

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059847.D
 Acq On : 3 Aug 2018 19:07
 Operator : VA/AP
 Sample : J4278-05
 Misc : 7.33q/5mL/MSVOA F/SOIL
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-080118-C

Quant Time: Aug 04 03:17:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.17	168	61	50.00	ug/l	0.13
34) 1,4-Difluorobenzene	6.08	114	92	50.00	ug/l	0.32
63) Chlorobenzene-d5	10.51	117	89	50.00	ug/l	0.60
72) 1,4-Dichlorobenzene-d4	12.60	152	62	50.00	ug/l	-0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.20	65	89	81.18	ug/l	0.18
Spiked Amount	50.000		Recovery	=	162.36%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	8.24	98	60	26.93	ug/l	0.54
Spiked Amount	50.000		Recovery	=	53.86%	
62) 4-Bromofluorobenzene	12.13	95	157	127.27	ug/l	0.62
Spiked Amount	50.000		Recovery	=	254.54%	

Target Compounds						Qvalue
3) Chloromethane	1.09	50	258	802.41	ug/l #	38
4) Vinyl Chloride	1.16	62	66	184.31	ug/l #	47
5) Bromomethane	1.42	94	60	206.33	ug/l #	4
6) Chloroethane	1.31	64	134	632.95	ug/l #	35
8) Diethyl Ether	1.64	74	76	390.18	ug/l #	1
11) Tert butyl alcohol	2.76	59	131	2979.52	ug/l #	74
14) Allyl chloride	2.22	41	99	131.26	ug/l #	61
15) Acrylonitrile	3.15	53	143	2018.36	ug/l #	7
16) Acetone	2.39	43	86	436.12	ug/l #	68
18) Methyl Acetate	2.51	43	163	585.74	ug/l #	64
19) Methyl tert-butyl Ether	2.60	73	76	52.76	ug/l #	60
20) Methylene Chloride	2.26	84	93	243.81	ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	76	190.96	ug/l #	1
22) Diisopropyl ether	2.98	45	93	58.31	ug/l #	12
23) Vinyl Acetate	3.43	43	216	263.41	ug/l #	83
24) 1,1-Dichloroethane	3.01	63	88	79.41	ug/l #	91
25) 2-Butanone	4.56	43	75	340.81	ug/l #	74
26) 2,2-Dichloropropane	3.84	77	61	77.22	ug/l #	66
27) cis-1,2-Dichloroethene	3.77	96	74	124.71	ug/l	1
28) Bromochloromethane	3.93	49	69	191.74	ug/l #	15
29) Tetrahydrofuran	4.37	42	62	733.03	ug/l #	39
30) Chloroform	4.10	83	62	39.64	ug/l #	20
31) Cyclohexane	3.95	56	135	269.46	ug/l #	15
32) 1,1,1-Trichloroethane	4.27	97	73	60.18	ug/l #	22
36) 1,1-Dichloropropene	4.73	75	60	65.66	ug/l #	46
37) Ethyl Acetate	4.56	43	75	174.94	ug/l #	19
38) Carbon Tetrachloride	4.41	117	97	66.31	ug/l #	14
39) Methylcyclohexane	5.96	83	70	103.19	ug/l #	13
40) Benzene	5.04	78	78	41.98	ug/l #	52
41) Methacrylonitrile	5.21	41	83	376.73	ug/l #	24
42) 1,2-Dichloroethane	5.22	62	80	61.53	ug/l	85
43) Isopropyl Acetate	7.51	43	165	299.94	ug/l #	46
44) Trichloroethene	6.11	130	71	121.46	ug/l	2
45) 1,2-Dichloropropane	6.78	63	86	175.28	ug/l #	43

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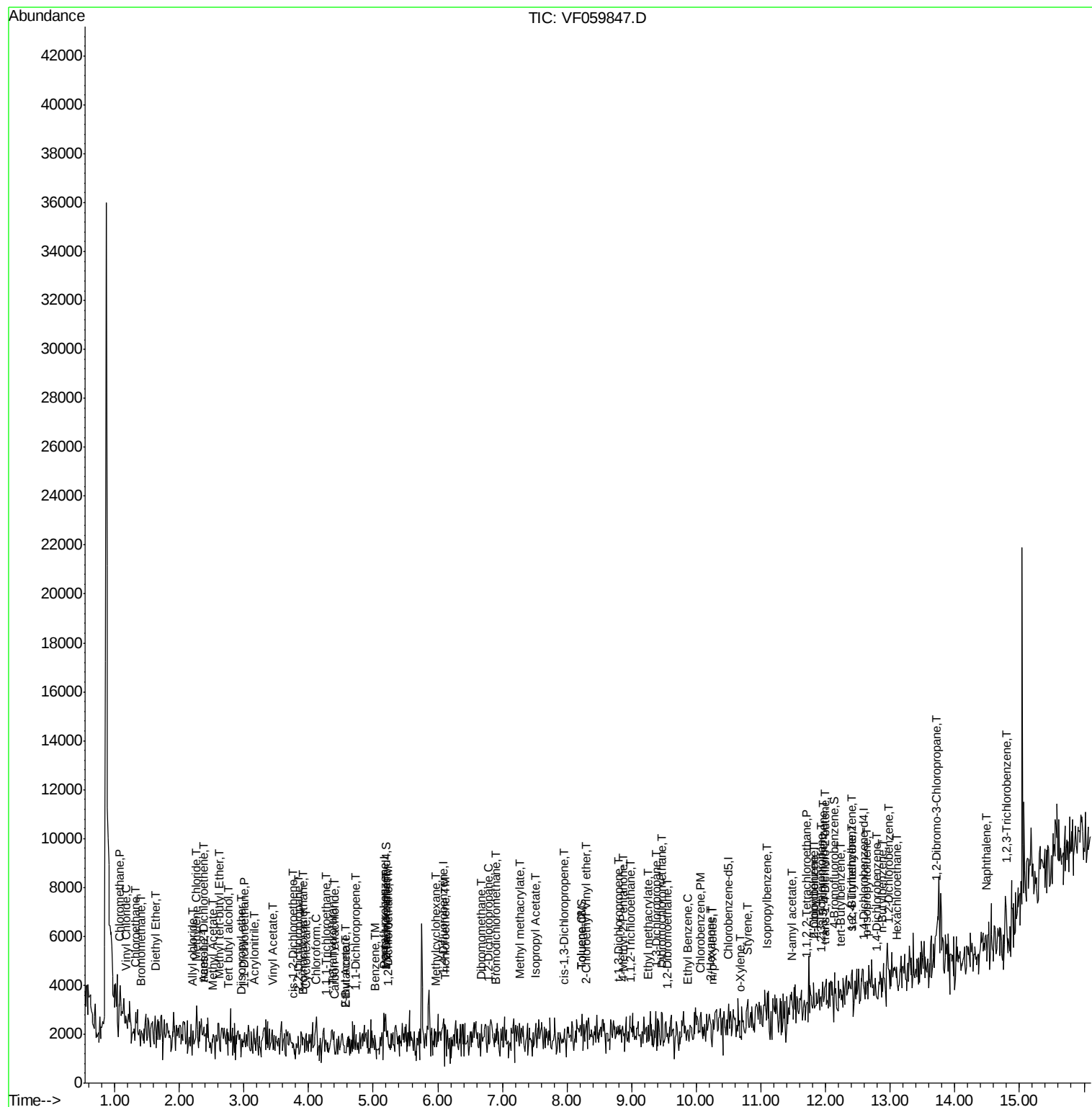
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.68	93	83	178.18	ug/l #	8
47) Bromodichloromethane	6.90	83	60	47.30	ug/l #	25
48) Methyl methacrylate	7.27	41	402	971.52	ug/l #	13
51) 4-Methyl-2-Pentanone	8.86	43	132	315.43	ug/l #	42
52) Toluene	8.23	92	63	50.99	ug/l #	1
53) t-1,3-Dichloropropene	8.79	75	91	82.67	ug/l #	41
54) cis-1,3-Dichloropropene	7.96	75	84	78.79	ug/l #	18
55) 1,1,2-Trichloroethane	8.99	97	67	133.15	ug/l #	14
56) Ethyl methacrylate	9.26	69	94	179.13	ug/l #	14
57) 1,3-Dichloropropane	9.36	76	101	117.00	ug/l #	41
58) 2-Chloroethyl Vinyl ether	8.28	63	69	1138.85	ug/l	100
59) 2-Hexanone	10.23	43	153	456.25	ug/l #	30
60) Dibromochloromethane	9.47	129	108	121.64	ug/l #	12
61) 1,2-Dibromoethane	9.56	107	65	110.63	ug/l #	4
65) Chlorobenzene	10.05	112	62	34.82	ug/l #	43
67) Ethyl Benzene	9.88	91	78	25.32	ug/l #	46
68) m/p-Xylenes	10.24	106	77	78.34	ug/l #	1
69) o-Xylene	10.69	106	70	61.67	ug/l #	1
70) Styrene	10.78	104	79	45.94	ug/l #	26
73) Isopropylbenzene	11.10	105	67	16.47	ug/l #	50
74) N-amyl acetate	11.49	43	216	210.46	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.71	83	292	381.31	ug/l #	25
76) 1,2,3-Trichloropropane	11.93	75	90	138.21	ug/l #	44
78) n-propylbenzene	11.81	91	131	29.35	ug/l #	54
79) 2-Chlorotoluene	11.81	91	131	49.91	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.97	105	75	20.38	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.98	75	90	333.74	ug/l #	9
83) tert-Butylbenzene	12.24	119	77	21.08	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.39	105	64	16.51	ug/l #	33
85) sec-Butylbenzene	12.39	105	64	11.22	ug/l #	57
86) p-Isopropyltoluene	12.63	119	111	28.20	ug/l #	49
88) 1,4-Dichlorobenzene	12.80	146	70	38.95	ug/l #	24
89) n-Butylbenzene	12.86	91	85	21.44	ug/l #	29
90) Hexachloroethane	13.12	117	63	61.40	ug/l #	18
91) 1,2-Dichlorobenzene	12.98	146	65	37.18	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	73	389.95	ug/l #	9
95) Naphthalene	14.49	128	76	28.43	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.81	180	62	41.96	ug/l #	13

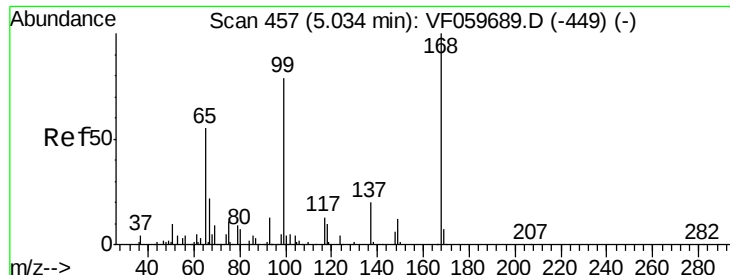
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.17 min Scan# 470

Delta R.T. 0.13 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

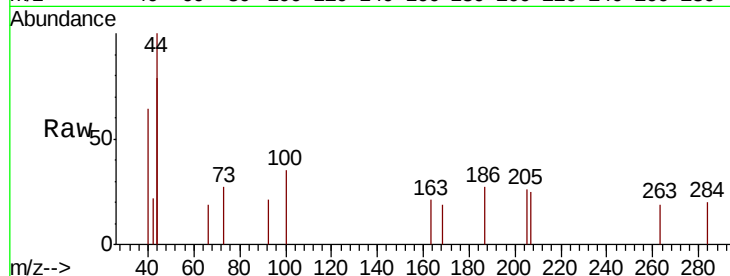
EO-03-080118-C

Tot Ion:168 Resp: 61

Ion Ratio Lower Upper

168 100

99 0.0 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.17

100

80

60

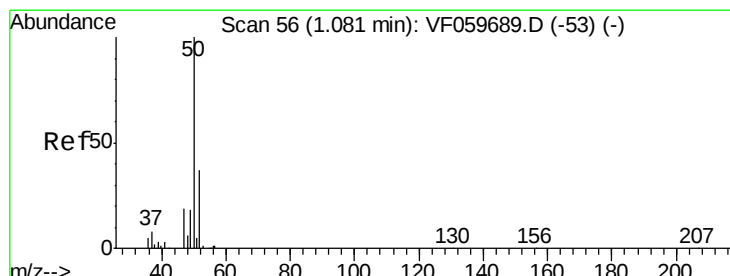
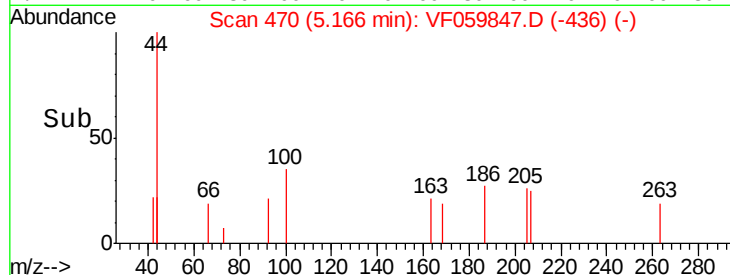
40

20

0

5.14 5.16 5.18

Time-->



#3

Chloromethane

Concen: 802.41 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF059847.D

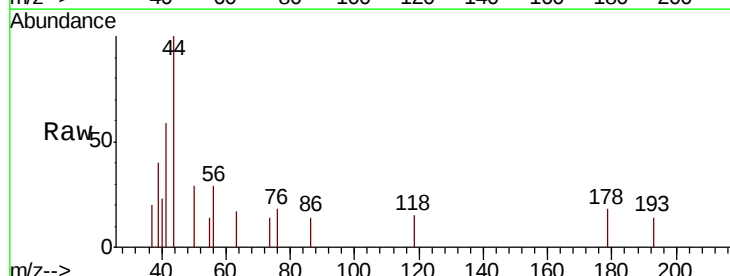
Acq: 3 Aug 2018 19:07

Tgt Ion: 50 Resp: 258

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

250

200

150

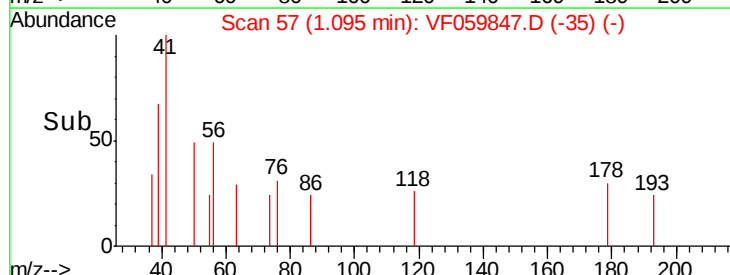
100

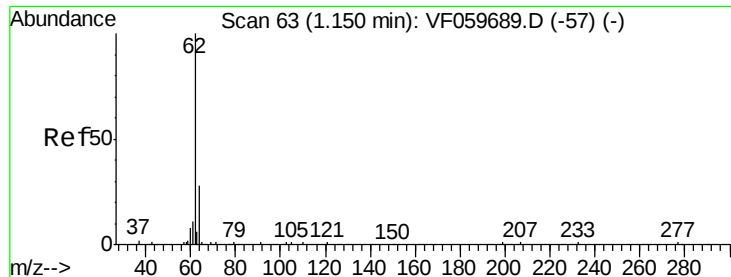
50

0

1.10 1.15

Time-->





#4

Vinyl Chloride

Concen: 184.31 ug/l

RT: 1.16 min Scan# 64

Delta R.T. 0.01 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

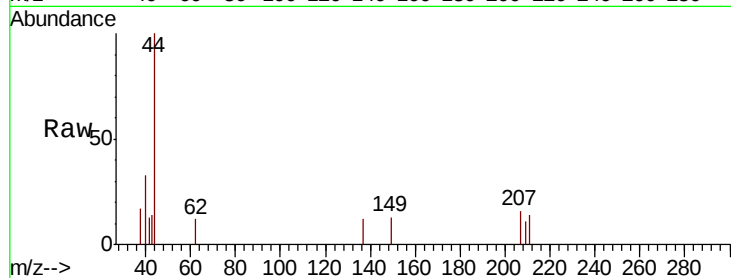
EO-03-080118-C

Tot Ion: 62 Resp: 66

Ion Ratio Lower Upper

62 100

64 0.0 22.6 33.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0

1.16

100

80

60

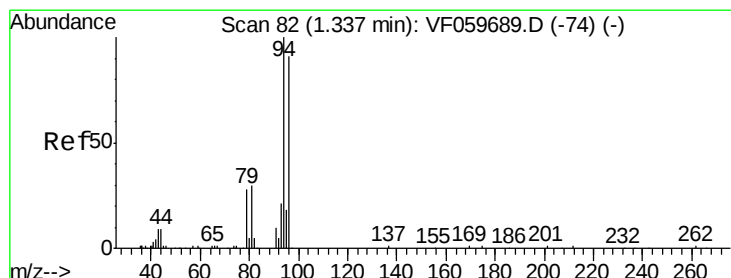
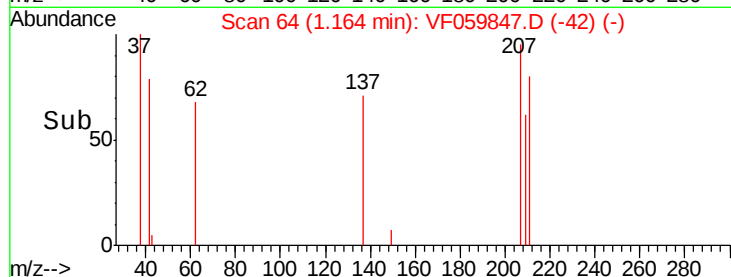
40

20

0

1.14 1.16 1.18

Time-->



#5

Bromomethane

Concen: 206.33 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.08 min

Lab File: VF059847.D

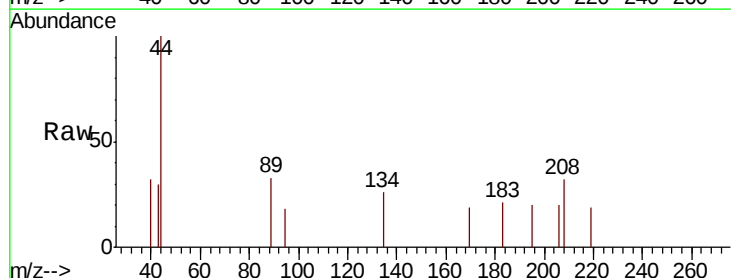
Acq: 3 Aug 2018 19:07

Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

94 100

96 0.0 73.6 110.4#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.42

150

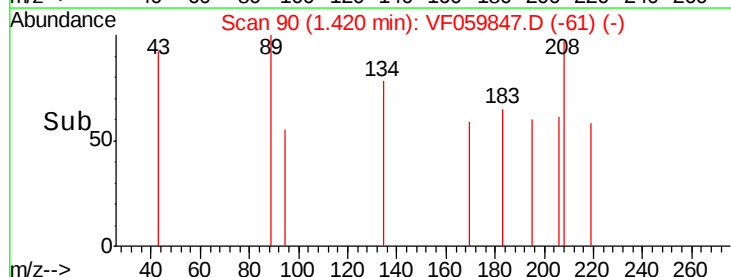
100

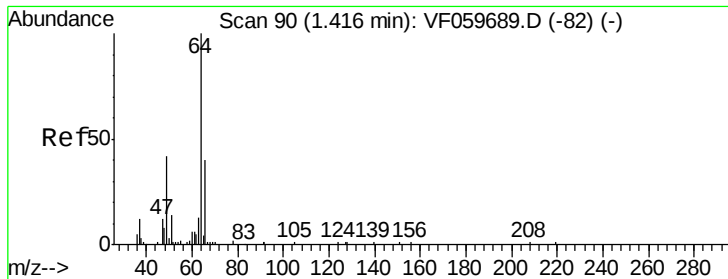
50

0

1.40 1.42 1.44

Time-->





#6

Chloroethane

Concen: 632.95 ug/l

RT: 1.31 min Scan# 79

Delta R.T. -0.10 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

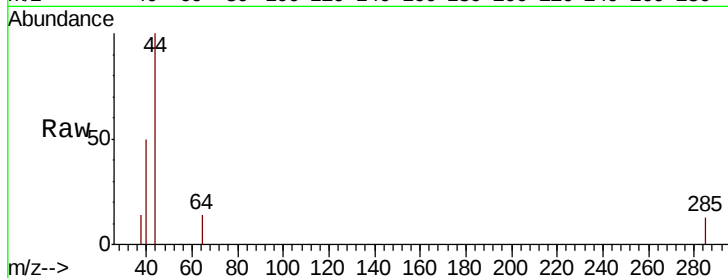
EO-03-080118-C

Tot Ion: 64 Resp: 134

Ion Ratio Lower Upper

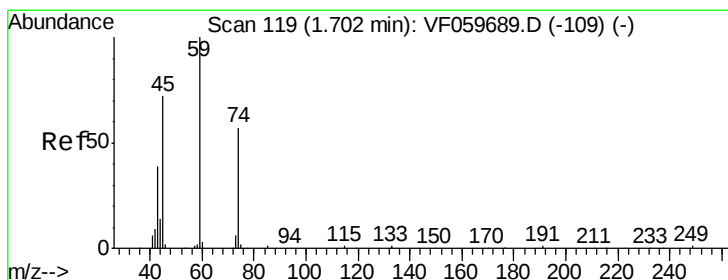
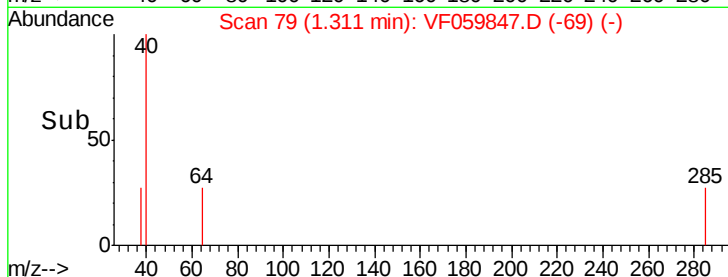
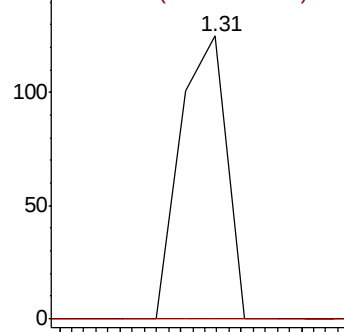
64 100

66 0.0 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#8

Diethyl Ether

Concen: 390.18 ug/l

RT: 1.64 min Scan# 112

Delta R.T. -0.07 min

Lab File: VF059847.D

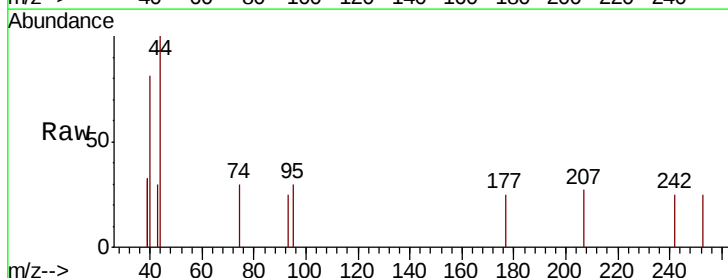
Acq: 3 Aug 2018 19:07

Tgt Ion: 74 Resp: 76

Ion Ratio Lower Upper

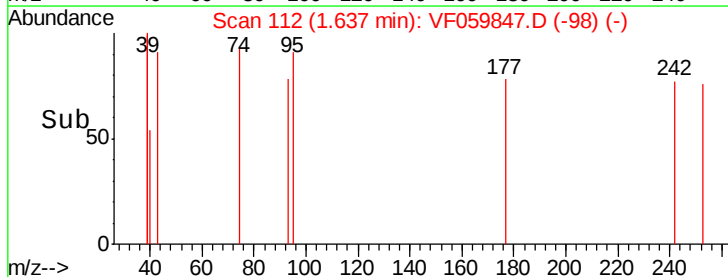
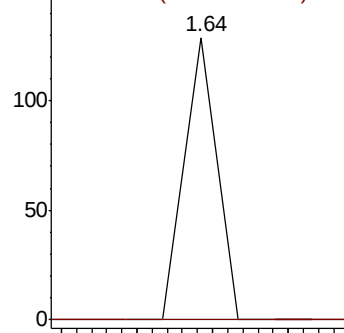
74 100

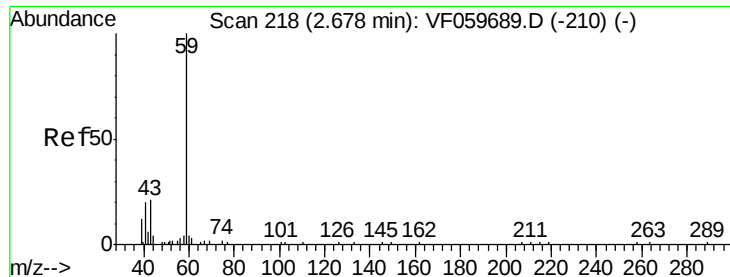
45 0.0 62.7 188.2#



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



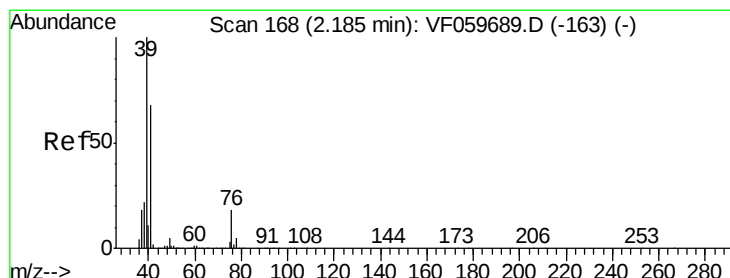
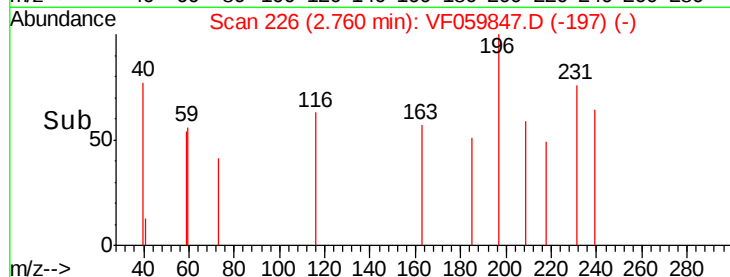
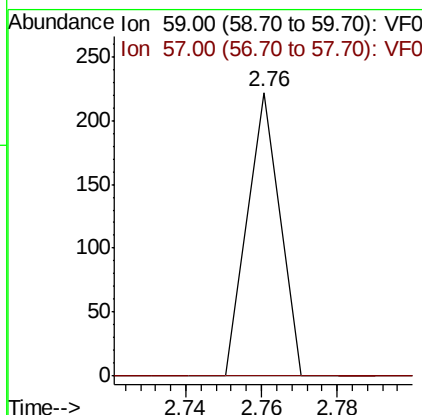
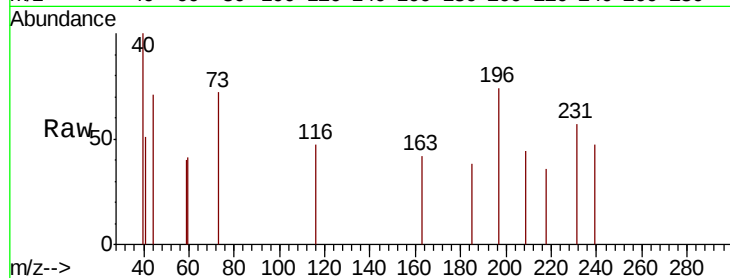


