene
Concen: 139.59 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.08 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion:	96	Resp:	63
Ion	Ratio	Lower	Upper
96	100		
61	0.0	151.2	226.8#
98	0.0	54.2	81.2#



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

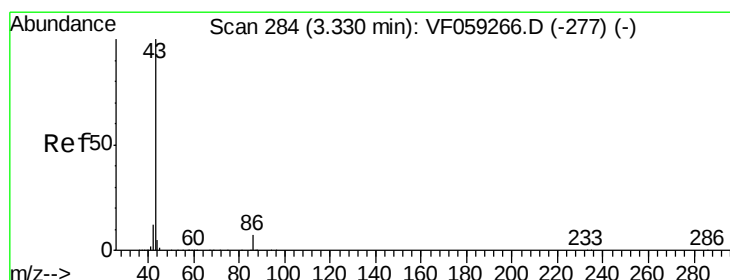
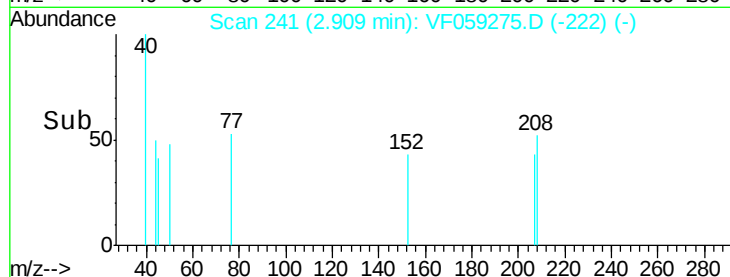
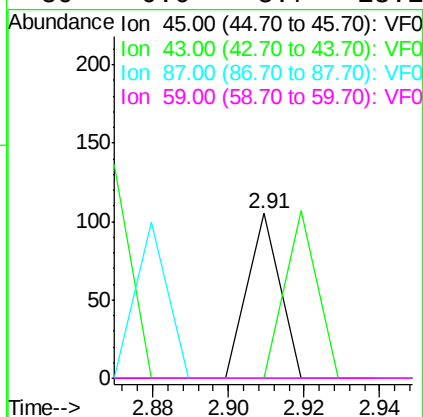
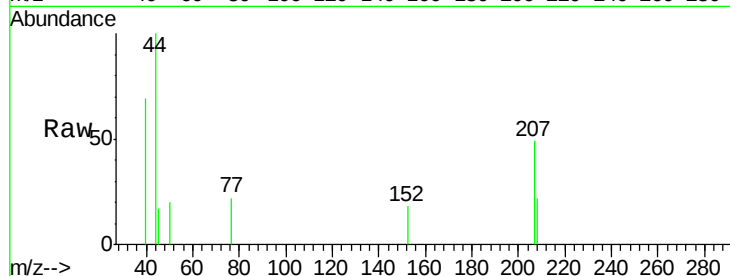




#22
Diisopropyl ether
Concen: 37.45 ug/l
RT: 2.91 min Scan# 241
Delta R.T. -0.02 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

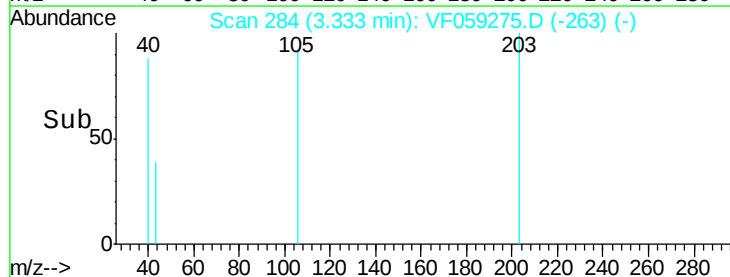
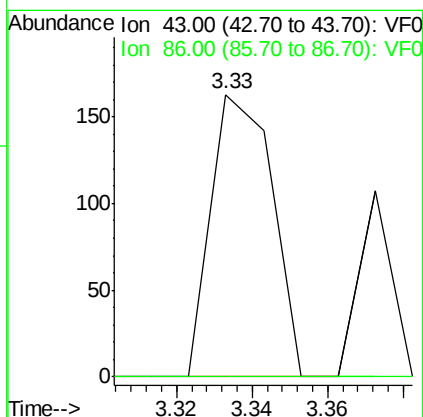
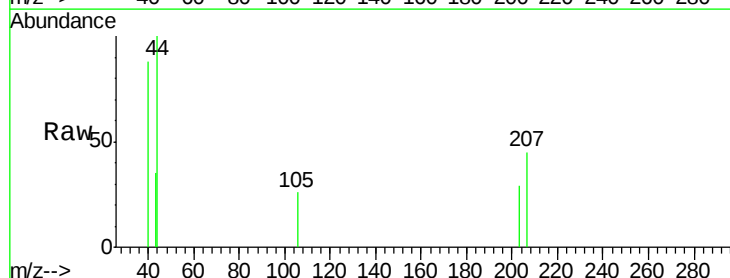
Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

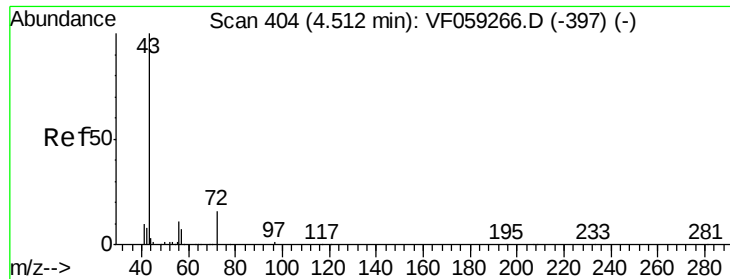
Tot Ion:	45	Resp:	62
Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.8	68.6#
87	0.0	15.7	23.5#
59	0.0	8.7	13.1#



#23
Vinyl Acetate
Concen: 169.97 ug/l
RT: 3.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion:	43	Resp:	180
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.2#

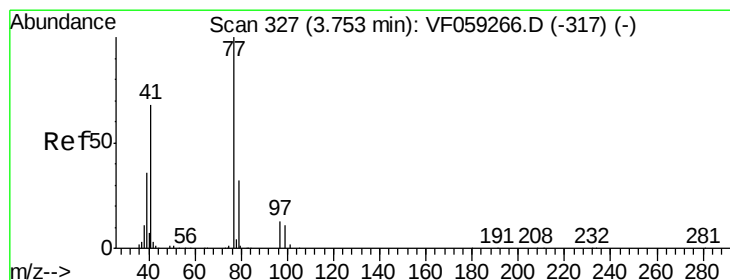
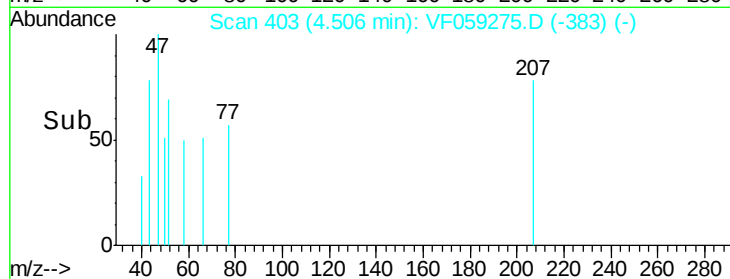
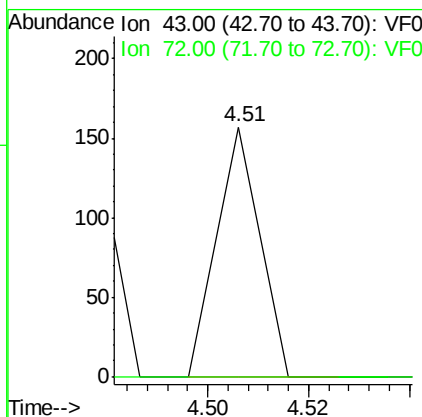
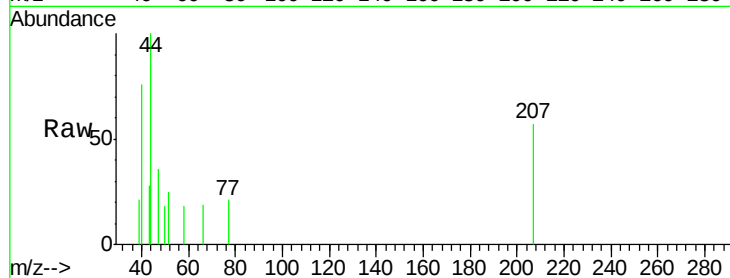




#25
2-Butanone
Concen: 336.89 ug/l
RT: 4.51 min Scan# 403
Delta R.T. -0.01 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

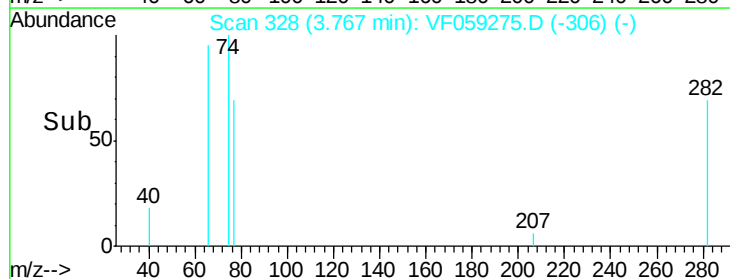
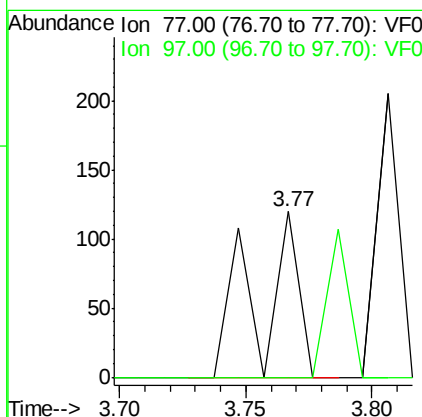
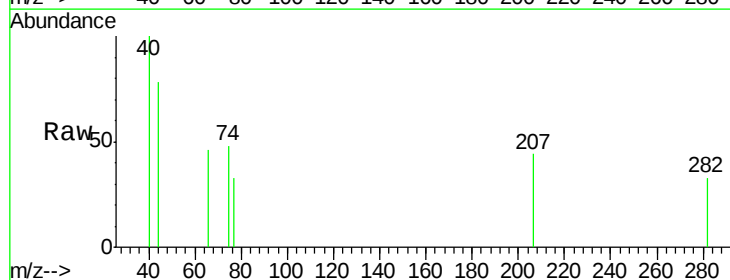
Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

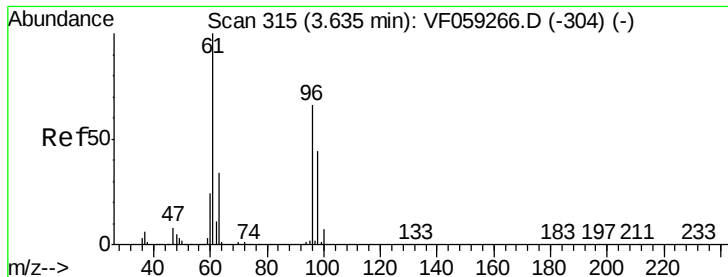
Tot Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
72 0.0 15.2 22.8#



#26
2,2-Dichloropropane
Concen: 180.47 ug/l
RT: 3.77 min Scan# 328
Delta R.T. 0.01 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion: 77 Resp: 135
Ion Ratio Lower Upper
77 100
97 0.0 7.6 22.8#



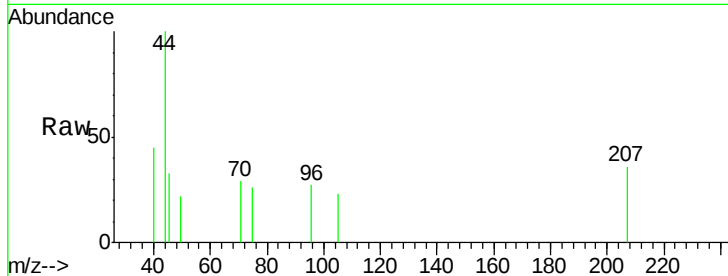


#27

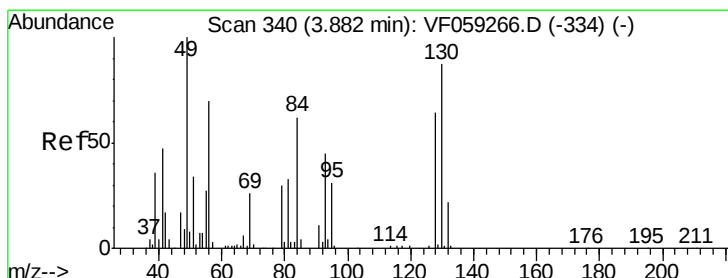
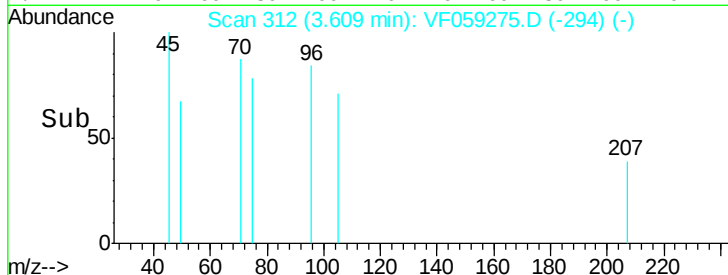
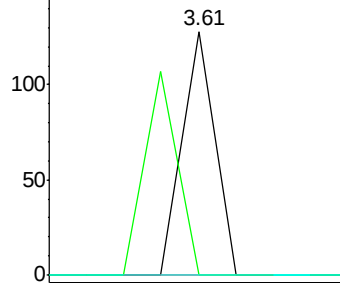
cis-1,2-Dichloroethene
Concen: 110.84 ug/l
RT: 3.61 min Scan# 312
Delta R.T. -0.03 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	305.0
98	0.0	0.0	134.0



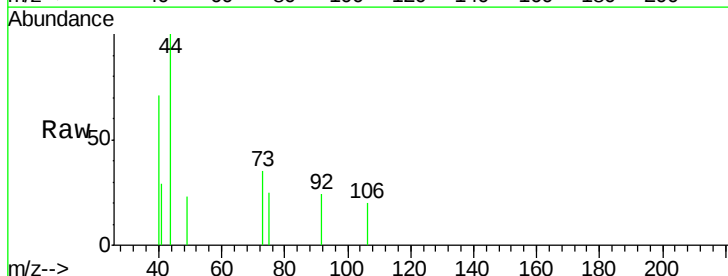
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



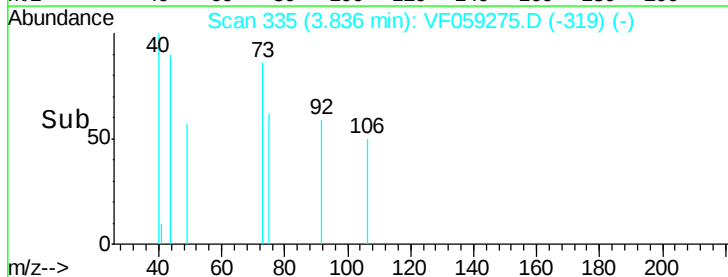
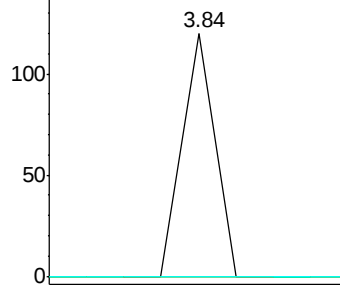
#28

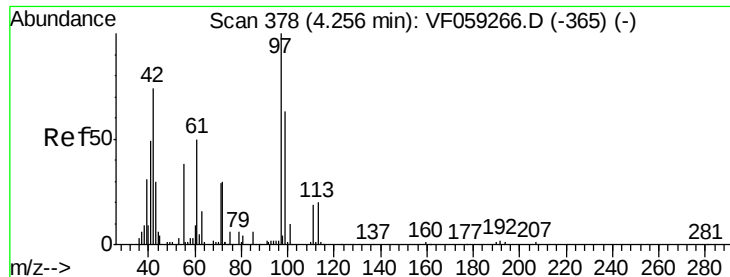
Bromochloromethane
Concen: 191.89 ug/l
RT: 3.84 min Scan# 335
Delta R.T. -0.05 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	69.4	104.2#



