

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061278.D
 Acq On : 7 Jan 2019 14:42
 Operator : VA/AP
 Sample : K1012-03
 Misc : 6.94g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-010419-B

Quant Time: Jan 08 00:15:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	48423	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	74449	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	53326	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	15402	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	19246	31.31	ug/l	-0.02
Spiked Amount			Recovery	=	62.62%	
35) Dibromofluoromethane	4.09	113	27647	48.27	ug/l	-0.03
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	7.53	98	74761	43.98	ug/l	-0.03
Spiked Amount			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.39	95	22815	30.29	ug/l	-0.02
Spiked Amount			Recovery	=	60.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.05	50	1170	1.643	ug/l #	45
13) Acrolein	1.91	56	950	40.472	ug/l	86
15) Acrylonitrile	2.93	53	646	9.316	ug/l #	14
16) Acetone	2.22	43	8929	70.103	ug/l #	69
18) Methyl Acetate	2.36	43	5440	21.711	ug/l #	59
20) Methylene Chloride	2.17	84	3898	3.633	ug/l #	93
25) 2-Butanone	4.31	43	1822	Below Cal	#	62
29) Tetrahydrofuran	4.05	42	91	Below Cal	#	38
31) Cyclohexane	3.68	56	7569	7.515	ug/l #	93
37) Ethyl Acetate	4.12	43	401	1.145	ug/l #	1
39) Methylcyclohexane	5.44	83	11376	12.137	ug/l #	74
40) Benzene	4.60	78	34436	17.305	ug/l	93
41) Methacrylonitrile	4.66	41	3881	20.535	ug/l #	65
48) Methyl methacrylate	6.58	41	2051	6.781	ug/l #	44
49) 1,4-Dioxane	6.59	88	75	35.785	ug/l #	1
51) 4-Methyl-2-Pentanone	8.18	43	159	Below Cal	#	38
52) Toluene	7.60	92	30831	23.728	ug/l	92
55) 1,1,2-Trichloroethane	8.36	97	623	1.667	ug/l #	35
56) Ethyl methacrylate	8.60	69	2612	6.325	ug/l #	70
59) 2-Hexanone	9.44	43	363	1.545	ug/l #	28
67) Ethyl Benzene	9.88	91	15892	7.973	ug/l	95
68) m/p-Xylenes	10.11	106	17505	24.064	ug/l	88
69) o-Xylene	10.69	106	9487	12.056	ug/l	81
73) Isopropylbenzene	11.10	105	1841	1.407	ug/l	95
74) N-amyl acetate	11.35	43	621	1.880	ug/l #	70
78) n-propylbenzene	11.58	91	3657	2.345	ug/l #	70
79) 2-Chlorotoluene	11.71	91	2031	2.255	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.80	105	11439	10.830	ug/l	97
84) 1,2,4-Trimethylbenzene	12.19	105	22735	21.622	ug/l	98
85) sec-Butylbenzene	12.30	105	1648	1.116	ug/l	100
86) p-Isopropyltoluene	12.41	119	5418	4.451	ug/l	81
89) n-Butylbenzene	12.81	91	2798	Below Cal	#	30
95) Naphthalene	14.44	128	22603	33.731	ug/l	99

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QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

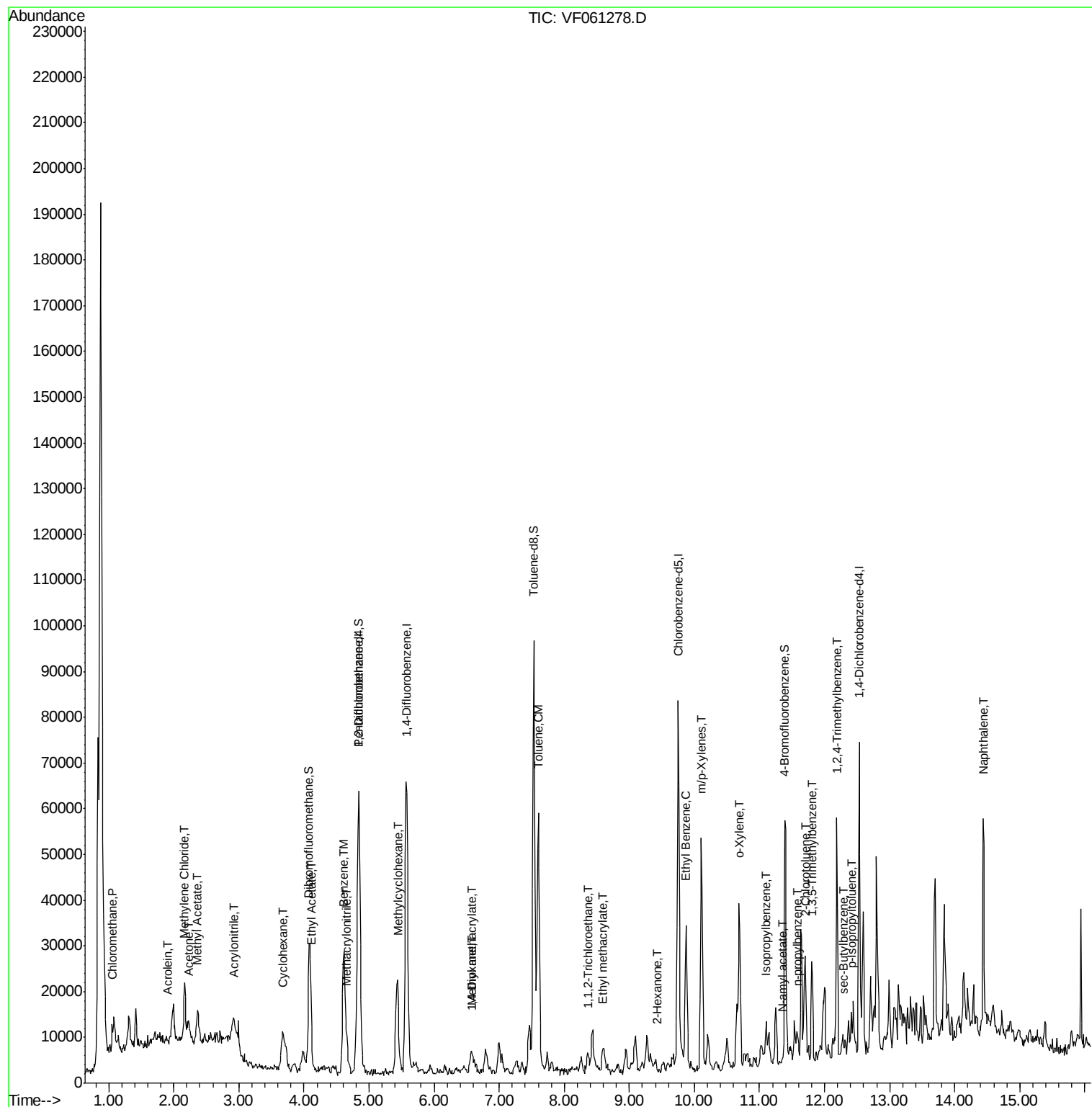
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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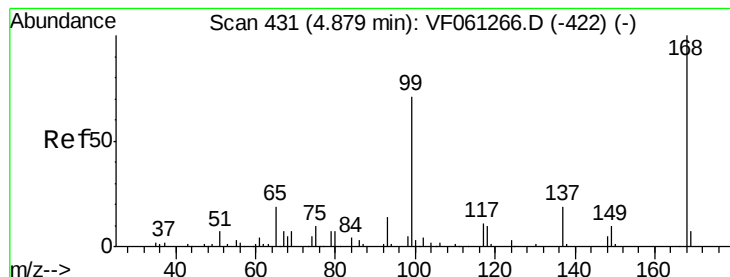
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

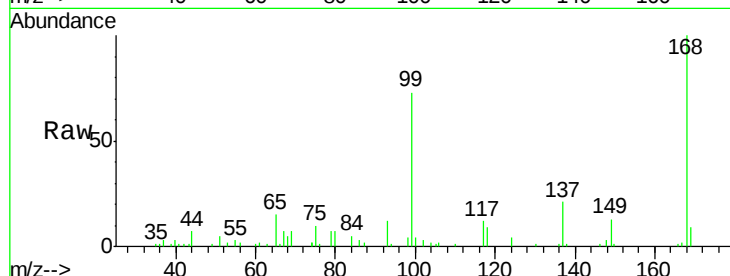
EO-02-010419-B

Tot Ion:168 Resp: 48423

Ion Ratio Lower Upper

168 100

99 72.5 57.0 85.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

15000

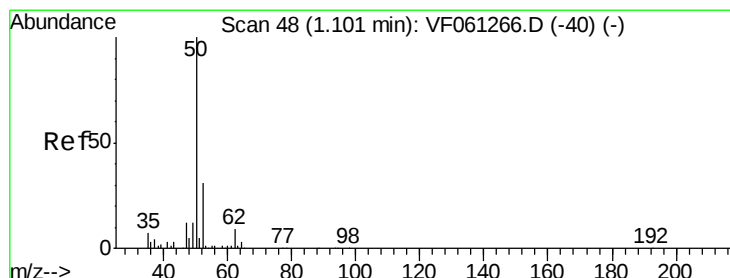
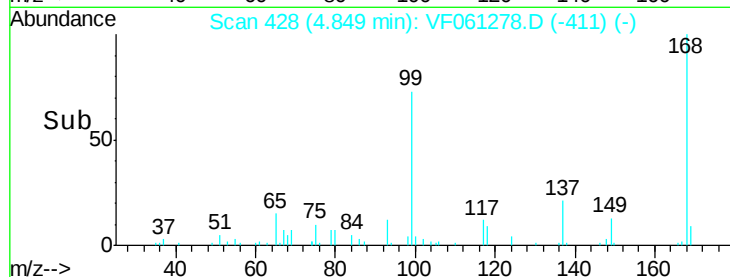
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#3