#11

Tert butyl alcohol
Concen: 2979.52 ug/l
RT: 2.76 min Scan# 226
Delta R.T. 0.08 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

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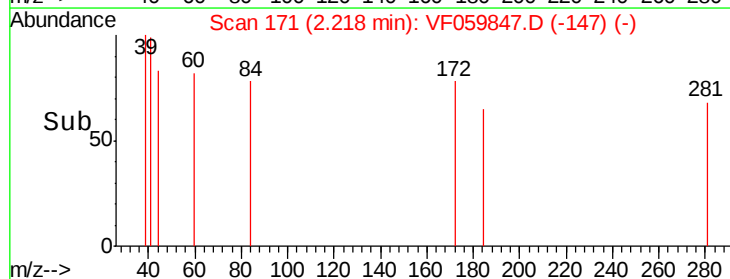
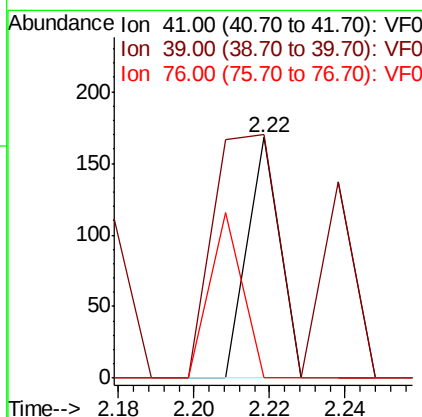
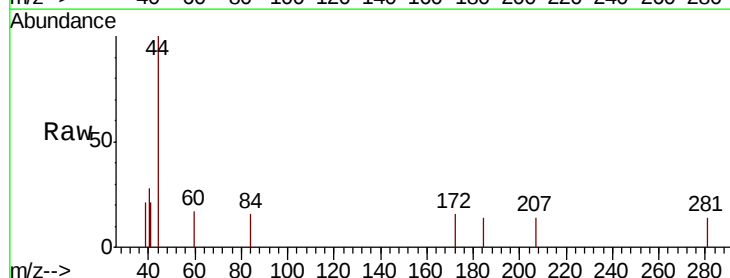
Tot Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

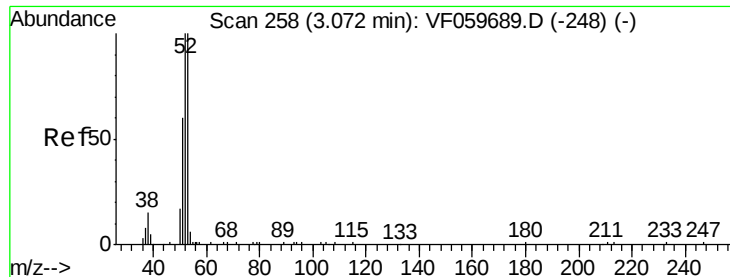


#14

Allyl chloride
Concen: 131.26 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.03 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion: 41 Resp: 99
Ion Ratio Lower Upper
41 100
39 101.2 118.1 177.1#
76 0.0 22.0 33.0#





#15

Acrylonitrile

Concen: 2018.36 ug/l

RT: 3.15 min Scan# 266

Delta R.T. 0.08 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

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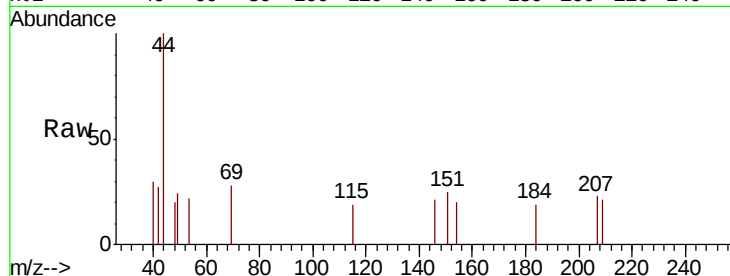
Tot Ion: 53 Resp: 143

Ion Ratio Lower Upper

53 100

52 0.0 80.3 120.5#

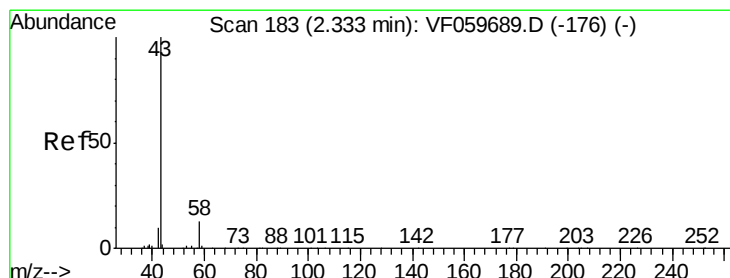
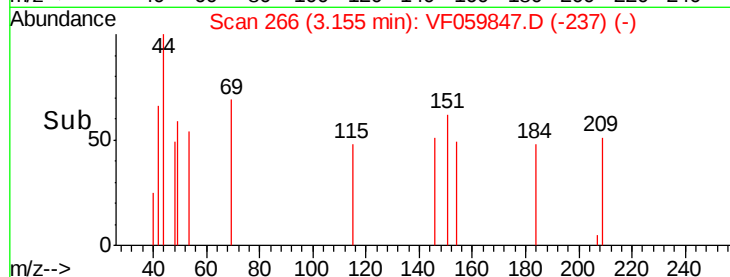
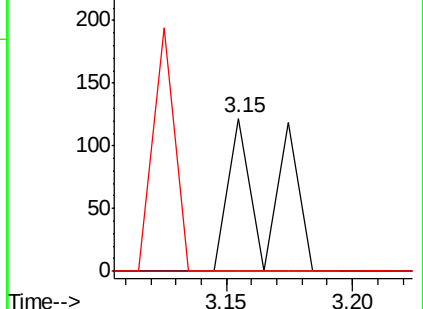
51 0.0 49.4 74.0#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 436.12 ug/l

RT: 2.39 min Scan# 188

Delta R.T. 0.05 min

Lab File: VF059847.D

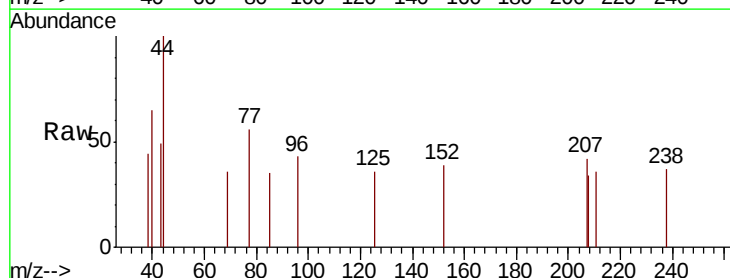
Acq: 3 Aug 2018 19:07

Tgt Ion: 43 Resp: 86

Ion Ratio Lower Upper

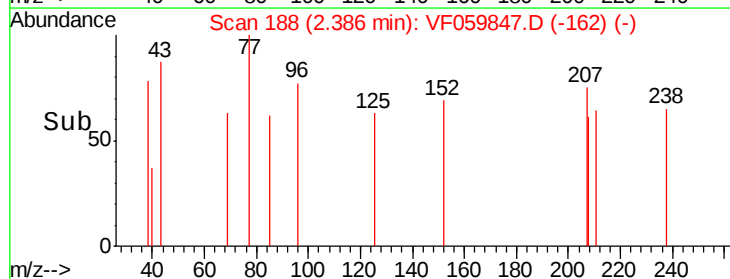
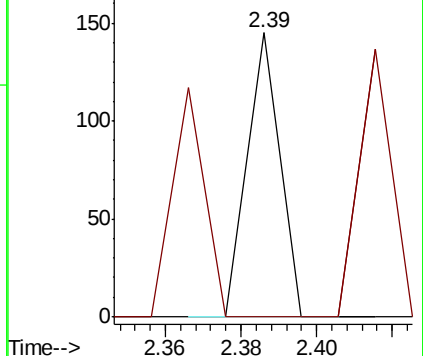
43 100

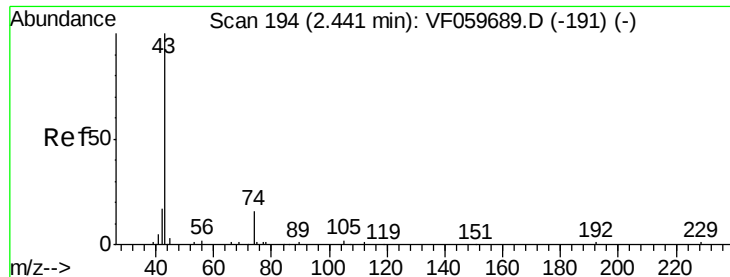
58 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

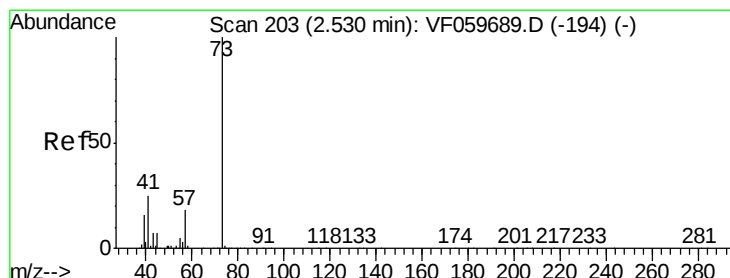
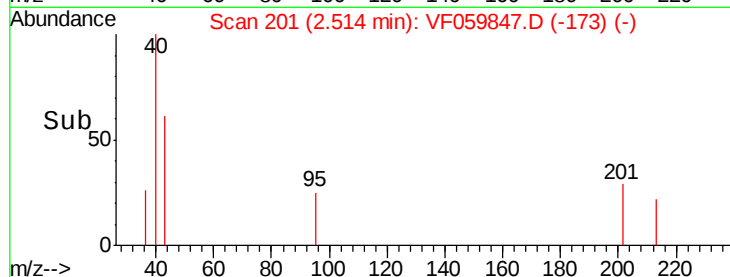
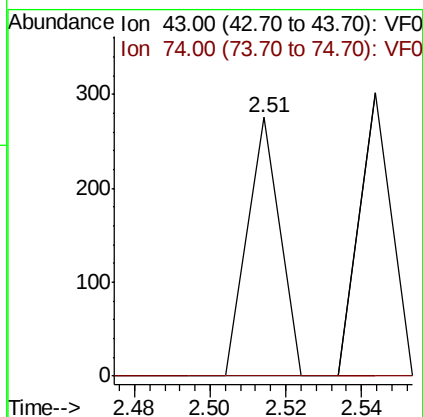
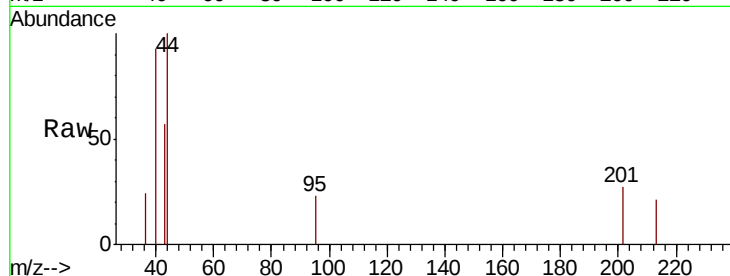




#18
Methyl Acetate
Concen: 585.74 ug/l
RT: 2.51 min Scan# 201
Delta R.T. 0.07 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

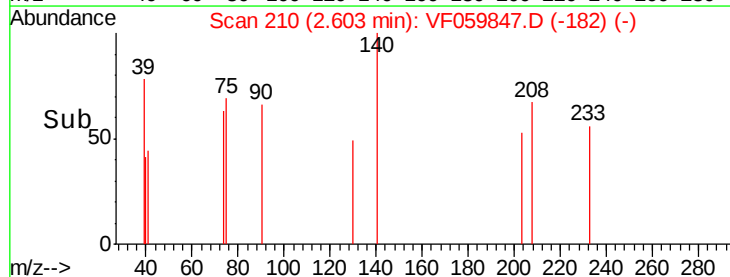
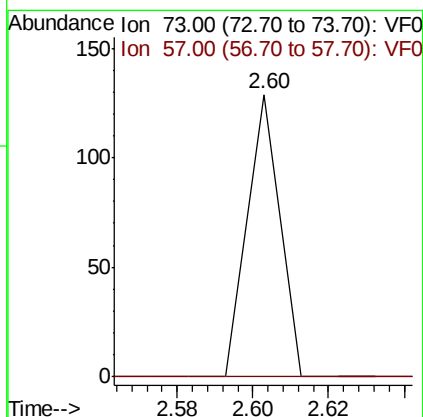
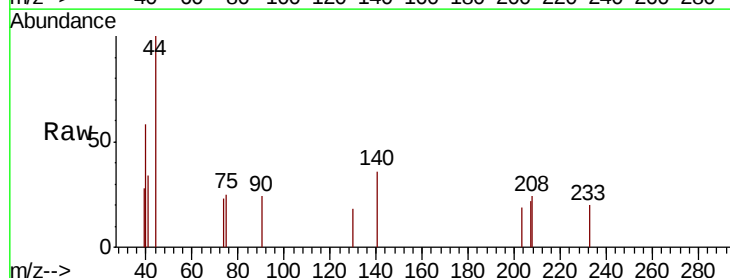
Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-C

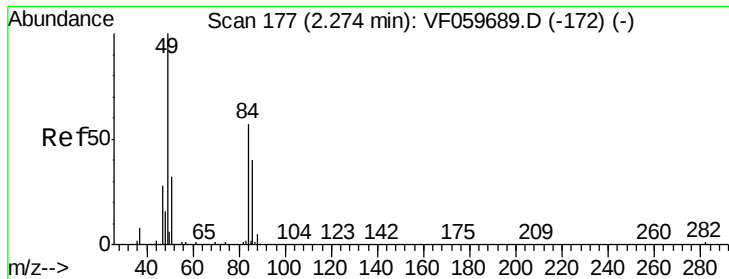
Tot Ion: 43 Resp: 163
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#



#19
Methyl tert-butyl Ether
Concen: 52.76 ug/l
RT: 2.60 min Scan# 210
Delta R.T. 0.07 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion: 73 Resp: 76
Ion Ratio Lower Upper
73 100
57 0.0 14.2 21.2#





#20

Methvlene Chloride

Concen: 243.81 ug/l

RT: 2.26 min Scan# 175

Delta R.T. -0.02 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

Tot Ion: 84 Resp: 93

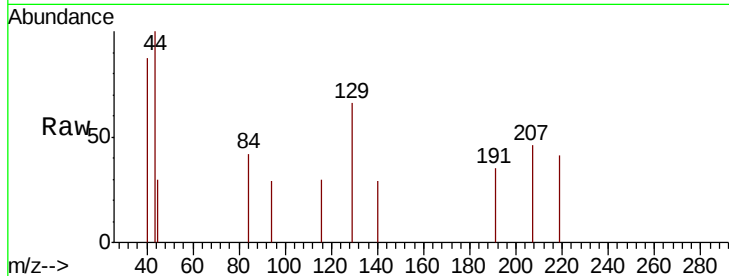
Ion Ratio Lower Upper

84 100

49 0.0 142.2 213.4#

51 0.0 46.2 69.2#

86 0.0 57.1 85.7#

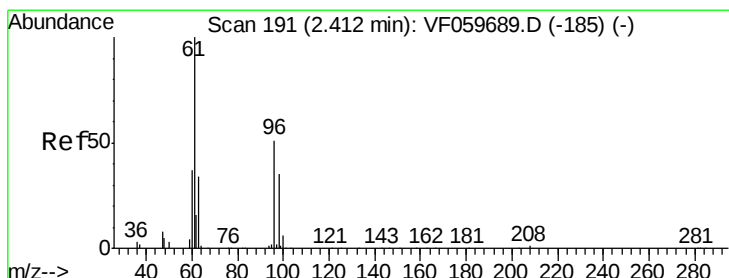
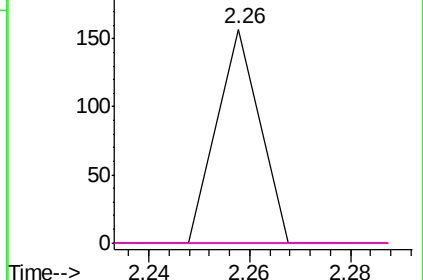
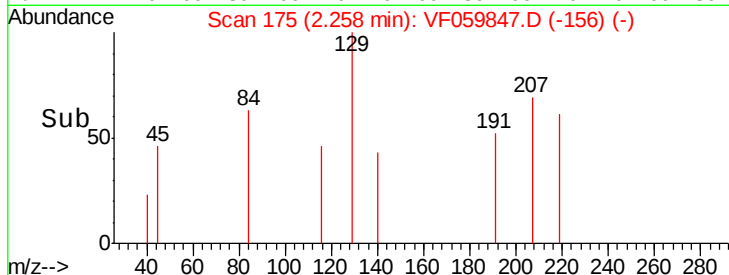


Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 190.96 ug/l

RT: 2.39 min Scan# 188

Delta R.T. -0.03 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

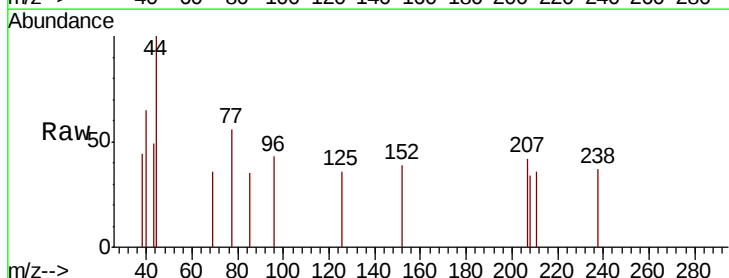
Tgt Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.0#

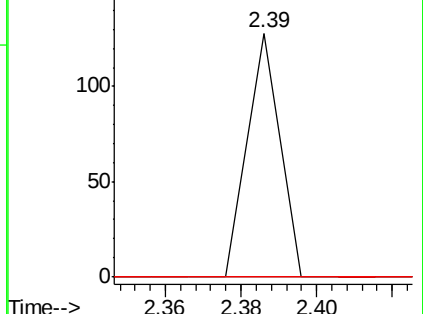
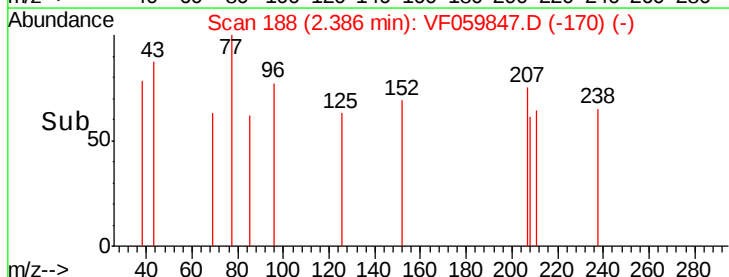
98 0.0 55.0 82.4#

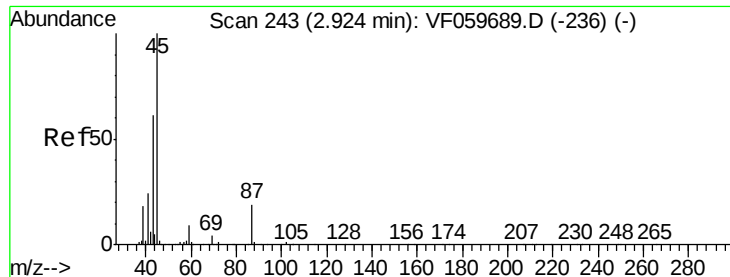


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#22

Diisopropyl ether

Concen: 58.31 ug/l

RT: 2.98 min Scan# 248

Delta R.T. 0.05 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

Tot Ion: 45 Resp: 93

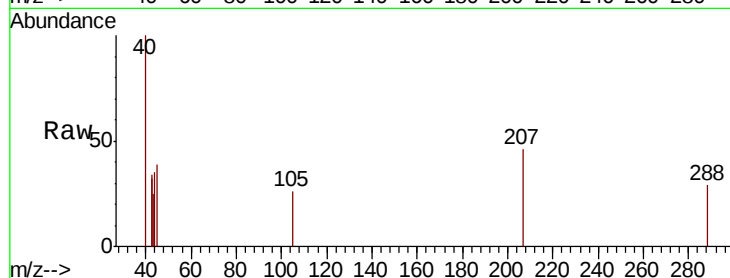
Ion Ratio Lower Upper

45 100

43 147.1 49.3 73.9#

87 0.0 15.3 22.9#

59 0.0 7.1 10.7#

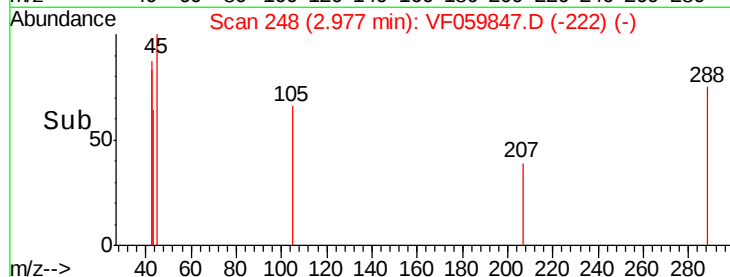
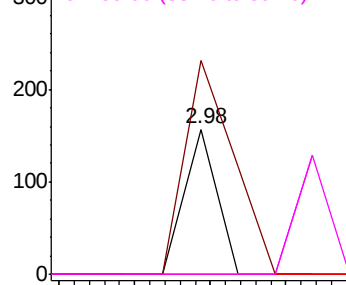


Abundance Ion 45.00 (44.70 to 45.70): VF0

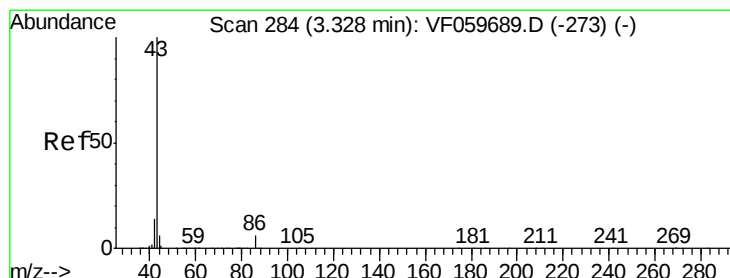
Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



Time-->



#23

Vinyl Acetate

Concen: 263.41 ug/l

RT: 3.43 min Scan# 294

Delta R.T. 0.10 min

Lab File: VF059847.D

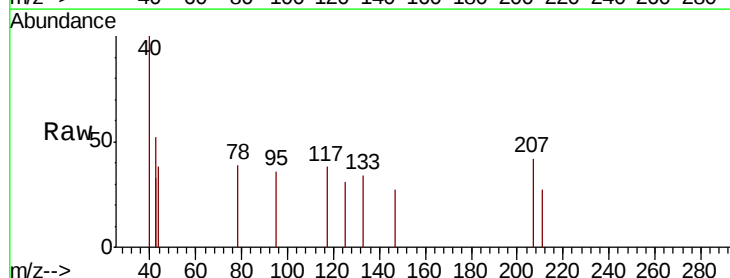
Acq: 3 Aug 2018 19:07

Tgt Ion: 43 Resp: 216

Ion Ratio Lower Upper

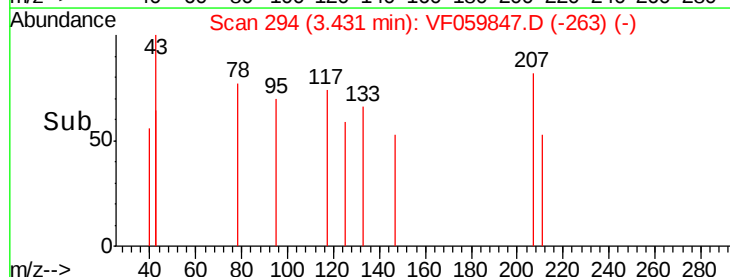
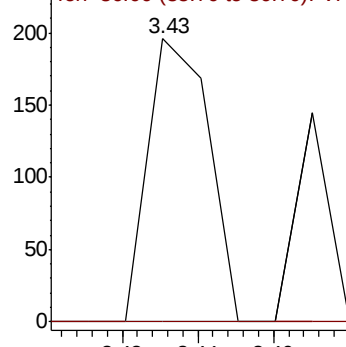
43 100

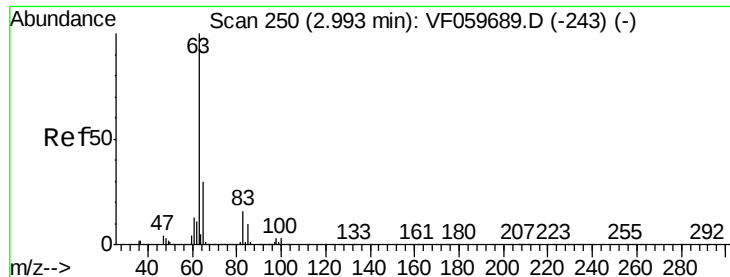
86 0.0 4.6 6.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 79.41 ug/l

RT: 3.01 min Scan# 251

Delta R.T. 0.01 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

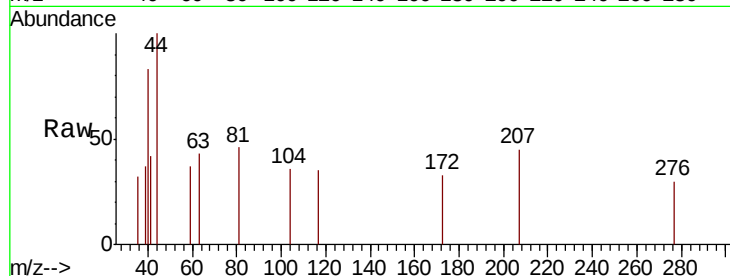
Tot Ion: 63 Resp: 88

Ion Ratio Lower Upper

63 100

98 0.0 1.4 4.2#

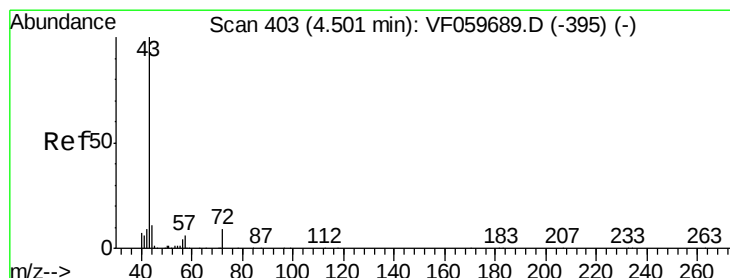
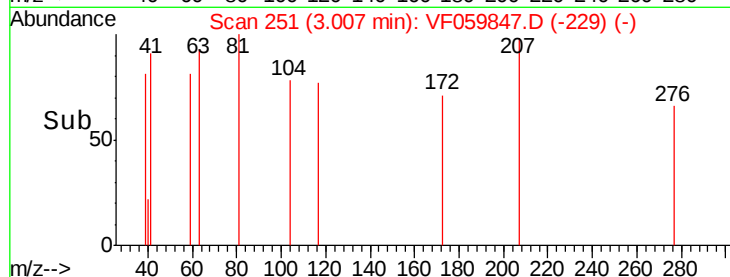
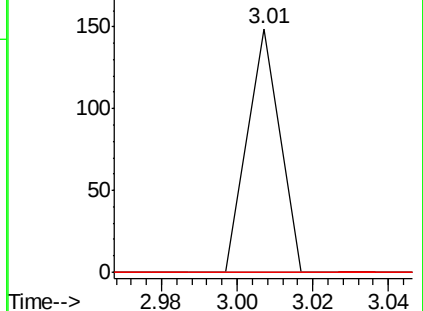
100 0.0 1.6 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#25