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: 1452.21 ug/l

RT: 4.18 min Scan# 370

Delta R.T. -0.08 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

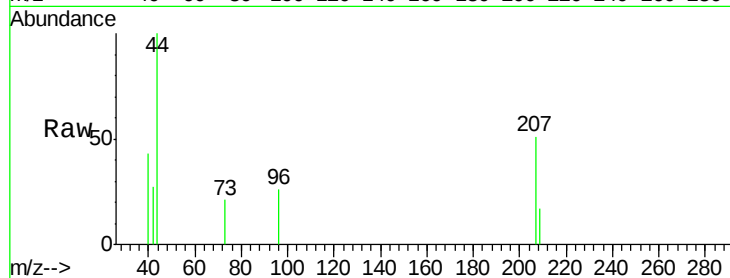
Tot Ion: 42 Resp: 180

Ion Ratio Lower Upper

42 100

72 0.0 31.2 46.8#

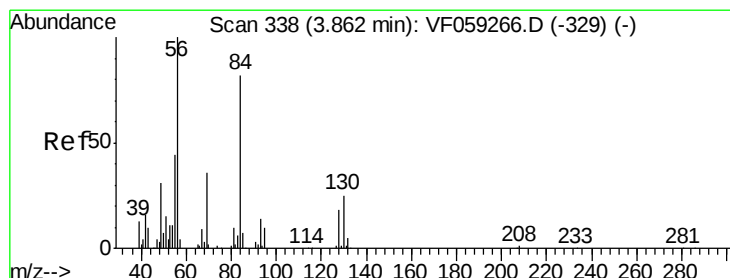
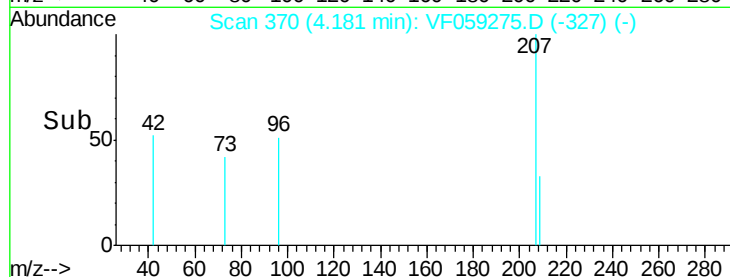
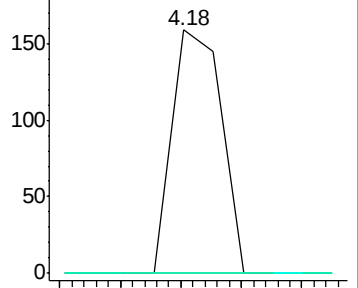
71 0.0 30.2 45.2#



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: 193.54 ug/l

RT: 3.78 min Scan# 329

Delta R.T. -0.09 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

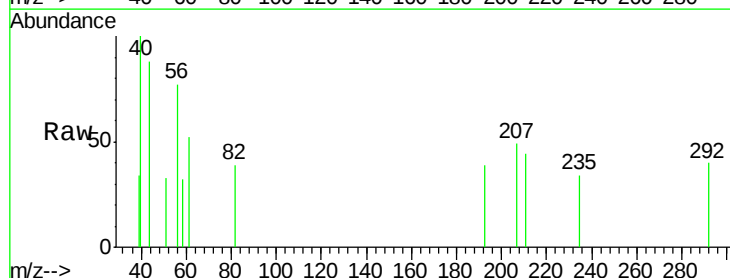
Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

69 0.0 28.6 43.0#

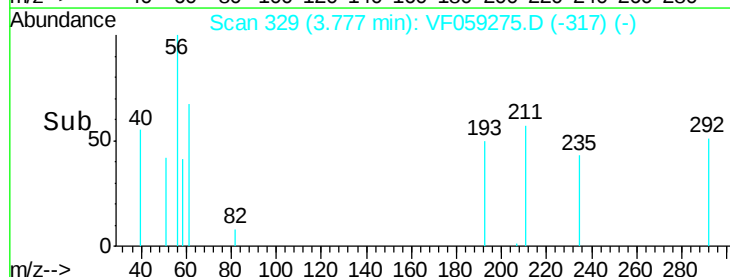
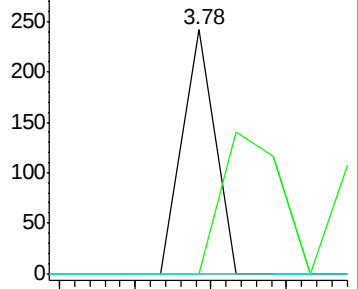
84 0.0 65.8 98.6#

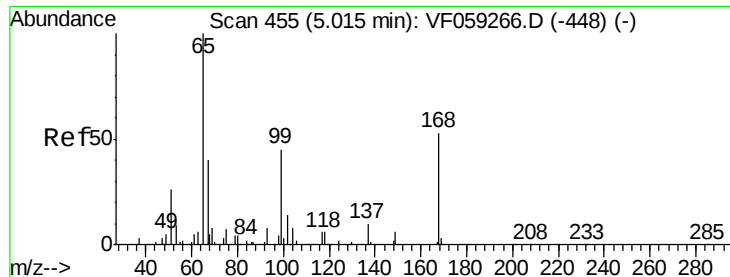


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 68.52 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

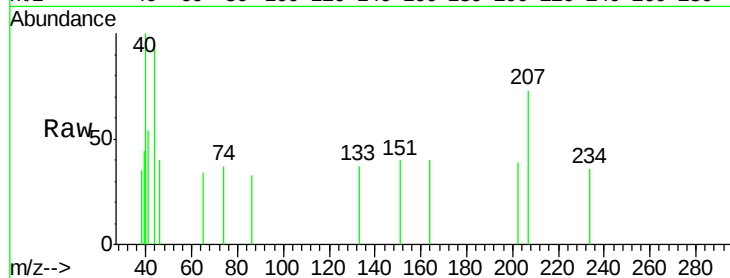
20180372-COMPOSITE-CS-1BRE

Tot Ion: 65 Resp: 60

Ion Ratio Lower Upper

65 100

67 0.0 0.0 95.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

100

80

60

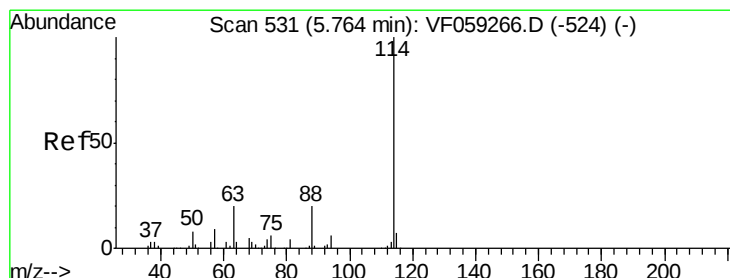
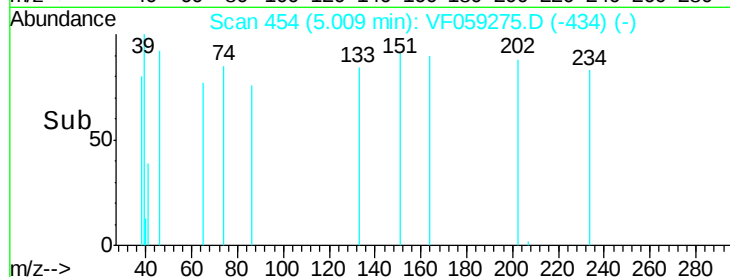
40

20

0

4.98 5.00 5.02 5.04

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.97 min Scan# 552

Delta R.T. 0.21 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

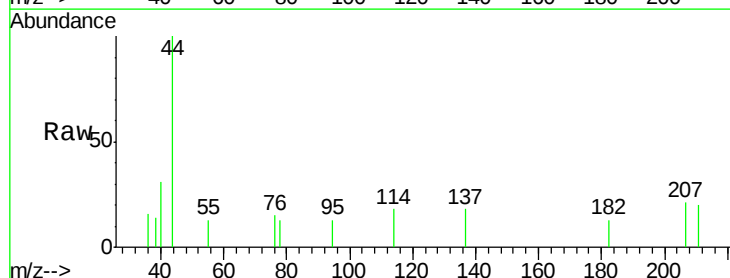
Tgt Ion: 114 Resp: 84

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.0

88 0.0 0.0 39.6



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

150

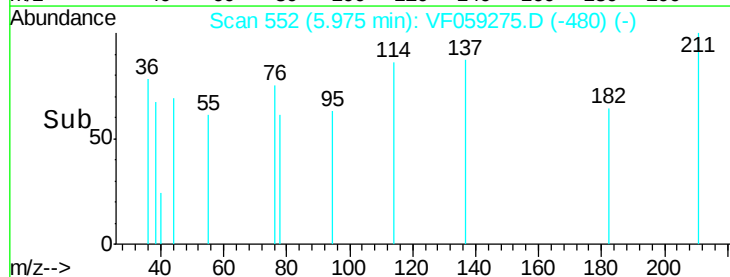
100

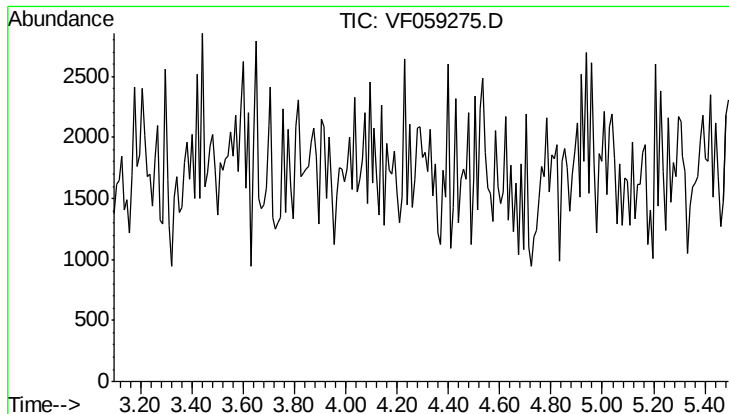
50

0

5.94 5.96 5.98 6.00

Time-->





#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.30 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

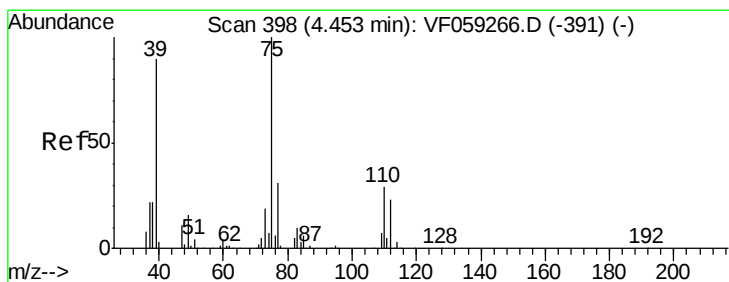
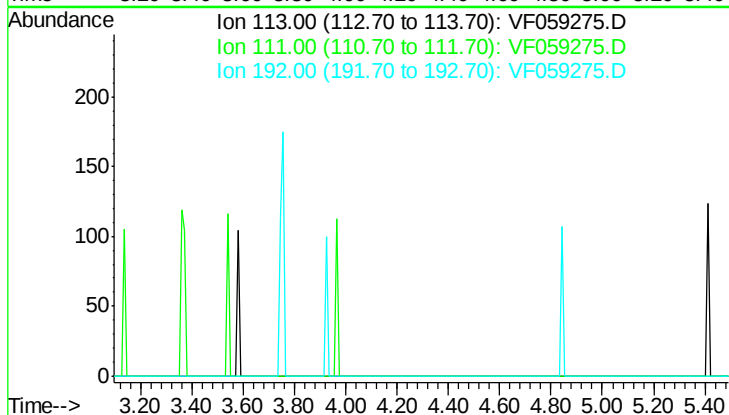
Tot Ion: 113

Sig Exp Ratio

113 100

111 91.4

192 17.4



#36

1,1-Dichloropropene

Concen: 211.84 ug/l

RT: 4.57 min Scan# 409

Delta R.T. 0.11 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

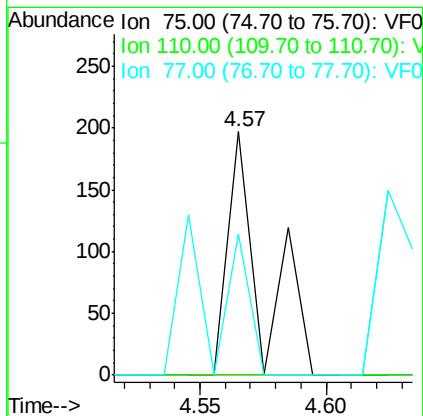
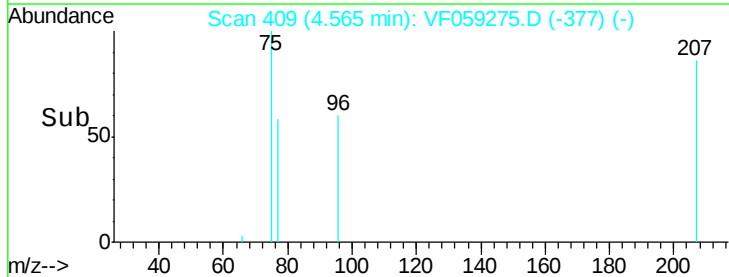
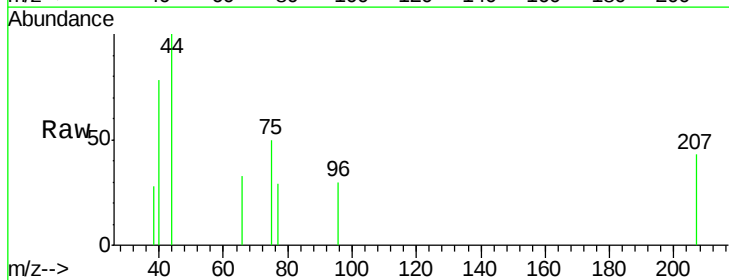
Tgt Ion: 75 Resp: 187

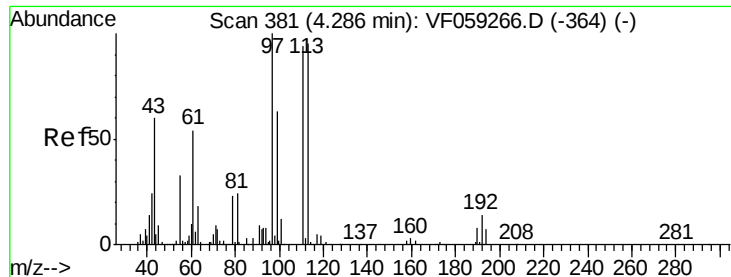
Ion Ratio Lower Upper

75 100

110 0.0 14.5 43.5#

77 57.9 25.0 37.6#

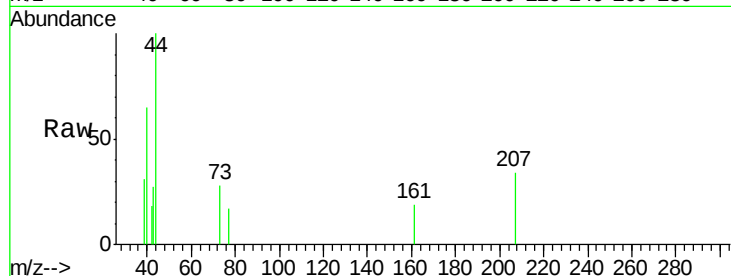




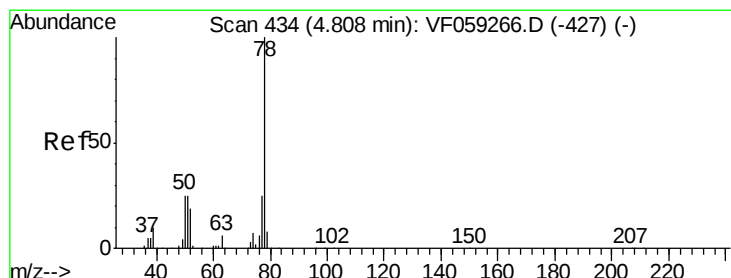
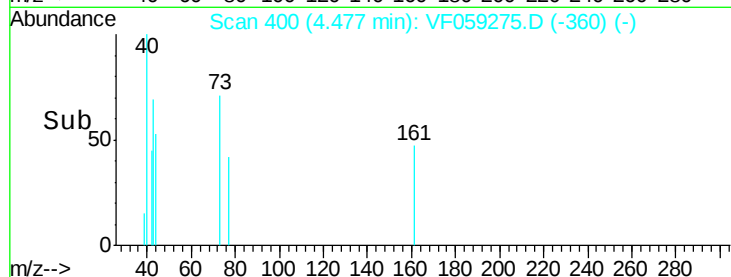
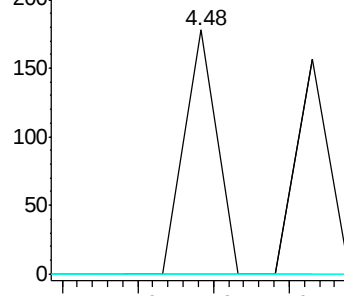
#37
Ethyl Acetate
Concen: 186.15 ug/l
RT: 4.48 min Scan# 400
Delta R.T. 0.19 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

Tot Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
61 0.0 71.6 107.4#
70 0.0 6.9 10.3#

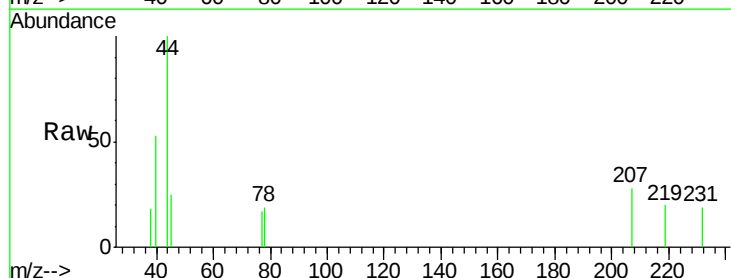


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

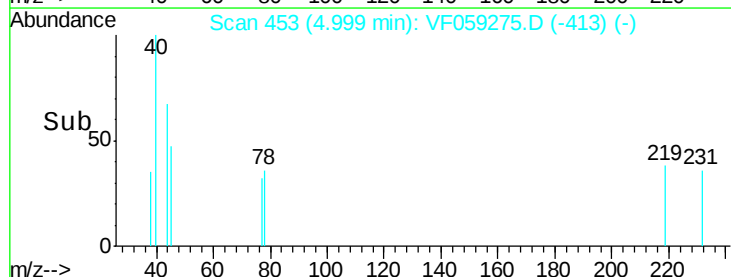
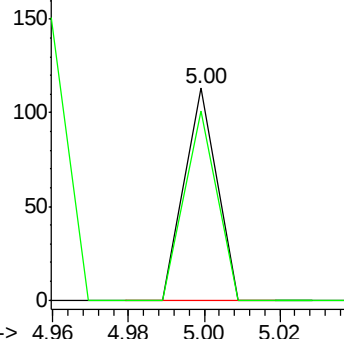