Chloromethane

Concen: 1.643 ug/l

RT: 1.05 min Scan# 43

Delta R.T. -0.05 min

Lab File: VF061278.D

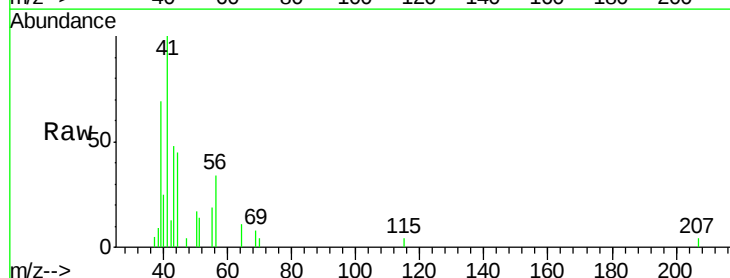
Acq: 7 Jan 2019 14:42

Tgt Ion: 50 Resp: 1170

Ion Ratio Lower Upper

50 100

52 0.0 23.4 35.2#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

600

500

400

300

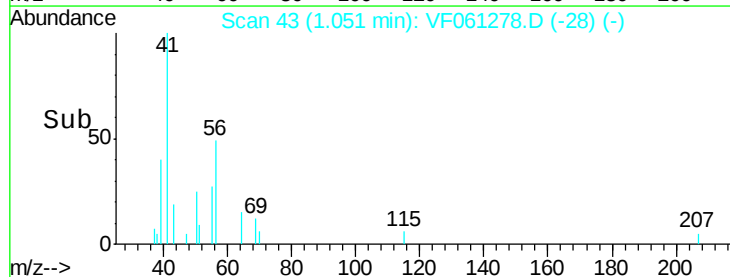
200

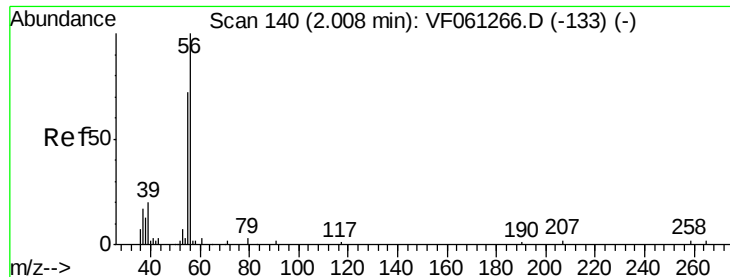
100

0

Time-->

1.00 1.05 1.10 1.15





#13

Acrolein

Concen: 40.472 ug/l

RT: 1.91 min Scan# 130

Delta R.T. -0.10 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

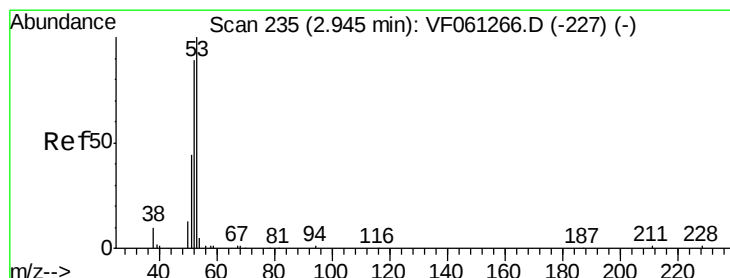
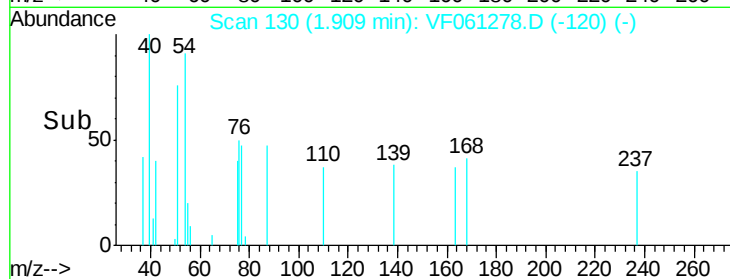
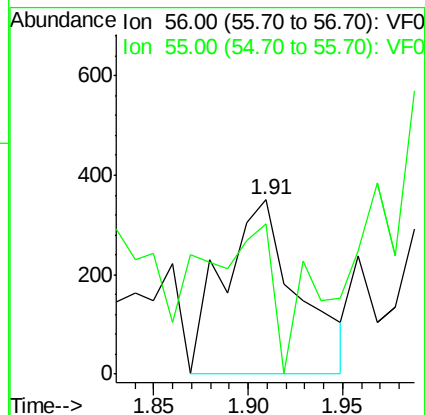
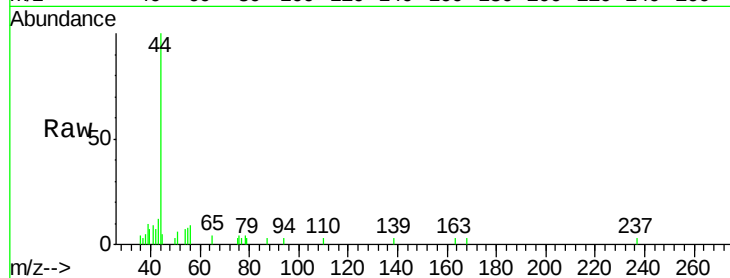
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Tot Ion: 56 Resp: 950

Ion Ratio Lower Upper

56 100

55 86.6 59.7 89.5



#15

Acrylonitrile

Concen: 9.316 ug/l

RT: 2.93 min Scan# 234

Delta R.T. -0.01 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

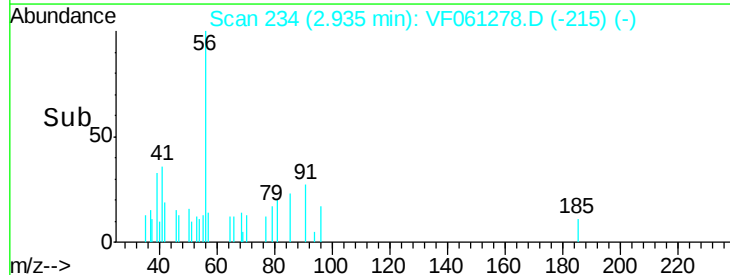
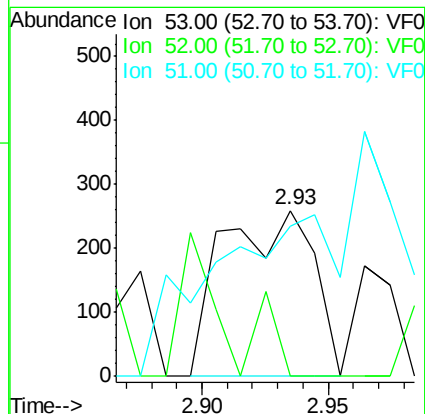
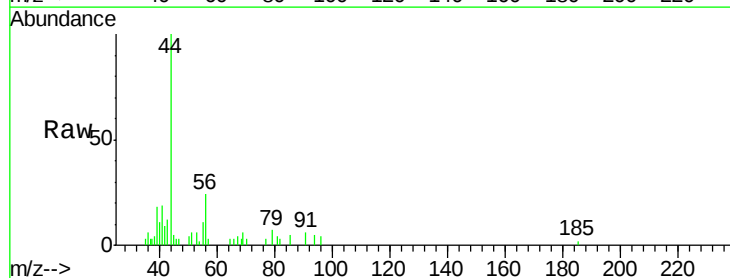
Tgt Ion: 53 Resp: 646

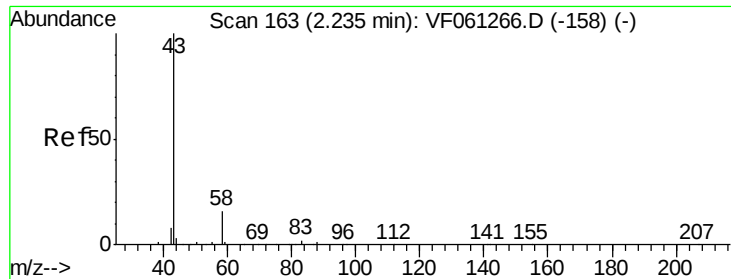
Ion Ratio Lower Upper

53 100

52 0.0 71.3 106.9#

51 90.3 36.2 54.4#





#16

Acetone

Concen: 70.103 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

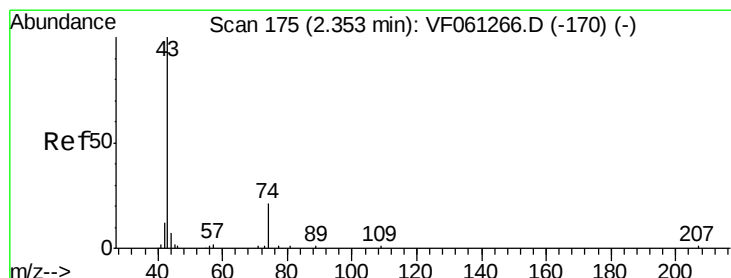
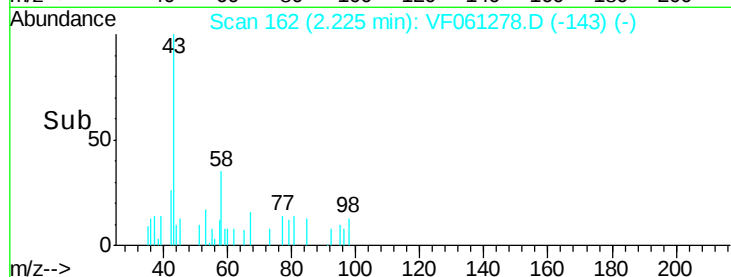
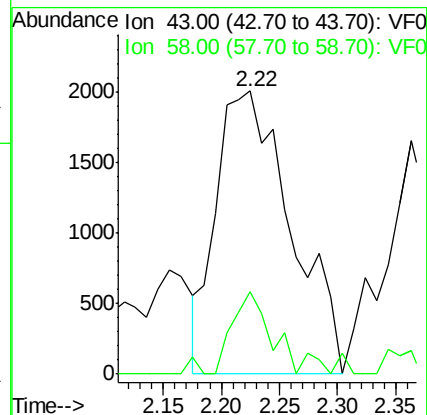
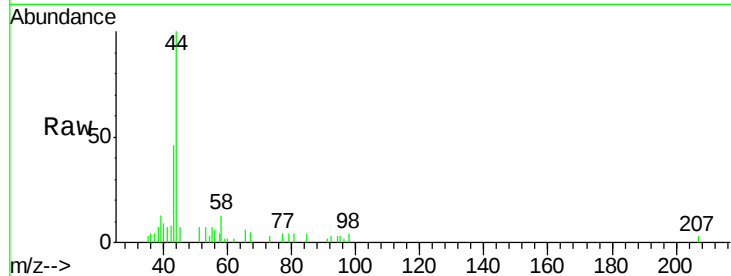
EO-02-010419-B

Tot Ion: 43 Resp: 8929

Ion Ratio Lower Upper

43 100

58 29.3 13.0 19.4#



#18

Methyl Acetate

Concen: 21.711 ug/l

RT: 2.36 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF061278.D

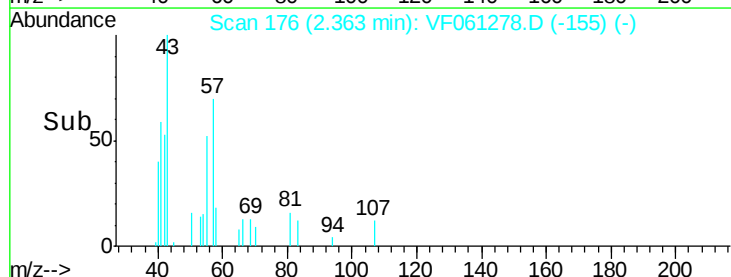
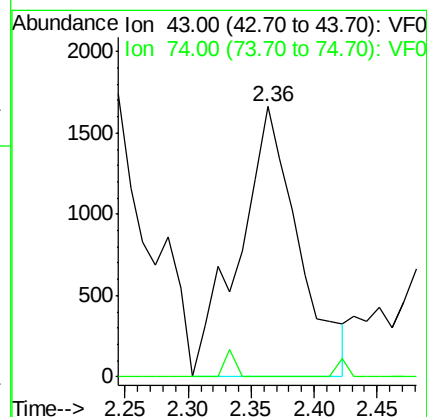
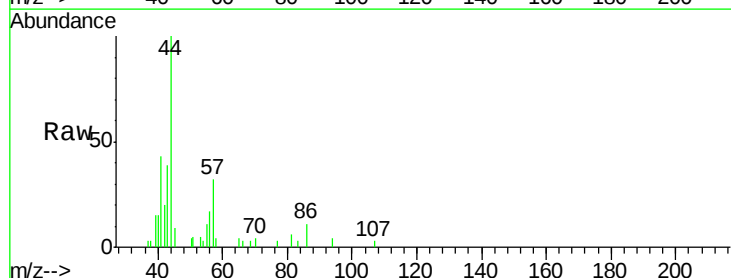
Acq: 7 Jan 2019 14:42