2-Butanone

Concen: 340.81 ug/l

RT: 4.56 min Scan# 409

Delta R.T. 0.06 min

Lab File: VF059847.D

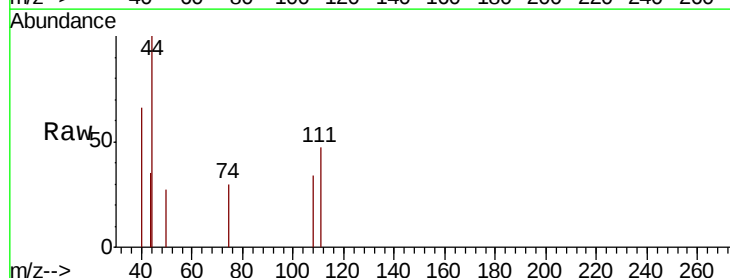
Acq: 3 Aug 2018 19:07

Tgt Ion: 43 Resp: 75

Ion Ratio Lower Upper

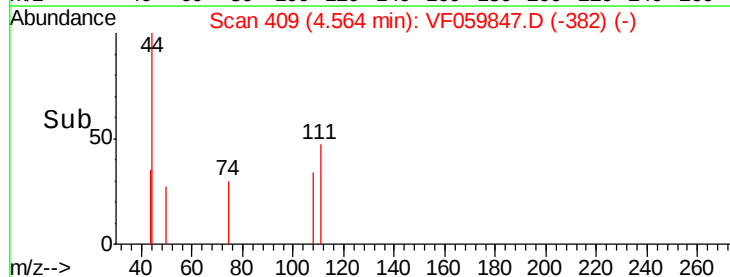
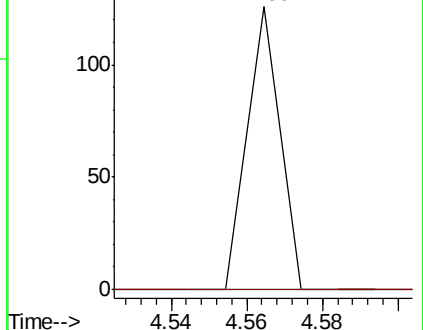
43 100

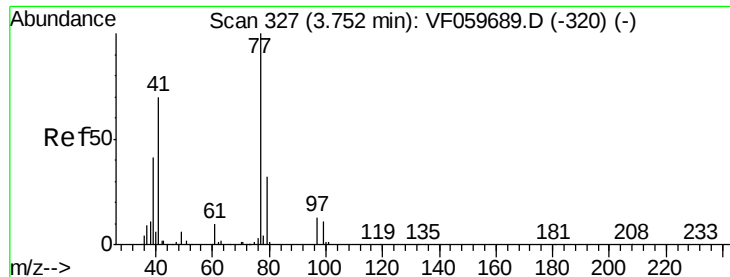
72 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 77.22 ug/l

RT: 3.84 min Scan# 336

Delta R.T. 0.09 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

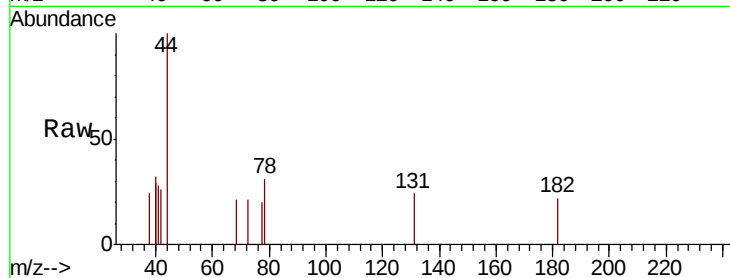
EO-03-080118-C

Tot Ion: 77 Resp: 61

Ion Ratio Lower Upper

77 100

97 0.0 6.8 20.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.84

100

80

60

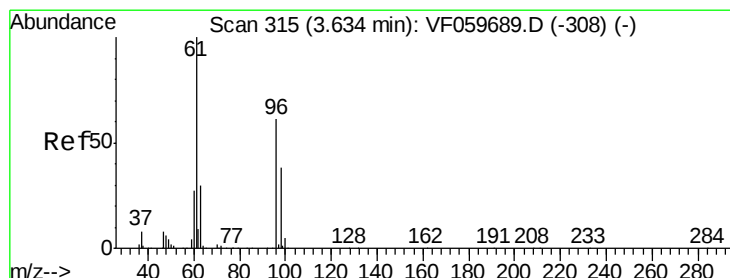
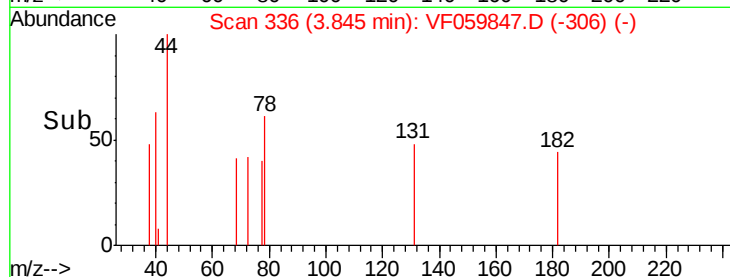
40

20

0

3.83 3.84 3.85 3.86

Time-->



#27

cis-1,2-Dichloroethene

Concen: 124.71 ug/l

RT: 3.77 min Scan# 328

Delta R.T. 0.13 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

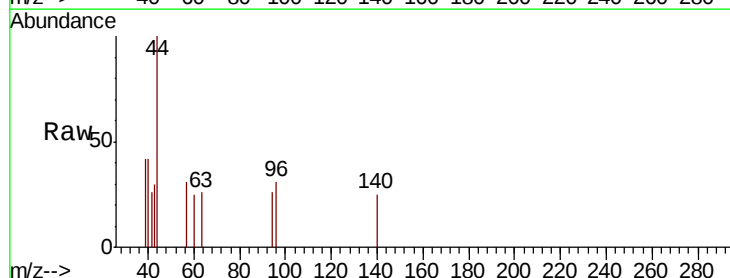
Tgt Ion: 96 Resp: 74

Ion Ratio Lower Upper

96 100

61 0.0 0.0 326.8

98 0.0 0.0 125.2



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

150

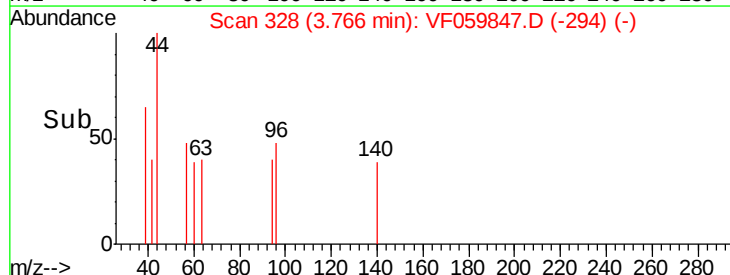
100

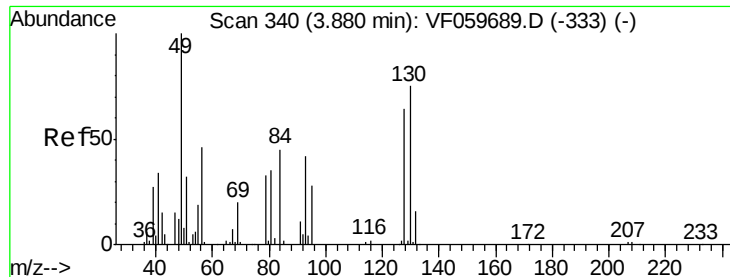
50

0

3.74 3.76 3.78

Time-->





#28

Bromochloromethane

Concen: 191.74 ug/l

RT: 3.93 min Scan# 345

Delta R.T. 0.05 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

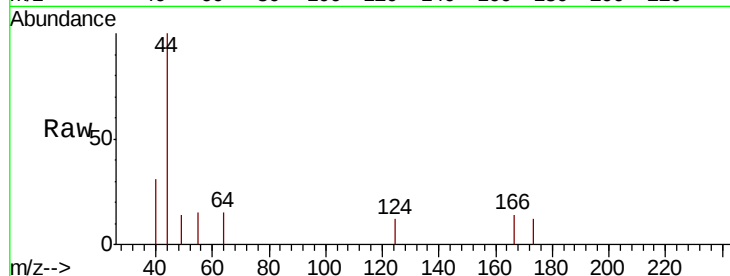
Tot Ion: 49 Resp: 69

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

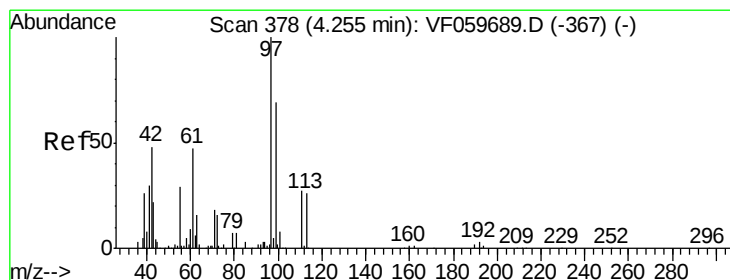
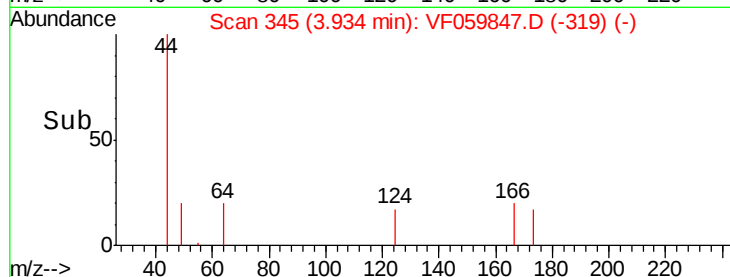
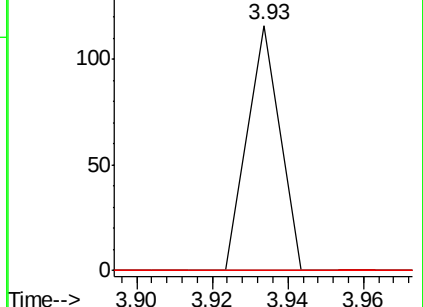
130 0.0 59.6 89.4#



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: 733.03 ug/l

RT: 4.37 min Scan# 389

Delta R.T. 0.11 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

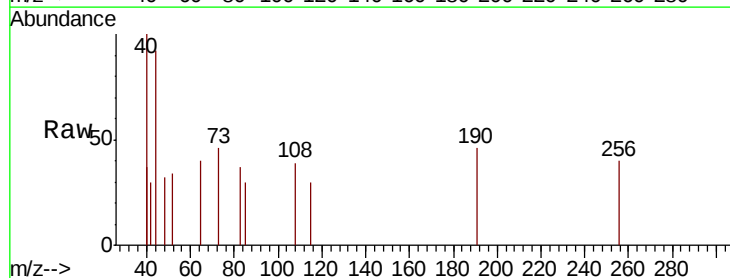
Tgt Ion: 42 Resp: 62

Ion Ratio Lower Upper

42 100

72 0.0 27.0 40.6#

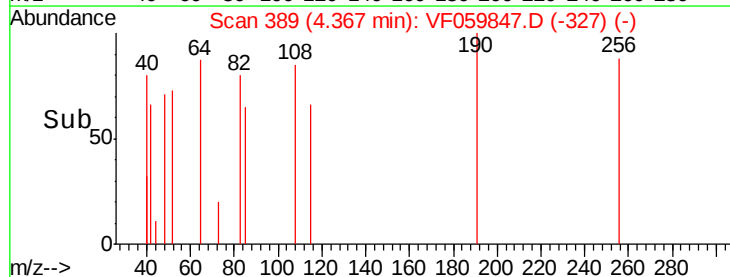
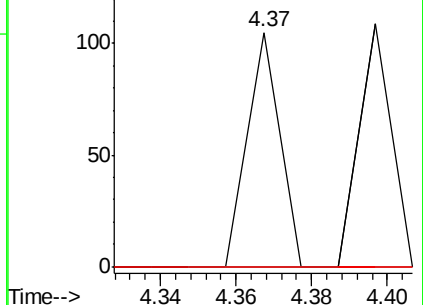
71 0.0 29.7 44.5#

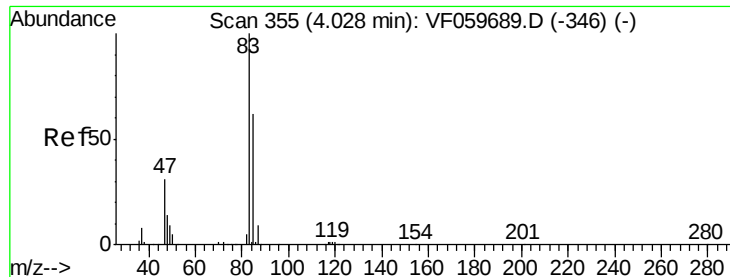


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#30

Chloroform

Concen: 39.64 ug/l

RT: 4.10 min Scan# 362

Delta R.T. 0.07 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

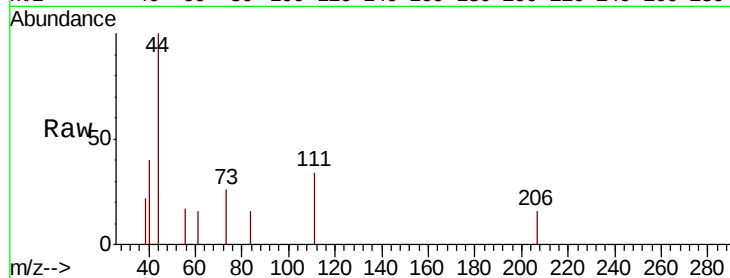
EO-03-080118-C

Tot Ion: 83 Resp: 62

Ion Ratio Lower Upper

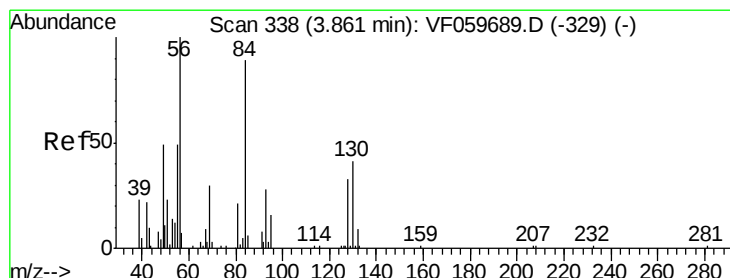
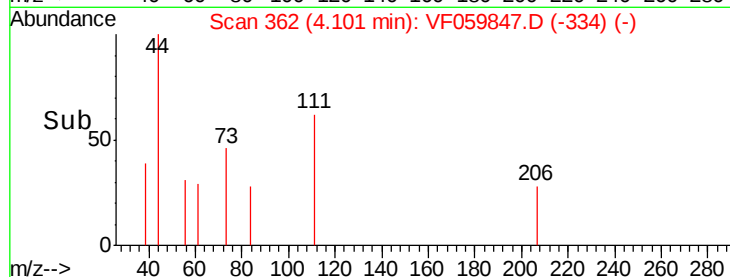
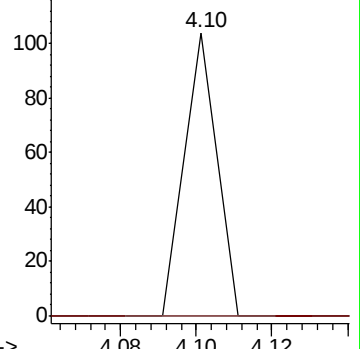
83 100

85 0.0 49.4 74.0#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#31

Cyclohexane

Concen: 269.46 ug/l

RT: 3.95 min Scan# 347

Delta R.T. 0.09 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

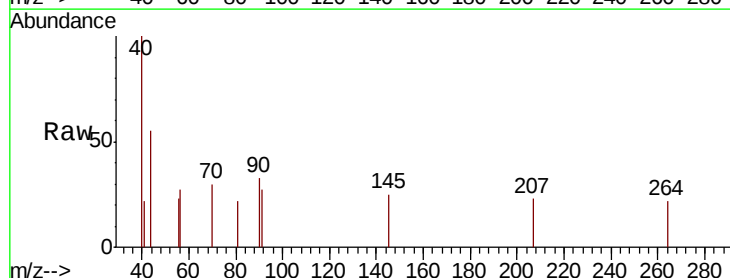
Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

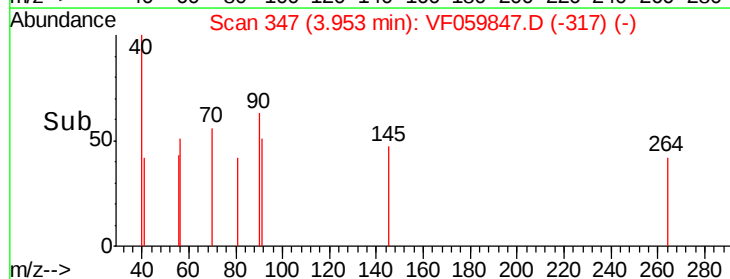
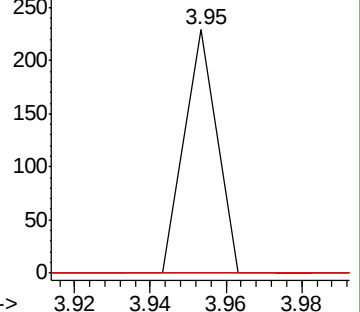
84 0.0 71.1 106.7#

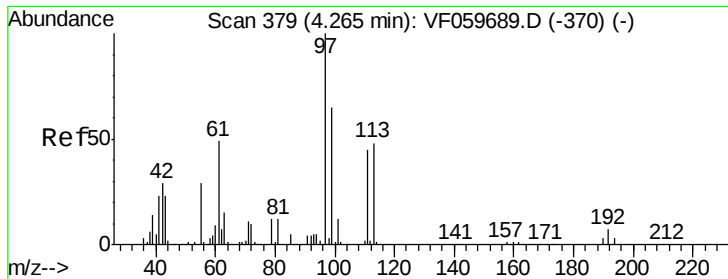


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0





#32

1,1,1-Trichloroethane

Concen: 60.18 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

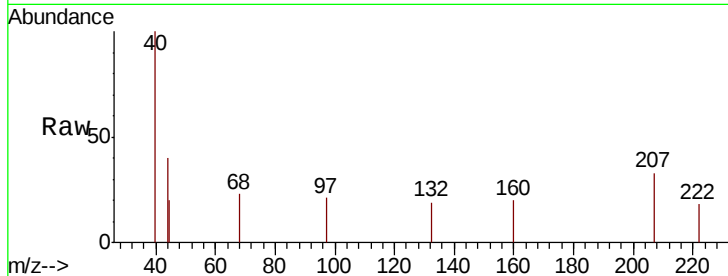
Tot Ion: 97 Resp: 73

Ion Ratio Lower Upper

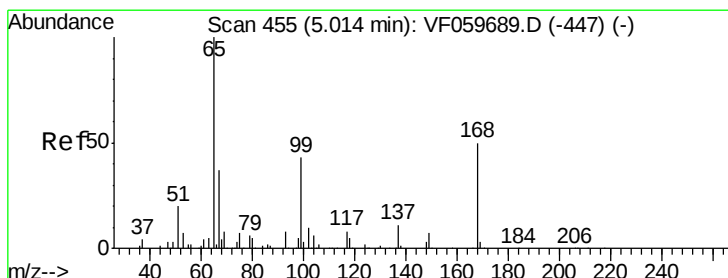
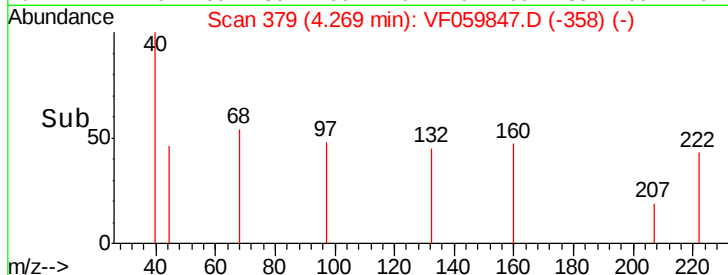
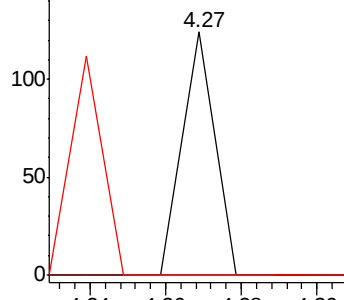
97 100

99 0.0 52.4 78.6#

61 0.0 39.7 59.5#



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: 81.18 ug/l

RT: 5.20 min Scan# 473

Delta R.T. 0.18 min

Lab File: VF059847.D

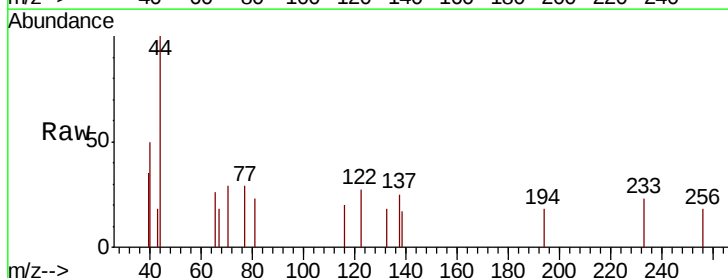
Acq: 3 Aug 2018 19:07

Tgt Ion: 65 Resp: 89

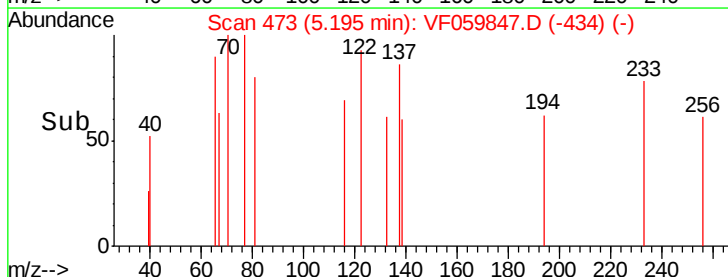
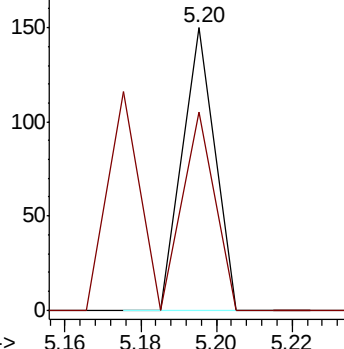
Ion Ratio Lower Upper

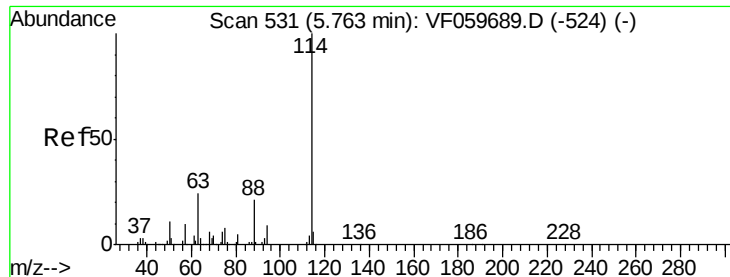
65 100

67 70.0 0.0 84.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.08 min Scan# 563

Delta R.T. 0.32 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

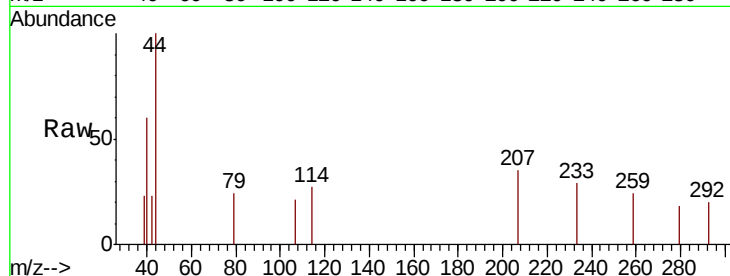
Tot Ion:114 Resp: 92

Ion Ratio Lower Upper

114 100

63 0.0 0.0 47.4

88 0.0 0.0 41.2

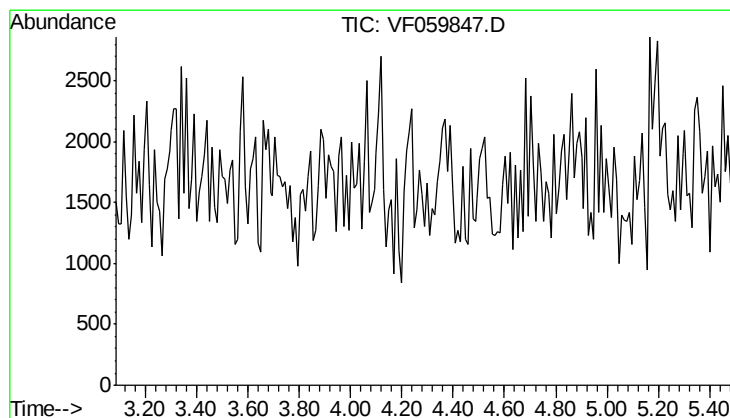
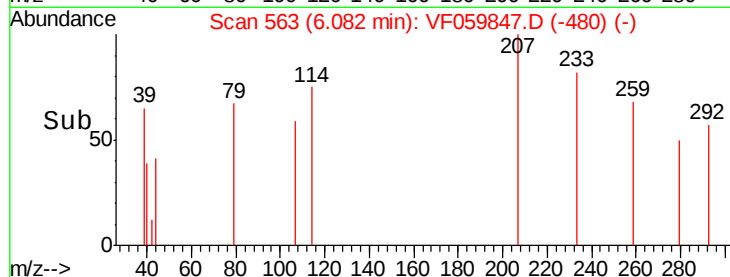
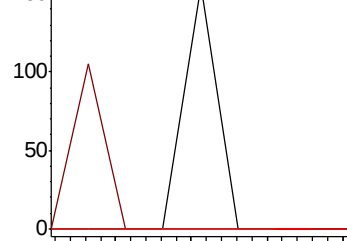


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

6.08



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.28 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