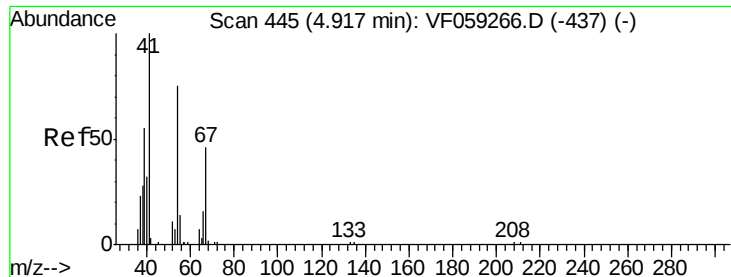
#40
Benzene
Concen: 35.77 ug/l
RT: 5.00 min Scan# 453
Delta R.T. 0.19 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion: 78 Resp: 67
Ion Ratio Lower Upper
78 100
77 89.4 20.4 30.6#



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





#41

Methacrylonitrile

Concen: 296.89 ug/l

RT: 5.12 min Scan# 465

Delta R.T. 0.20 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

Tot Ion: 41 Resp: 80

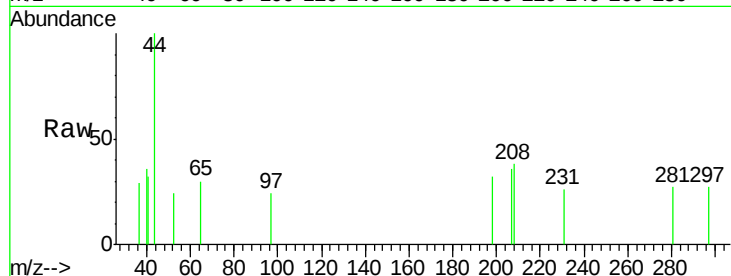
Ion Ratio Lower Upper

41 100

39 0.0 57.0 85.6#

67 0.0 36.8 55.2#

52 75.0 37.7 56.5#

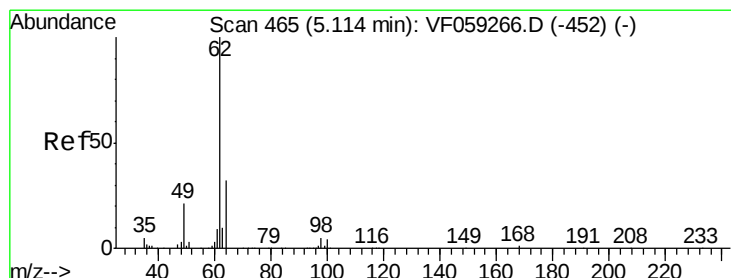
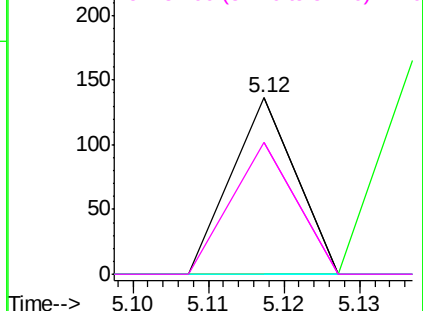
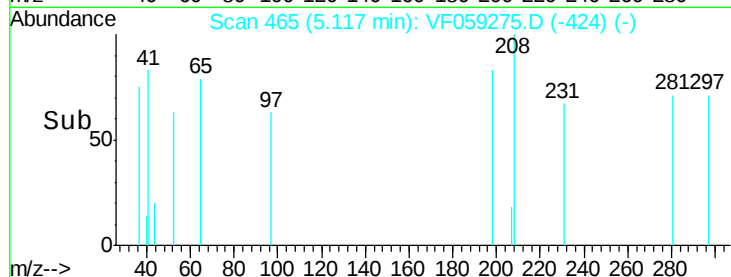


Abundance Ion 41.00 (40.70 to 41.70): VF0

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



#42

1,2-Dichloroethane

Concen: 61.17 ug/l

RT: 5.23 min Scan# 476

Delta R.T. 0.11 min

Lab File: VF059275.D

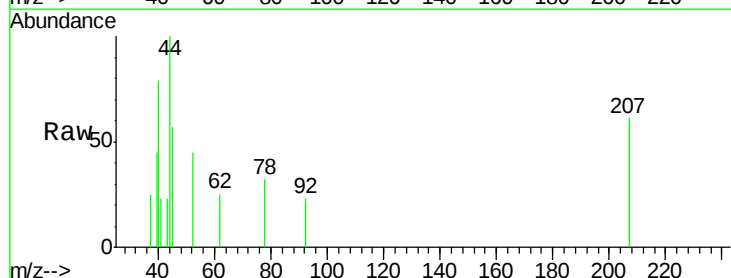
Acq: 21 Jun 2018 22:18

Tgt Ion: 62 Resp: 66

Ion Ratio Lower Upper

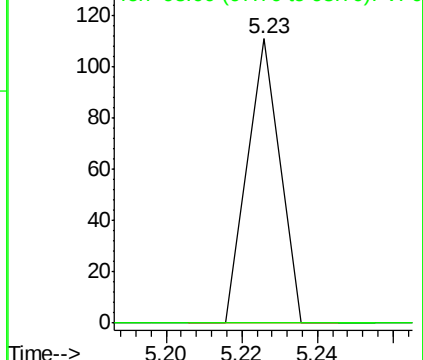
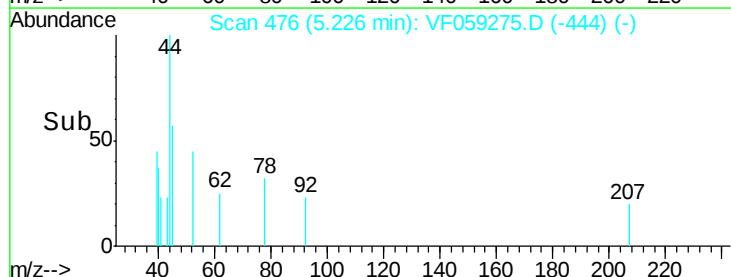
62 100

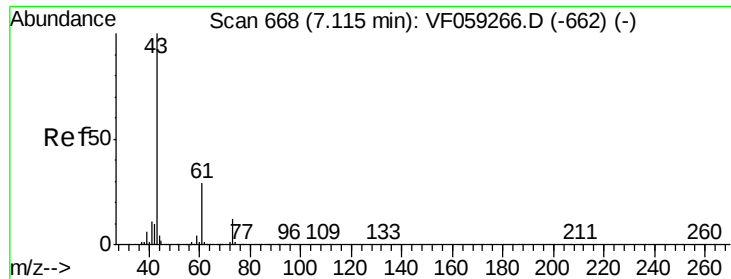
98 0.0 0.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



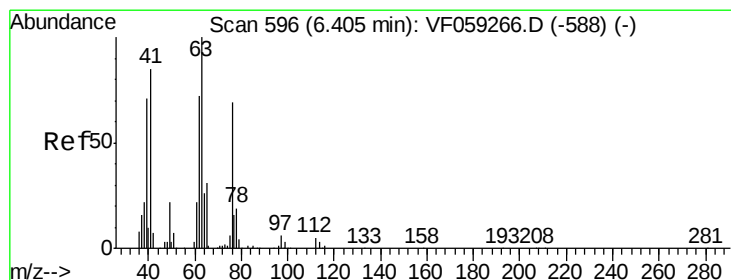
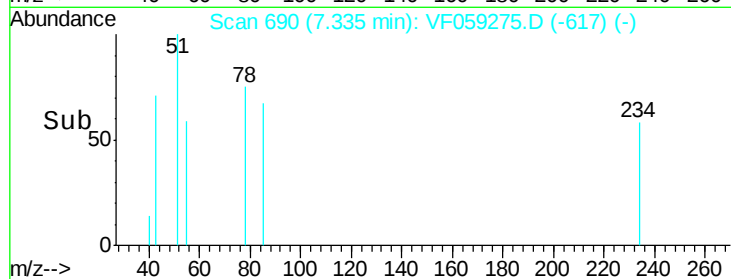
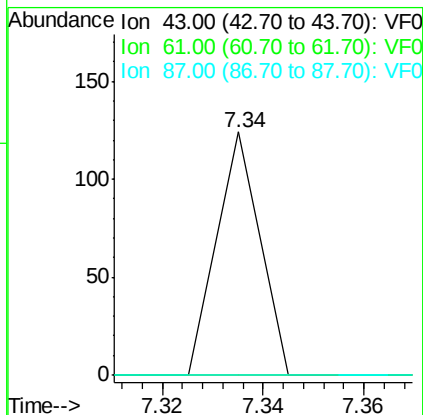
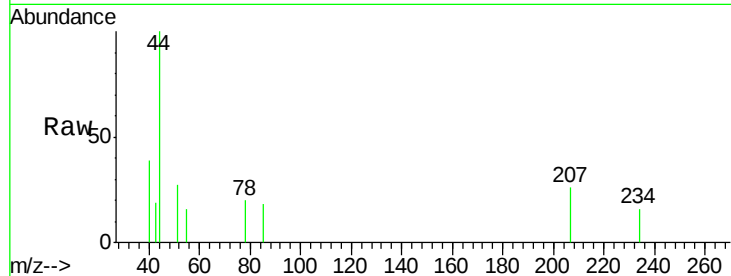


#43

Isopropyl Acetate
 Concen: 105.62 ug/l
 RT: 7.34 min Scan# 690
 Delta R.T. 0.22 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

Instrument :
 MSVOA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1BRE

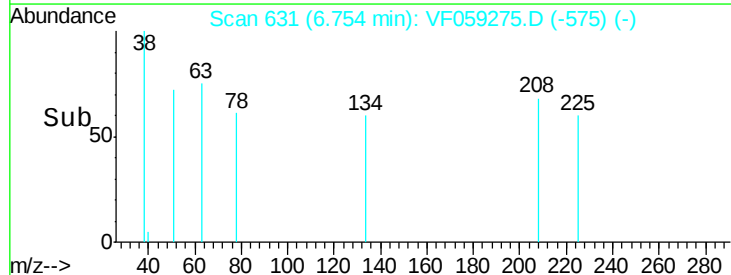
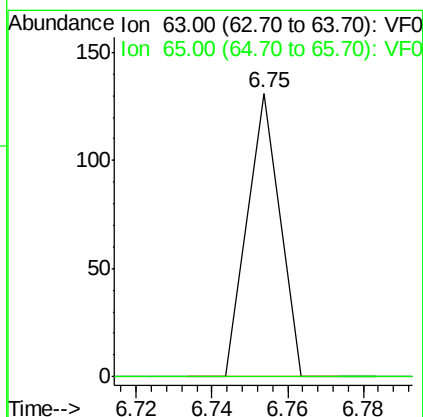
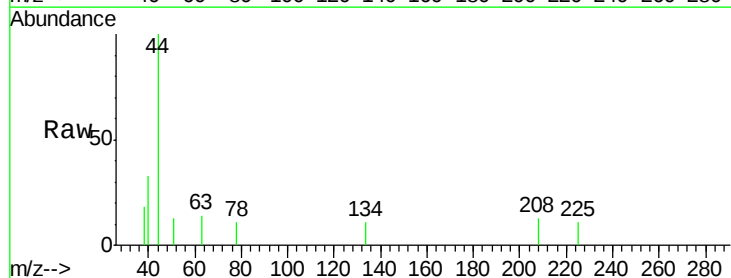
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	0.3	0.5#

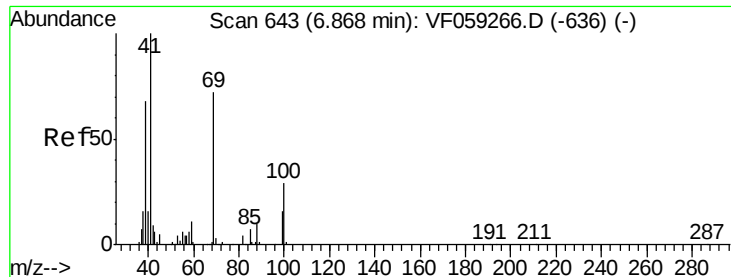


#45

1,2-Dichloropropane
 Concen: 140.91 ug/l
 RT: 6.75 min Scan# 631
 Delta R.T. 0.35 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.3	37.9#

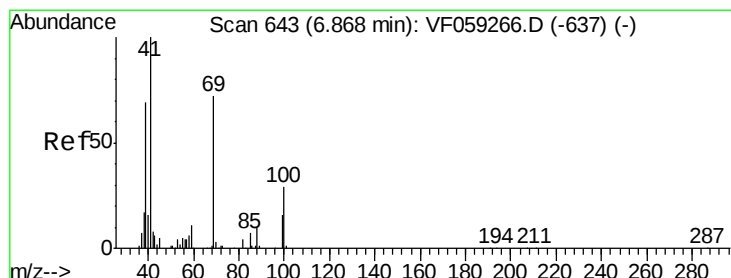
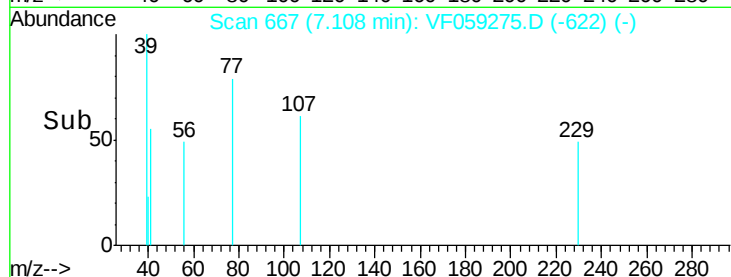
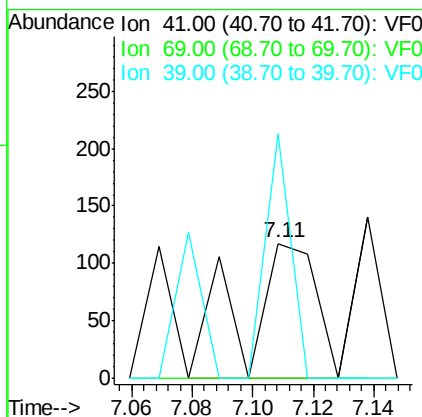
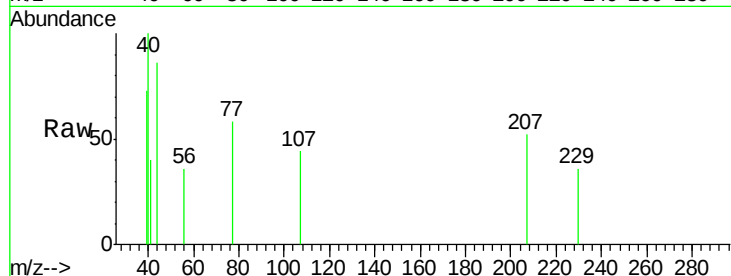




#48
Methvl methacrylate
Concen: 447.94 ug/l
RT: 7.11 min Scan# 667
Delta R.T. 0.24 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

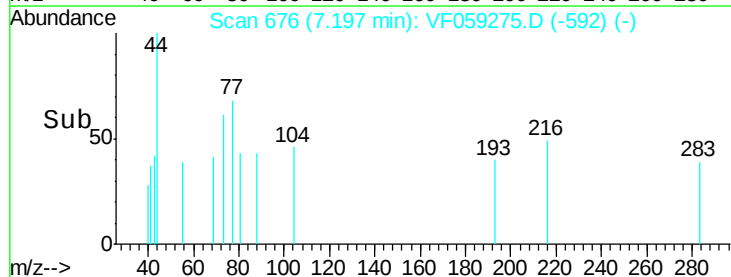
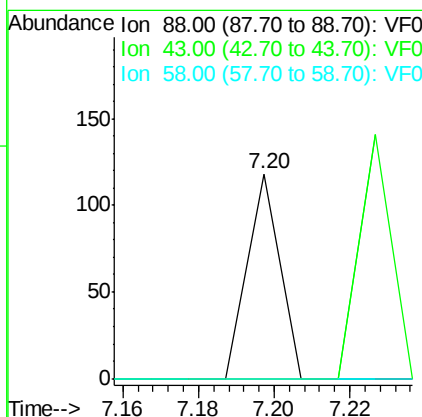
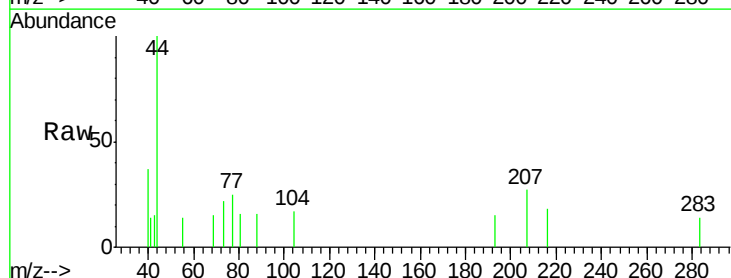
Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