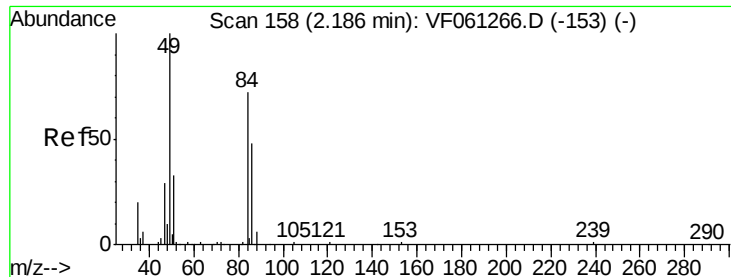
Tgt Ion: 43 Resp: 5440

Ion Ratio Lower Upper

43 100

74 0.0 14.4 21.6#

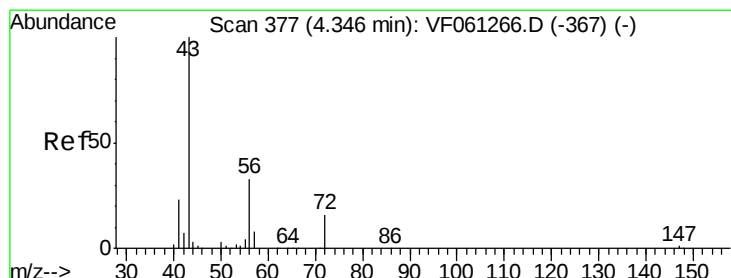
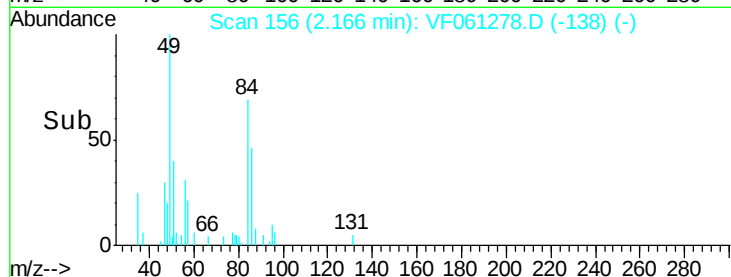
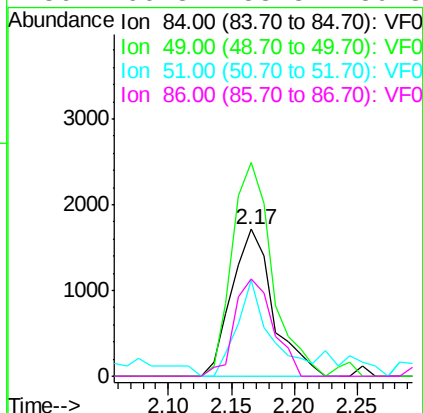
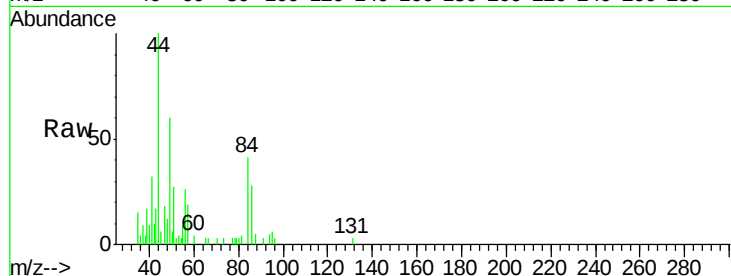




#20
Methvlene Chloride
Concen: 3.633 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

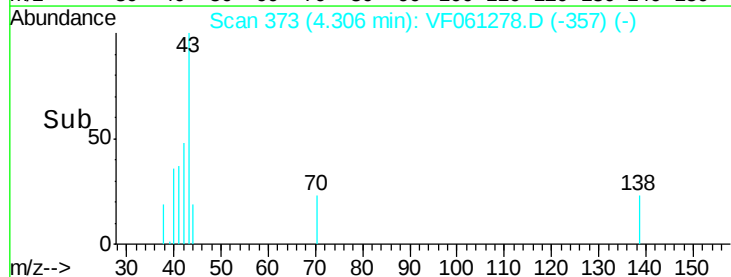
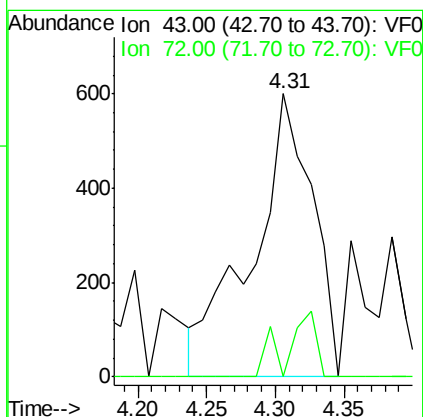
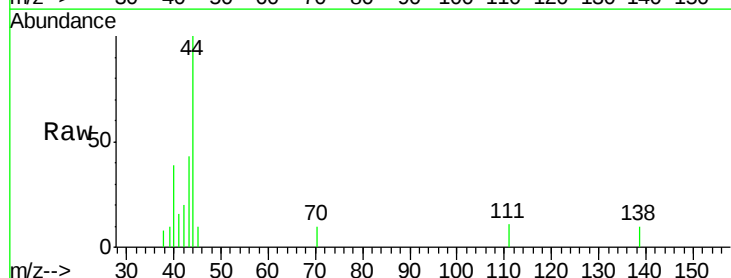
Instrument :
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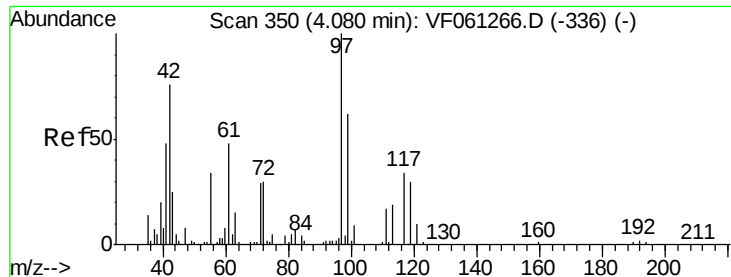
Tot Ion: 84 Resp: 3898
Ion Ratio Lower Upper
84 100
49 145.6 112.9 169.3
51 65.6 37.9 56.9#
86 66.3 53.8 80.8



#25
2-Butanone
Concen: Below Cal
RT: 4.31 min Scan# 373
Delta R.T. -0.04 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
72 0.0 13.0 19.6#

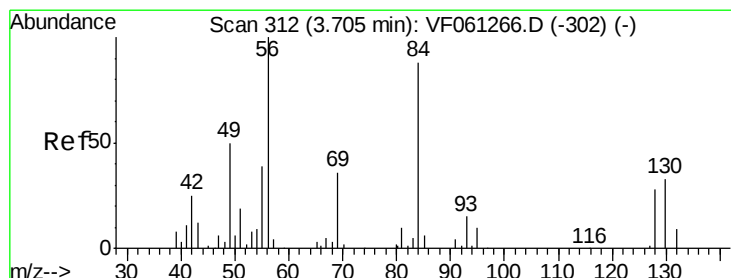
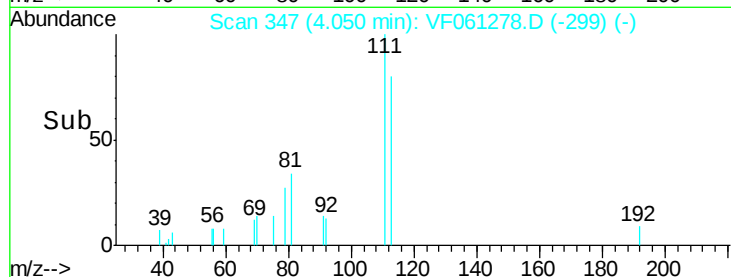
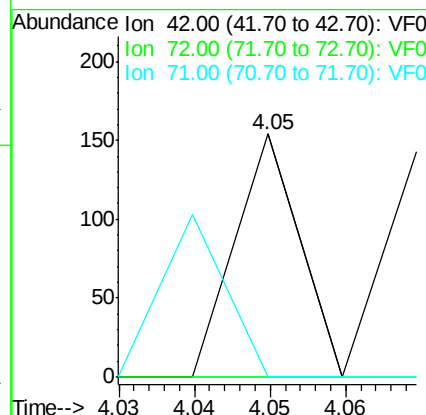
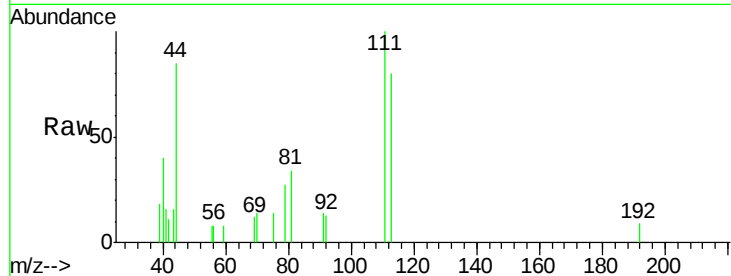




#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

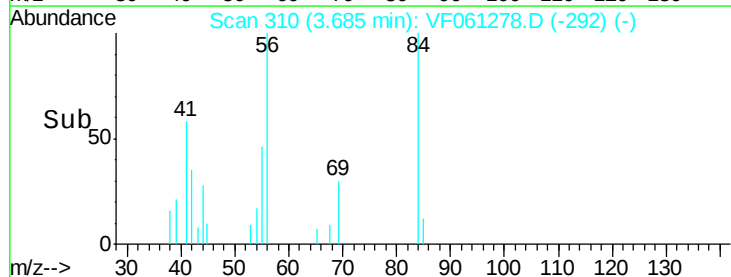
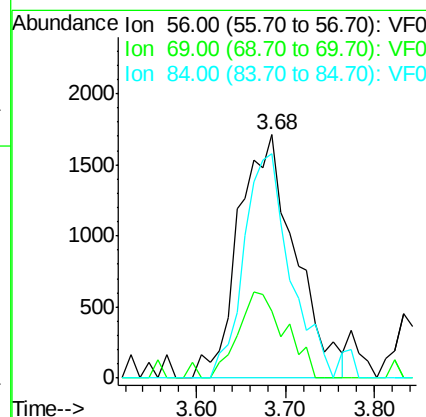
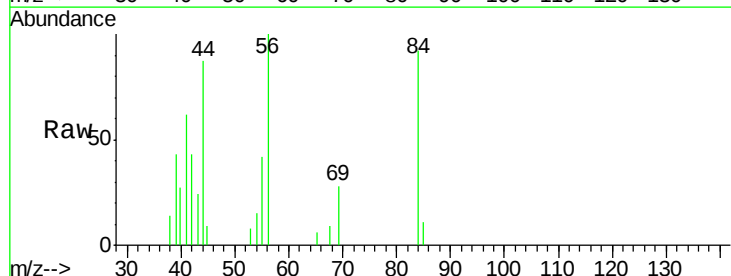
Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

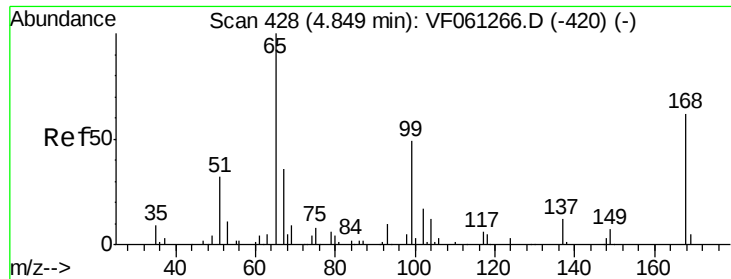
Tot Ion: 42 Resp: 91
Ion Ratio Lower Upper
42 100
72 0.0 29.2 43.8#
71 0.0 29.1 43.7#



#31
Cyclohexane
Concen: 7.515 ug/l
RT: 3.68 min Scan# 310
Delta R.T. -0.02 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion: 56 Resp: 7569
Ion Ratio Lower Upper
56 100
69 27.7 28.7 43.1#
84 92.2 70.6 106.0