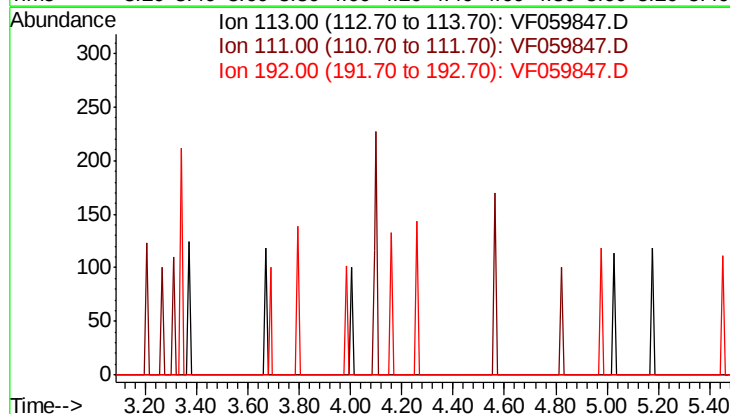
Tgt Ion: 113

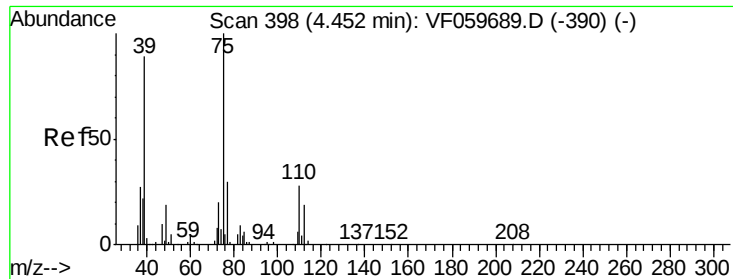
Sig Exp Ratio

113 100

111 98.7

192 16.5

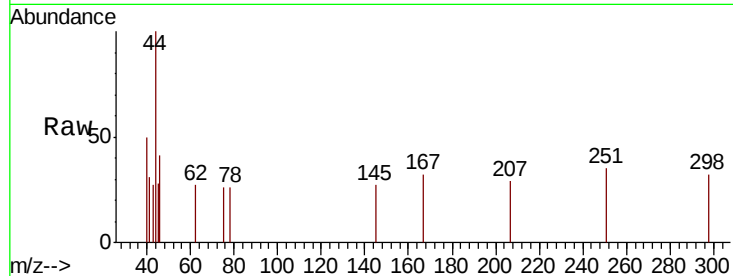




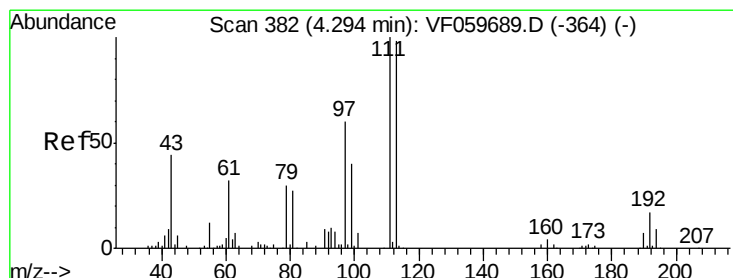
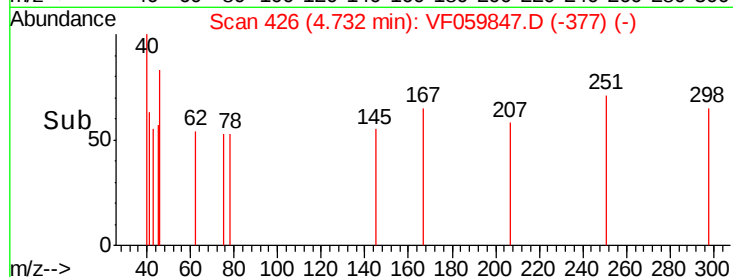
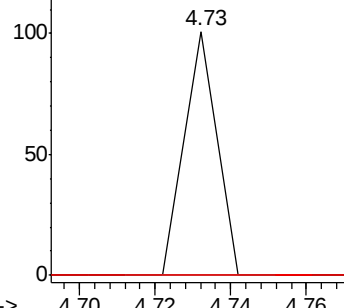
#36
 1,1-Dichloropropene
 Concen: 65.66 ug/l
 RT: 4.73 min Scan# 426
 Delta R.T. 0.28 min
 Lab File: VF059847.D
 Acq: 3 Aug 2018 19:07

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-080118-C

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.0	41.9#
77	0.0	24.2	36.2#

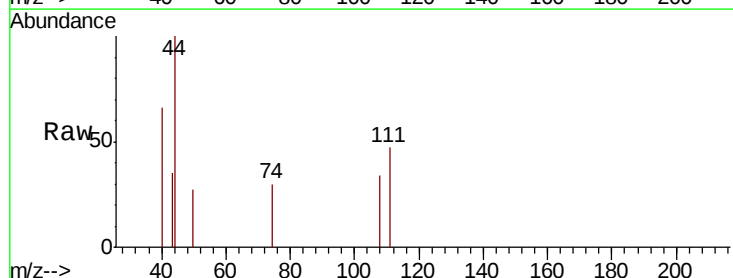


Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VF0

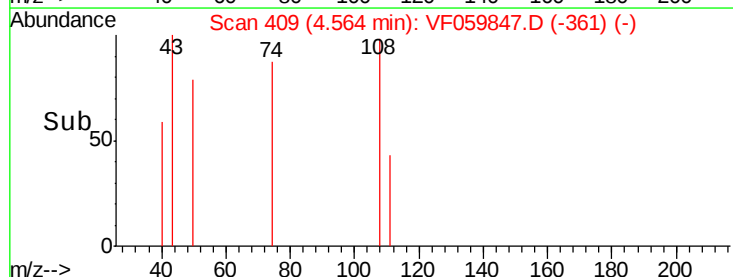
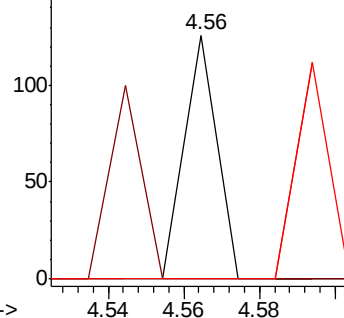


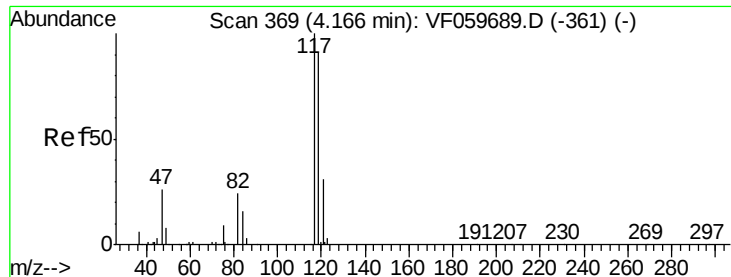
#37
 Ethyl Acetate
 Concen: 174.94 ug/l
 RT: 4.56 min Scan# 409
 Delta R.T. 0.27 min
 Lab File: VF059847.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	58.2	87.2#
70	0.0	6.0	9.0#



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





#38

Carbon Tetrachloride

Concen: 66.31 ug/l

RT: 4.41 min Scan# 393

Delta R.T. 0.24 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

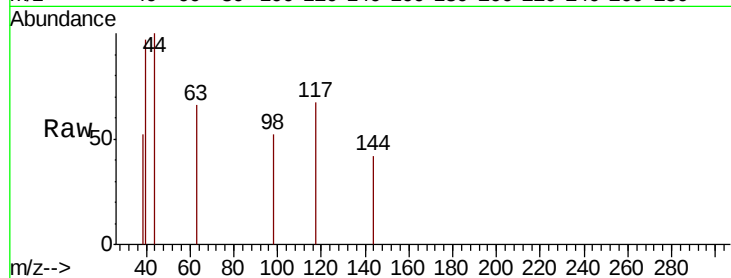
Tot Ion:117 Resp: 97

Ion Ratio Lower Upper

117 100

119 0.0 72.9 109.3#

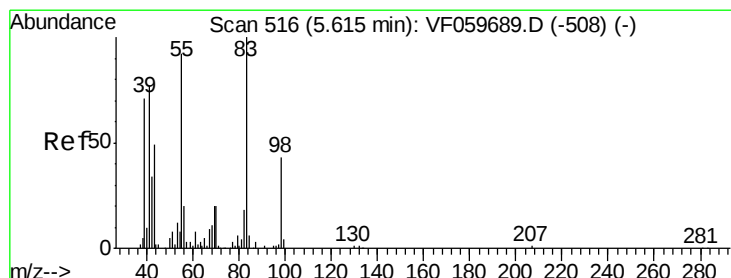
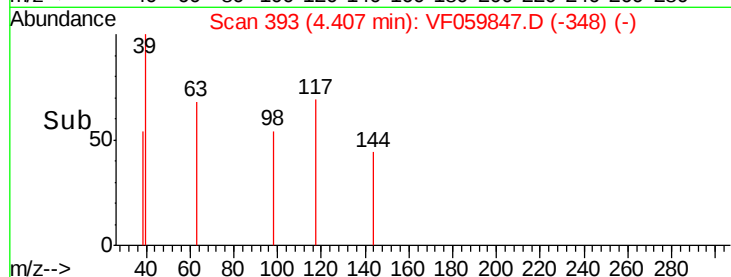
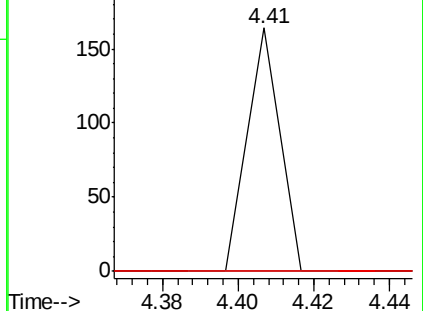
121 0.0 25.0 37.4#



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



#39

Methylcyclohexane

Concen: 103.19 ug/l

RT: 5.96 min Scan# 551

Delta R.T. 0.35 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

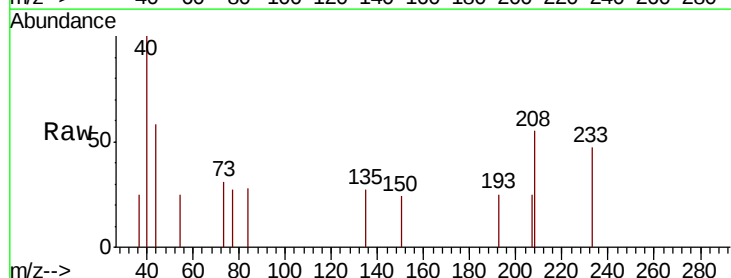
Tgt Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

55 0.0 73.4 110.2#

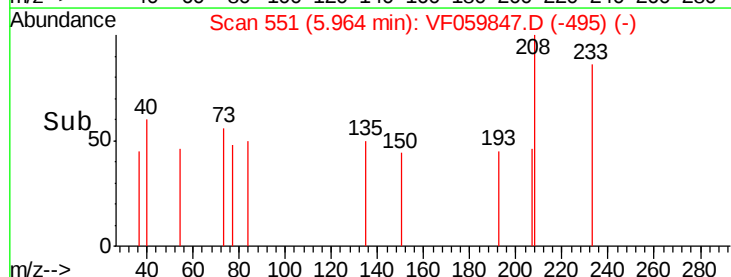
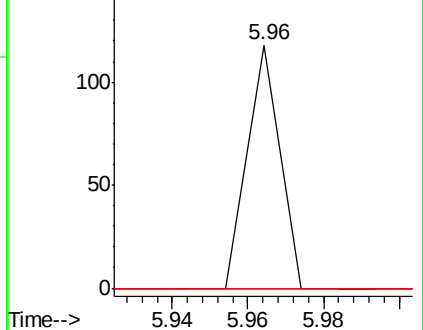
98 0.0 34.2 51.4#

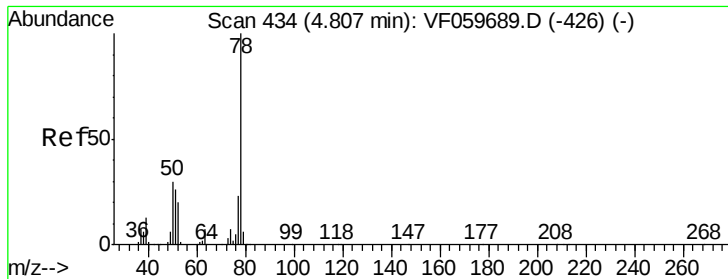


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 41.98 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.23 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

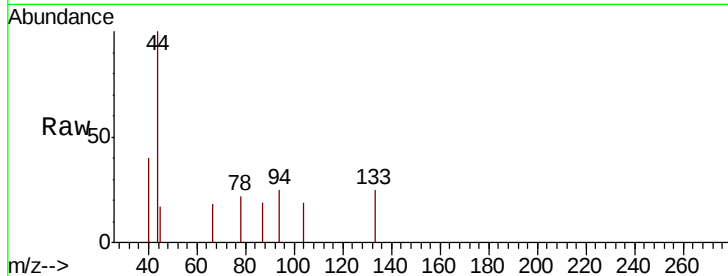
EO-03-080118-C

Tot Ion: 78 Resp: 78

Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

5.04

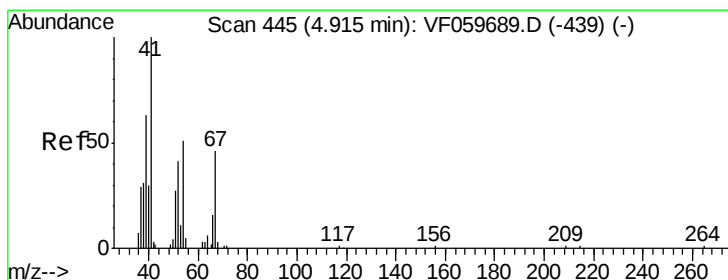
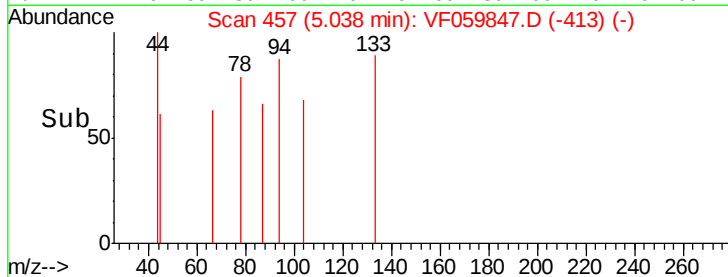
150

100

50

0

Time--> 5.00 5.02 5.04 5.06



#41

Methacrylonitrile

Concen: 376.73 ug/l

RT: 5.21 min Scan# 474

Delta R.T. 0.29 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Tgt Ion: 41 Resp: 83

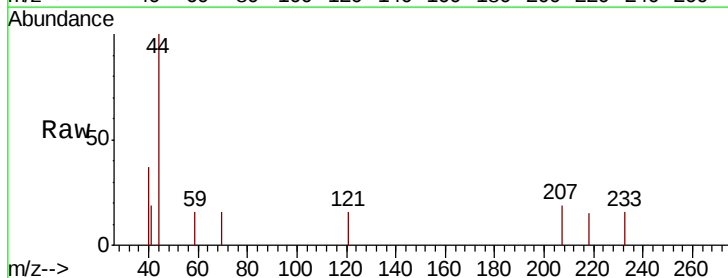
Ion Ratio Lower Upper

41 100

39 0.0 55.2 82.8#

67 0.0 36.2 54.2#

52 0.0 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

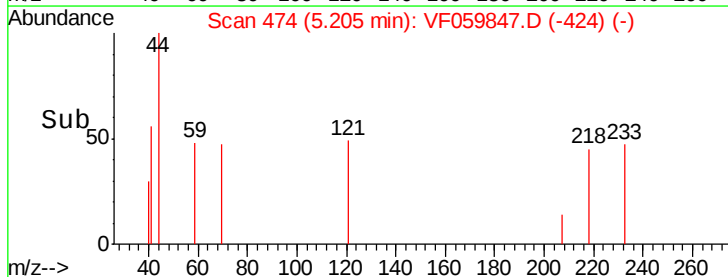
300

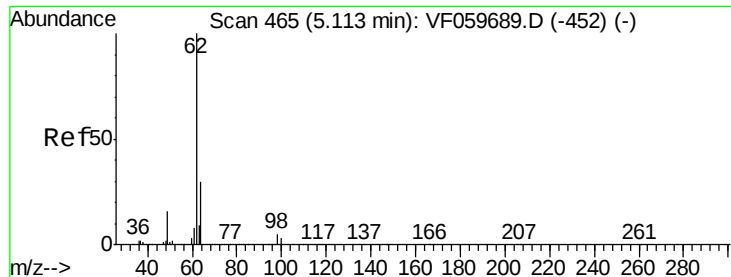
200

100

0

Time--> 5.18 5.20 5.22





#42

1,2-Dichloroethane

Concen: 61.53 ug/l

RT: 5.22 min Scan# 476

Delta R.T. 0.11 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

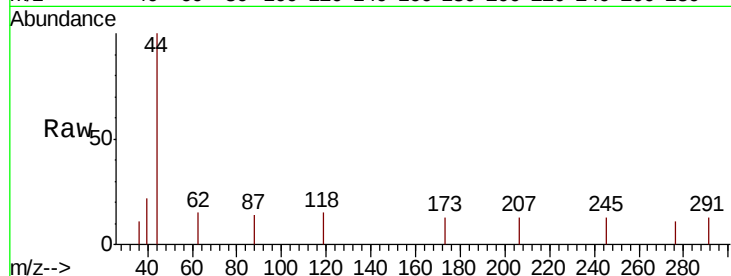
EO-03-080118-C

Tot Ion: 62 Resp: 80

Ion Ratio Lower Upper

62 100

98 0.0 0.0 9.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

5.22

150

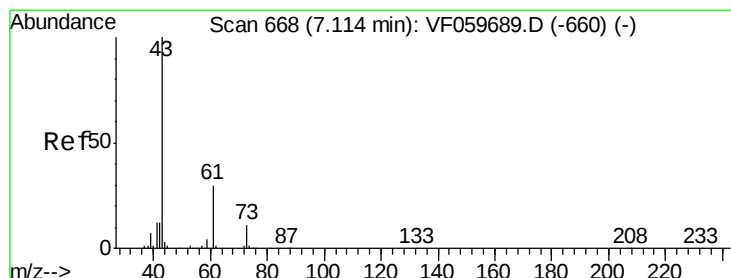
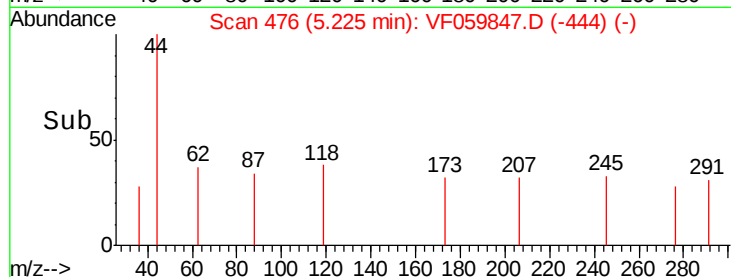
100

50

0

5.22 5.24

Time-->



#43

Isopropyl Acetate

Concen: 299.94 ug/l

RT: 7.51 min Scan# 708

Delta R.T. 0.40 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

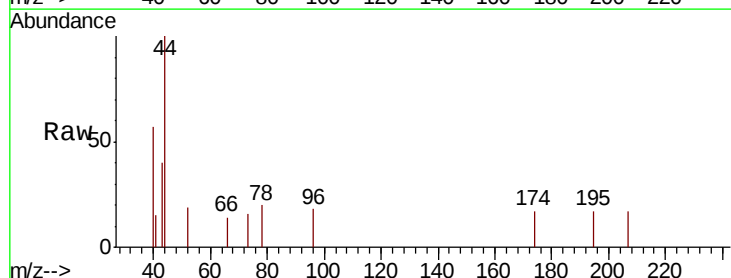
Tgt Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

87 0.0 0.6 1.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

300

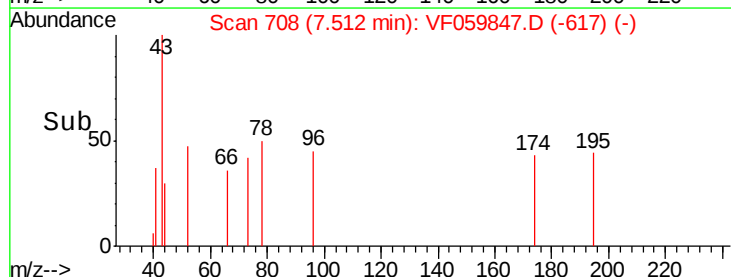
200

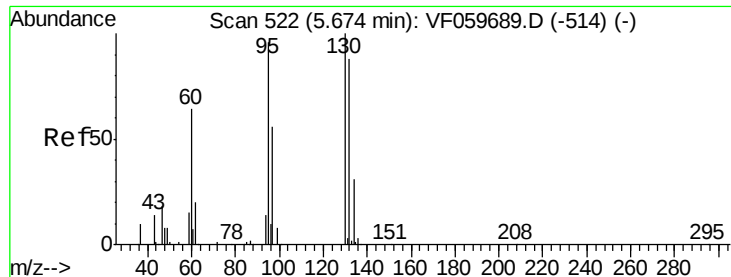
100

0

7.48 7.50 7.52 7.54

Time-->





#44

Trichloroethene

Concen: 121.46 ug/l

RT: 6.11 min Scan# 566

Delta R.T. 0.44 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

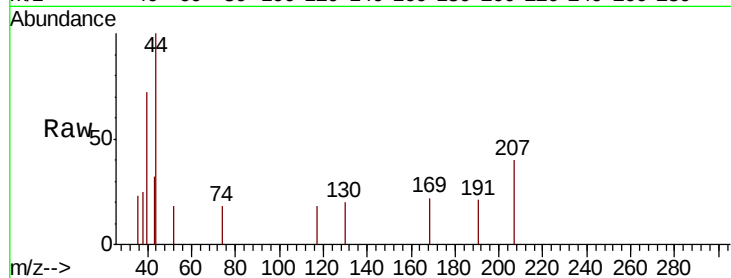
EO-03-080118-C

Tot Ion:130 Resp: 71

Ion Ratio Lower Upper

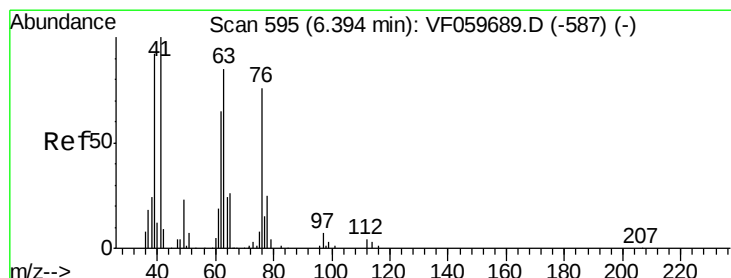
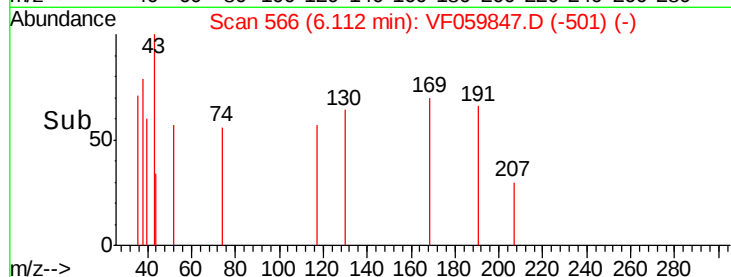
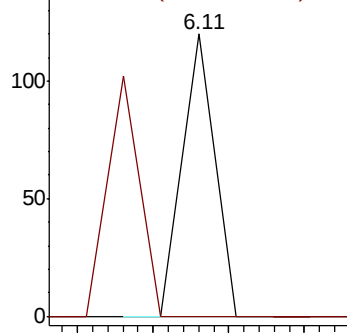
130 100

95 0.0 0.0 191.0



Abundance Ion 129.90 (129.60 to 130.60): VF0

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 175.28 ug/l

RT: 6.78 min Scan# 634

Delta R.T. 0.39 min

Lab File: VF059847.D

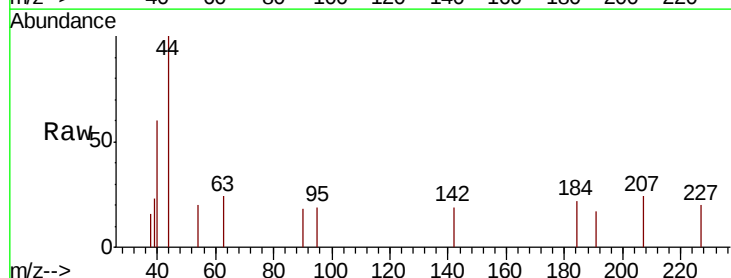
Acq: 3 Aug 2018 19:07

Tgt Ion: 63 Resp: 86

Ion Ratio Lower Upper

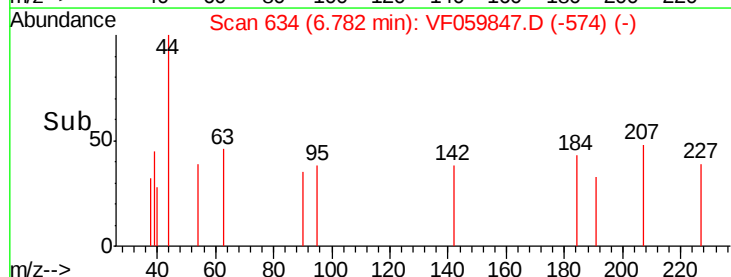
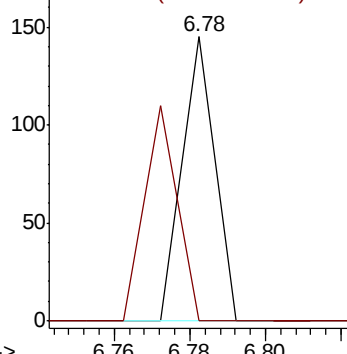
63 100

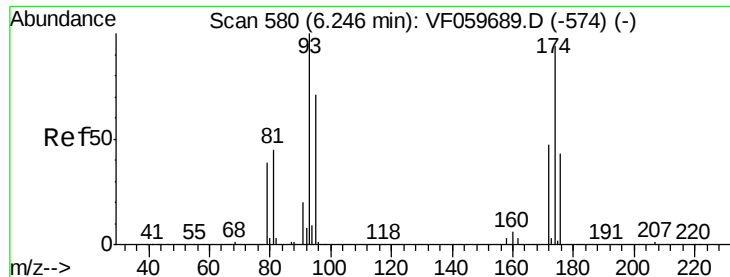
65 0.0 25.2 37.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0