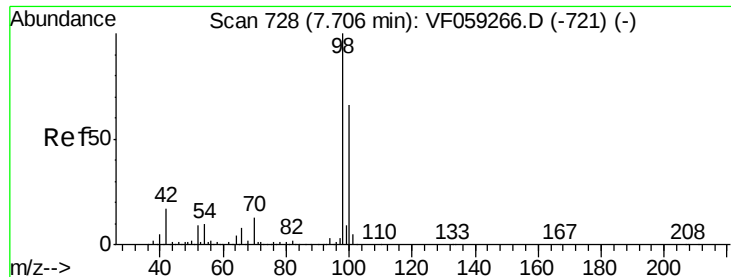
Tot Ion: 41 Resp: 196
Ion Ratio Lower Upper
41 100
69 0.0 57.4 86.2#
39 182.1 54.8 82.2#



#49
1,4-Dioxane
Concen: 27584.45 ug/l
RT: 7.20 min Scan# 676
Delta R.T. 0.33 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 0.0 55.5 83.3#
58 0.0 50.1 75.1#





#50

Toluene-d8

Concen: 33.93 ug/l

RT: 7.92 min Scan# 749

Delta R.T. 0.21 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

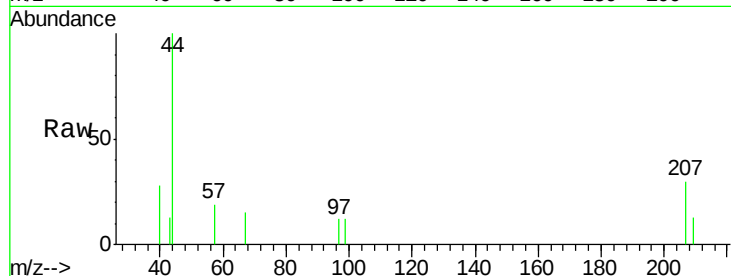
20180372-COMPOSITE-CS-1BRE

Tot Ion: 98 Resp: 61

Ion Ratio Lower Upper

98 100

100 0.0 52.8 79.2#

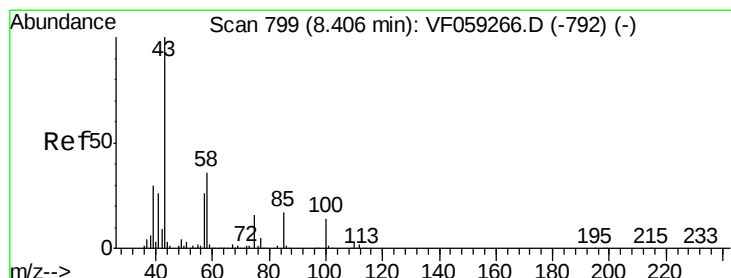
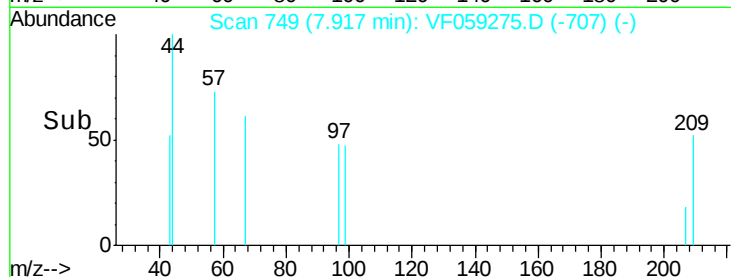


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.92

Time--> 7.88 7.90 7.92 7.94



#51

4-Methyl-2-Pentanone

Concen: 198.82 ug/l

RT: 8.70 min Scan# 828

Delta R.T. 0.29 min

Lab File: VF059275.D

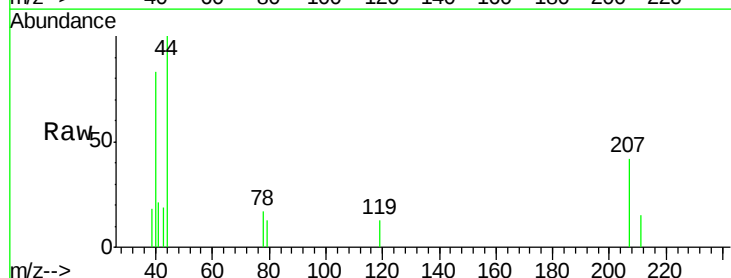
Acq: 21 Jun 2018 22:18

Tgt Ion: 43 Resp: 98

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#

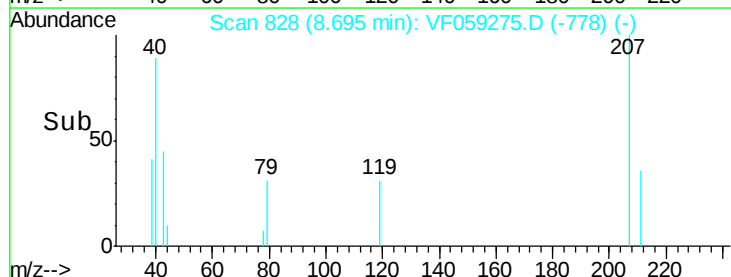


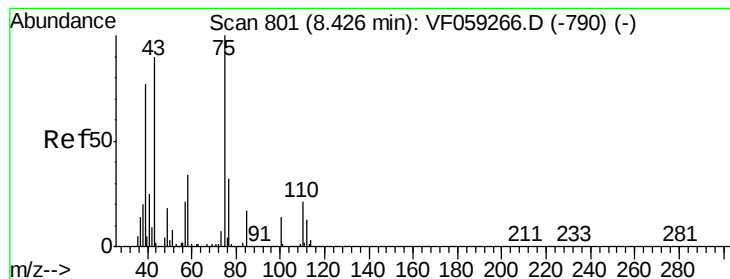
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.70

Time--> 8.68 8.69 8.70 8.71





#53

t-1,3-Dichloropropene

Concen: 73.31 ug/l

RT: 8.86 min Scan# 845

Delta R.T. 0.44 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

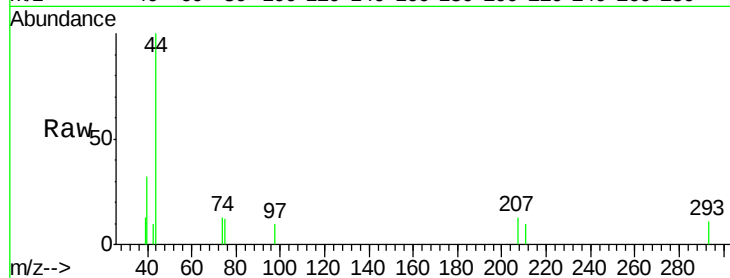
20180372-COMPOSITE-CS-1BRE

Tot Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#

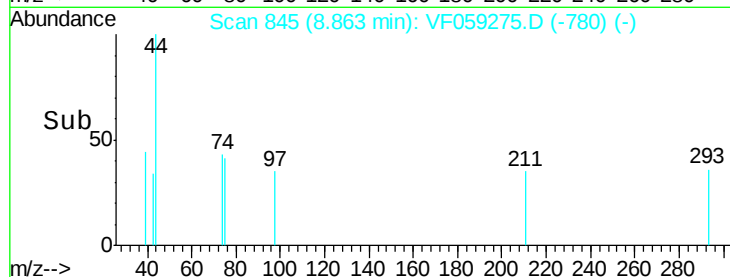


Abundance Ion 75.00 (74.70 to 75.70): VF0

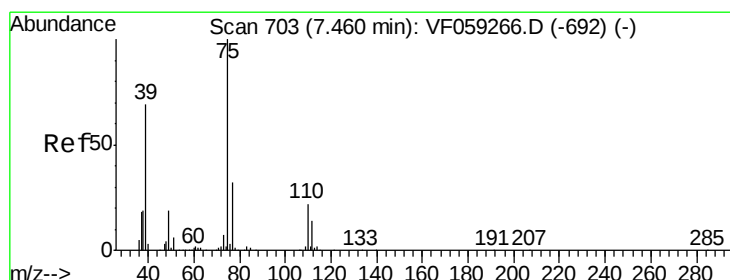
Ion 77.00 (76.70 to 77.70): VF0

8.86

8.84 8.86 8.88



Time-->



#54

cis-1,3-Dichloropropene

Concen: 57.56 ug/l

RT: 7.67 min Scan# 724

Delta R.T. 0.21 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

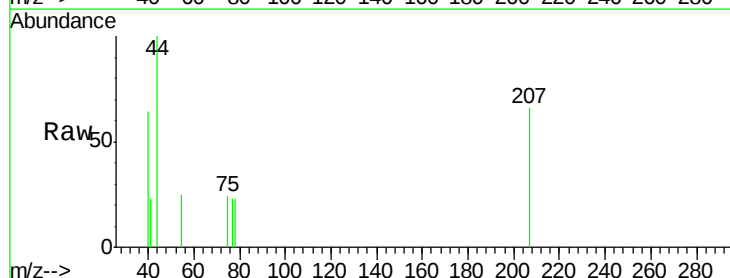
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 97.2 26.0 39.0#

39 0.0 55.5 83.3#



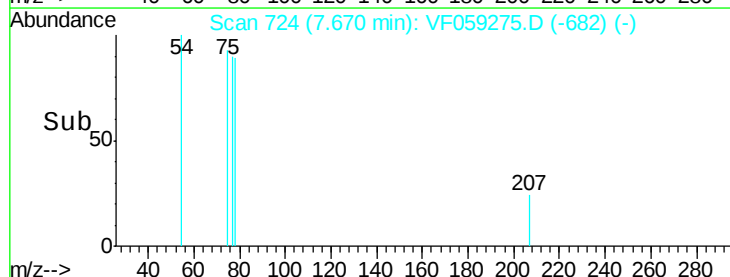
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

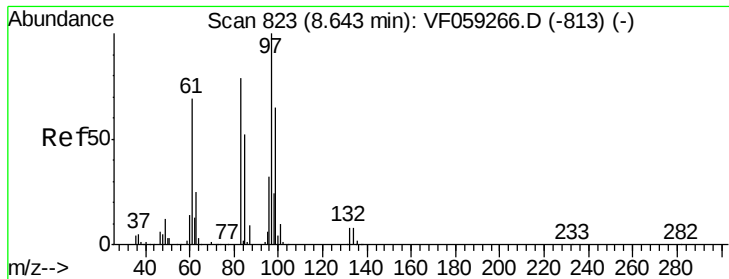
Ion 39.00 (38.70 to 39.70): VF0

7.67

7.64 7.66 7.68 7.70



Time-->



#55

1,1,2-Trichloroethane

Concen: 114.69 ug/l

RT: 8.86 min Scan# 845

Delta R.T. 0.22 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

Tot Ion: 97 Resp: 64

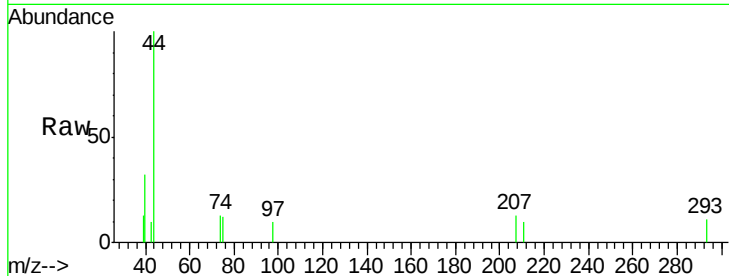
Ion Ratio Lower Upper

97 100

83 0.0 63.2 94.8#

85 0.0 41.8 62.6#

99 0.0 51.7 77.5#

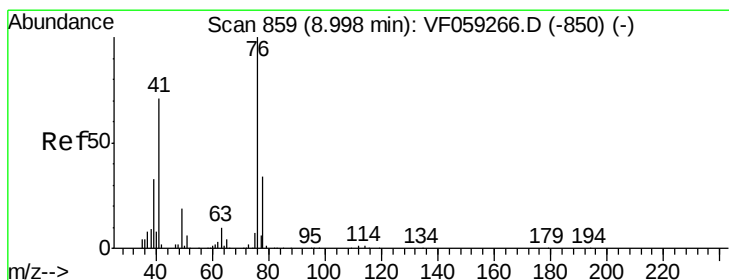
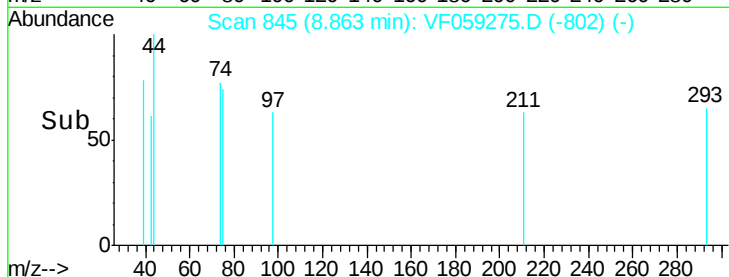
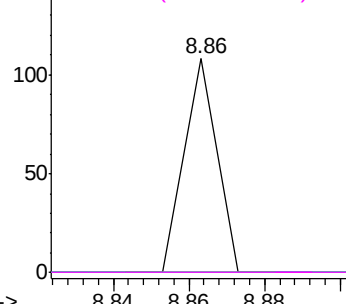


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#57

1,3-Dichloropropane

Concen: 93.18 ug/l

RT: 9.48 min Scan# 908

Delta R.T. 0.49 min

Lab File: VF059275.D

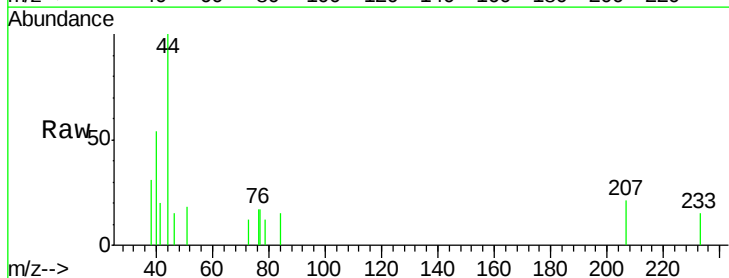
Acq: 21 Jun 2018 22:18

Tgt Ion: 76 Resp: 86

Ion Ratio Lower Upper

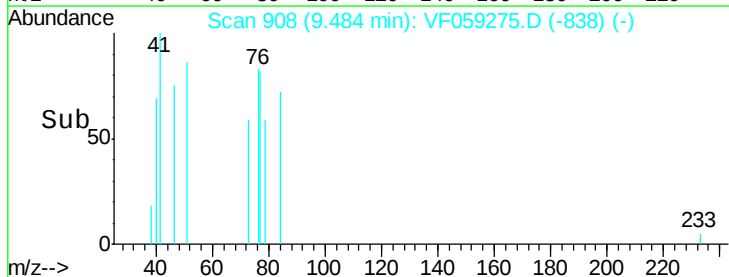
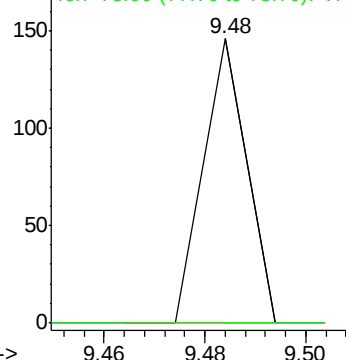
76 100

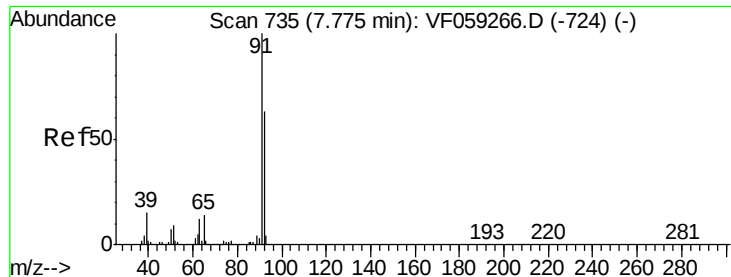
78 0.0 27.5 41.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0





#58

2-Chloroethyl Vinyl ether

Concen: 1469.89 ug/l

RT: 8.03 min Scan# 760

Delta R.T. 0.25 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

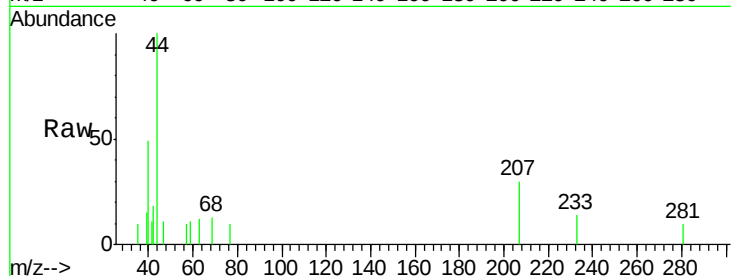
20180372-COMPOSITE-CS-1BRE

Tot Ion: 63 Resp: 75

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

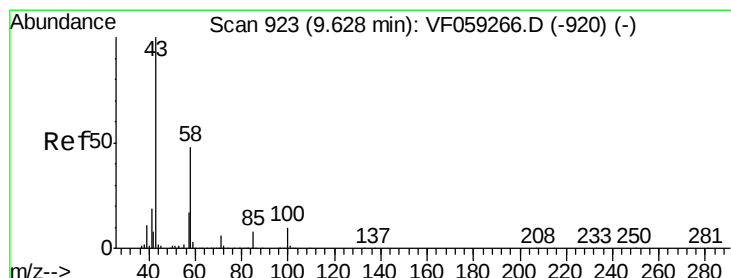
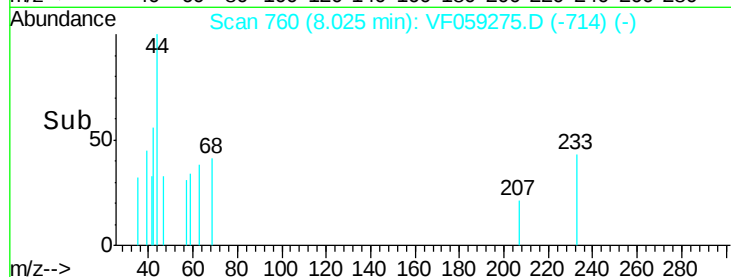
8.03