#33

1,2-Dichloroethane-d4

Concen: 31.311 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

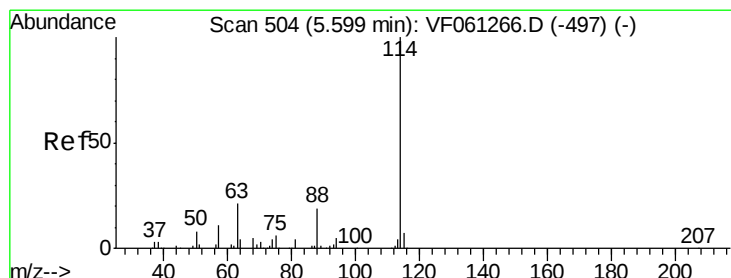
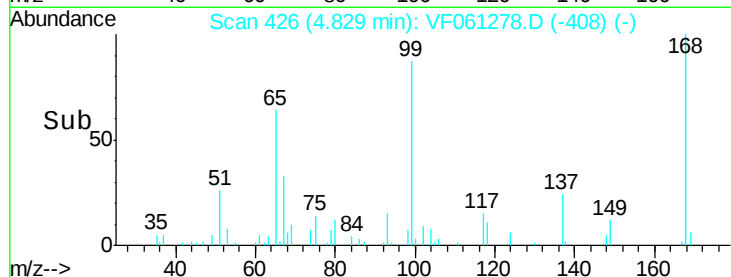
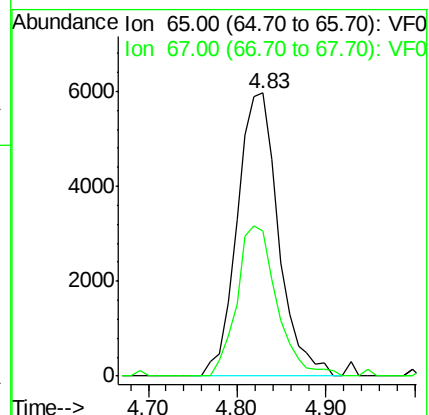
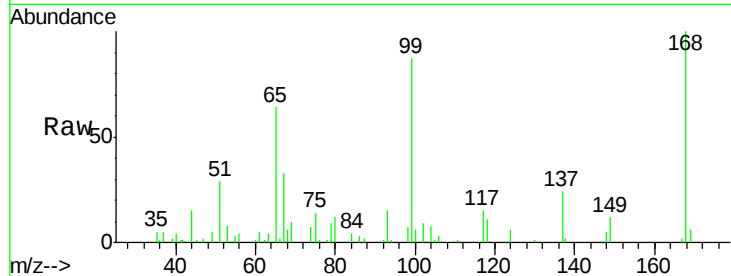
EO-02-010419-B

Tot Ion: 65 Resp: 19246

Ion Ratio Lower Upper

65 100

67 51.3 0.0 90.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.03 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

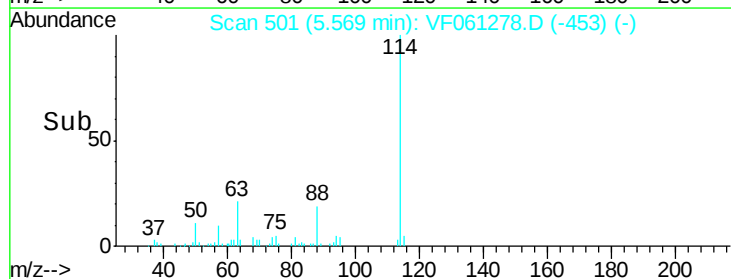
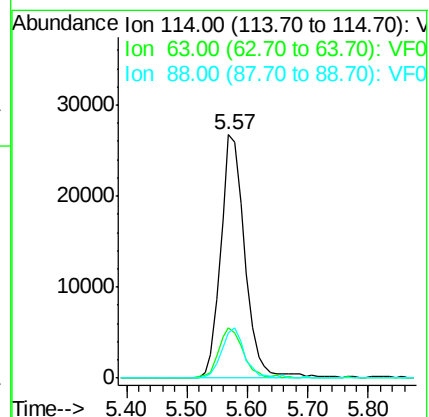
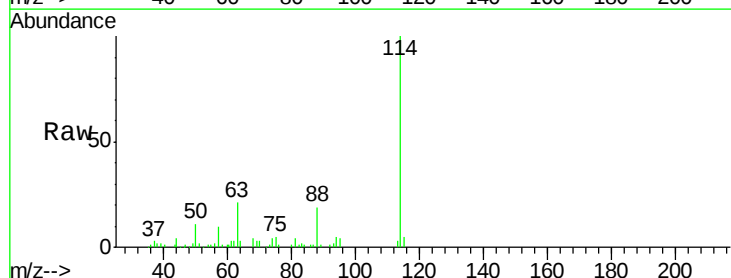
Tgt Ion: 114 Resp: 74449

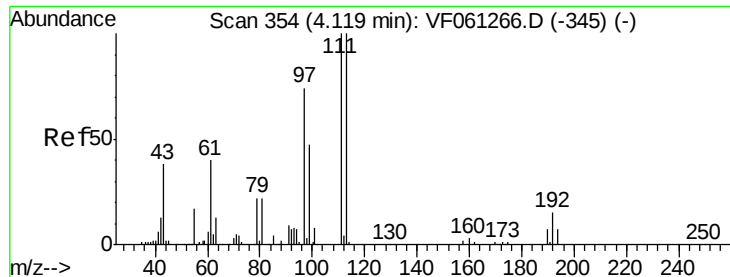
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

88 18.8 0.0 38.4





#35

Dibromofluoromethane

Concen: 48.269 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

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EO-02-010419-B

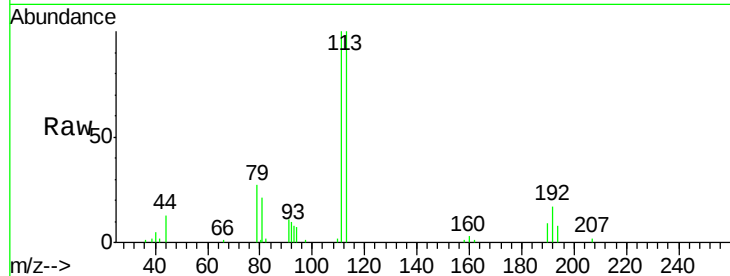
Tot Ion:113 Resp: 27647

Ion Ratio Lower Upper

113 100

111 99.8 79.8 119.6

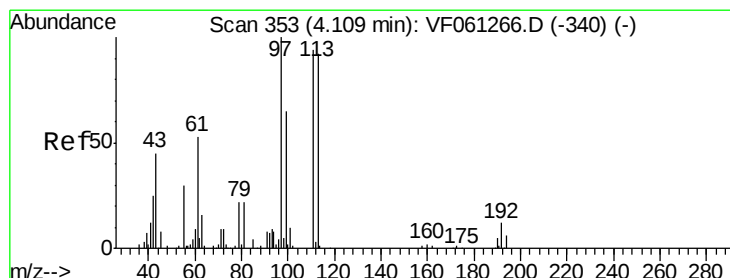
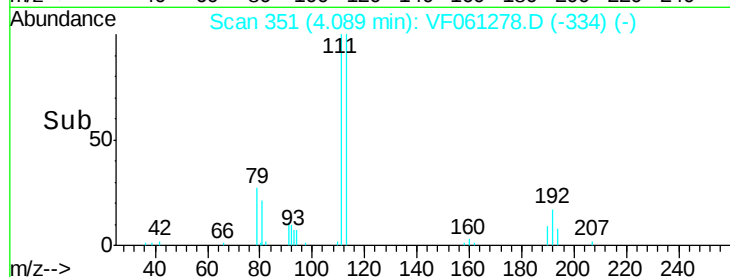
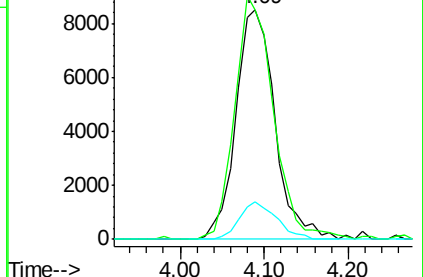
192 16.6 11.9 17.9



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#37

Ethyl Acetate

Concen: 1.145 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

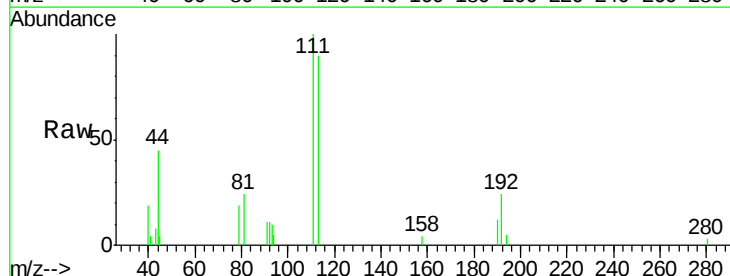
Tgt Ion: 43 Resp: 401

Ion Ratio Lower Upper

43 100

61 0.0 91.2 136.8#

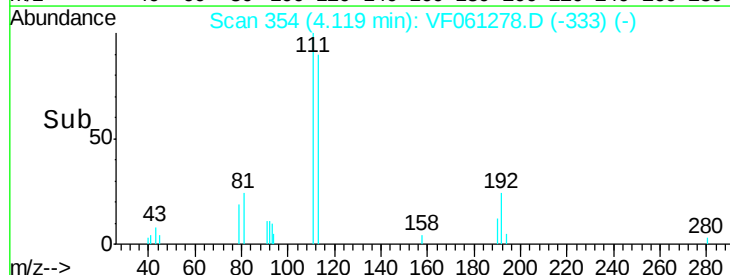
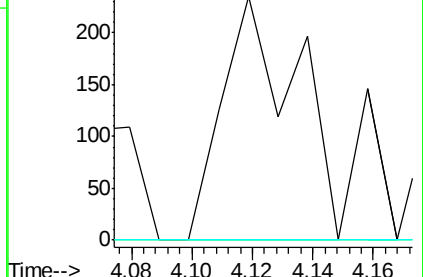
70 0.0 7.1 10.7#

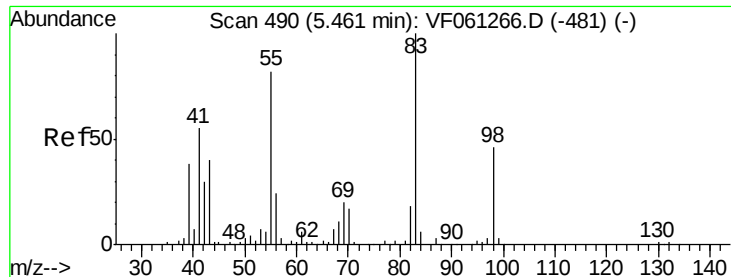


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

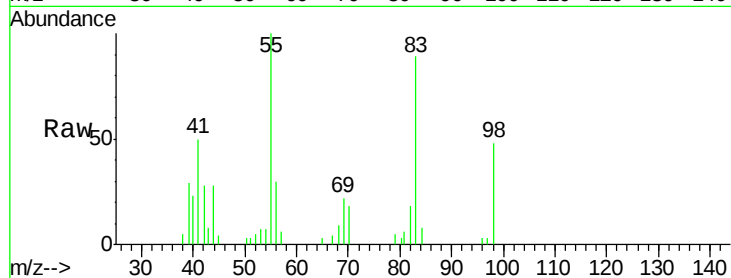




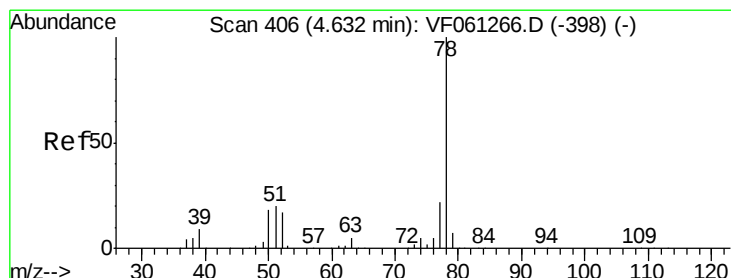
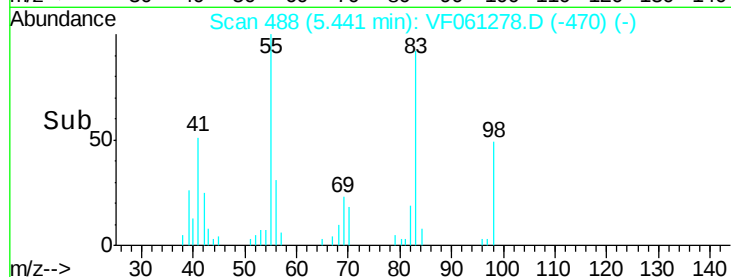
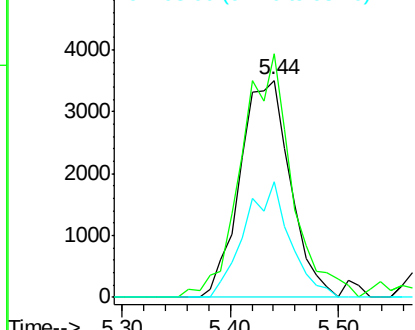
#39
Methvlcvclohexane
Concen: 12.137 ug/l
RT: 5.44 min Scan# 488
Delta R.T. -0.02 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