#46

Dibromomethane

Concen: 178.18 ug/l

RT: 6.68 min Scan# 624

Delta R.T. 0.44 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

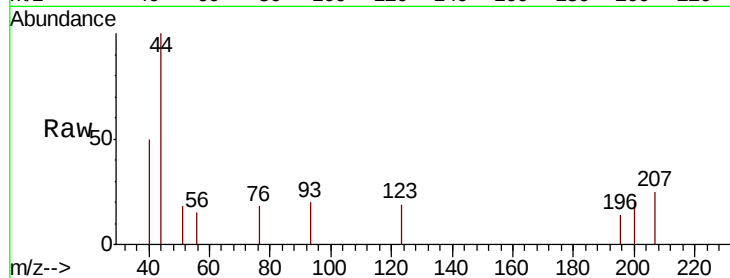
Tot Ion: 93 Resp: 83

Ion Ratio Lower Upper

93 100

95 0.0 57.1 85.7#

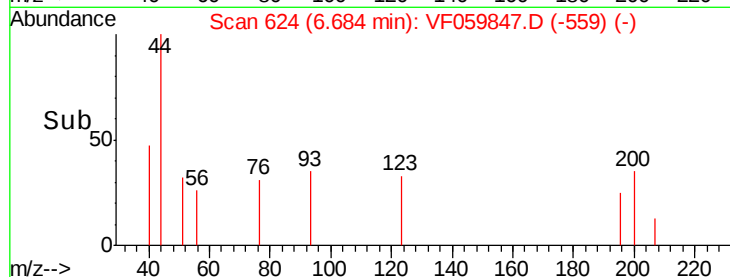
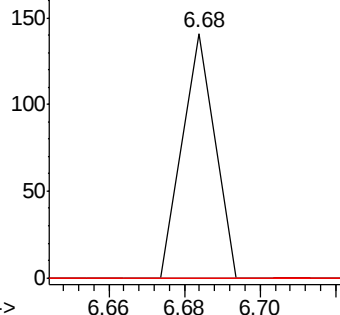
174 0.0 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



#47

Bromodichloromethane

Concen: 47.30 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.36 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

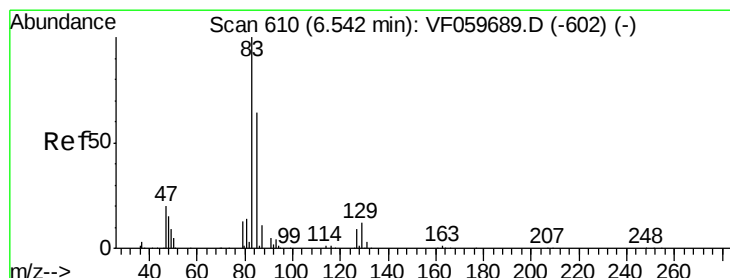
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.6#

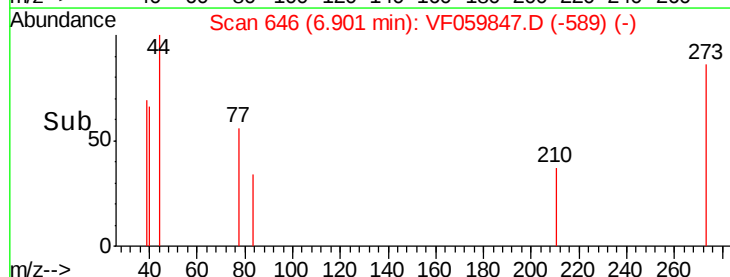
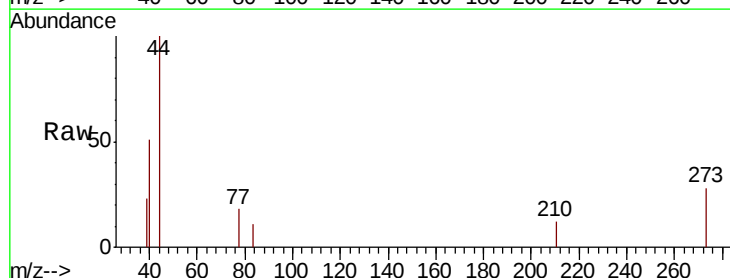
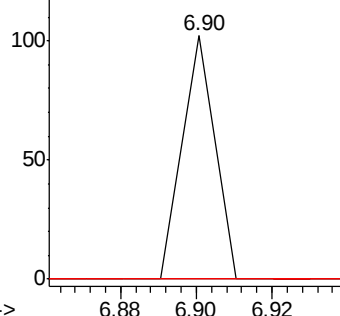
127 0.0 7.3 10.9#

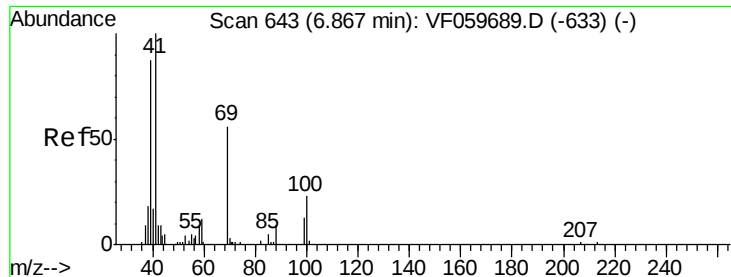


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V





#48

Methyl methacrylate

Concen: 971.52 ug/l

RT: 7.27 min Scan# 683

Delta R.T. 0.40 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

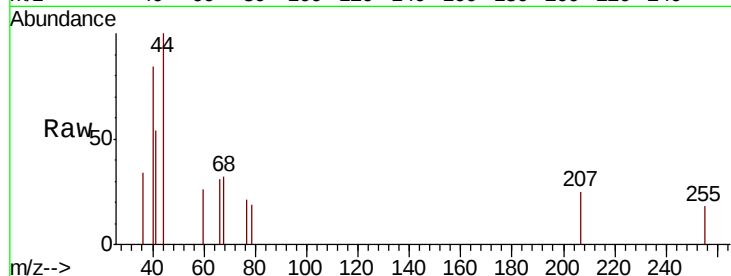
Tot Ion: 41 Resp: 402

Ion Ratio Lower Upper

41 100

69 0.0 44.4 66.6#

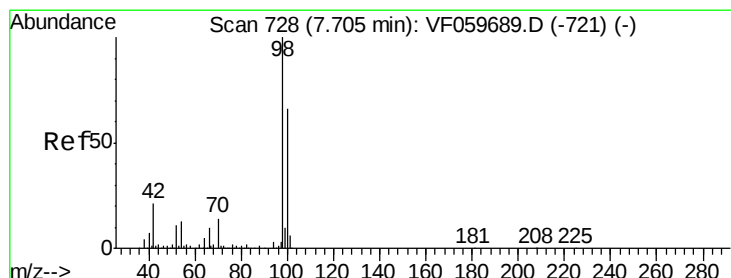
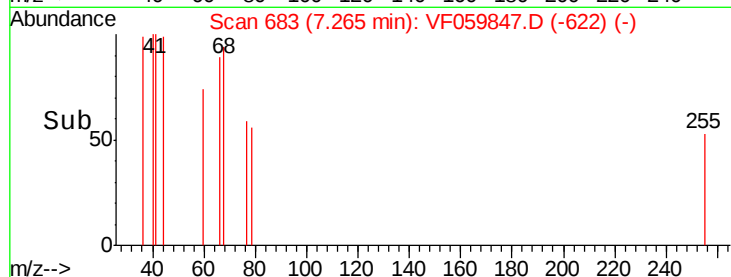
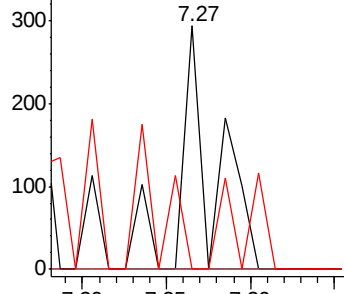
39 0.0 69.4 104.2#



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



#50

Toluene-d8

Concen: 26.93 ug/l

RT: 8.24 min Scan# 782

Delta R.T. 0.54 min

Lab File: VF059847.D

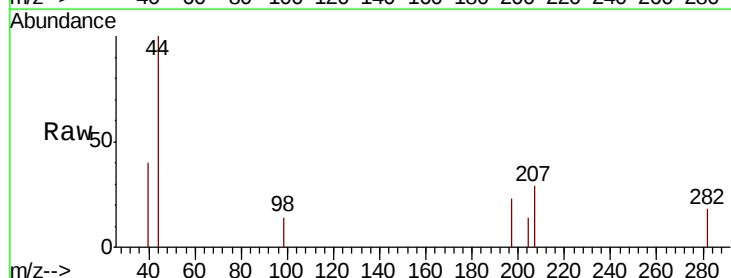
Acq: 3 Aug 2018 19:07

Tgt Ion: 98 Resp: 60

Ion Ratio Lower Upper

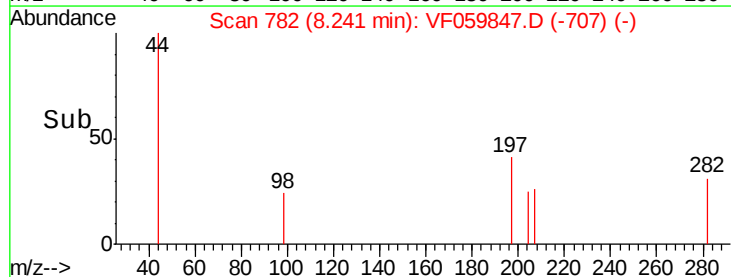
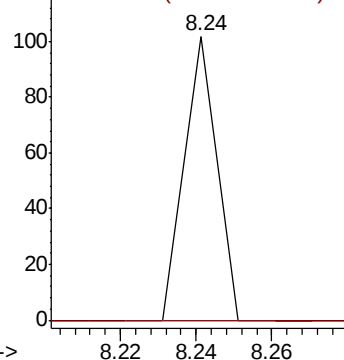
98 100

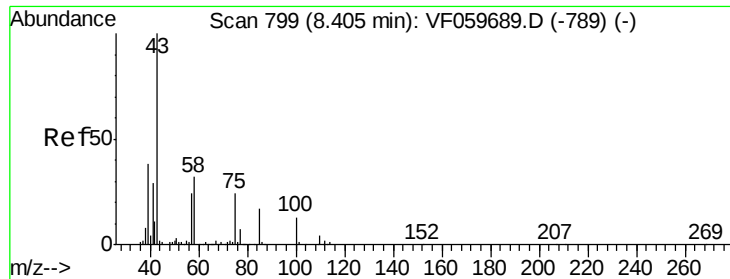
100 0.0 52.8 79.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 315.43 ug/l

RT: 8.86 min Scan# 845

Delta R.T. 0.46 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

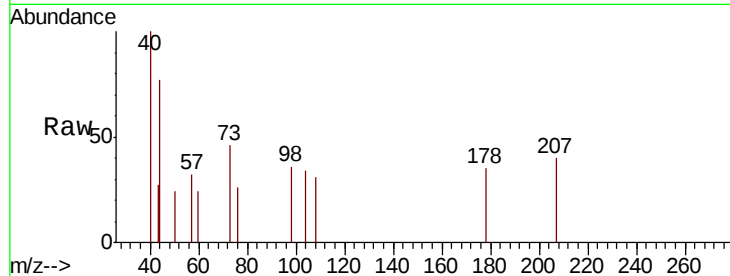
EO-03-080118-C

Tot Ion: 43 Resp: 132

Ion Ratio Lower Upper

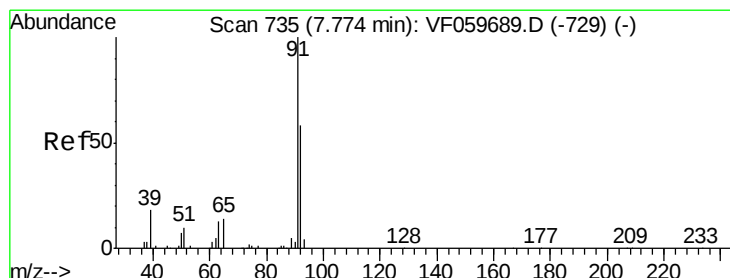
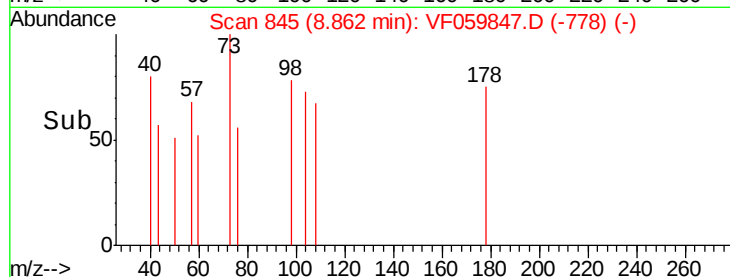
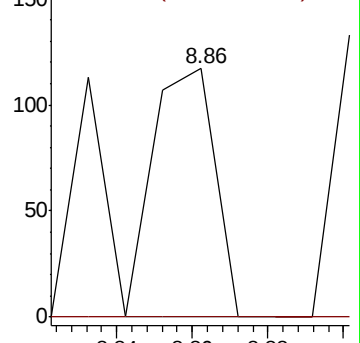
43 100

58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 50.99 ug/l

RT: 8.23 min Scan# 781

Delta R.T. 0.46 min

Lab File: VF059847.D

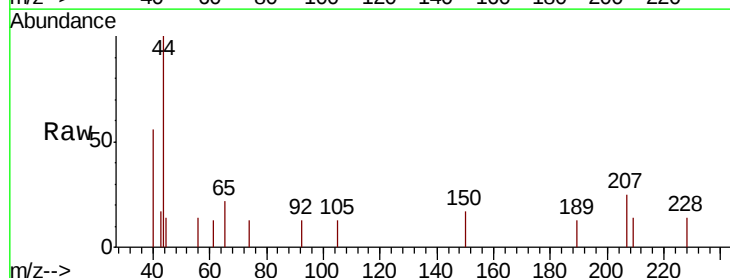
Acq: 3 Aug 2018 19:07

Tgt Ion: 92 Resp: 63

Ion Ratio Lower Upper

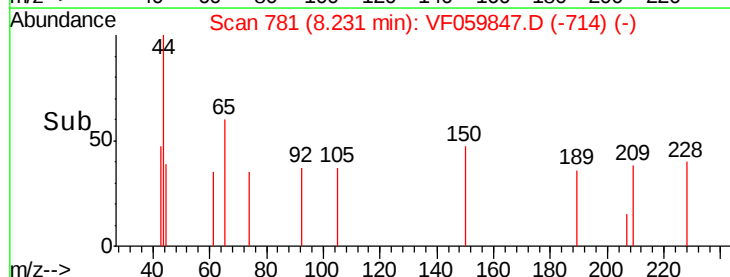
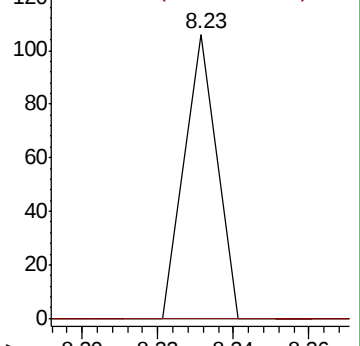
92 100

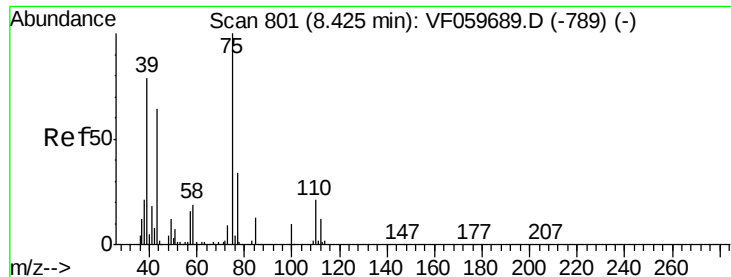
91 0.0 139.0 208.4#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 82.67 ug/l

RT: 8.79 min Scan# 838

Delta R.T. 0.37 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

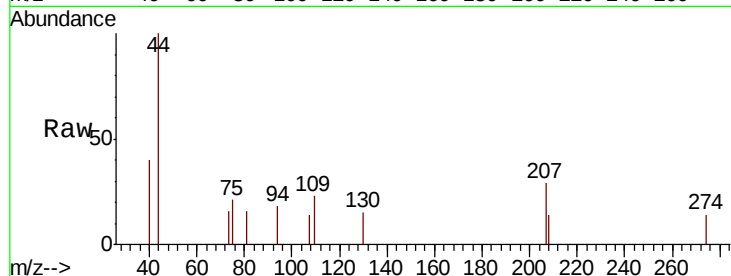
EO-03-080118-C

Tot Ion: 75 Resp: 91

Ion Ratio Lower Upper

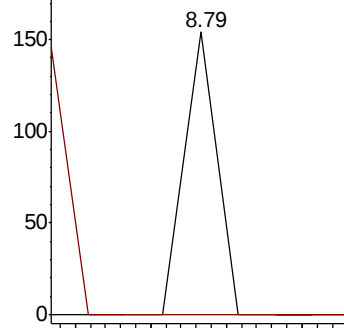
75 100

77 0.0 27.0 40.4#

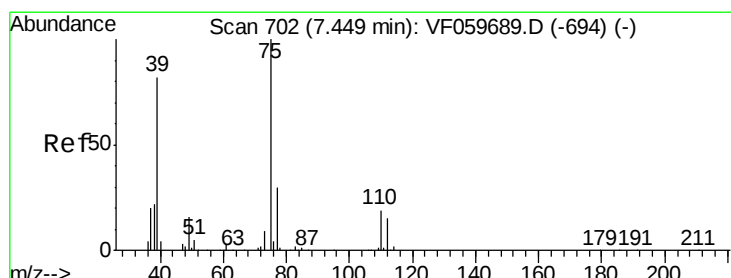
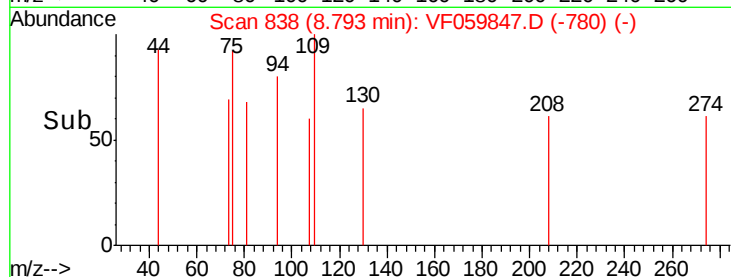


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 78.79 ug/l

RT: 7.96 min Scan# 753

Delta R.T. 0.51 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

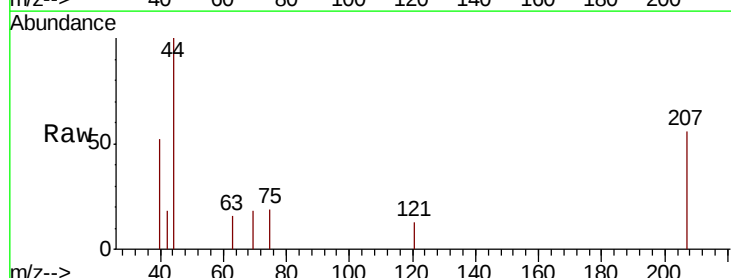
Tgt Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

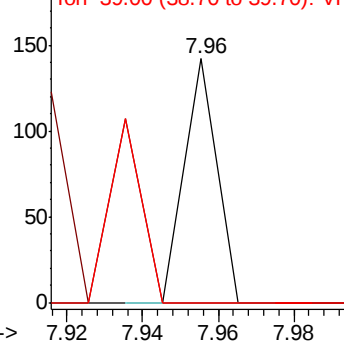
39 0.0 65.4 98.2#



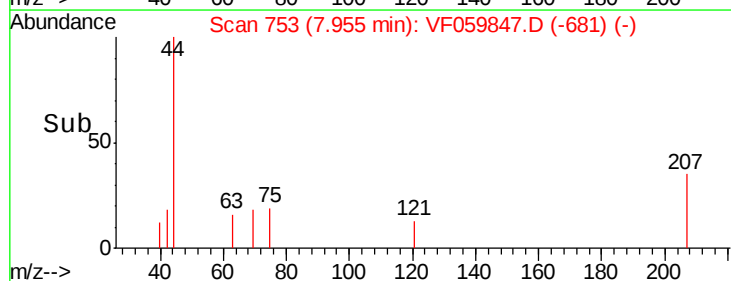
Abundance Ion 75.00 (74.70 to 75.70): VF0

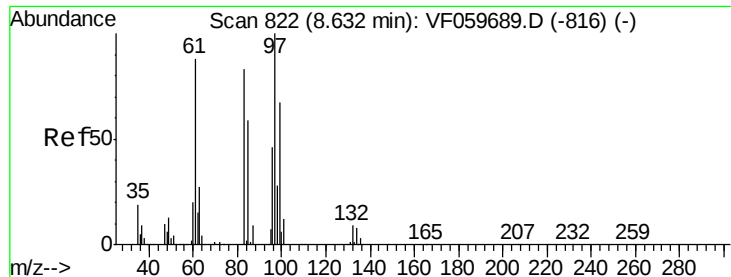
Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->





#55

1,1,2-Trichloroethane

Concen: 133.15 ug/l

RT: 8.99 min Scan# 858

Delta R.T. 0.36 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

Tot Ion: 97 Resp: 67

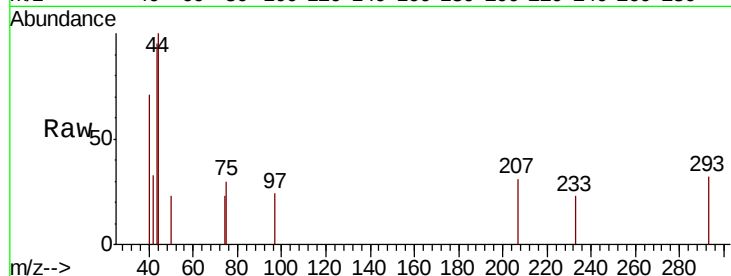
Ion Ratio Lower Upper

97 100

83 0.0 66.6 100.0#

85 0.0 47.4 71.0#

99 0.0 53.2 79.8#

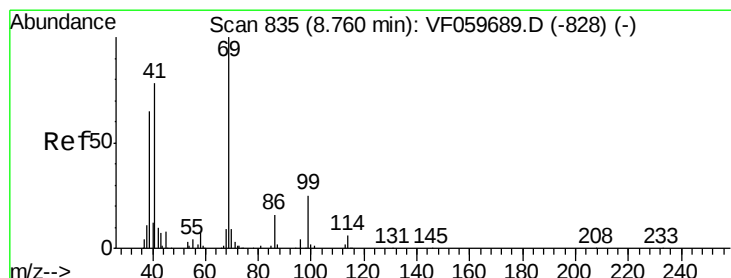
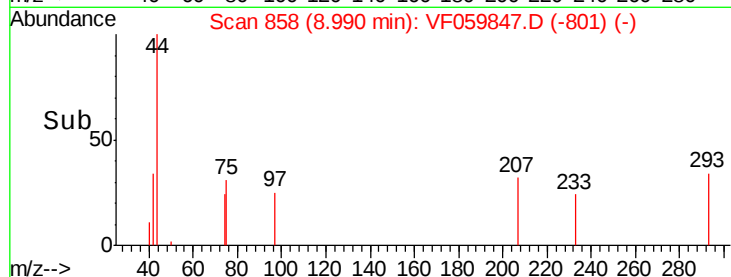
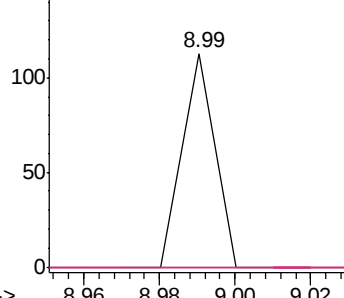


Abundance Ion 97.00 (96.70 to 97.70): VF0

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



#56

Ethyl methacrylate

Concen: 179.13 ug/l

RT: 9.26 min Scan# 885

Delta R.T. 0.50 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

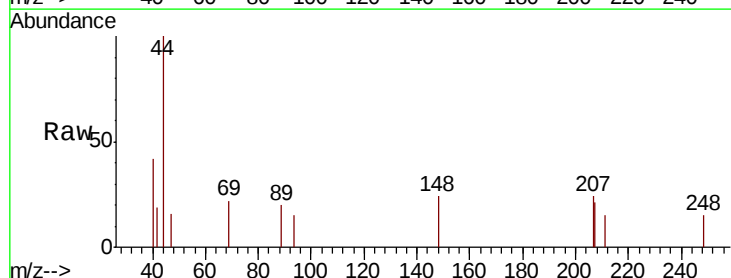
Tgt Ion: 69 Resp: 94

Ion Ratio Lower Upper

69 100

41 0.0 62.3 93.5#

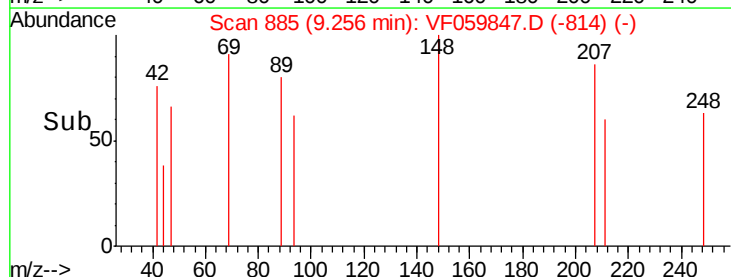
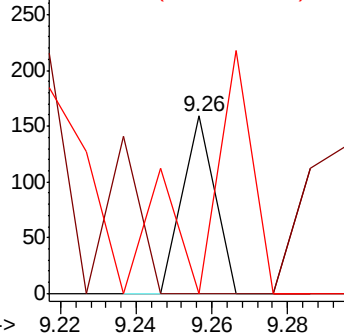
39 0.0 52.4 78.6#

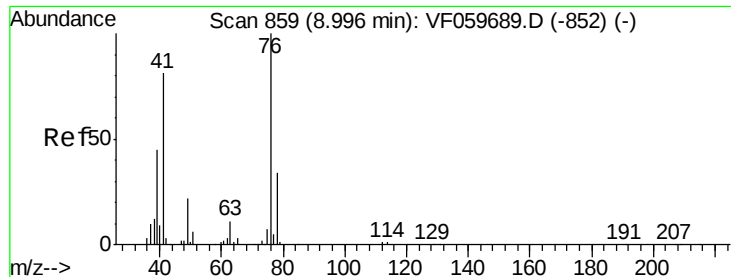


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 117.00 ug/l

RT: 9.36 min Scan# 896

Delta R.T. 0.37 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

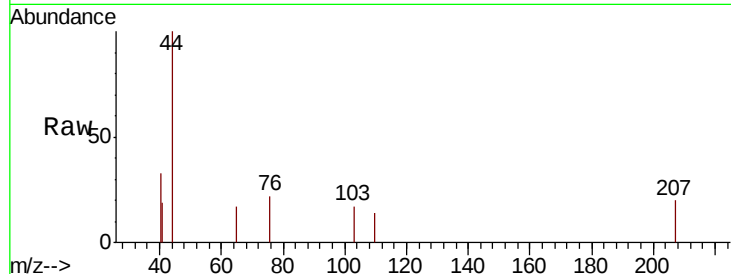
EO-03-080118-C

Tot Ion: 76 Resp: 101

Ion Ratio Lower Upper

76 100

78 0.0 27.2 40.8#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

9.36

150

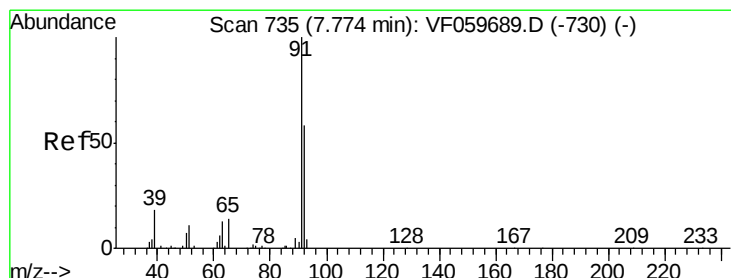
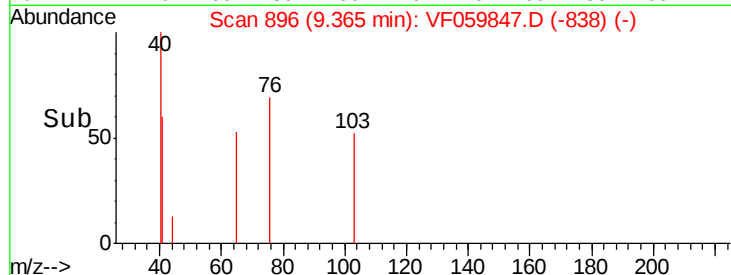
100