100

50

0

Time-->



#59

2-Hexanone

Concen: 460.61 ug/l

RT: 9.99 min Scan# 959

Delta R.T. 0.36 min

Lab File: VF059275.D

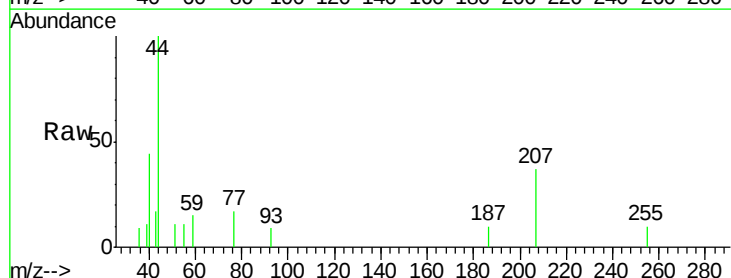
Acq: 21 Jun 2018 22:18

Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

58 84.2 23.3 69.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.99

200

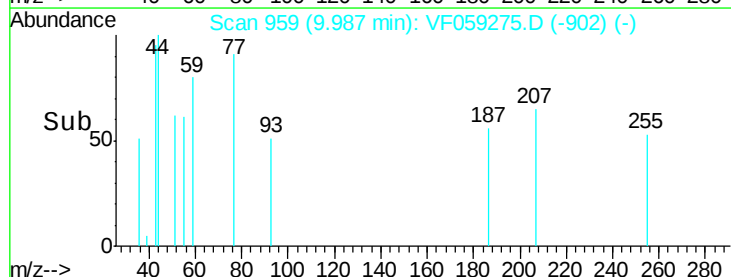
150

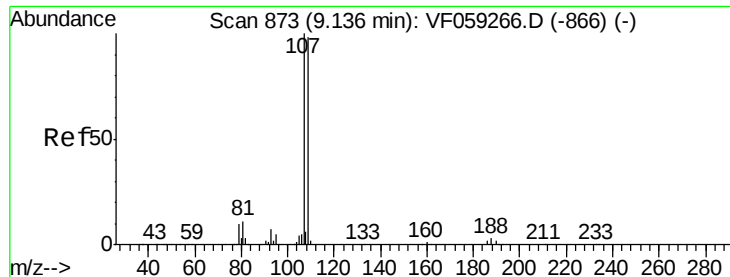
100

50

0

Time-->





#61

1,2-Dibromoethane

Concen: 98.00 ug/l

RT: 9.54 min Scan# 914

Delta R.T. 0.41 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

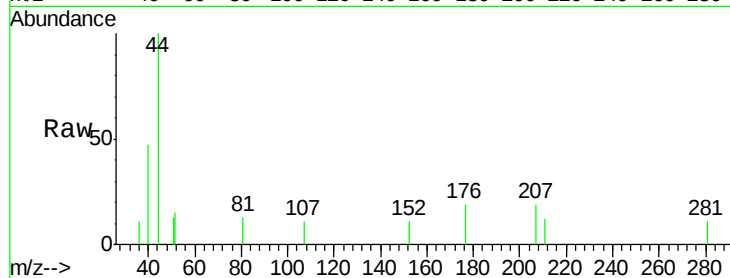
20180372-COMPOSITE-CS-1BRE

Tot Ion:107 Resp: 63

Ion Ratio Lower Upper

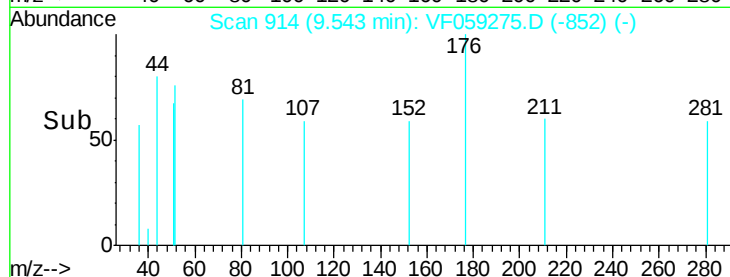
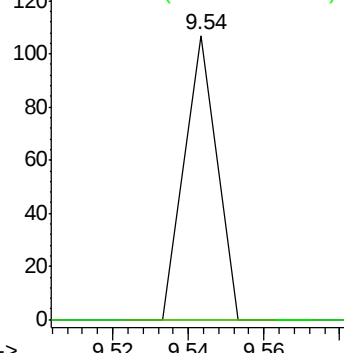
107 100

109 0.0 78.0 117.0#

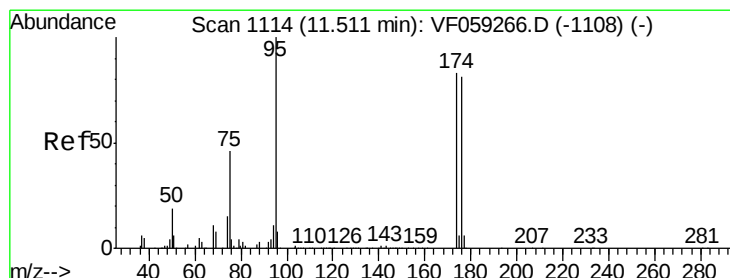


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 138.44 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. 0.24 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

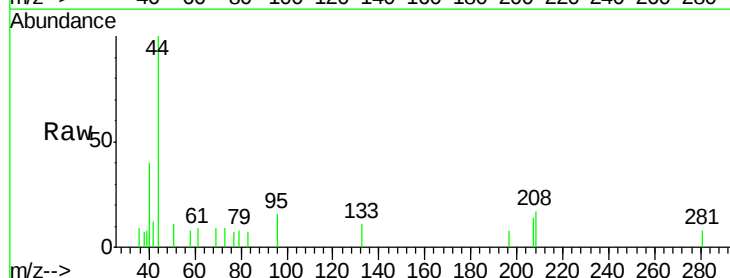
Tgt Ion: 95 Resp: 138

Ion Ratio Lower Upper

95 100

174 0.0 0.0 166.2

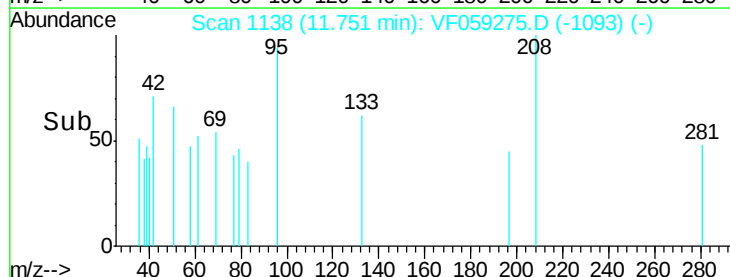
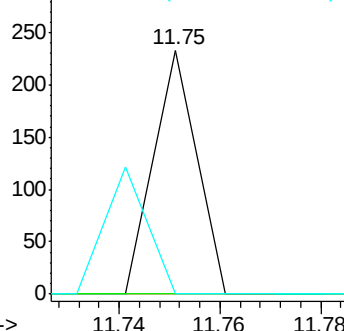
176 0.0 0.0 162.8



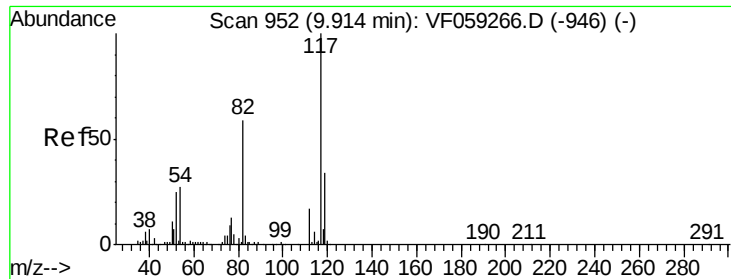
Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



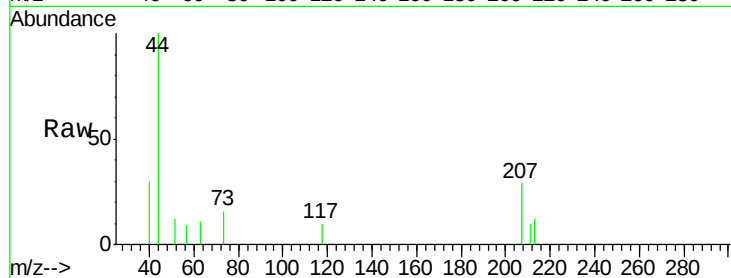
Time-->



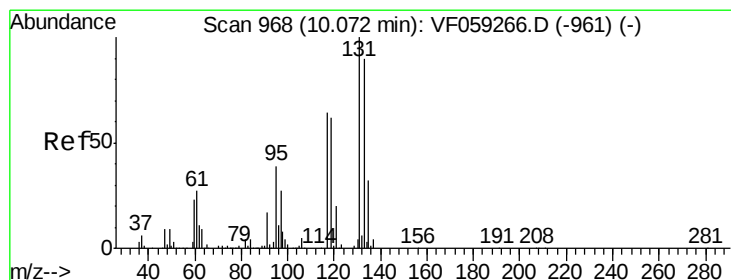
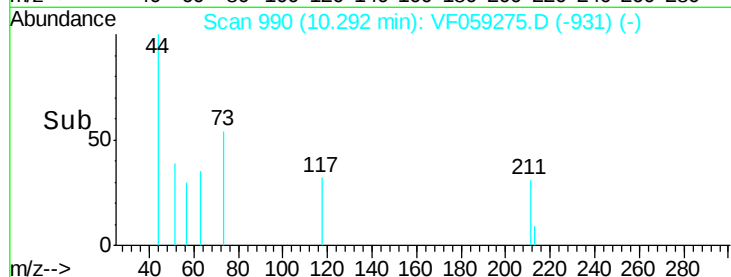
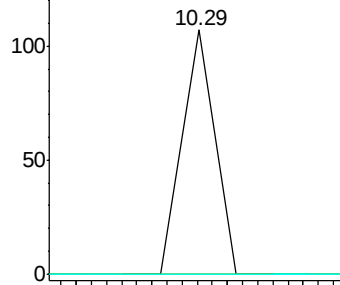
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.38 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

Tot Ion:117 Resp: 63
Ion Ratio Lower Upper
117 100
82 0.0 47.1 70.7#
119 0.0 26.9 40.3#

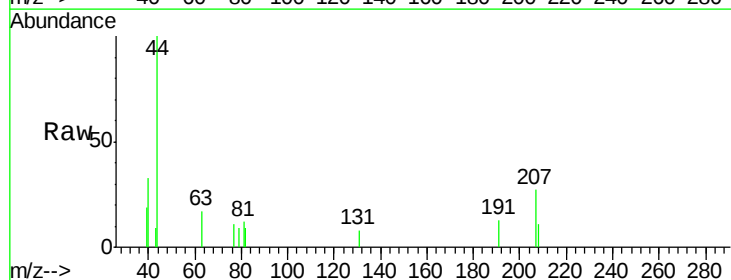


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

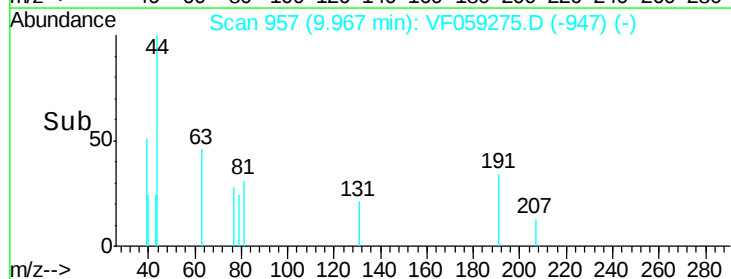
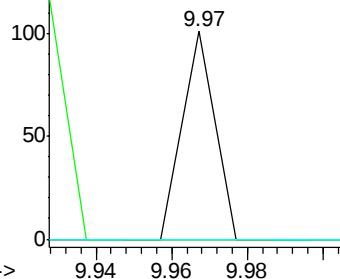


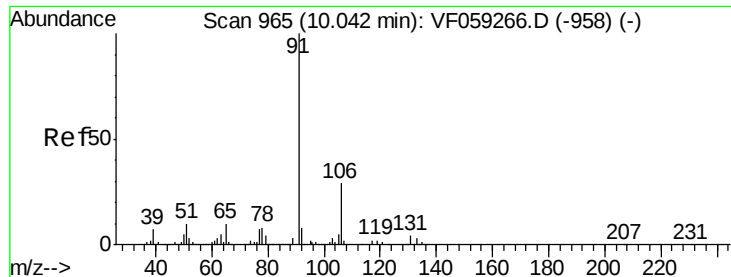
#66
1,1,1,2-Tetrachloroethane
Concen: 107.43 ug/l
RT: 9.97 min Scan# 957
Delta R.T. -0.10 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion:131 Resp: 60
Ion Ratio Lower Upper
131 100
133 0.0 45.1 135.2#
119 0.0 31.2 93.6#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 54.93 ug/l

RT: 10.10 min Scan# 970

Delta R.T. 0.05 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

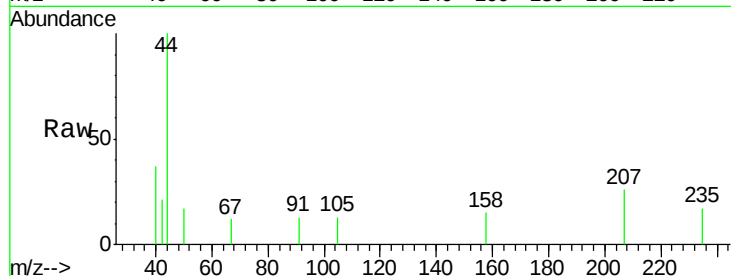
20180372-COMPOSITE-CS-1BRE

Tot Ion: 91.00 Resp: 125

Ion Ratio Lower Upper

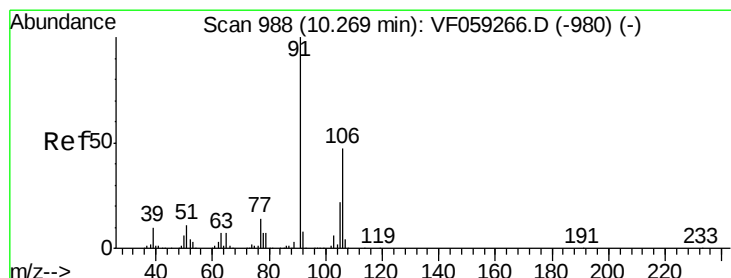
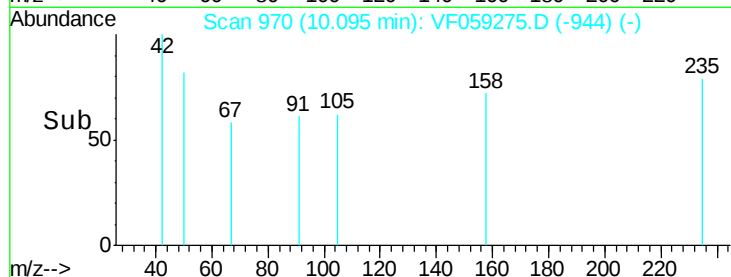
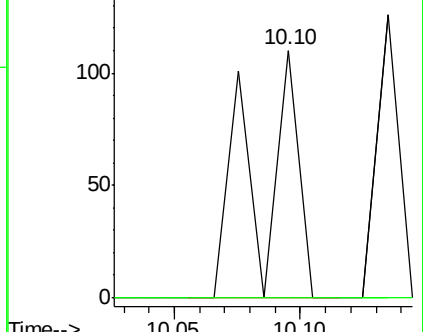
91 100