Tot Ion: 83 Resp: 11376
Ion Ratio Lower Upper
83 100
55 112.2 65.6 98.4#
98 53.4 36.7 55.1

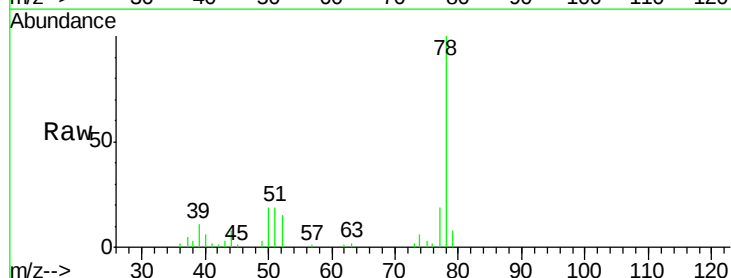


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

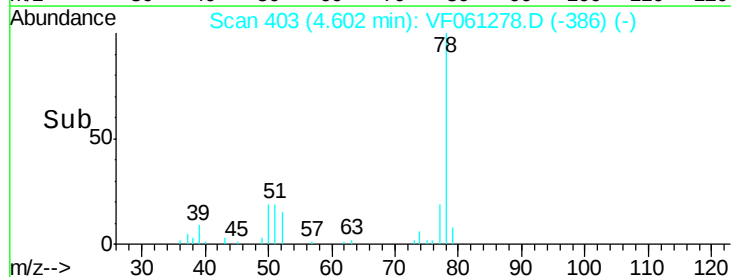
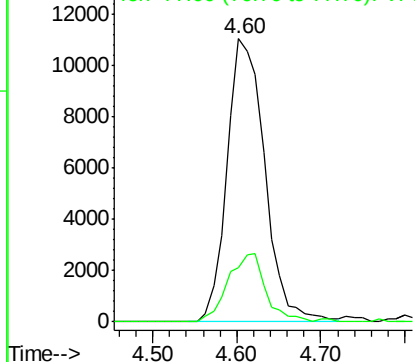


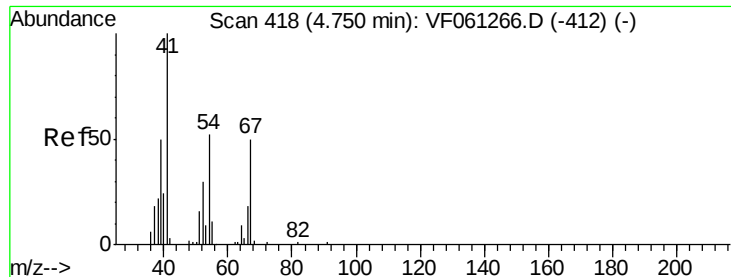
#40
Benzene
Concen: 17.305 ug/l
RT: 4.60 min Scan# 403
Delta R.T. -0.03 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion: 78 Resp: 34436
Ion Ratio Lower Upper
78 100
77 19.2 18.0 27.0



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

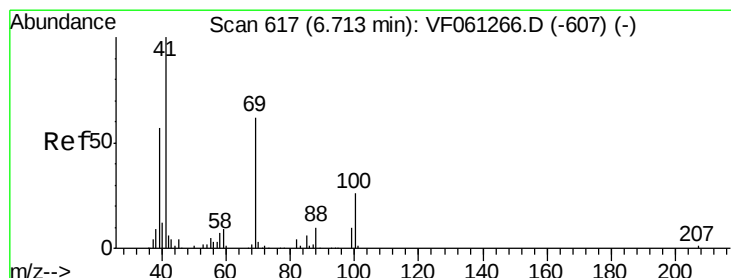
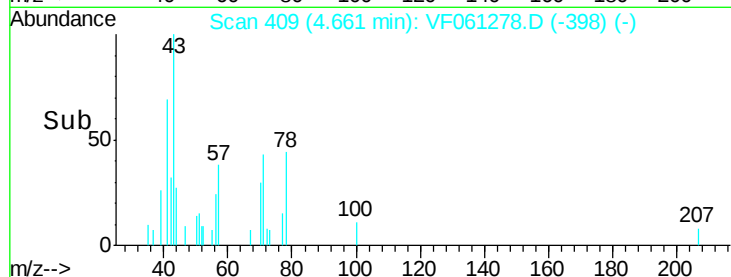
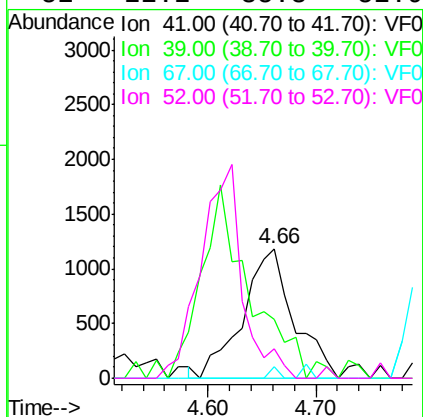
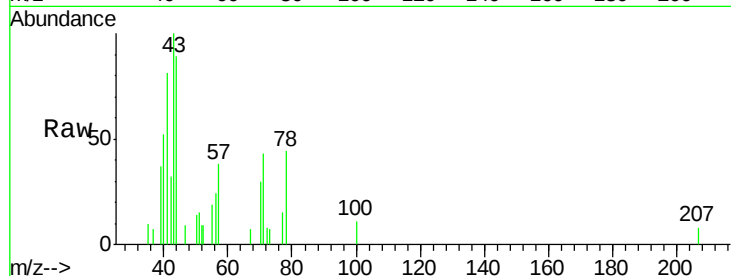




#41
Methacrylonitrile
Concen: 20.535 ug/l
RT: 4.66 min Scan# 409
Delta R.T. -0.09 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

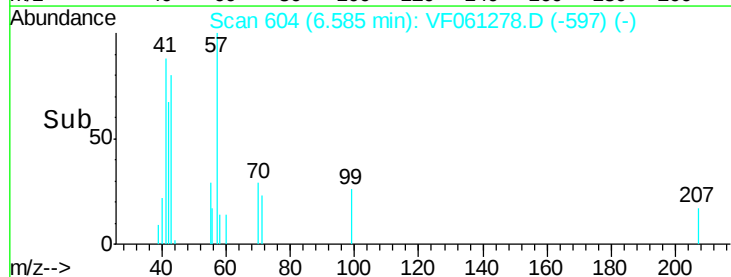
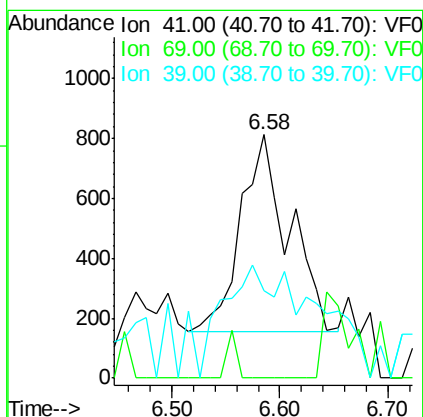
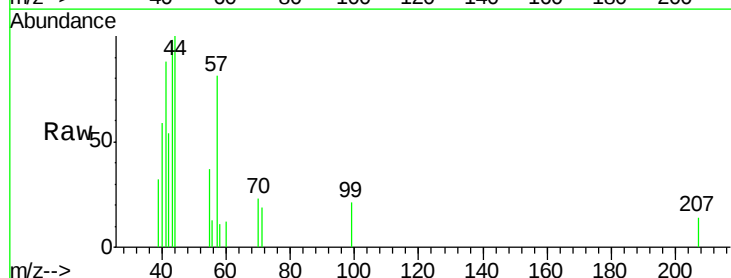
Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

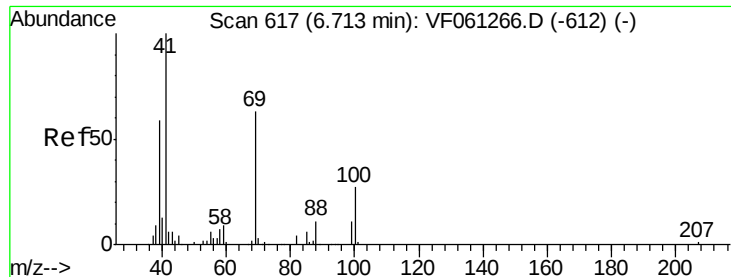
Tot Ion:	41	Resp:	3881
Ion	Ratio	Lower	Upper
41	100		
39	45.7	44.6	66.8
67	8.4	39.3	58.9#
52	22.2	35.3	52.9#



#48
Methyl methacrylate
Concen: 6.781 ug/l
RT: 6.58 min Scan# 604
Delta R.T. -0.13 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion:	41	Resp:	2051
Ion	Ratio	Lower	Upper
41	100		
69	0.0	49.8	74.8#
39	35.9	46.4	69.6#





#49

1,4-Dioxane

Concen: 35.785 ug/l

RT: 6.59 min Scan# 605

Delta R.T. -0.12 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

EO-02-010419-B

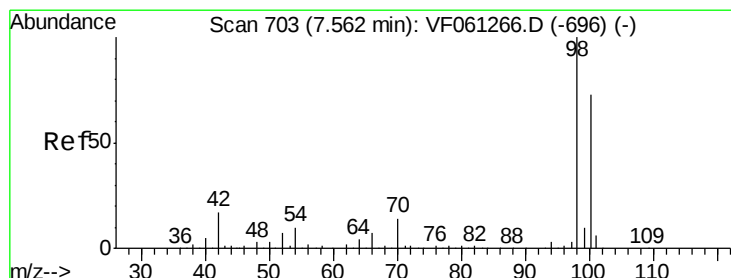
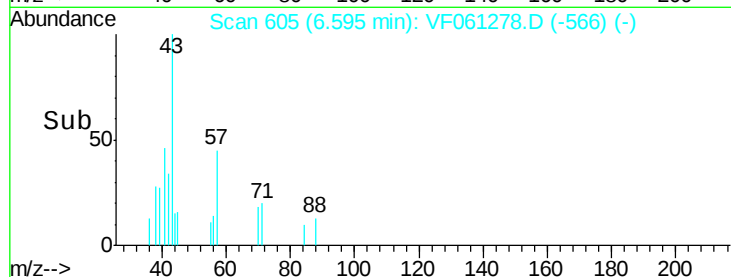
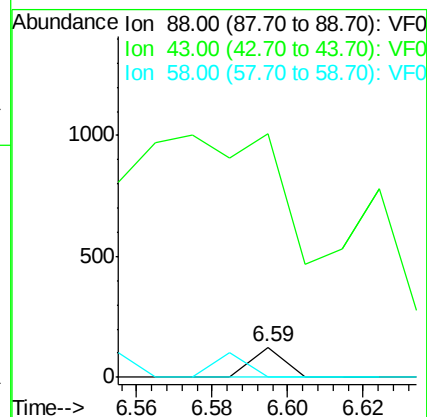
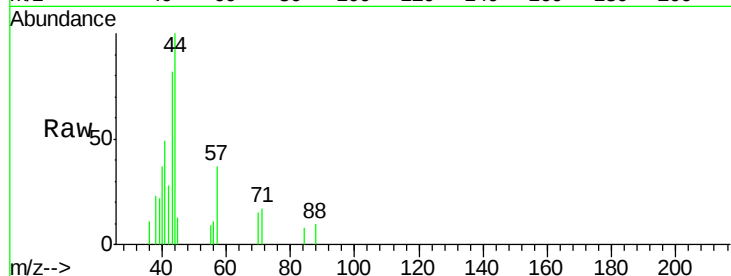
Tot Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 799.2 55.2 82.8#