50

0

9.34 9.36 9.38

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1138.85 ug/l

RT: 8.28 min Scan# 786

Delta R.T. 0.51 min

Lab File: VF059847.D

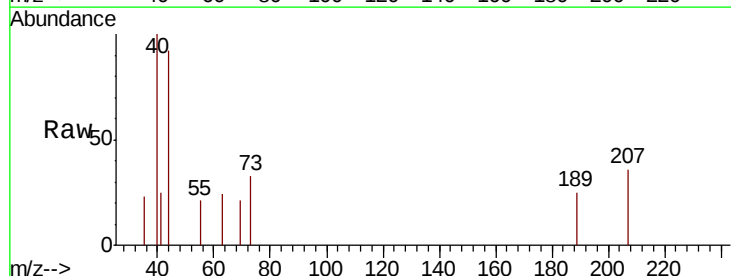
Acq: 3 Aug 2018 19:07

Tgt Ion: 63 Resp: 69

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

8.28

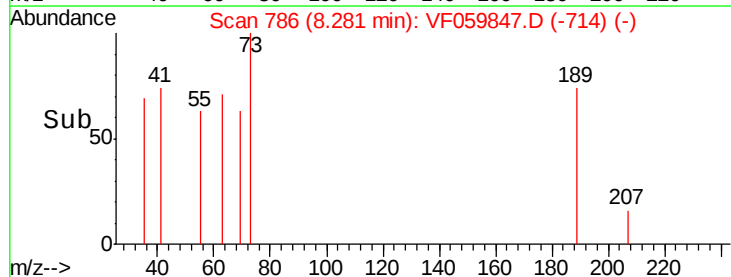
100

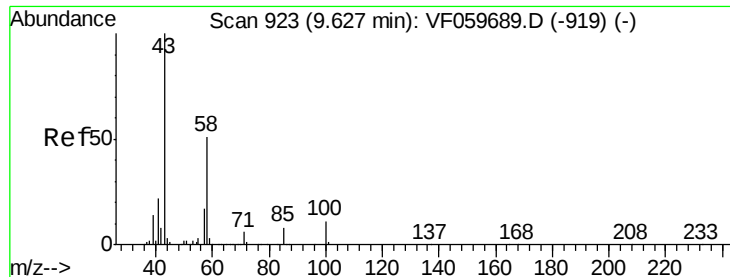
50

0

8.26 8.28 8.30

Time-->

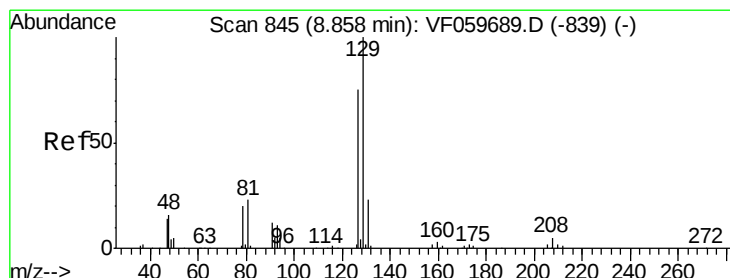
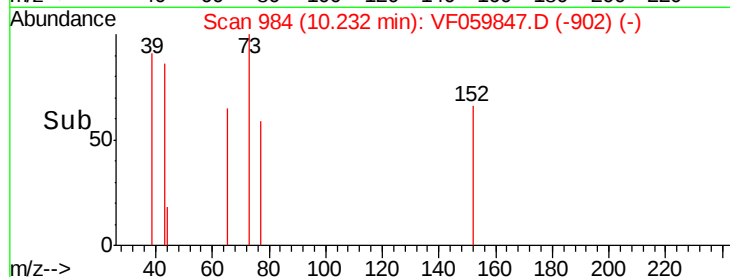
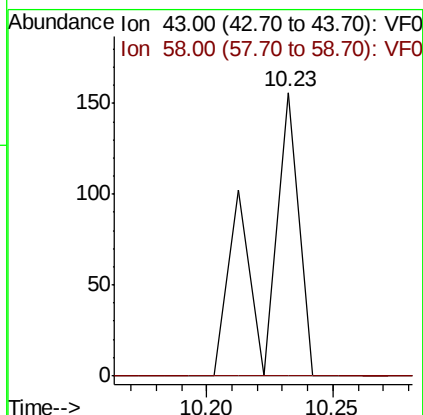
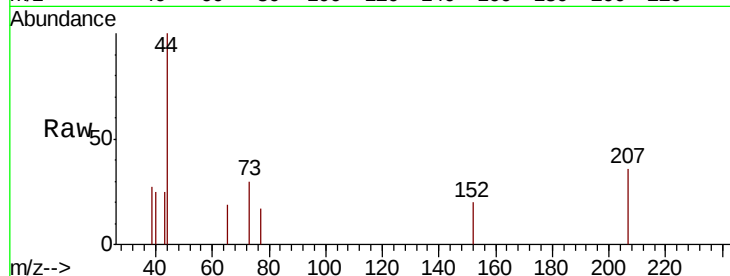




#59
2-Hexanone
Concen: 456.25 ug/l
RT: 10.23 min Scan# 984
Delta R.T. 0.61 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

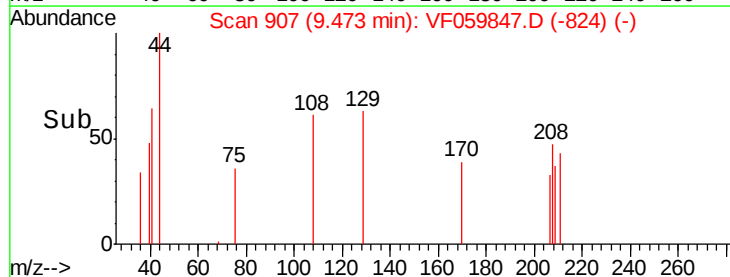
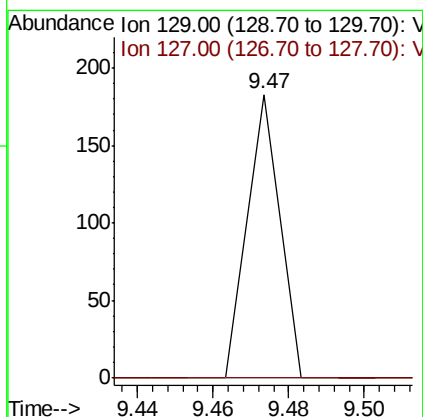
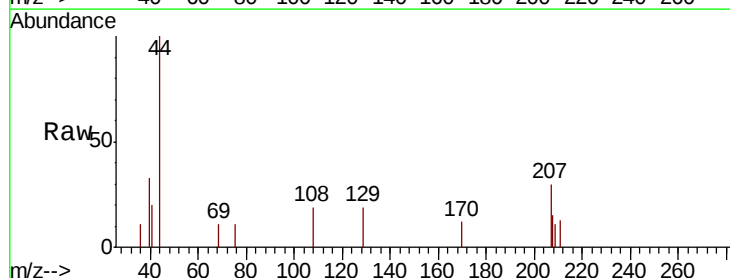
Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-C

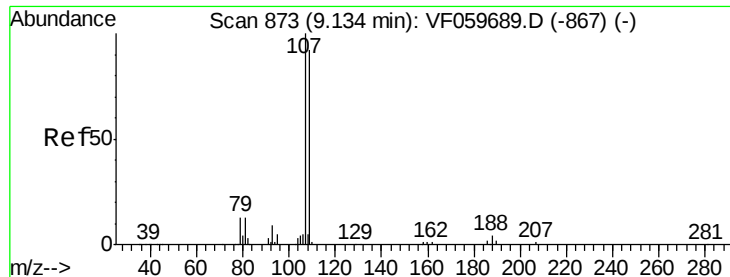
Tot Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 0.0 23.3 69.8#



#60
Dibromochloromethane
Concen: 121.64 ug/l
RT: 9.47 min Scan# 907
Delta R.T. 0.61 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion: 129 Resp: 108
Ion Ratio Lower Upper
129 100
127 0.0 37.7 113.1#





#61

1,2-Dibromoethane

Concen: 110.63 ug/l

RT: 9.56 min Scan# 916

Delta R.T. 0.43 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

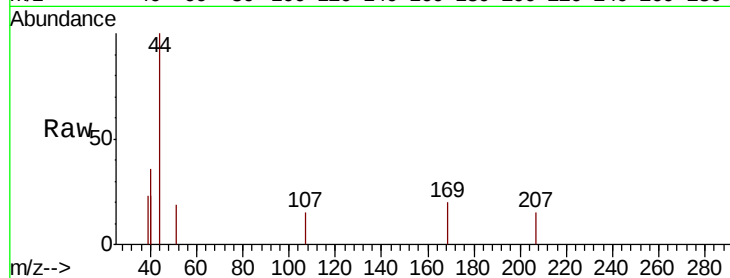
EO-03-080118-C

Tot Ion:107 Resp: 65

Ion Ratio Lower Upper

107 100

109 0.0 73.6 110.4#

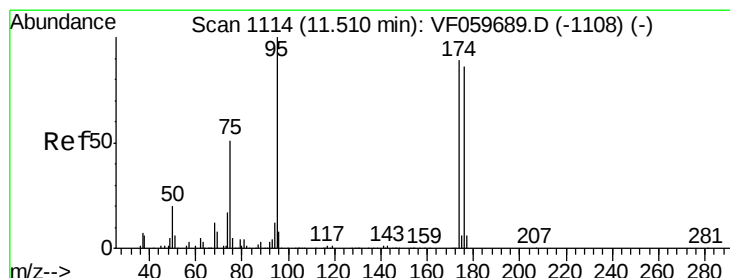
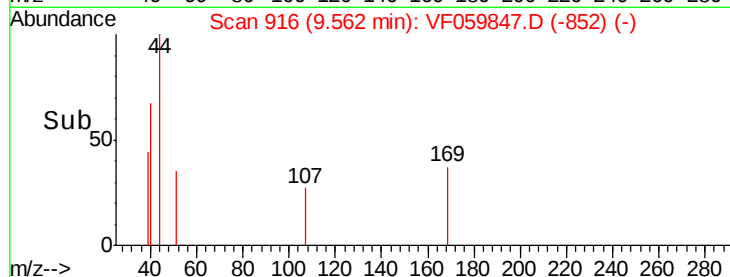


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.56

Time-->



#62

4-Bromofluorobenzene

Concen: 127.27 ug/l

RT: 12.13 min Scan# 1177

Delta R.T. 0.62 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

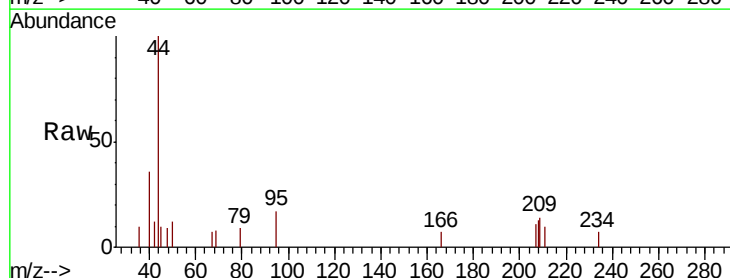
Tgt Ion: 95 Resp: 157

Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.4

176 0.0 0.0 173.0



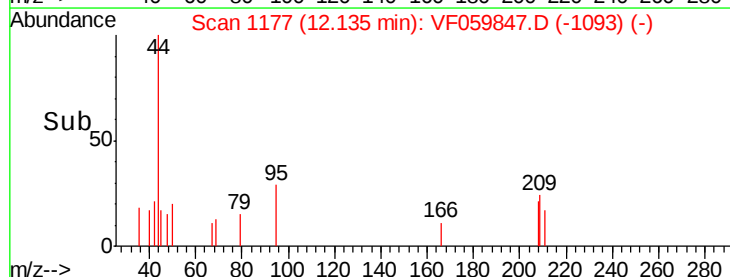
Abundance Ion 95.00 (94.70 to 95.70): VF0

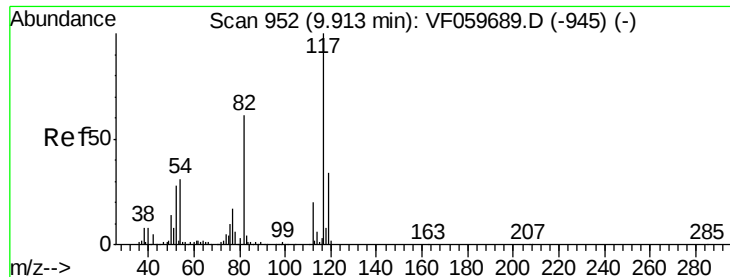
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

12.13

Time-->

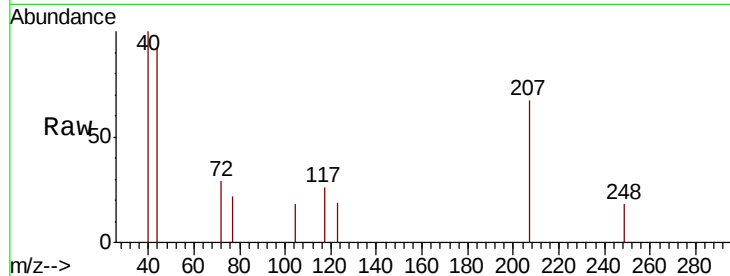




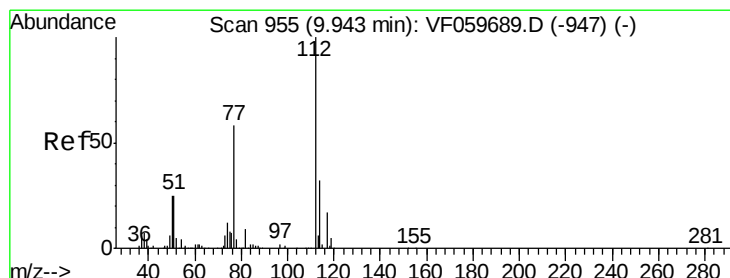
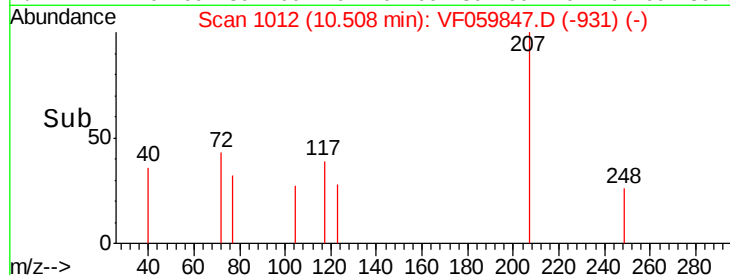
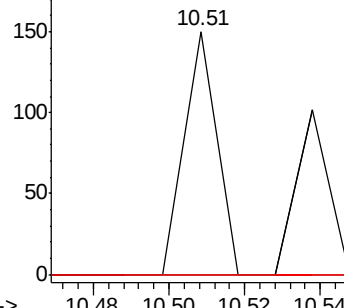
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.51 min Scan# 1012
Delta R.T. 0.60 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	49.0	73.4#
119	0.0	27.3	40.9#

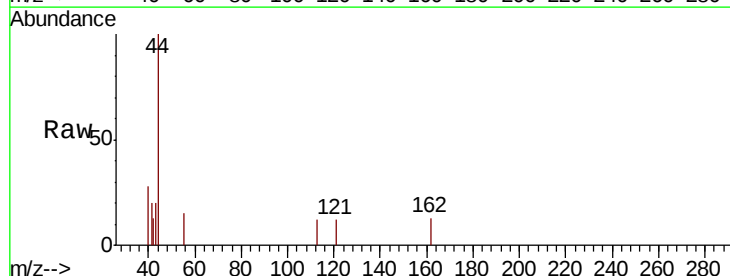


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

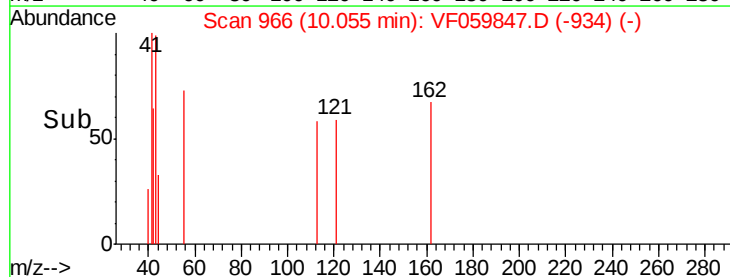
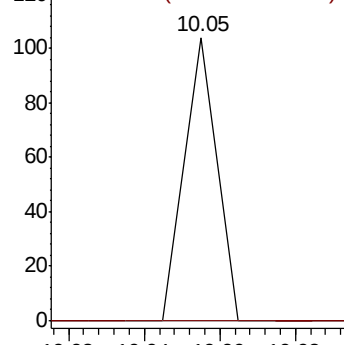


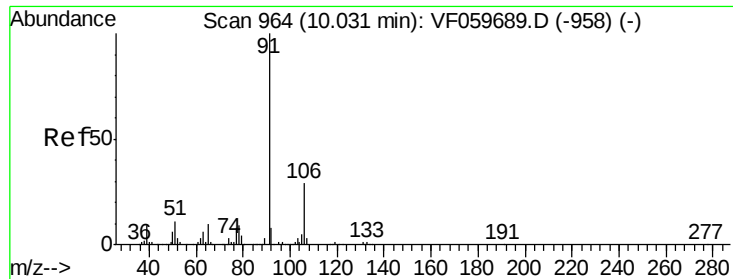
#65
Chlorobenzene
Concen: 34.82 ug/l
RT: 10.05 min Scan# 966
Delta R.T. 0.11 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.6	38.4#



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#67

Ethyl Benzene

Concen: 25.32 ug/l

RT: 9.88 min Scan# 948

Delta R.T. -0.15 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

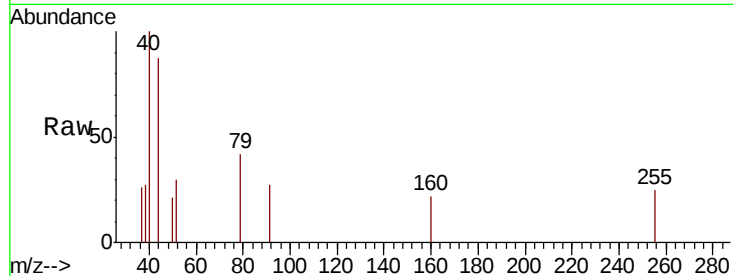
EO-03-080118-C

Tot Ion: 91 Resp: 78

Ion Ratio Lower Upper

91 100

106 0.0 22.9 34.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.88

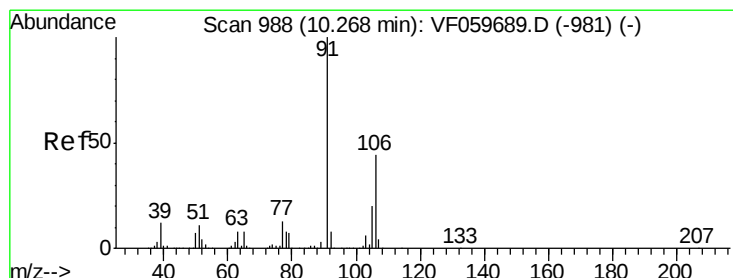
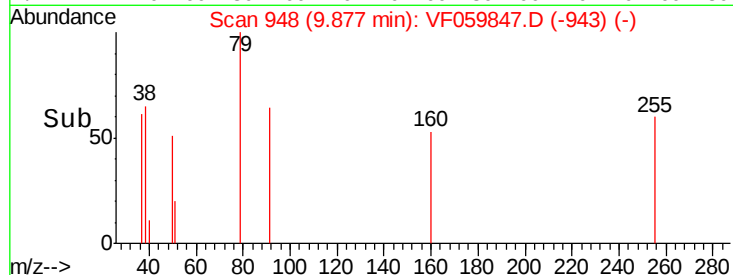
150

100

50

0

Time-->



#68

m/p-Xylenes

Concen: 78.34 ug/l

RT: 10.24 min Scan# 985

Delta R.T. -0.02 min

Lab File: VF059847.D

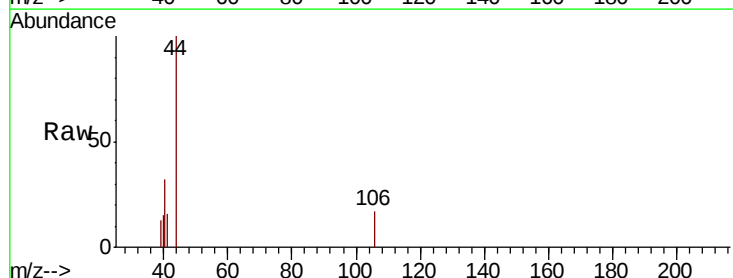
Acq: 3 Aug 2018 19:07

Tgt Ion: 106 Resp: 77

Ion Ratio Lower Upper

106 100

91 0.0 181.7 272.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.24

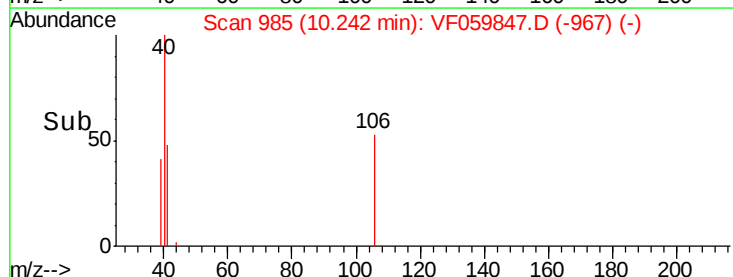
150

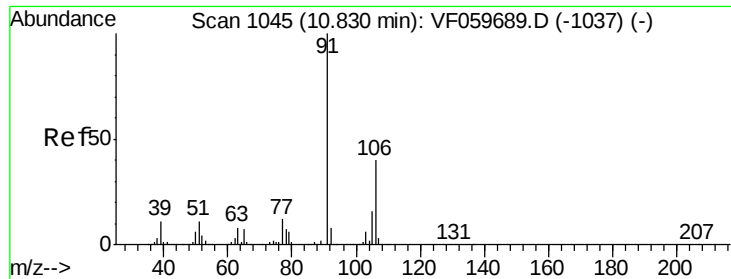
100

50

0

Time-->

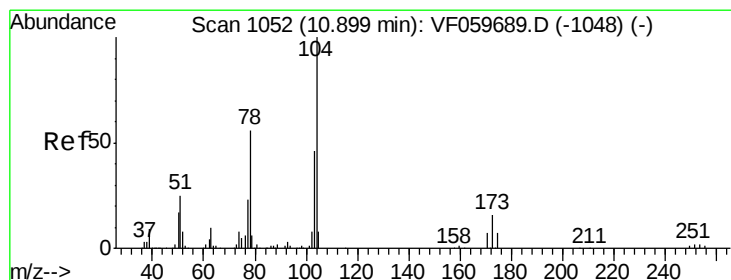
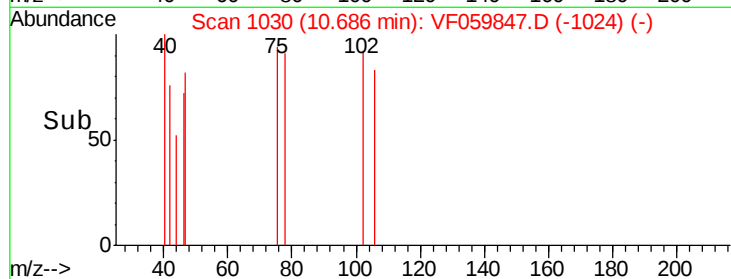
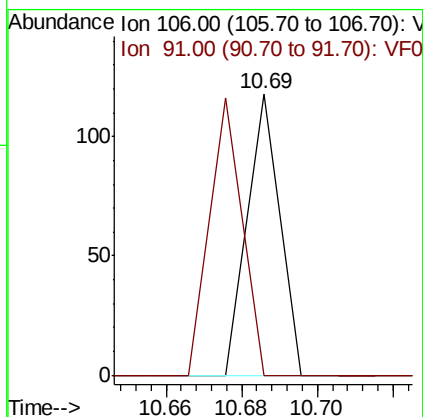
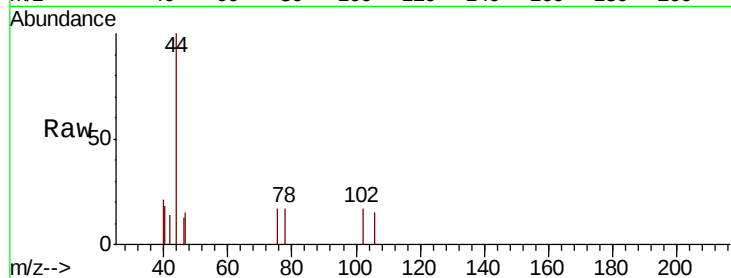




#69
o-Xylene
Concen: 61.67 ug/l
RT: 10.69 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