106 0.0 23.4 35.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 79.46 ug/l

RT: 10.30 min Scan# 991

Delta R.T. 0.03 min

Lab File: VF059275.D

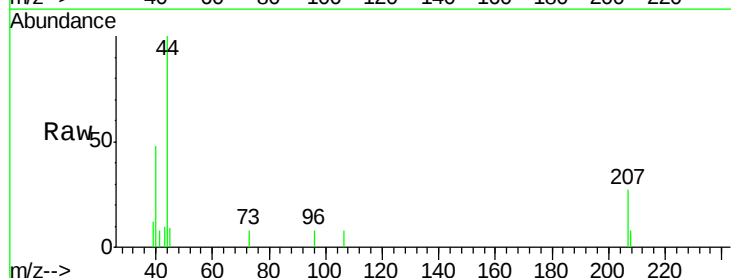
Acq: 21 Jun 2018 22:18

Tgt Ion: 106 Resp: 65

Ion Ratio Lower Upper

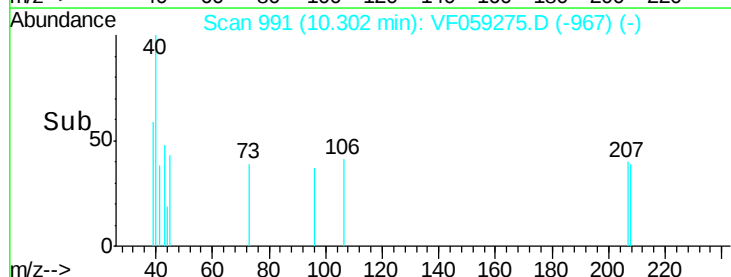
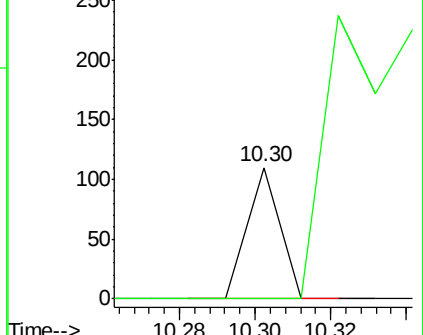
106 100

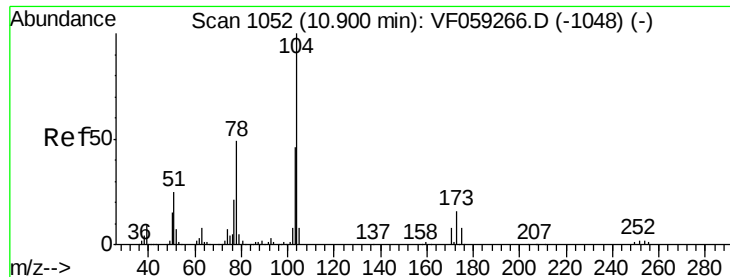
91 0.0 168.8 253.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





#70

Stvrene

Concen: 51.39 ug/l

RT: 10.97 min Scan# 1059

Delta R.T. 0.07 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

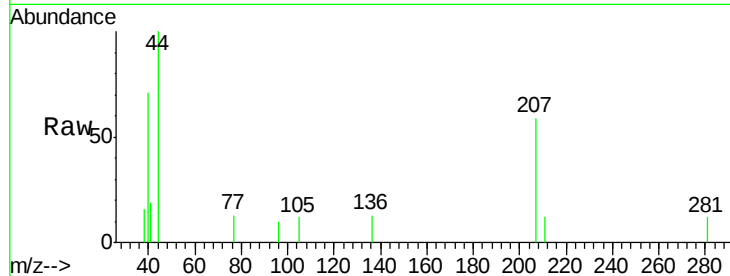
Tot Ion:104 Resp: 70

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

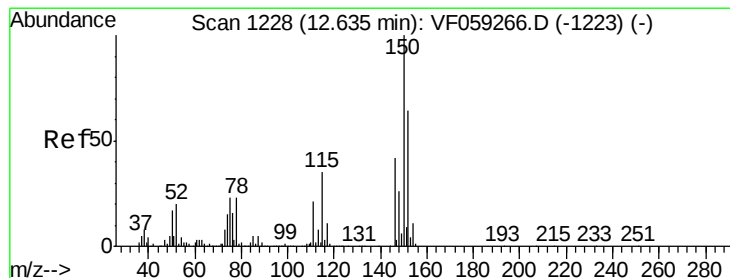
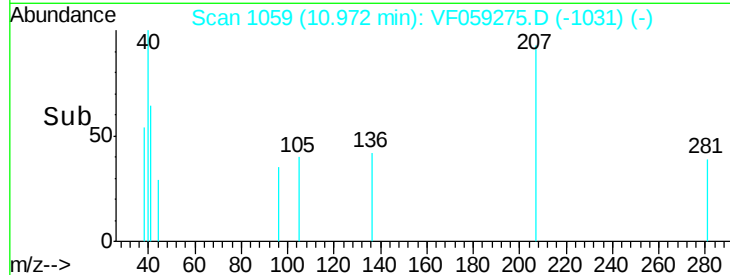
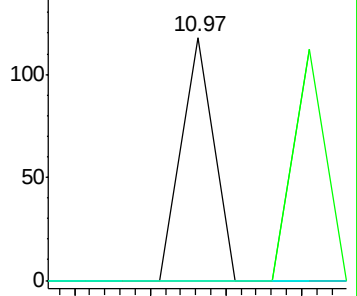
103 0.0 36.6 55.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.75 min Scan# 1239

Delta R.T. 0.11 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

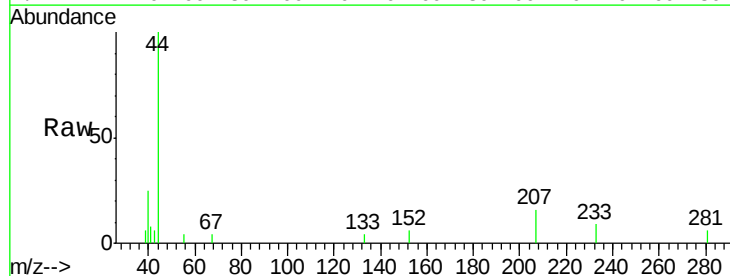
Tgt Ion:152 Resp: 82

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.3#

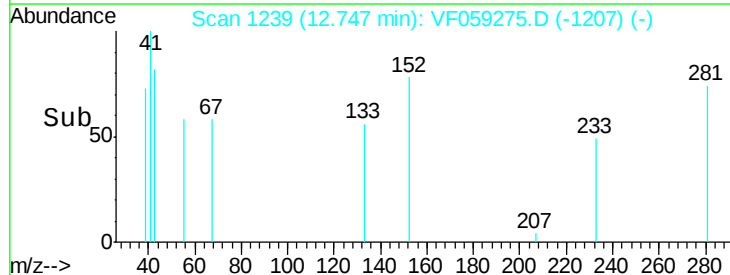
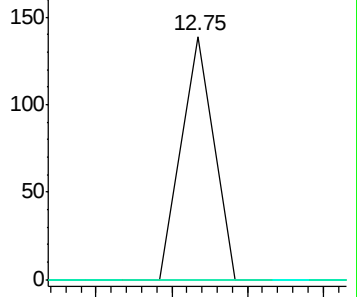
150 0.0 0.0 313.8

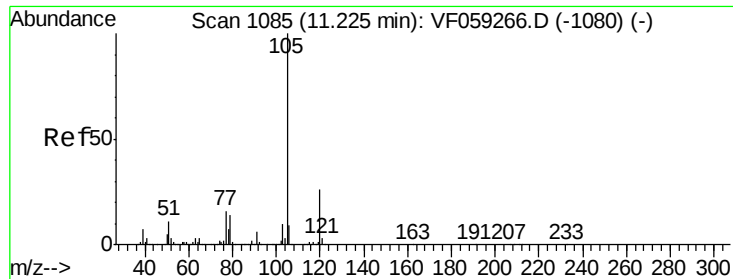


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 13.45 ug/l

RT: 11.27 min Scan# 1089

Delta R.T. 0.04 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

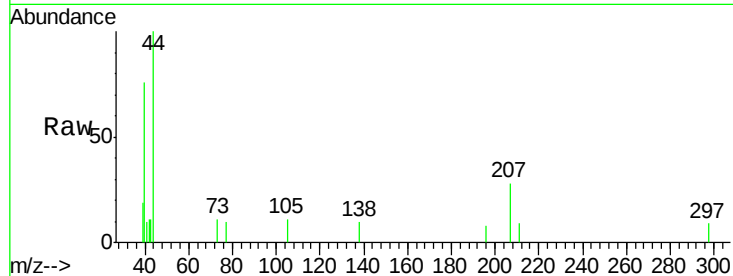
20180372-COMPOSITE-CS-1BRE

Tot Ion:105 Resp: 76

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#

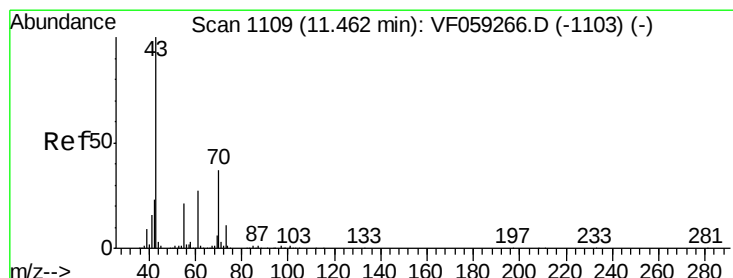
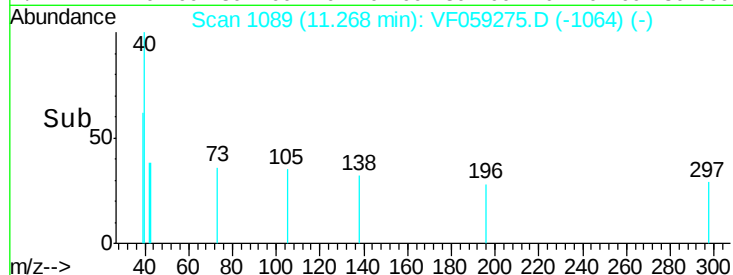


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.27

11.24 11.26 11.28 11.30



#74

N-ethyl acetate

Concen: 137.72 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Tgt Ion: 43 Resp: 254

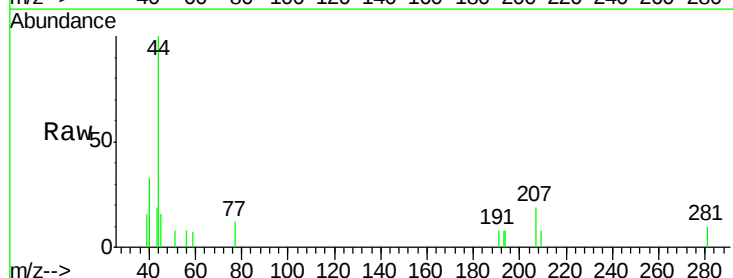
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 0.0 17.0 25.4#

61 0.0 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

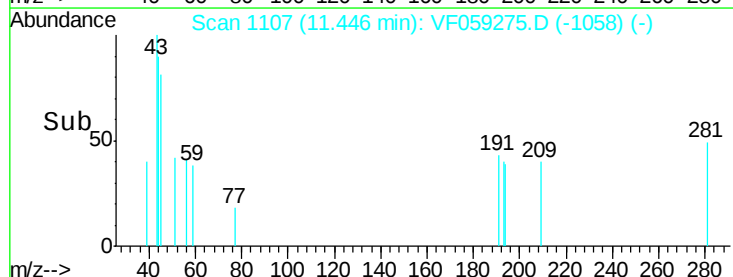
Ion 70.00 (69.70 to 70.70): VF0

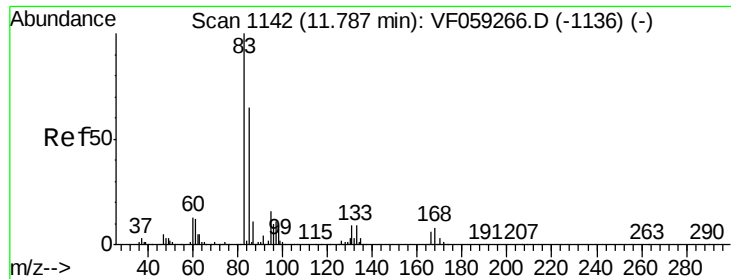
Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

11.45

11.42 11.44 11.46 11.48





#75

1,1,2,2-Tetrachloroethane

Concen: 44.52 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.04 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1BRE

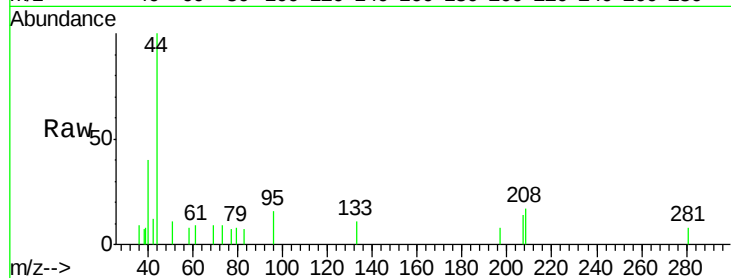
Tot Ion: 83 Resp: 59

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

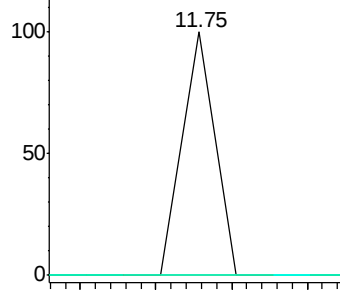
85 0.0 32.4 97.2#



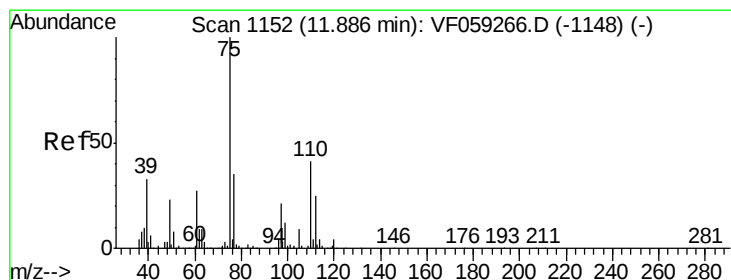
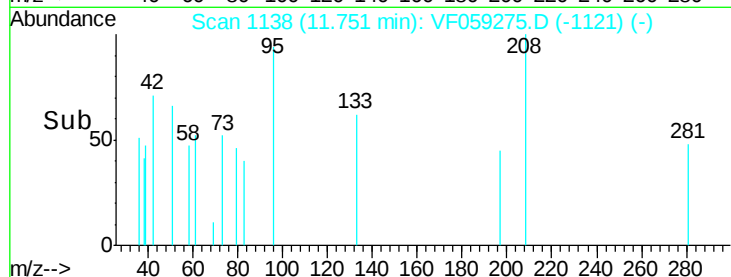
Abundance Ion 83.00 (82.70 to 83.70): VF0

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: 70.07 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.06 min

Lab File: VF059275.D

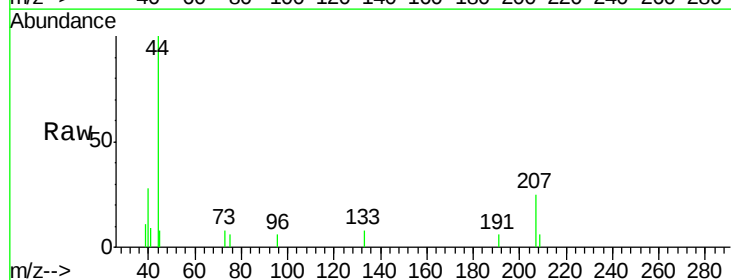
Acq: 21 Jun 2018 22:18

Tgt Ion: 75 Resp: 68

Ion Ratio Lower Upper

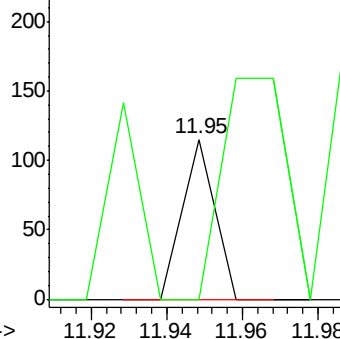
75 100

77 0.0 17.4 52.2#

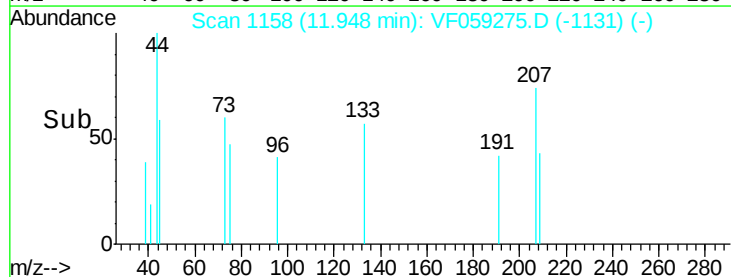


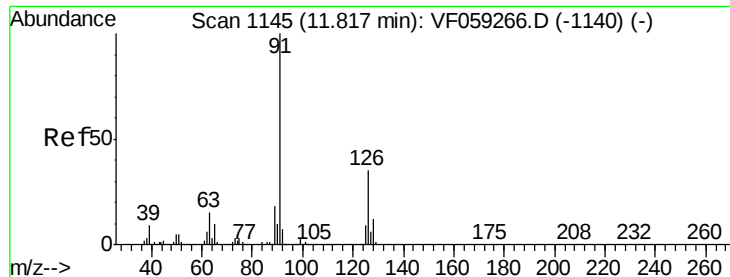
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->





#79

2-Chlorotoluene

Concen: 34.44 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. 0.03 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