58 0.0 50.9 76.3#



#50

Toluene-d8

Concen: 43.985 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061278.D

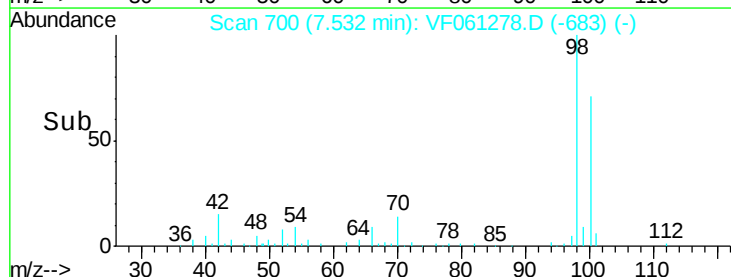
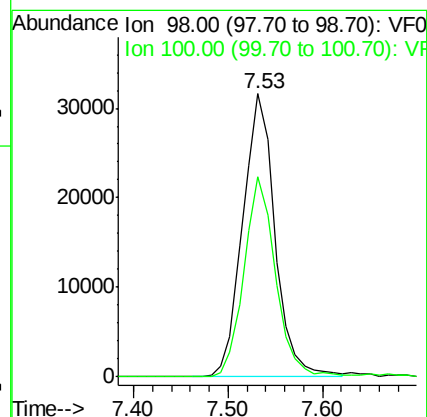
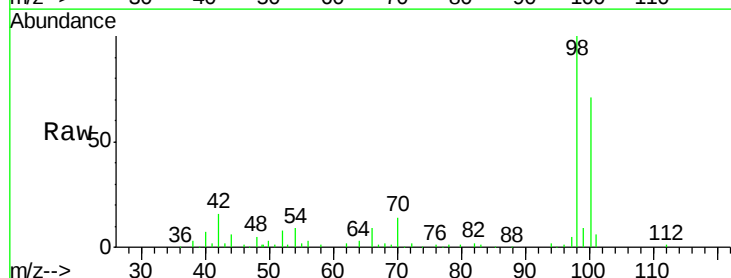
Acq: 7 Jan 2019 14:42

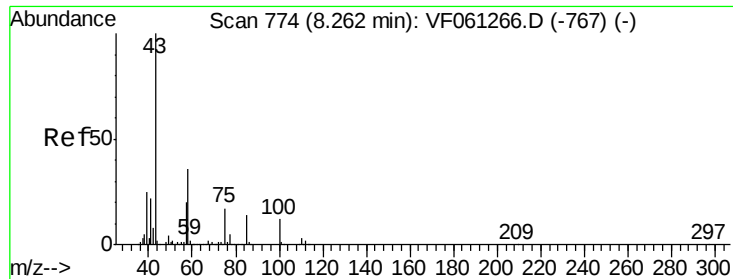
Tgt Ion: 98 Resp: 74761

Ion Ratio Lower Upper

98 100

100 70.6 58.1 87.1





#51

4-Methyl-2-Pentanone

Concen: Below Cal

RT: 8.18 min Scan# 766

Delta R.T. -0.08 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

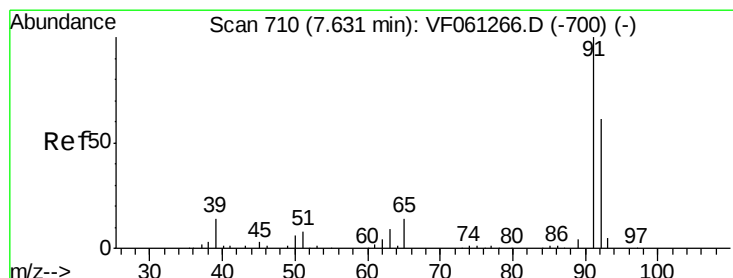
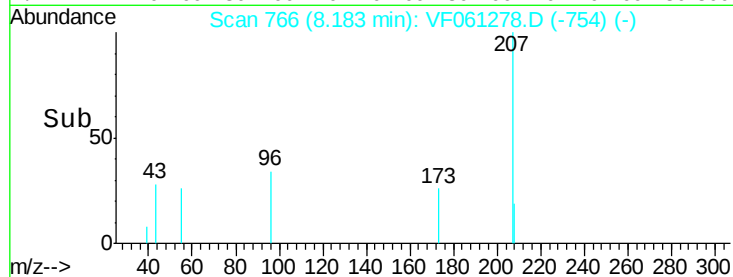
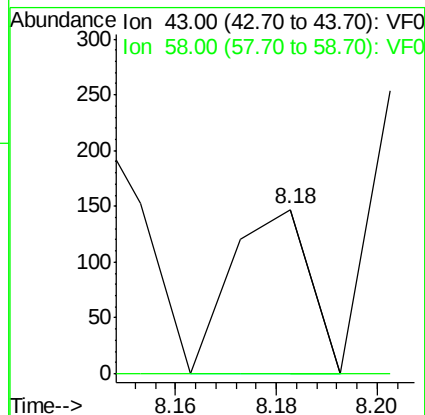
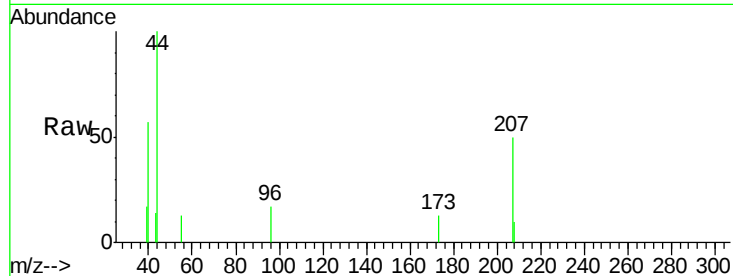
EO-02-010419-B

Tot Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



#52

Toluene

Concen: 23.728 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.03 min

Lab File: VF061278.D

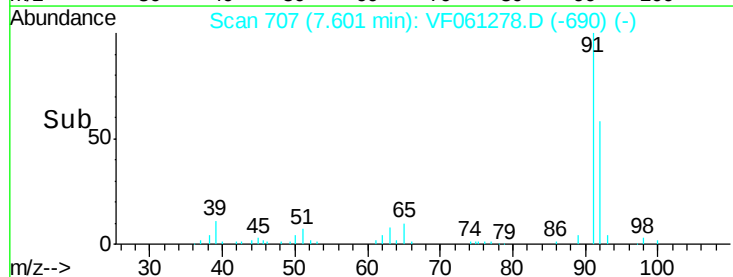
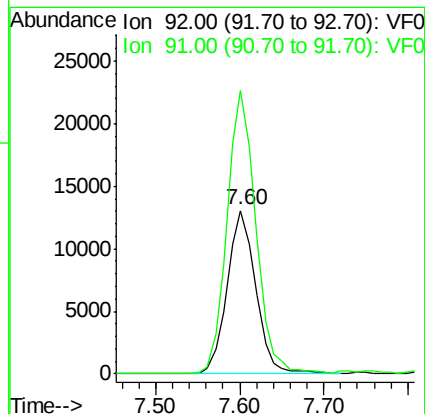
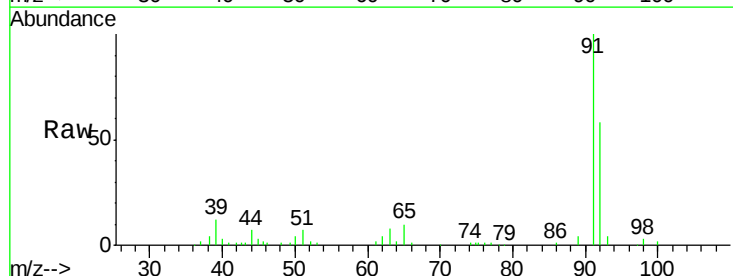
Acq: 7 Jan 2019 14:42

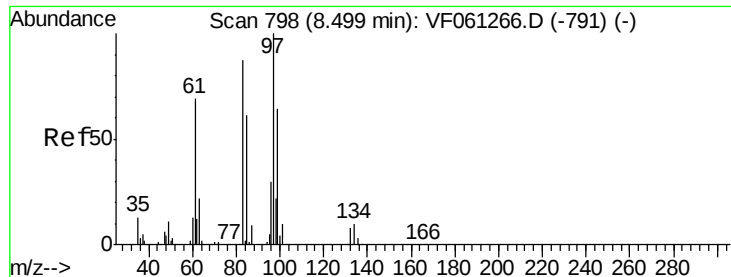
Tgt Ion: 92 Resp: 30831

Ion Ratio Lower Upper

92 100

91 173.2 130.5 195.7





#55

1,1,2-Trichloroethane

Concen: 1.667 ug/l

RT: 8.36 min Scan# 784

Delta R.T. -0.14 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

EO-02-010419-B

Tot Ion: 97 Resp: 623

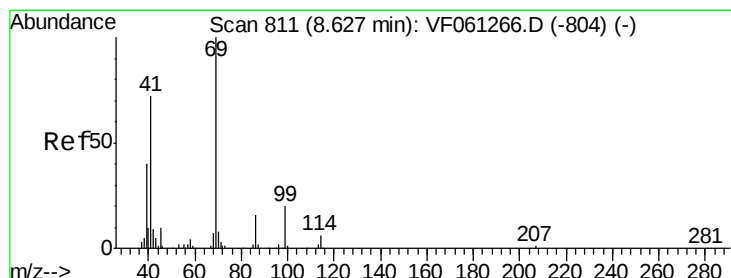
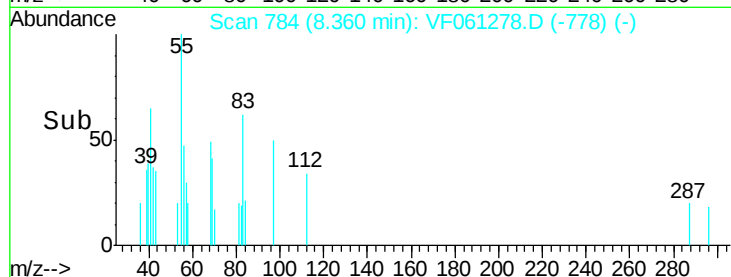
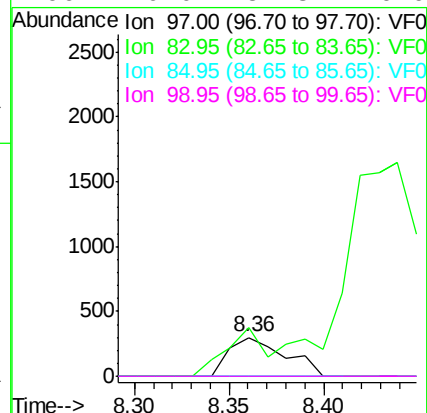
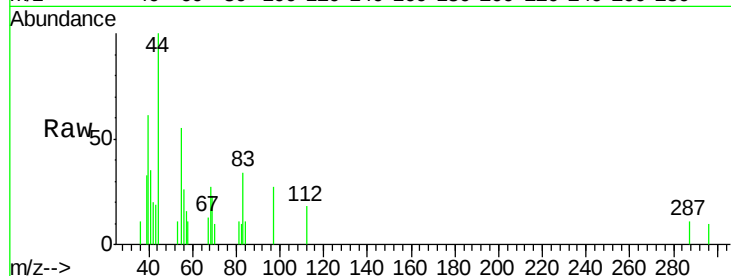
Ion Ratio Lower Upper