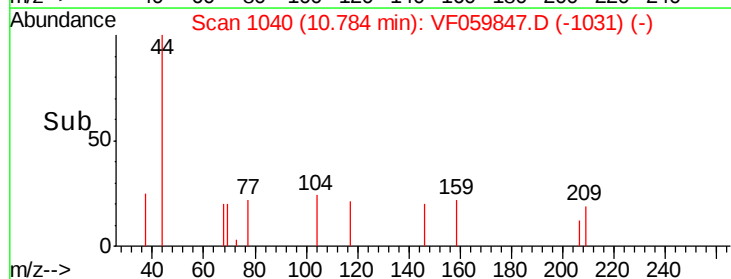
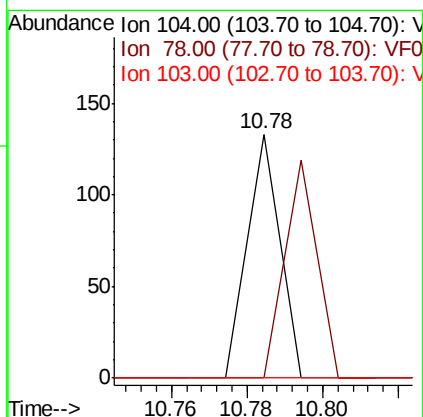
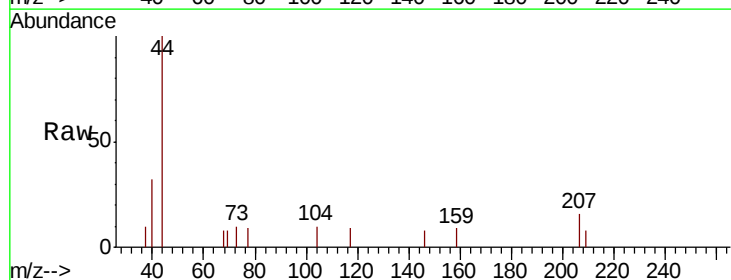
Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-C

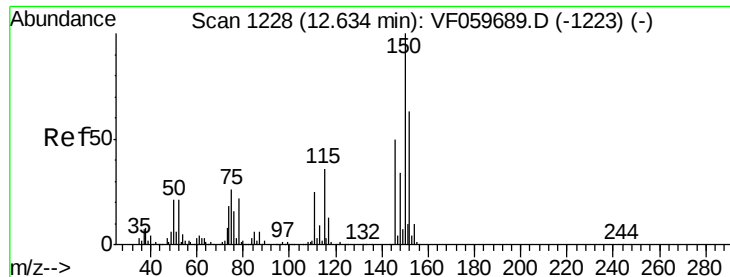
Tot Ion:106 Resp: 70
Ion Ratio Lower Upper
106 100
91 0.0 124.6 373.7#



#70
Styrene
Concen: 45.94 ug/l
RT: 10.78 min Scan# 1040
Delta R.T. -0.11 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion:104 Resp: 79
Ion Ratio Lower Upper
104 100
78 0.0 45.3 67.9#
103 0.0 36.6 54.8#



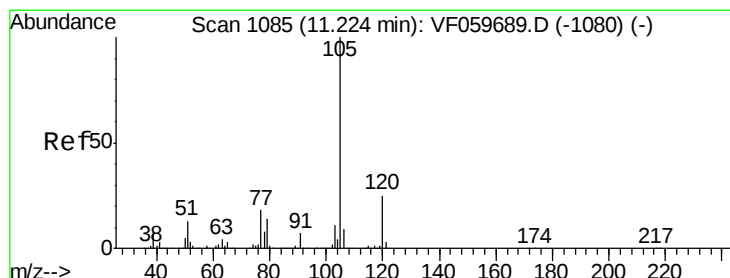
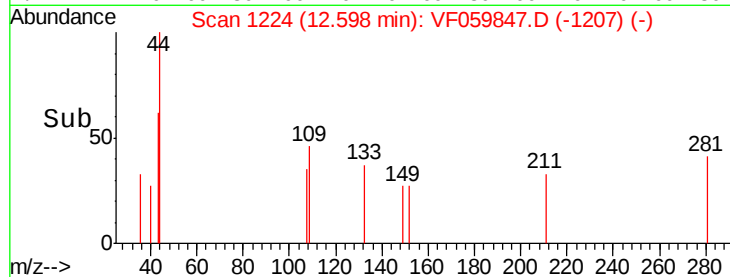
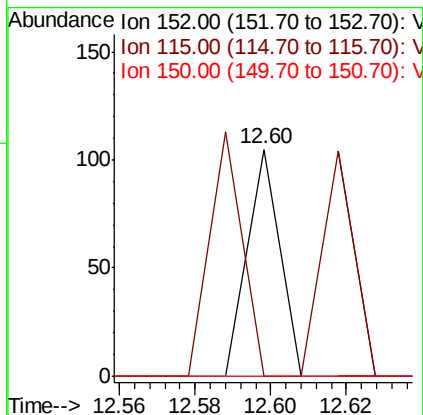
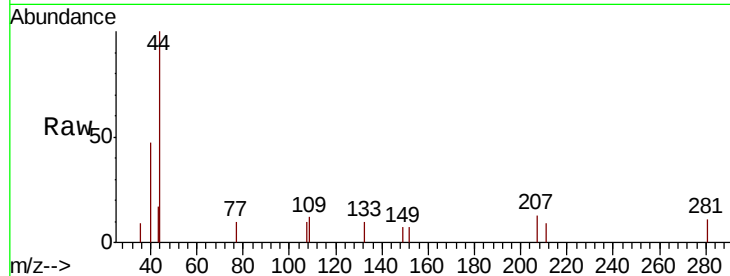


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-C

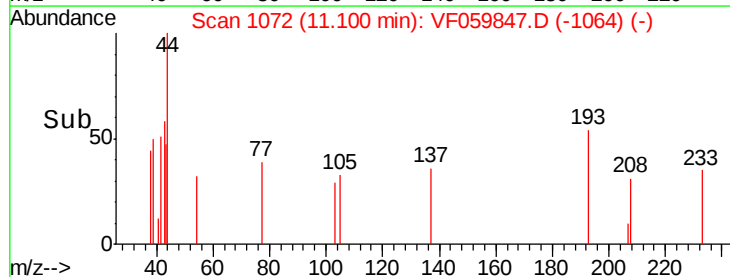
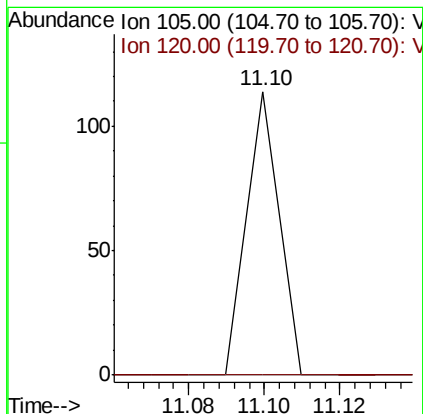
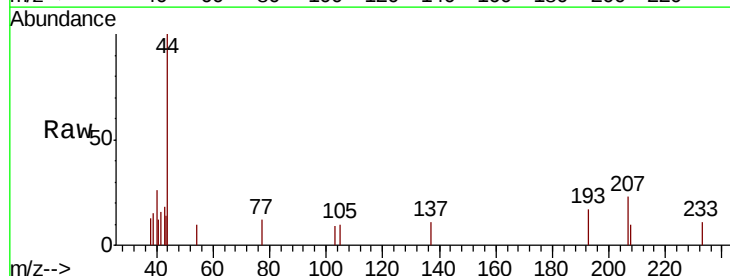
Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.6#
150	0.0	0.0	316.2

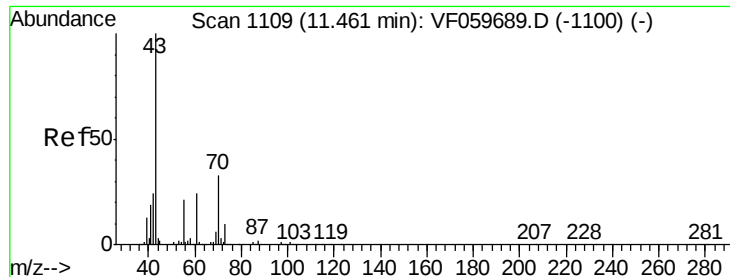


#73

Isopropylbenzene
Concen: 16.47 ug/l
RT: 11.10 min Scan# 1072
Delta R.T. -0.12 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.4	37.4#





#74

N-amvl acetate

Concen: 210.46 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.03 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

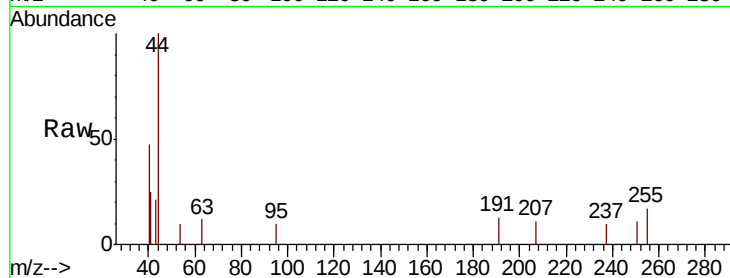
MSVOA_F

ClientSampleId :

EO-03-080118-C

Tot Ion: 43 Resp: 216

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.3	39.5#
55	0.0	16.6	25.0#
61	0.0	19.1	28.7#

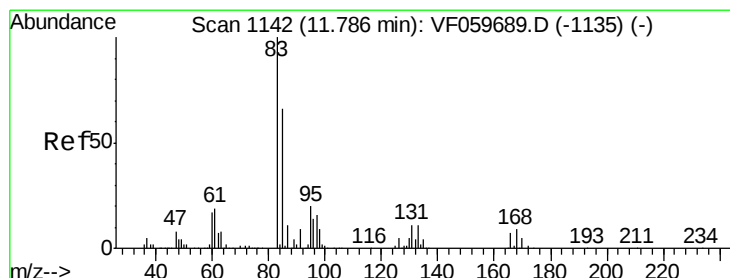
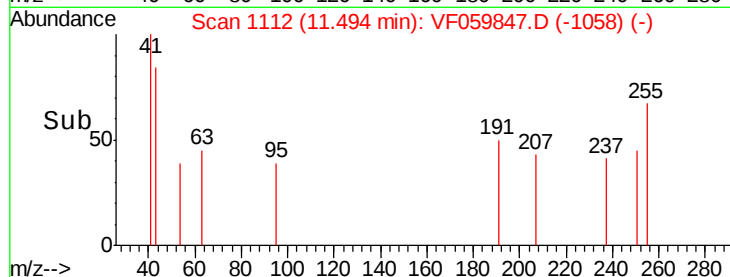
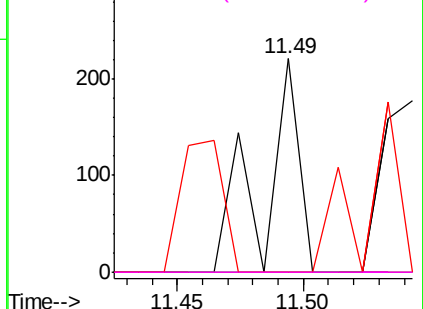


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 381.31 ug/l

RT: 11.71 min Scan# 1134

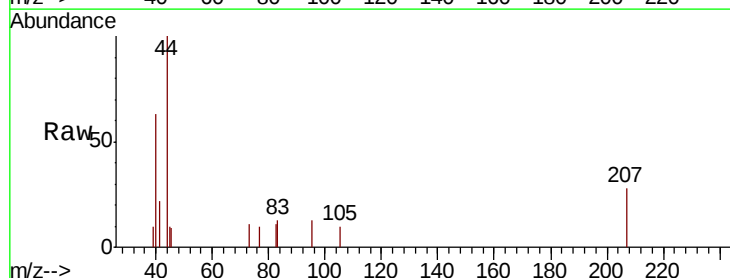
Delta R.T. -0.08 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Tgt Ion: 83 Resp: 292

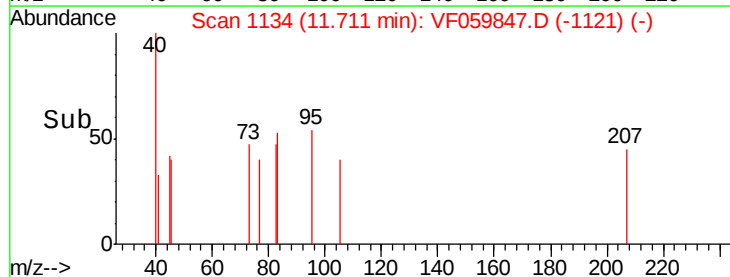
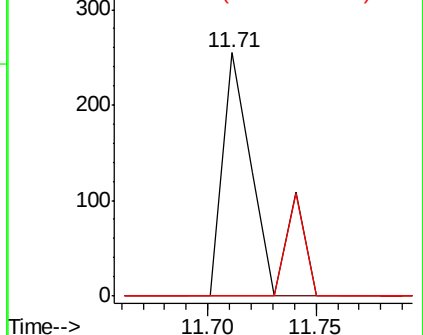
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.3#
85	0.0	32.8	98.3#

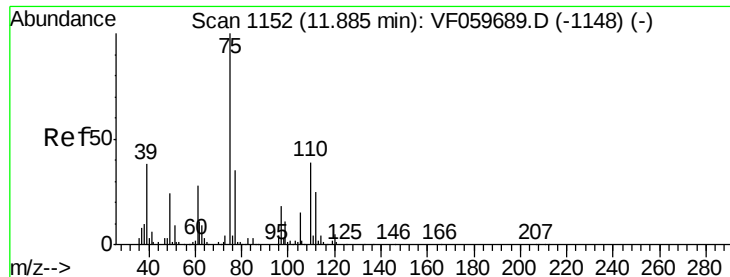


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

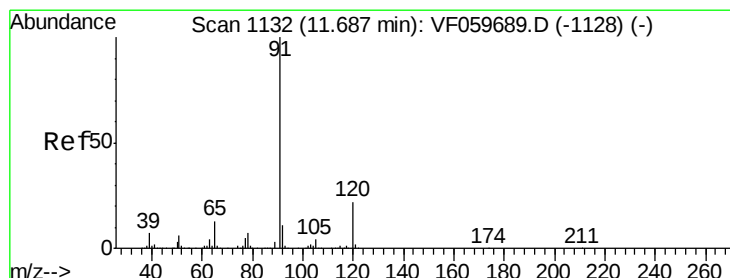
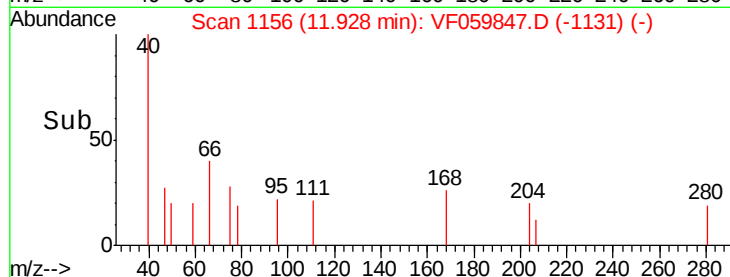
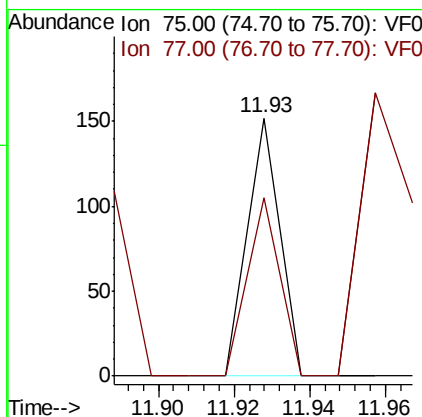
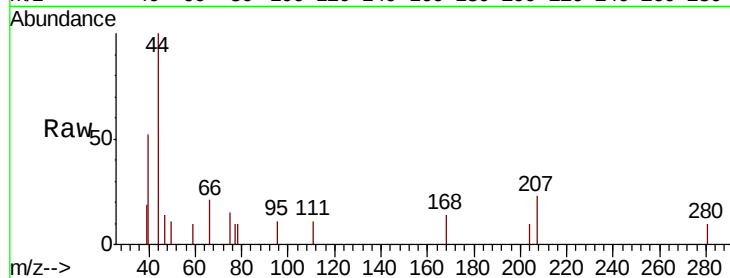




#76
 1,2,3-Trichloropropane
 Concen: 138.21 ug/l
 RT: 11.93 min Scan# 1156
 Delta R.T. 0.04 min
 Lab File: VF059847.D
 Acq: 3 Aug 2018 19:07

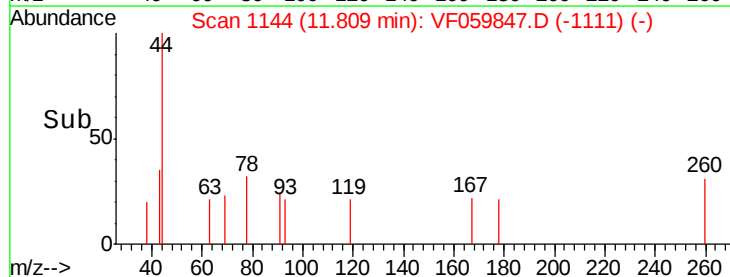
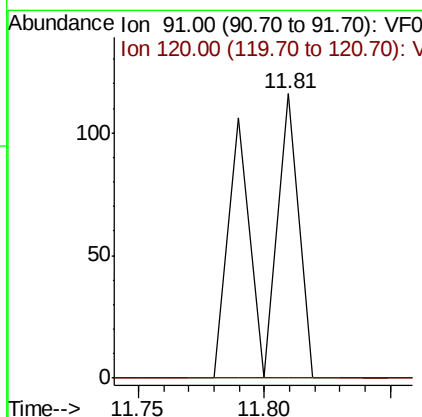
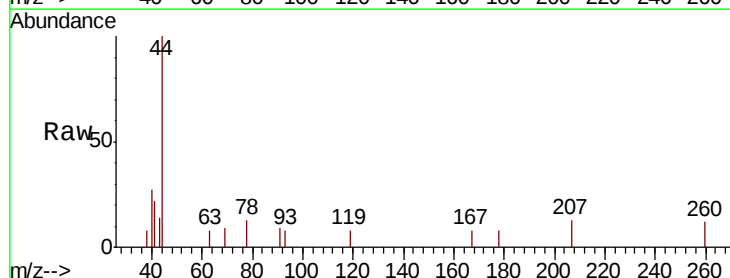
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-080118-C

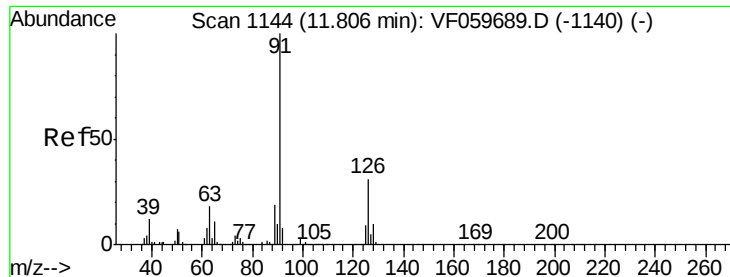
Tot Ion: 75 Resp: 90
 Ion Ratio Lower Upper
 75 100
 77 69.1 18.0 54.0#



#78
 n-propylbenzene
 Concen: 29.35 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.12 min
 Lab File: VF059847.D
 Acq: 3 Aug 2018 19:07

Tgt Ion: 91 Resp: 131
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.0 33.0#





#79

2-Chlorotoluene

Concen: 49.91 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

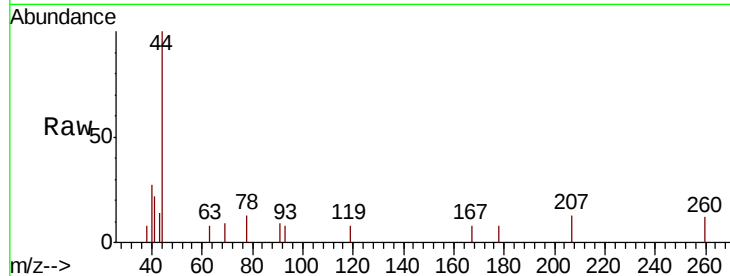
EO-03-080118-C

Tot Ion: 91 Resp: 131

Ion Ratio Lower Upper

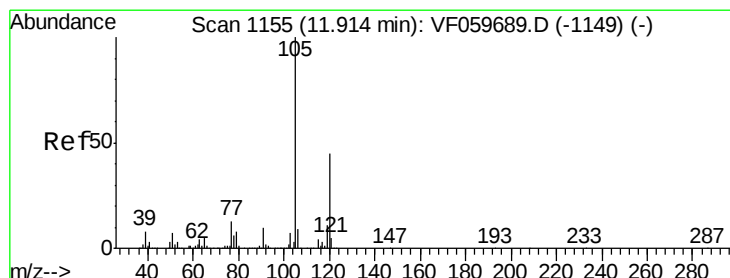
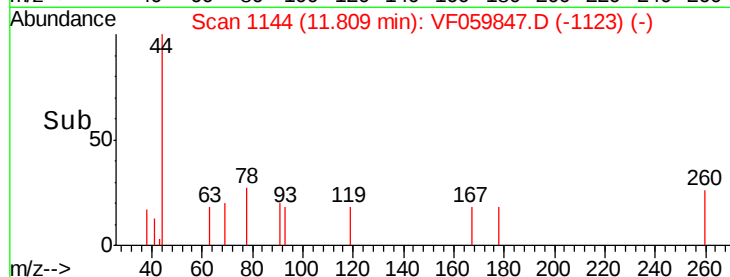
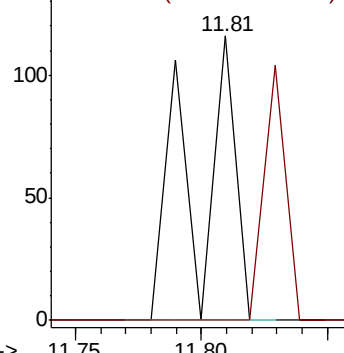
91 100

126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.05 min

Lab File: VF059847.D

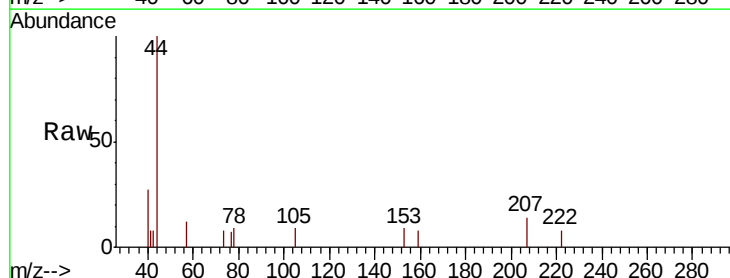
Acq: 3 Aug 2018 19:07

Tgt Ion:105 Resp: 75

Ion Ratio Lower Upper

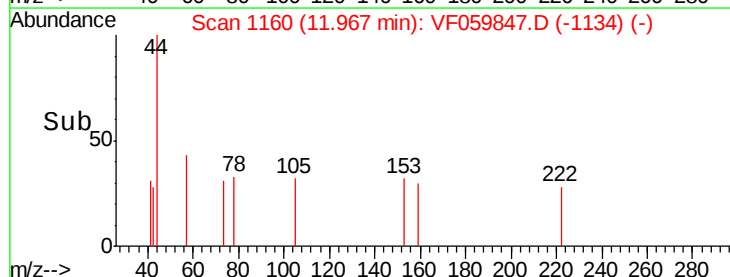
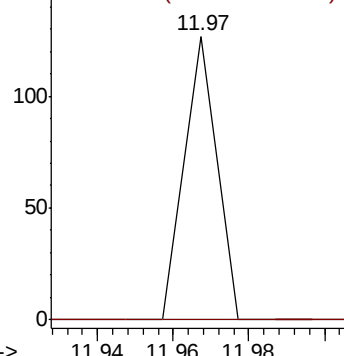
105 100

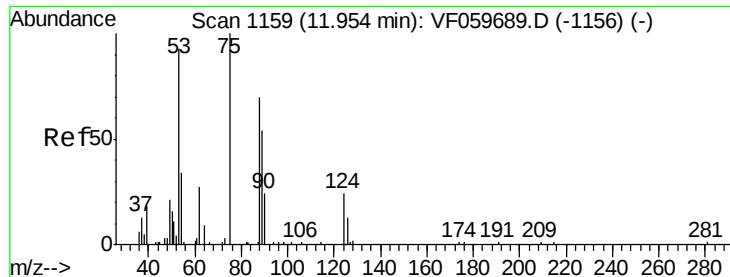
120 0.0 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 333.74 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.02 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

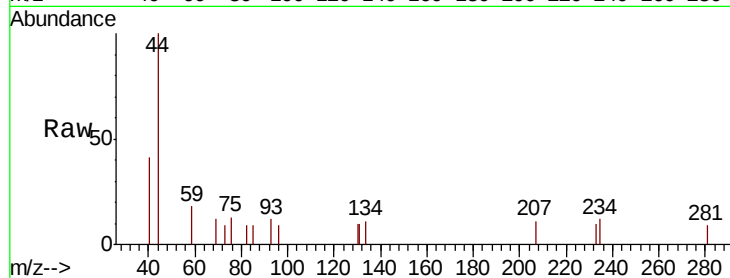
Tot Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

53 0.0 78.3 117.5#

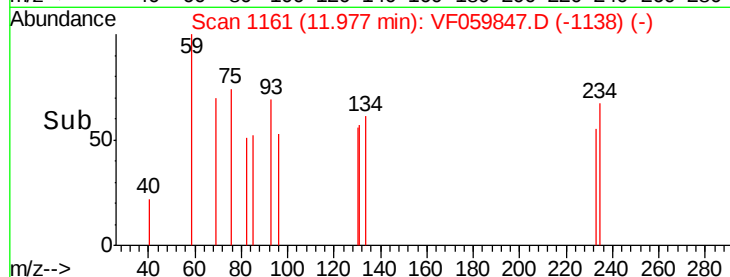
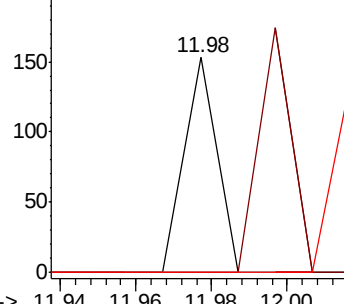
89 0.0 45.4 68.2#



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



#83

tert-Butylbenzene

Concen: 21.08 ug/l

RT: 12.24 min Scan# 1188

Delta R.T. 0.03 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

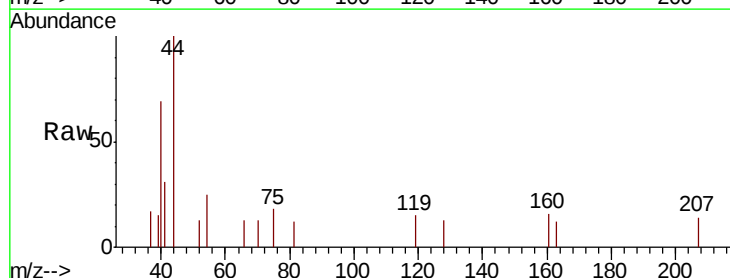
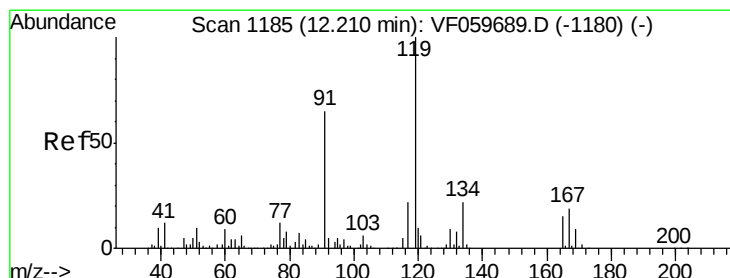
Tgt Ion: 119 Resp: 77