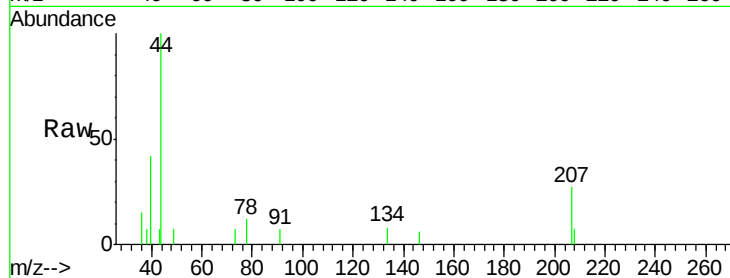
20180372-COMPOSITE-CS-1BRE

Tot Ion: 91 Resp: 138

Ion Ratio Lower Upper

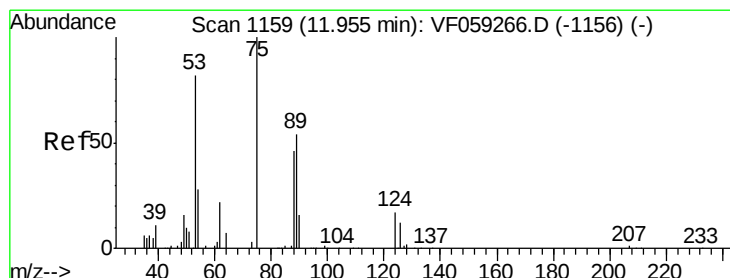
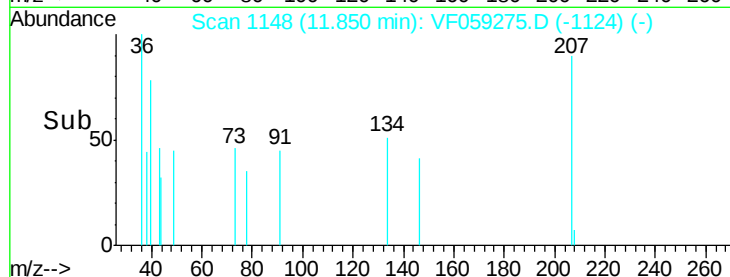
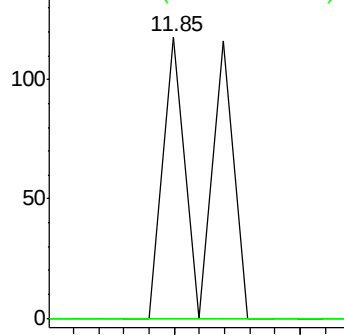
91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 109.42 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

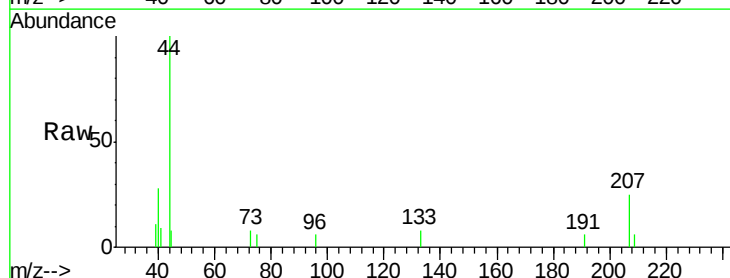
Tgt Ion: 75 Resp: 68

Ion Ratio Lower Upper

75 100

53 0.0 70.2 105.2#

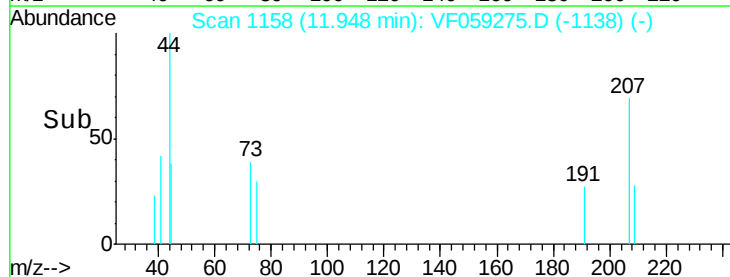
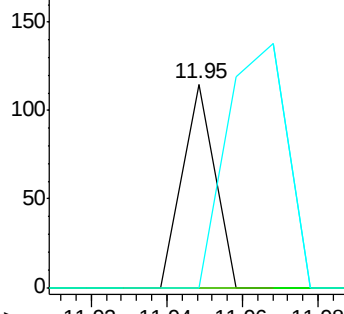
89 0.0 45.3 67.9#

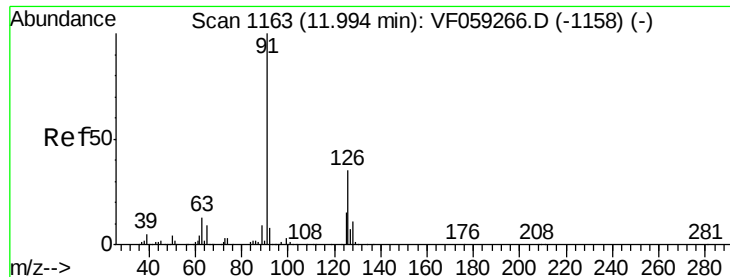


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0





#82

4-Chlorotoluene

Concen: 32.06 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. -0.14 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

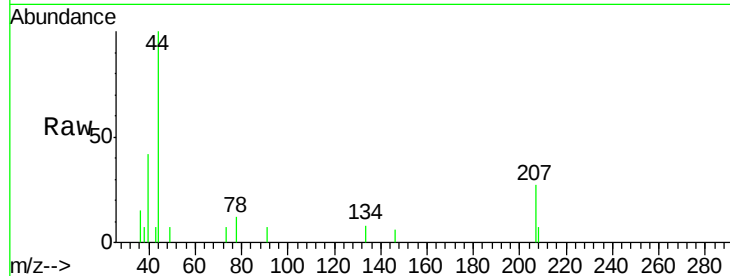
20180372-COMPOSITE-CS-1BRE

Tot Ion: 91 Resp: 138

Ion Ratio Lower Upper

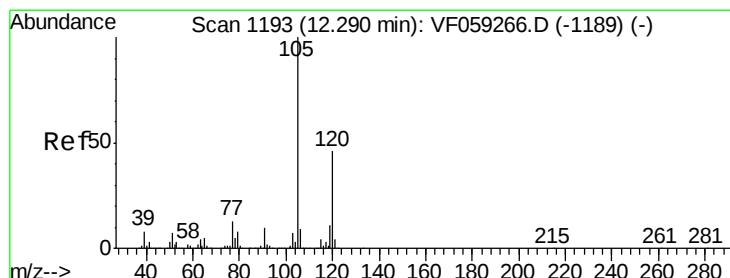
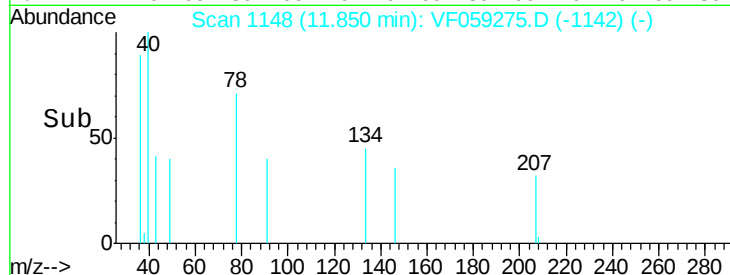
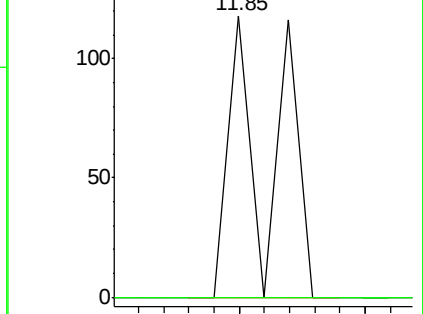
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#84

1,2,4-Trimethylbenzene

Concen: 12.72 ug/l

RT: 12.41 min Scan# 1205

Delta R.T. 0.12 min

Lab File: VF059275.D

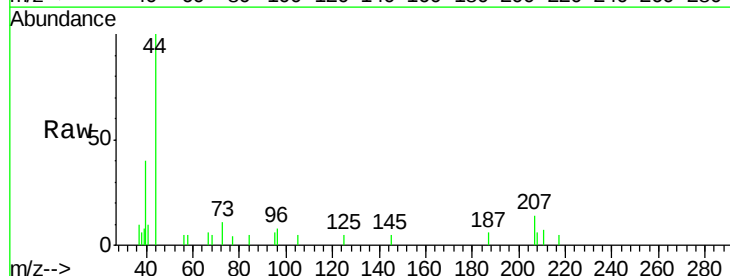
Acq: 21 Jun 2018 22:18

Tgt Ion: 105 Resp: 64

Ion Ratio Lower Upper

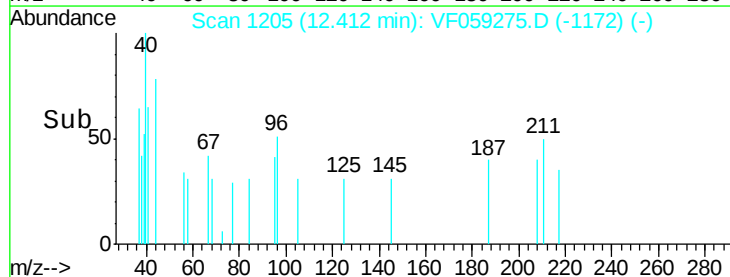
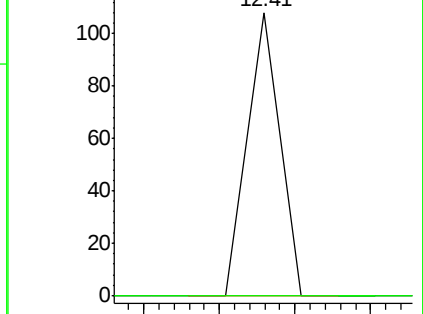
105 100

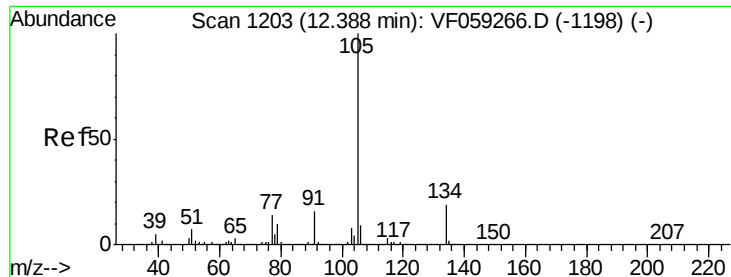
120 0.0 22.8 68.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

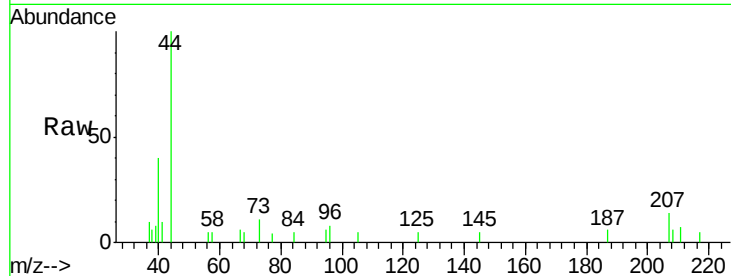




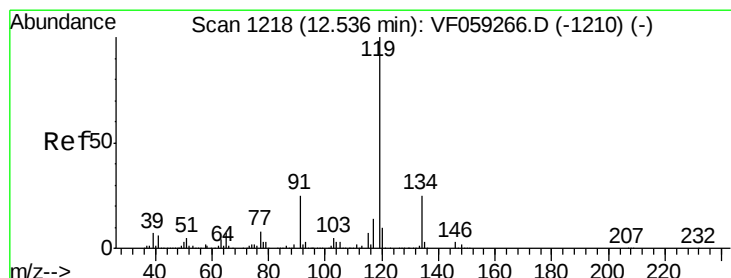
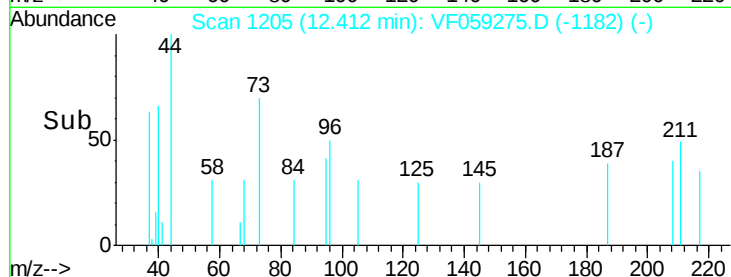
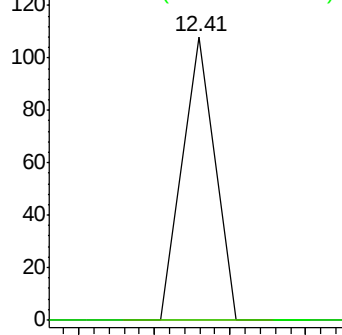
#85
 sec-Butylbenzene
 Concen: 9.92 ug/l
 RT: 12.41 min Scan# 1205
 Delta R.T. 0.02 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

Instrument :
 MSVOA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1BRE

Tot Ion:105 Resp: 64
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#

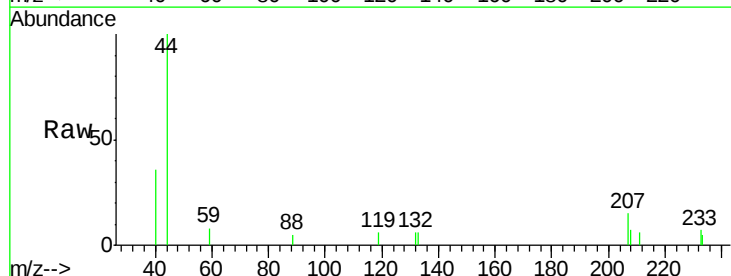


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

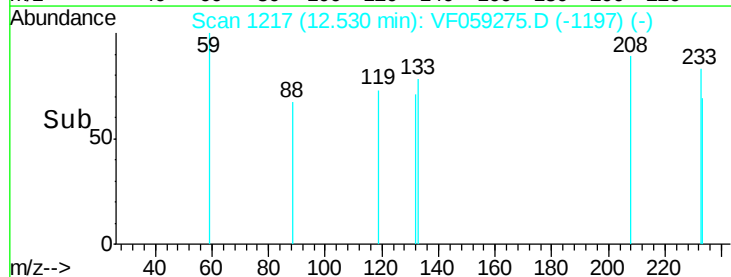
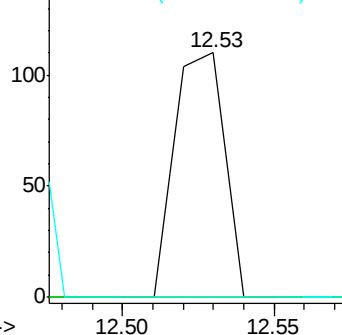


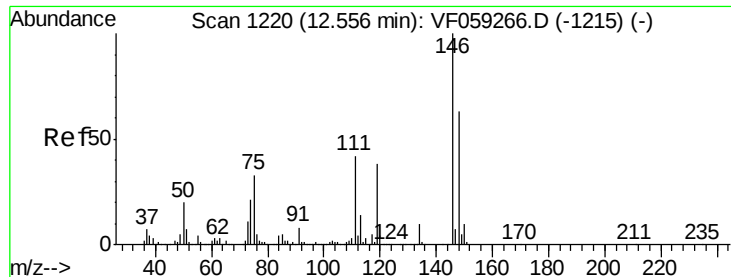
#86
 p-Isopropyltoluene
 Concen: 23.88 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

Tgt Ion:119 Resp: 127
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.6 37.8#
 91 0.0 12.6 37.8#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VF0

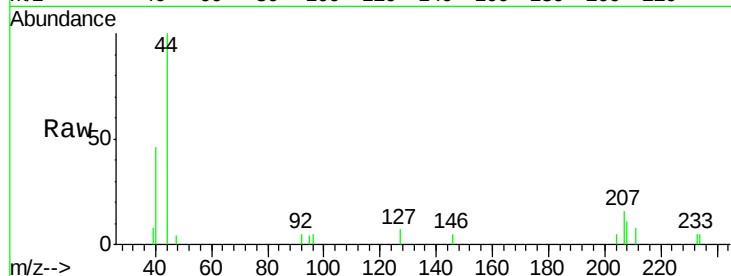




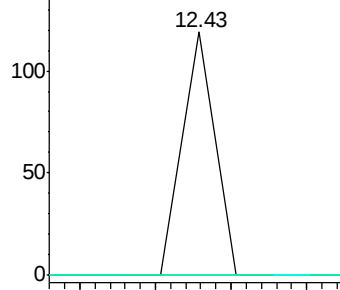
#87
 1,3-Dichlorobenzene
 Concen: 25.58 ug/l
 RT: 12.43 min Scan# 1207
 Delta R.T. -0.12 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

Instrument :
 MSVOA_F
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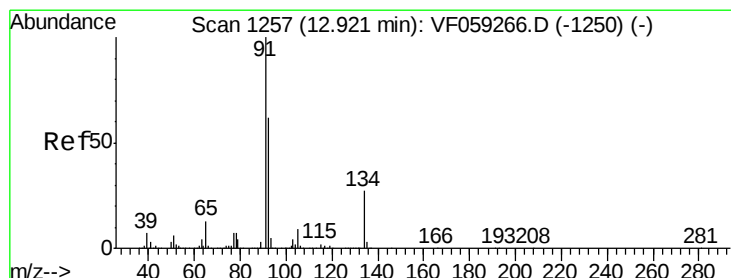
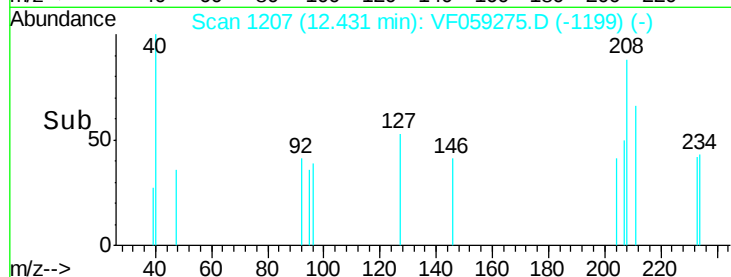
Tot Ion:146 Resp: 70
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.0 63.0#
 148 0.0 31.6 94.8#