97 100

83 124.7 69.7 104.5#

85 0.0 49.1 73.7#

99 0.0 51.3 76.9#



#56

Ethyl methacrylate

Concen: 6.325 ug/l

RT: 8.60 min Scan# 808

Delta R.T. -0.03 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

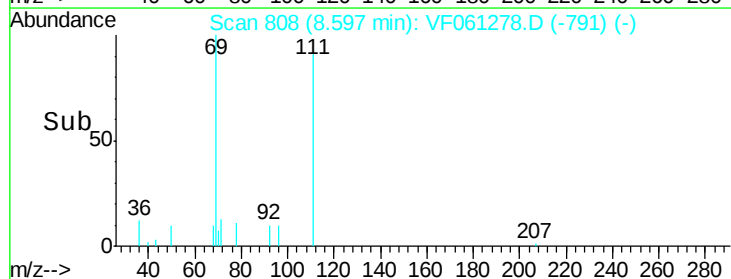
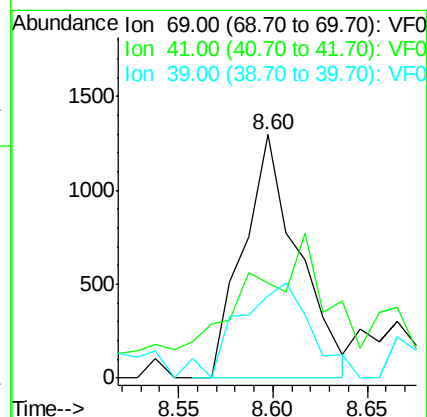
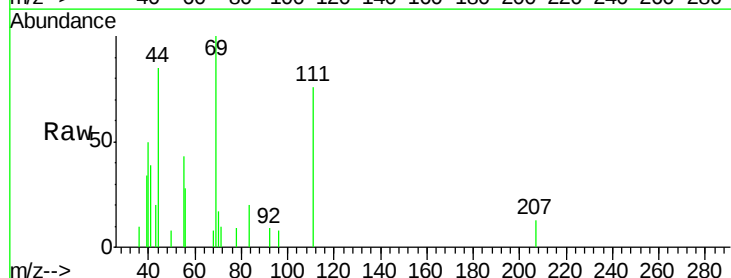
Tgt Ion: 69 Resp: 2612

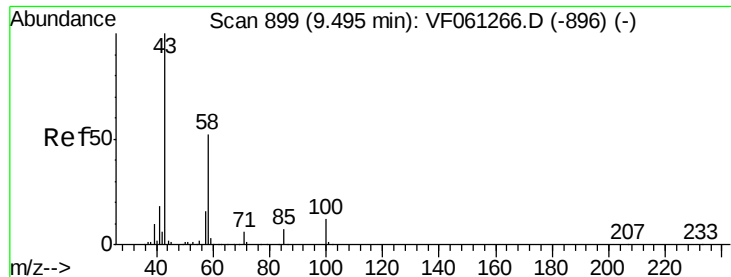
Ion Ratio Lower Upper

69 100

41 38.9 58.1 87.1#

39 33.8 32.6 49.0

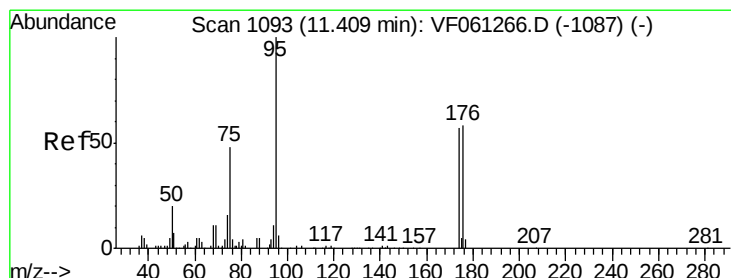
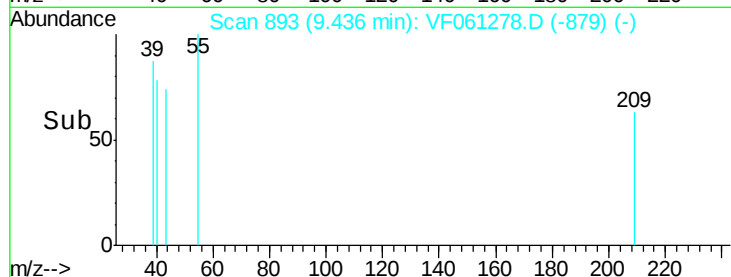
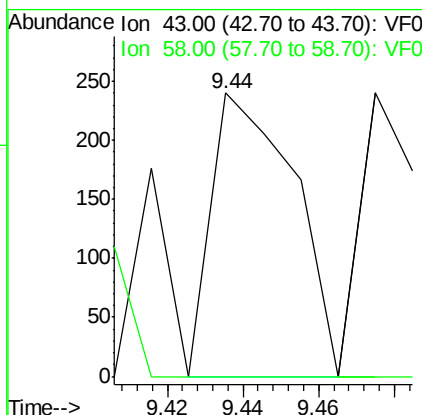
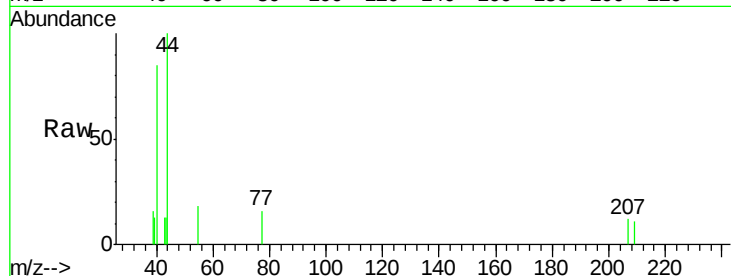




#59
2-Hexanone
Concen: 1.545 ug/l
RT: 9.44 min Scan# 893
Delta R.T. -0.06 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

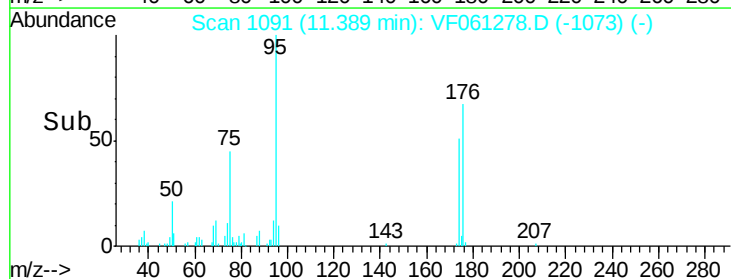
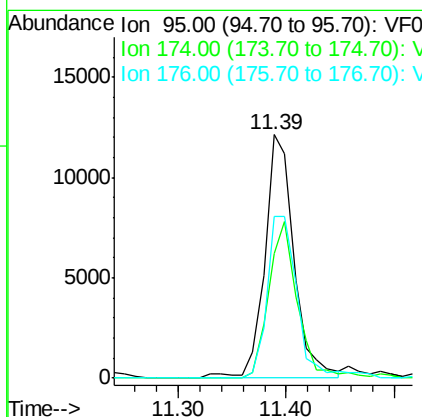
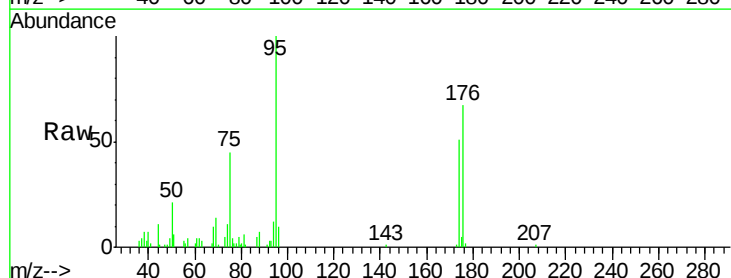
Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

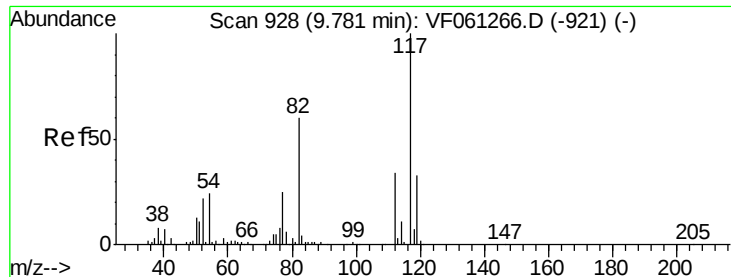
Tot Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 30.294 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion: 95 Resp: 22815
Ion Ratio Lower Upper
95 100
174 50.9 0.0 113.2
176 68.7 0.0 115.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.03 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

EO-02-010419-B

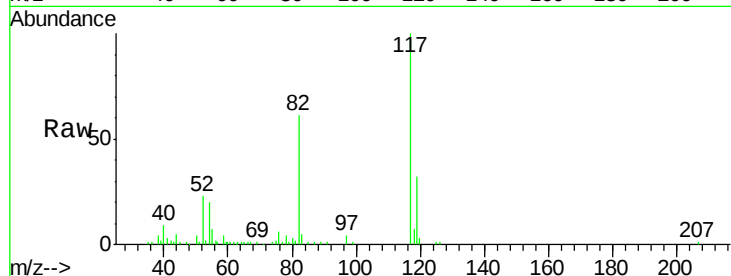
Tot Ion:117 Resp: 53326

Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.6

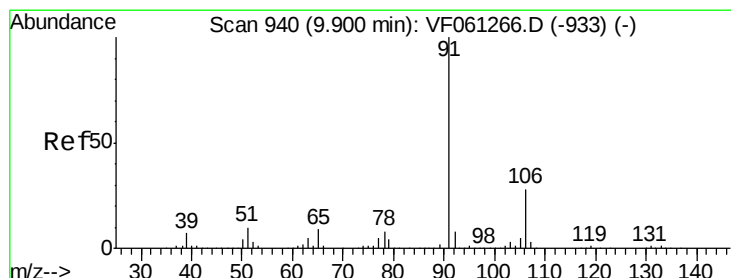
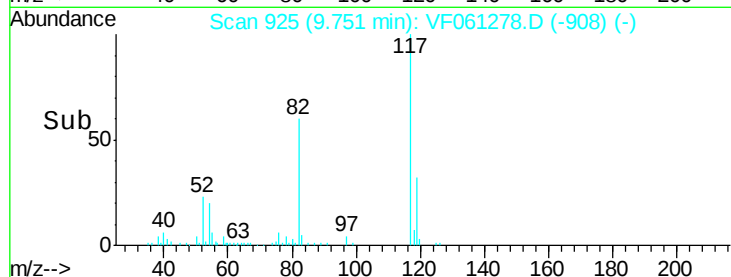
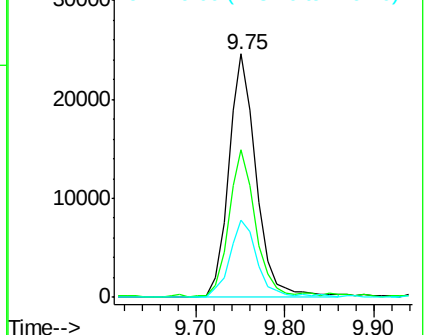
119 31.6 26.1 39.1