Ion Ratio Lower Upper

119 100

91 0.0 32.8 98.4#

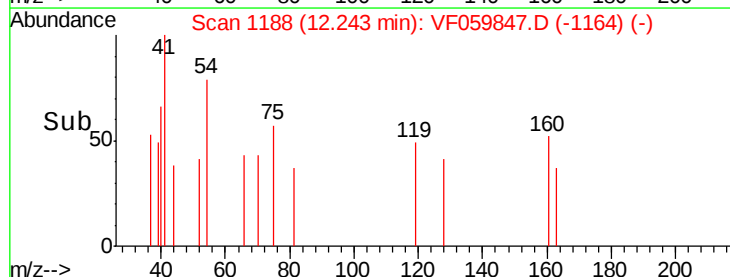
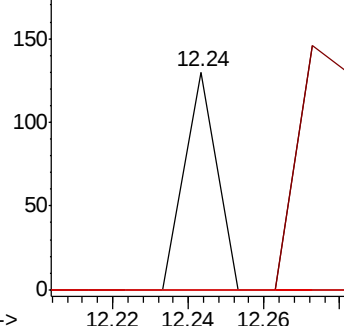
134 0.0 10.9 32.7#

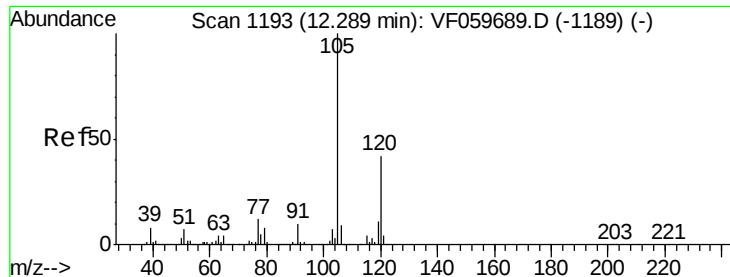


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

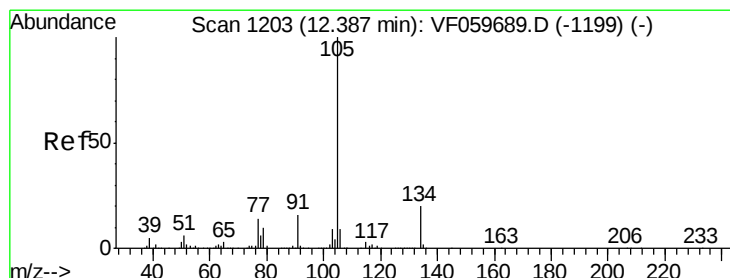
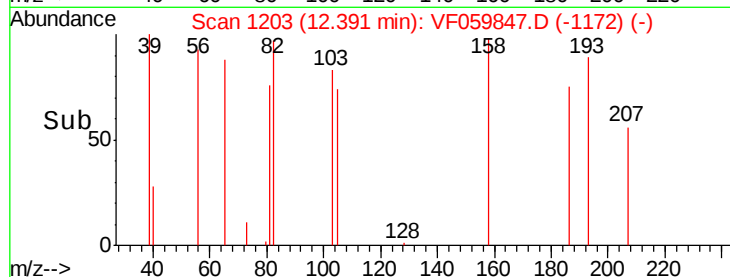
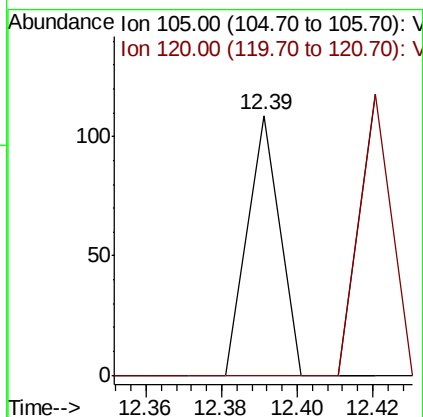
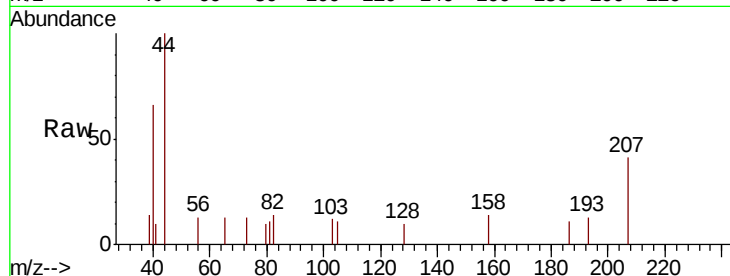




#84
1,2,4-Trimethylbenzene
Concen: 16.51 ug/l
RT: 12.39 min Scan# 1203
Delta R.T. 0.10 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

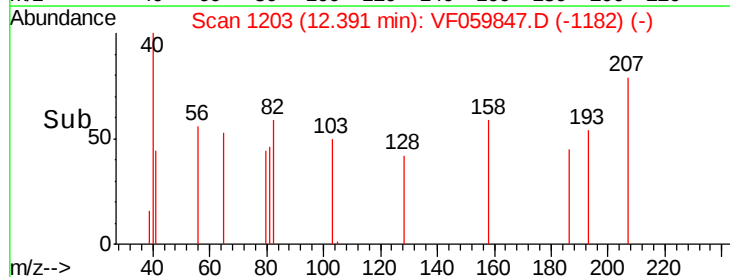
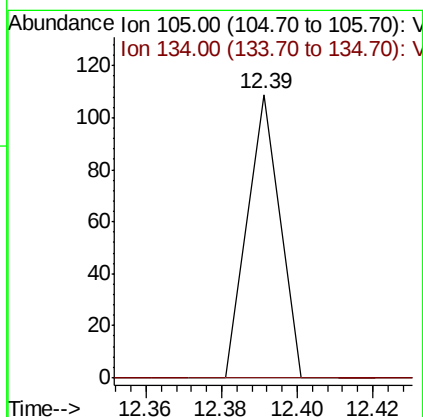
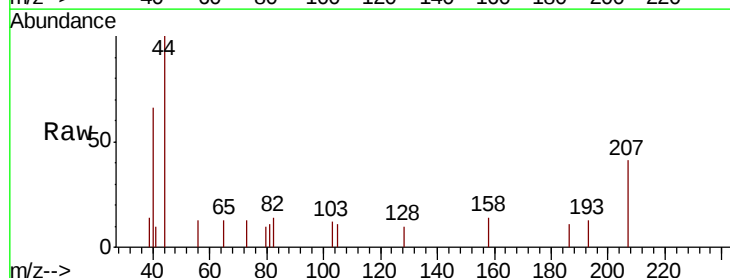
Instrument :
MSVOA_F
ClientSampled :
EO-03-080118-C

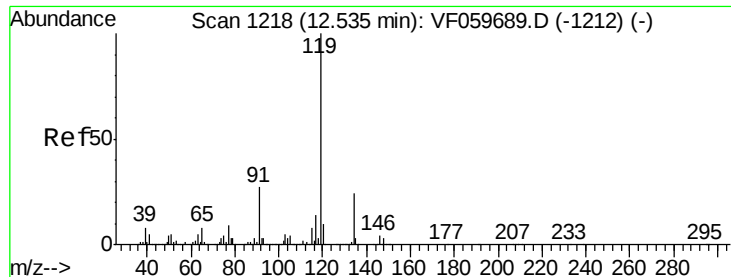
Tot Ion:105 Resp: 64
Ion Ratio Lower Upper
105 100
120 0.0 21.1 63.3#



#85
sec-Butylbenzene
Concen: 11.22 ug/l
RT: 12.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion:105 Resp: 64
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

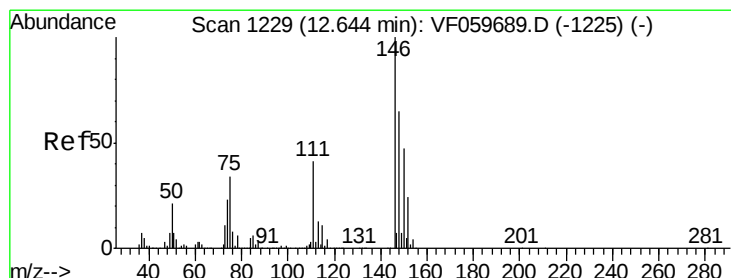
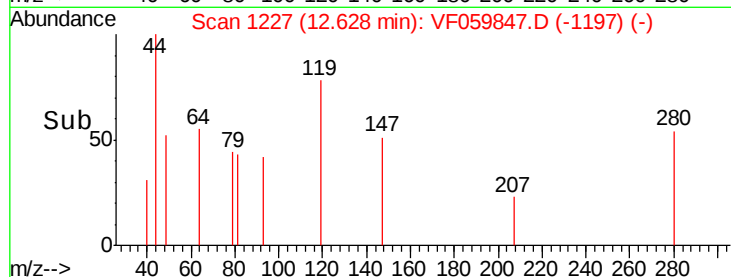
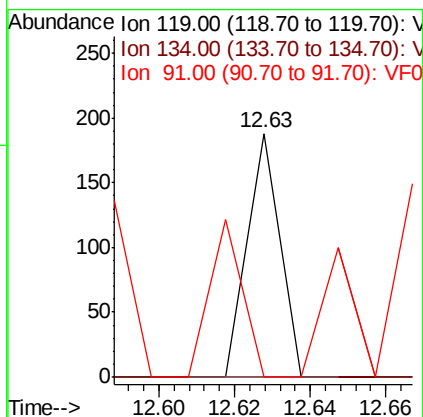
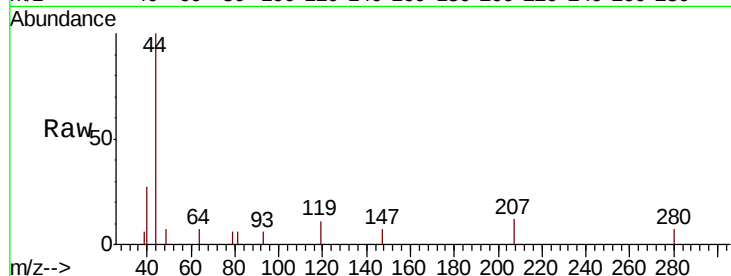




#86
p-Isopropyltoluene
Concen: 28.20 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.09 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

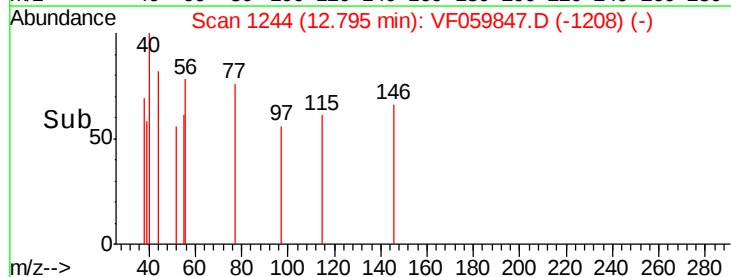
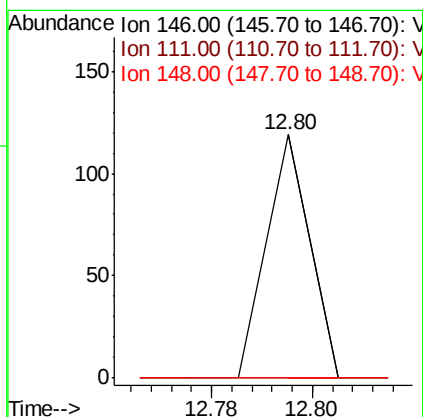
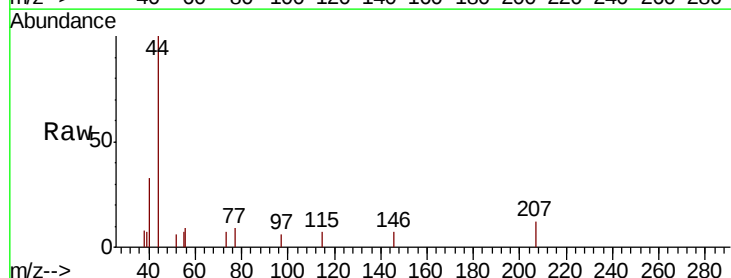
Instrument :
MSVOA_F
ClientSampleId :
EO-03-080118-C

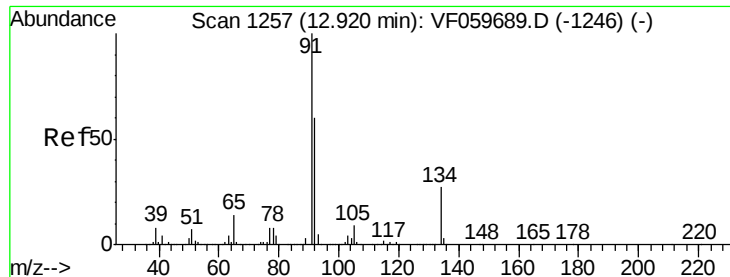
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	0.0	13.4	40.2#



#88
1,4-Dichlorobenzene
Concen: 38.95 ug/l
RT: 12.80 min Scan# 1244
Delta R.T. 0.15 min
Lab File: VF059847.D
Acq: 3 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.8	62.2#
148	0.0	32.3	96.9#





#89

n-Butylbenzene

Concen: 21.44 ug/l

RT: 12.86 min Scan# 1251

Delta R.T. -0.05 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

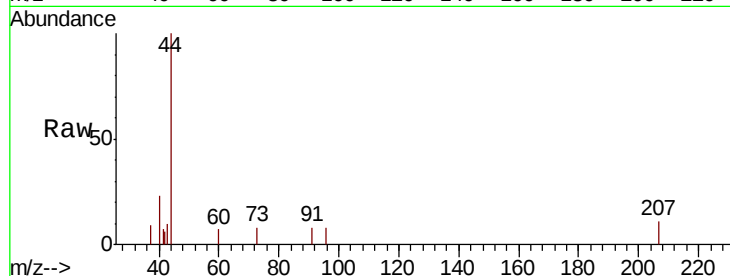
Tot Ion: 91 Resp: 85

Ion Ratio Lower Upper

91 100

92 0.0 30.1 90.3#

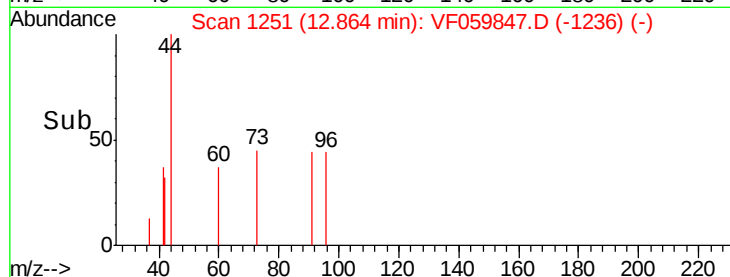
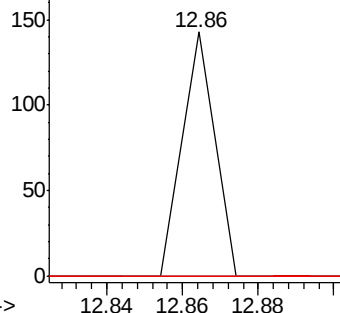
134 0.0 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 61.40 ug/l

RT: 13.12 min Scan# 1277

Delta R.T. 0.13 min

Lab File: VF059847.D

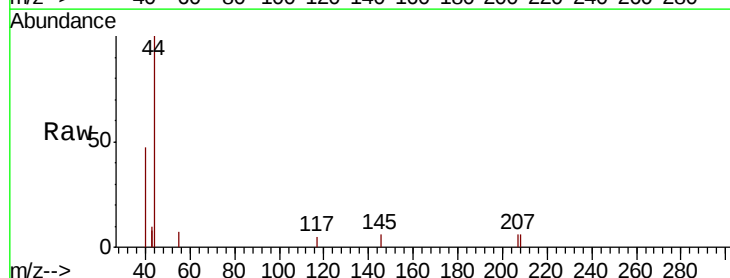
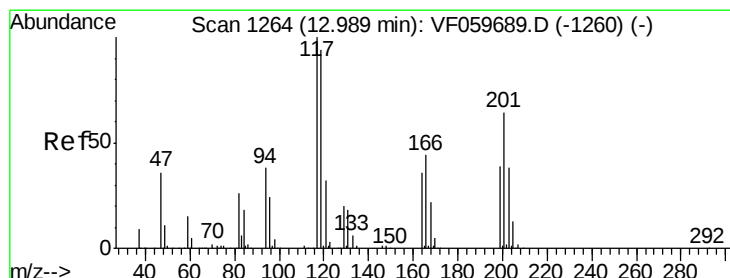
Acq: 3 Aug 2018 19:07

Tgt Ion: 117 Resp: 63

Ion Ratio Lower Upper

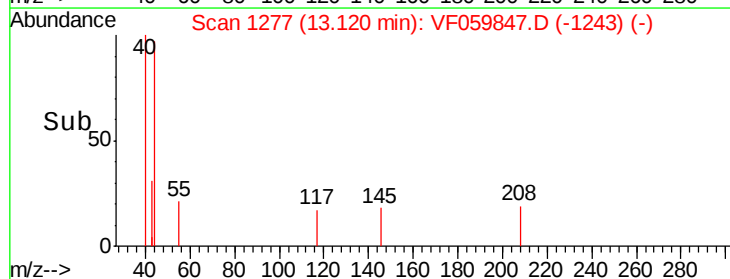
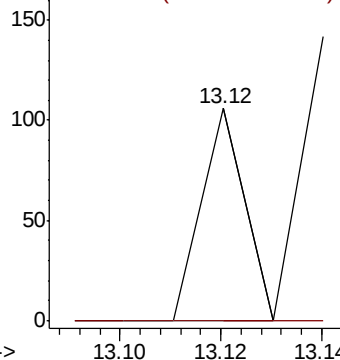
117 100

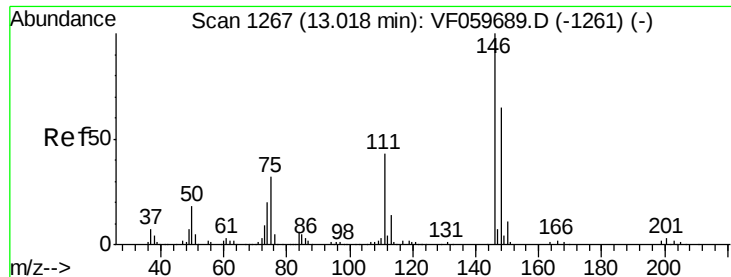
201 0.0 31.9 95.5#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 37.18 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

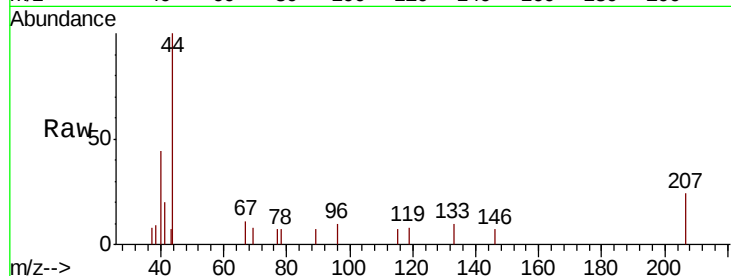
Tot Ion:146 Resp: 65

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

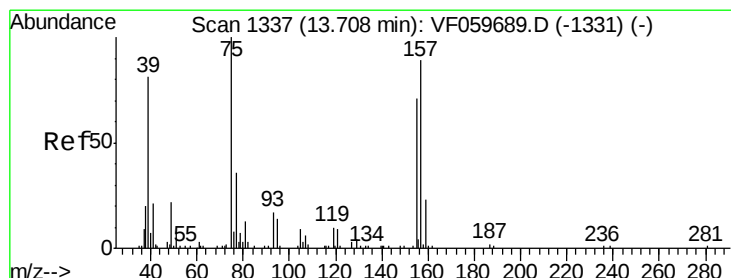
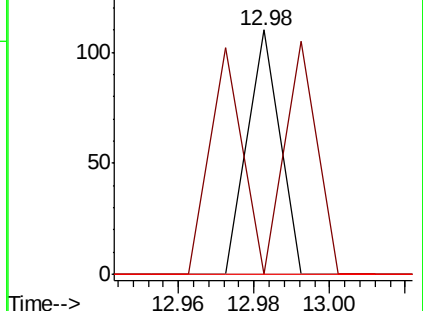
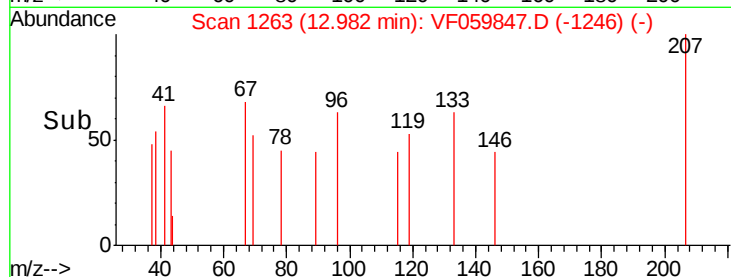
148 0.0 32.3 96.9#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 389.95 ug/l

RT: 13.71 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

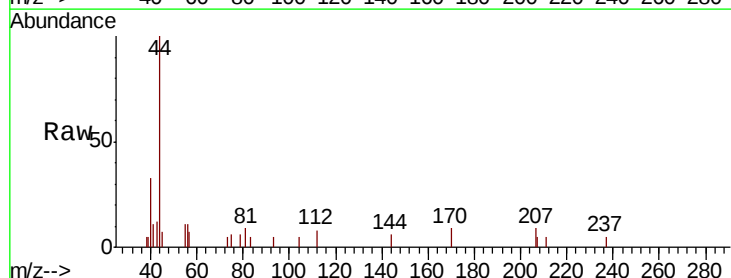
Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

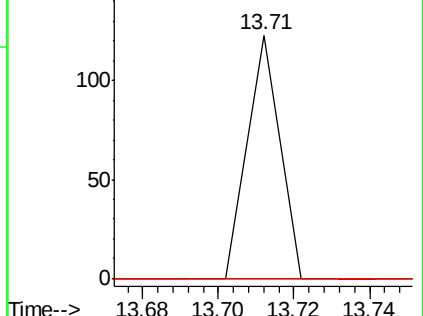
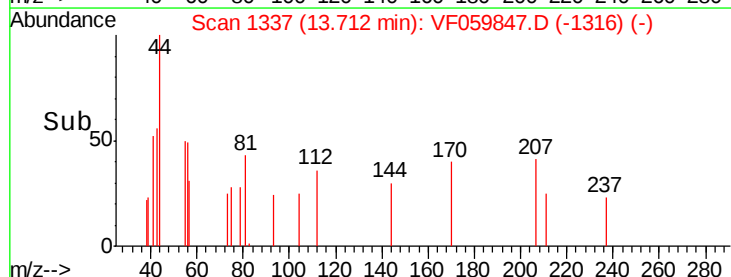
157 0.0 44.4 133.2#

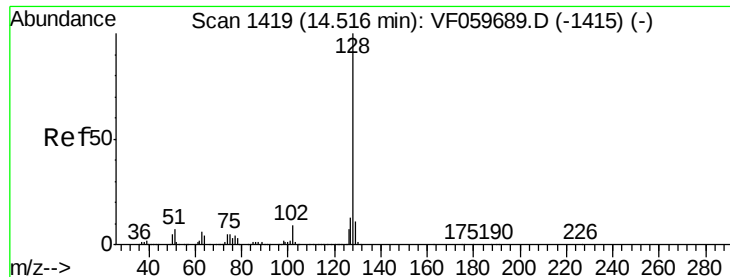


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#95

Naphthalene

Concen: 28.43 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.03 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

EO-03-080118-C

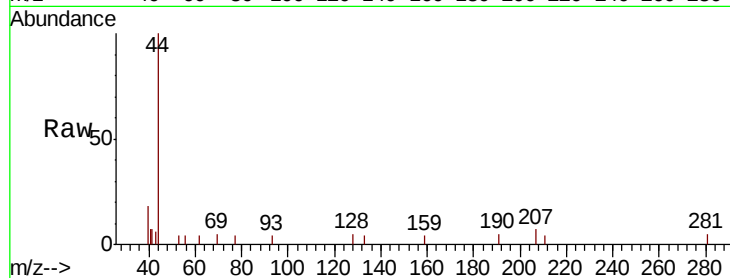
Tot Ion:128 Resp: 76

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

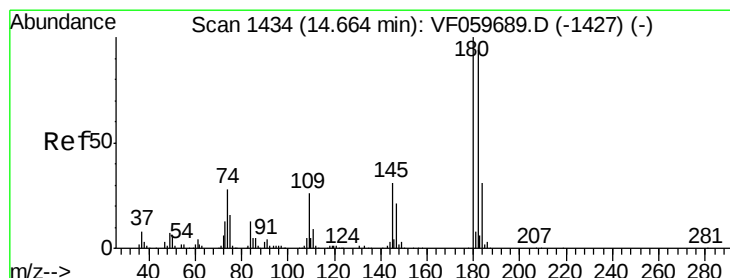
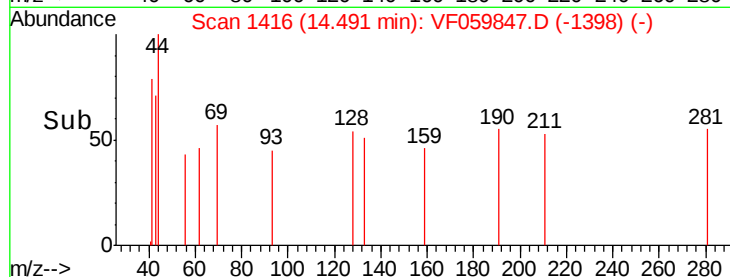
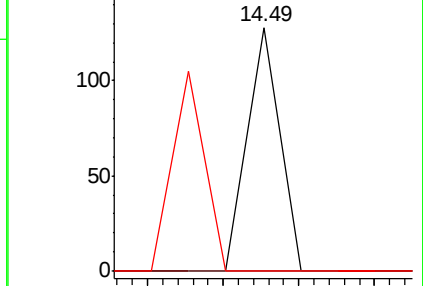
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 41.96 ug/l

RT: 14.81 min Scan# 1448

Delta R.T. 0.14 min

Lab File: VF059847.D

Acq: 3 Aug 2018 19:07

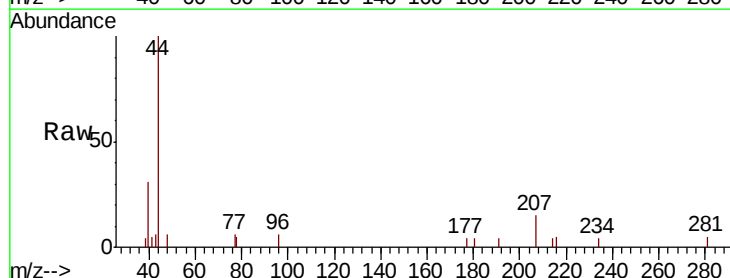
Tgt Ion:180 Resp: 62

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

145 0.0 15.6 46.7#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