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

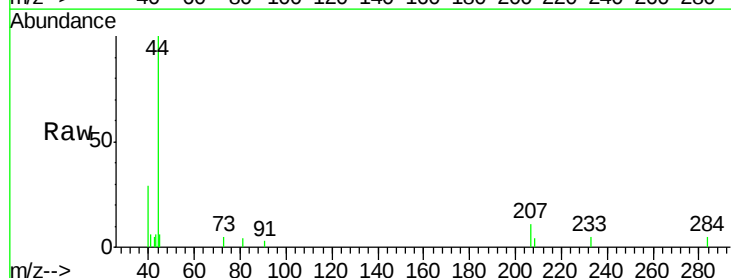


Time-->

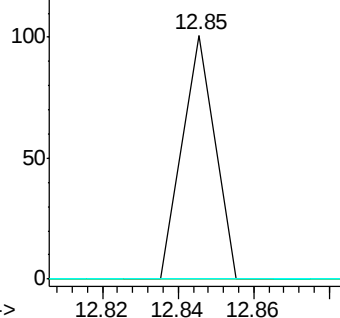


#89
 n-Butylbenzene
 Concen: 11.08 ug/l
 RT: 12.85 min Scan# 1249
 Delta R.T. -0.08 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

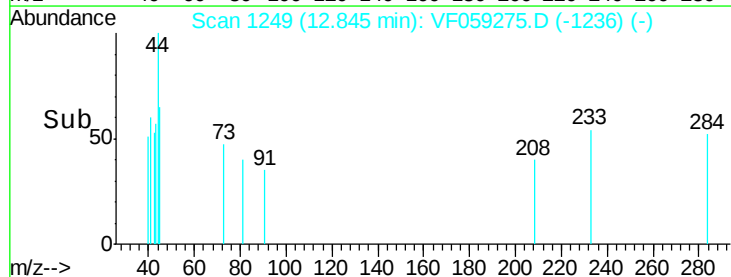
Tgt Ion: 91 Resp: 60
 Ion Ratio Lower Upper
 91 100
 92 0.0 31.2 93.6#
 134 0.0 13.4 40.1#

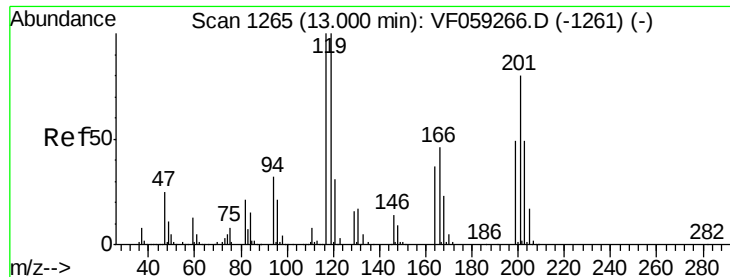


Abundance Ion 91.00 (90.70 to 91.70): VF0
 Ion 92.00 (91.70 to 92.70): VF0
 Ion 134.00 (133.70 to 134.70): V



Time-->





#90

Hexachloroethane

Concen: 63.93 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

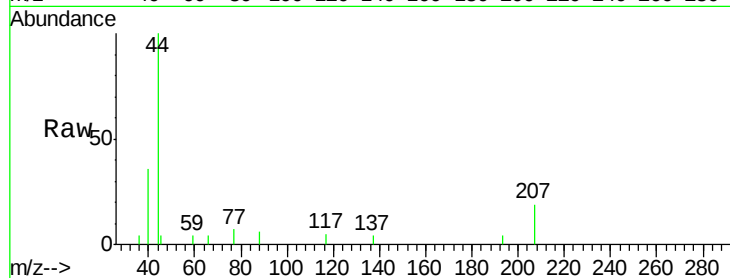
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Tot Ion:117 Resp: 85

Ion Ratio Lower Upper

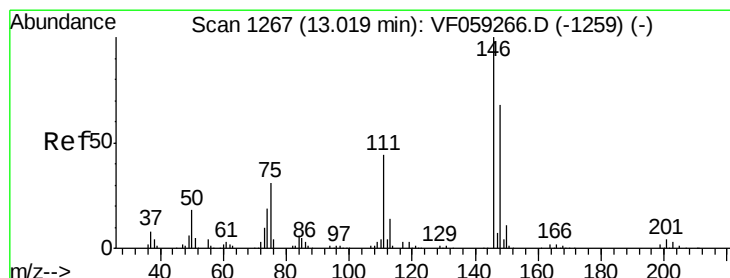
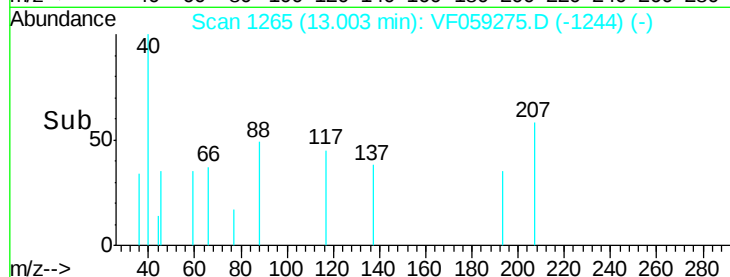
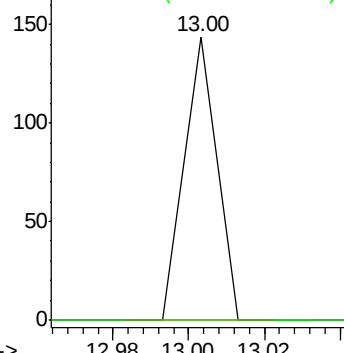
117 100

201 0.0 39.8 119.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#91

1,2-Dichlorobenzene

Concen: 37.22 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VF059275.D

Acq: 21 Jun 2018 22:18

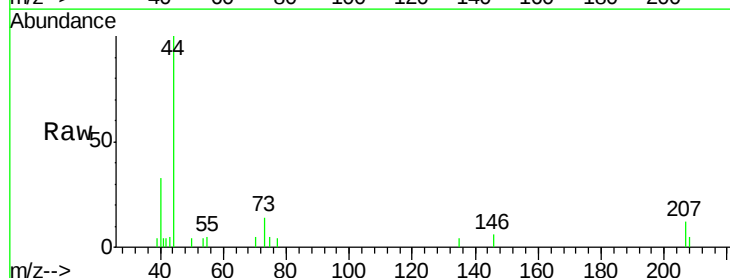
Tgt Ion:146 Resp: 101

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.3#

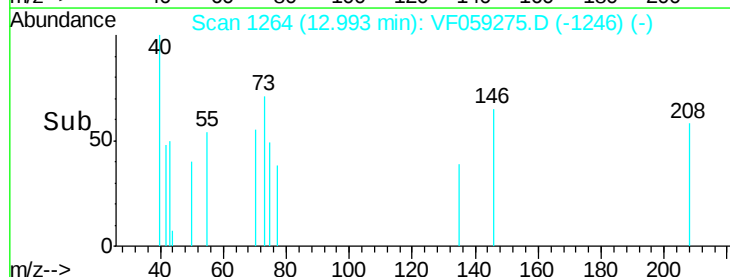
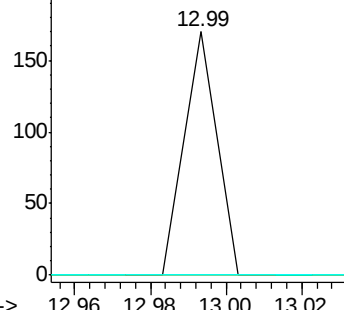
148 0.0 34.0 102.0#

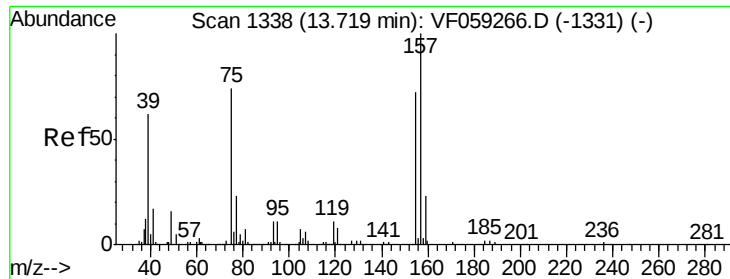


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

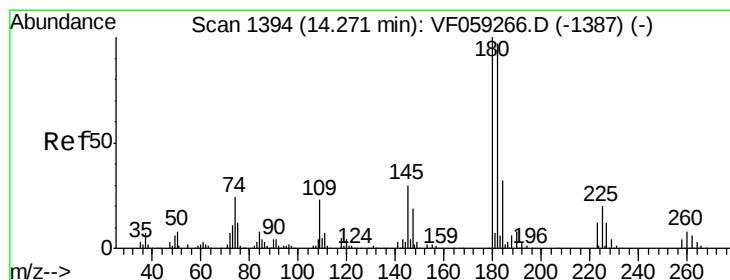
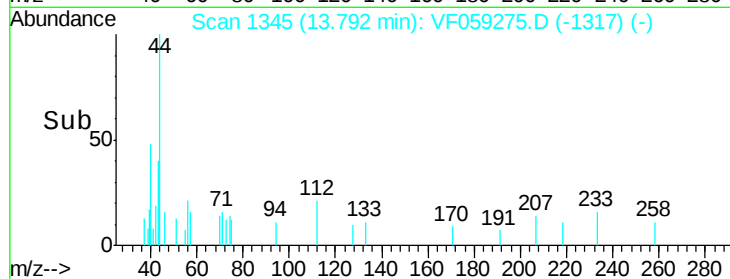
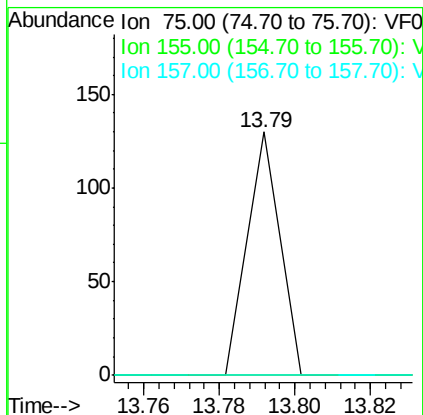
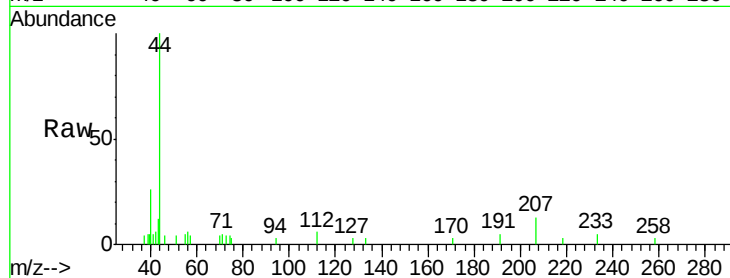




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 269.04 ug/l
 RT: 13.79 min Scan# 1345
 Delta R.T. 0.07 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

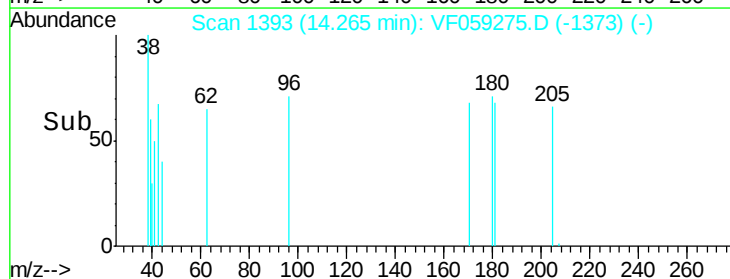
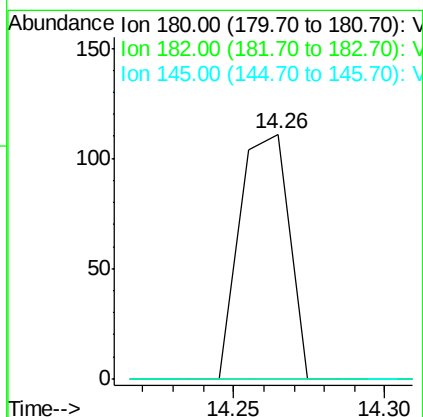
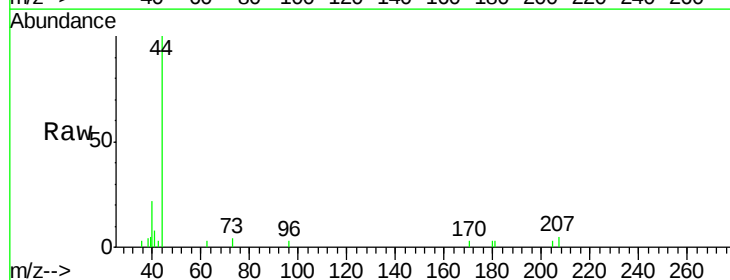
Instrument :
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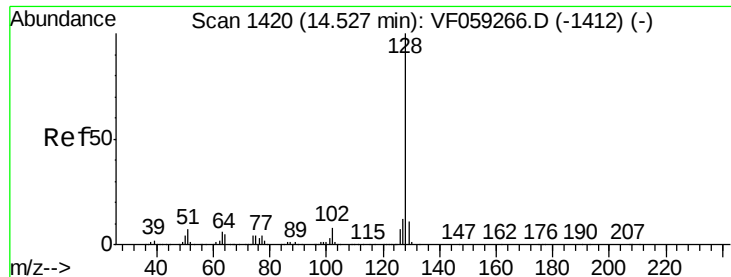
Tot Ion: 75 Resp: 77
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.3 144.9#
 157 0.0 67.2 201.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 64.07 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: VF059275.D
 Acq: 21 Jun 2018 22:18

Tgt Ion: 180 Resp: 127
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.6 145.9#
 145 0.0 15.0 45.1#

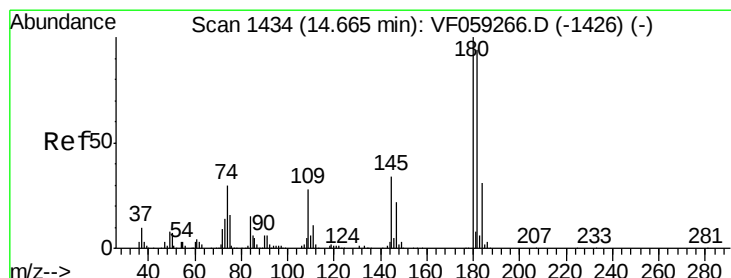
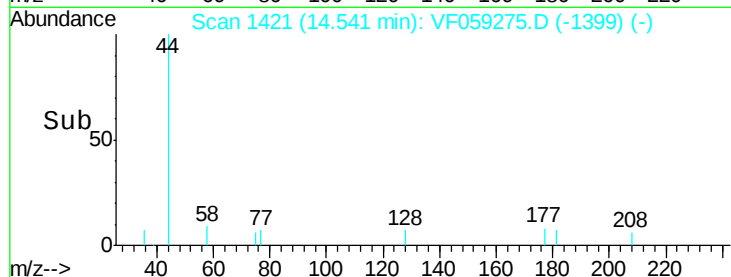
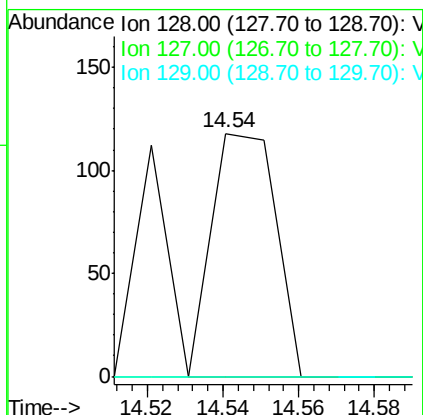
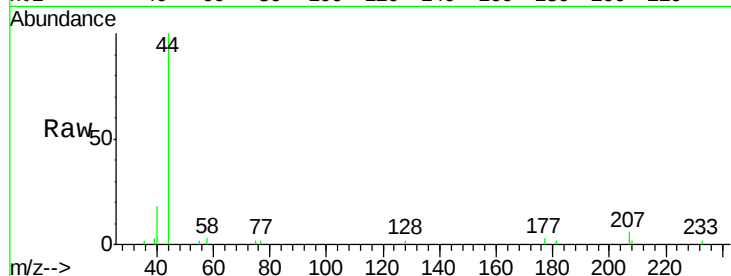




#95
Naphthalene
Concen: 33.90 ug/l
RT: 14.54 min Scan# 1421
Delta R.T. 0.01 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1BRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.6	14.4#
129	0.0	9.0	13.4#



#96
1,2,3-Trichlorobenzene
Concen: 35.92 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VF059275.D
Acq: 21 Jun 2018 22:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.9	140.7#
145	0.0	17.0	50.9#