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



#67

Ethyl Benzene

Concen: 7.973 ug/l

RT: 9.88 min Scan# 938

Delta R.T. -0.02 min

Lab File: VF061278.D

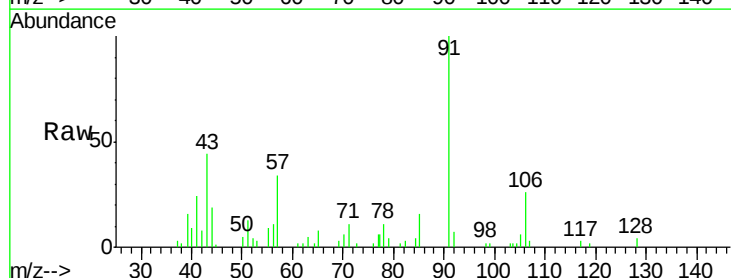
Acq: 7 Jan 2019 14:42

Tgt Ion: 91 Resp: 15892

Ion Ratio Lower Upper

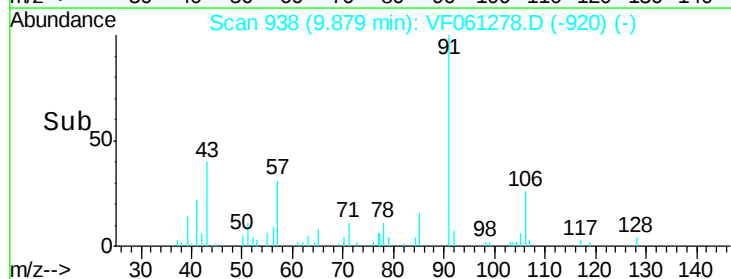
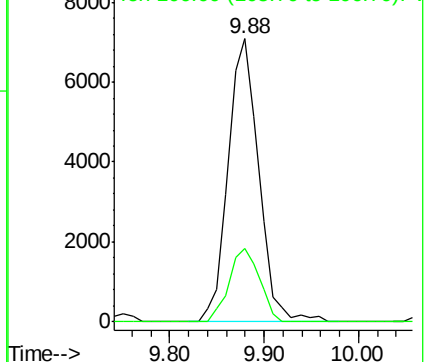
91 100

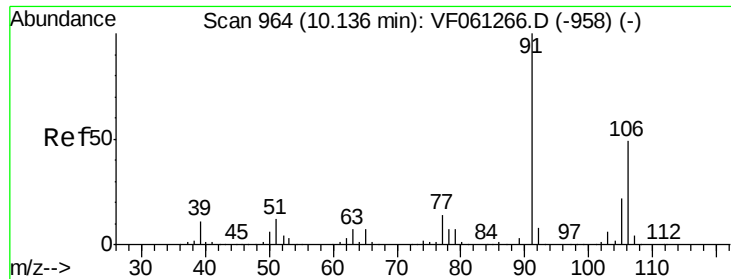
106 25.8 22.8 34.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

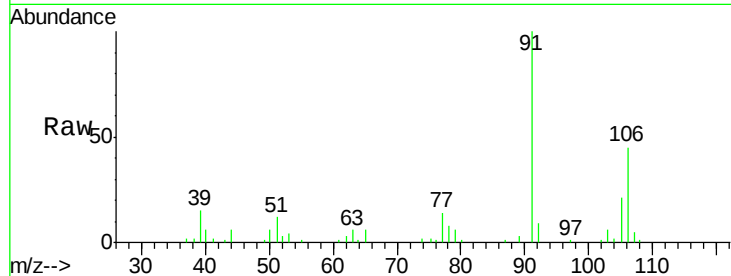




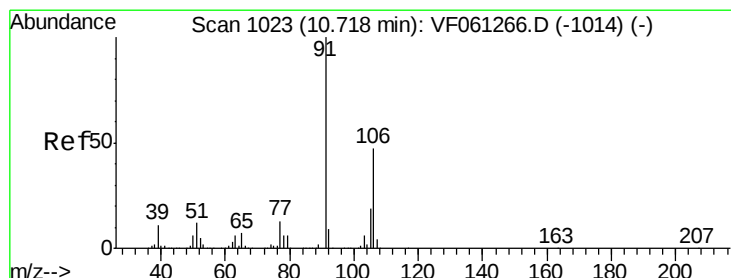
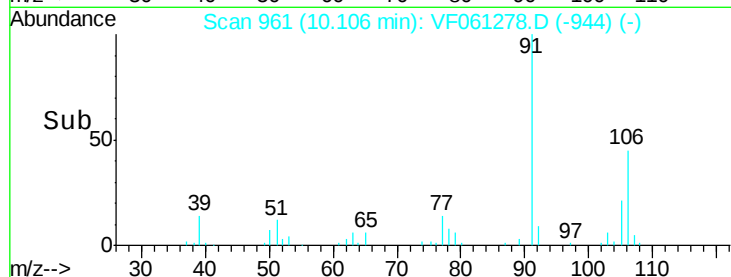
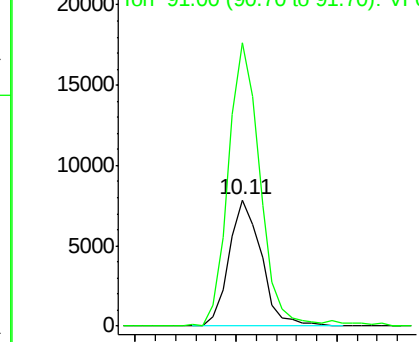
#68
m/p-Xylenes
Concen: 24.064 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.03 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

Tot Ion:106 Resp: 17505
Ion Ratio Lower Upper
106 100
91 224.6 164.8 247.2

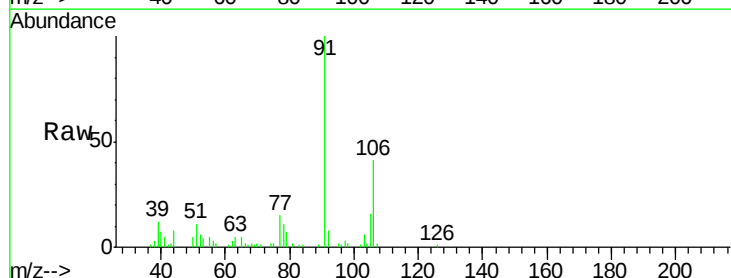


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

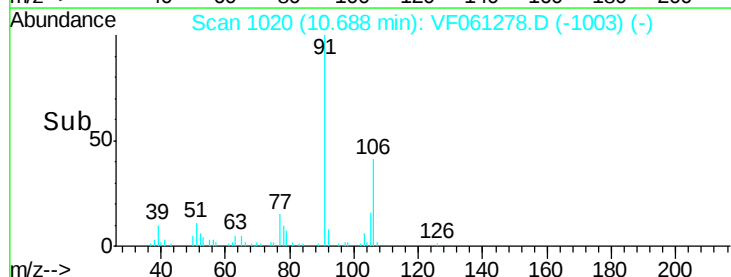
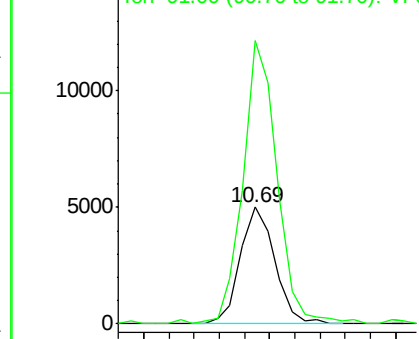


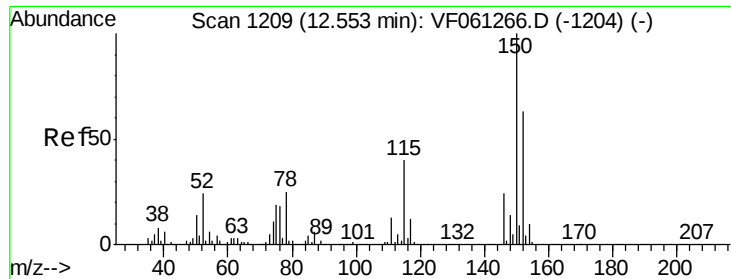
#69
o-Xylene
Concen: 12.056 ug/l
RT: 10.69 min Scan# 1020
Delta R.T. -0.03 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion:106 Resp: 9487
Ion Ratio Lower Upper
106 100
91 242.5 106.2 318.5



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



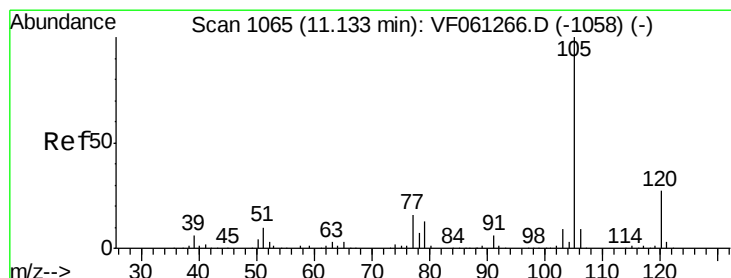
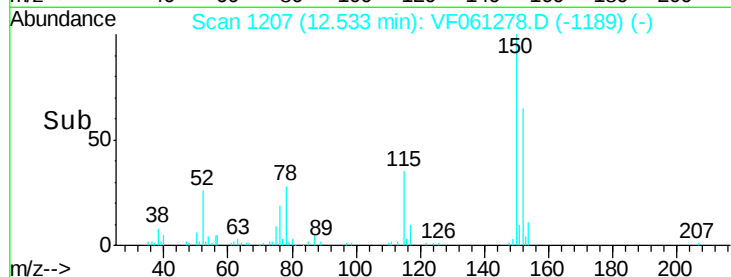
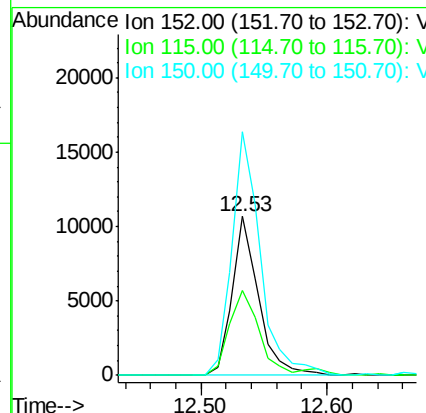
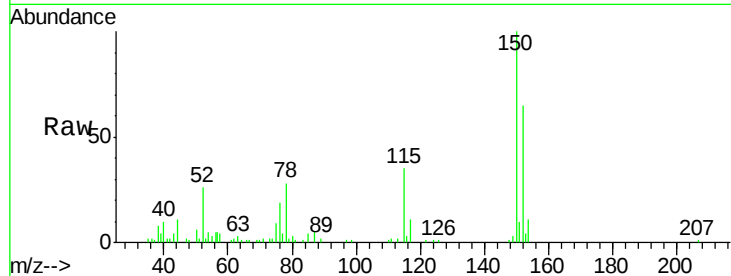


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

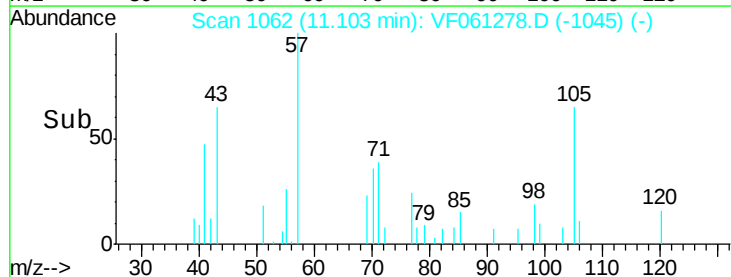
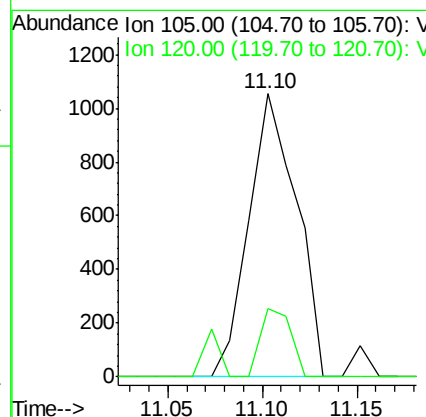
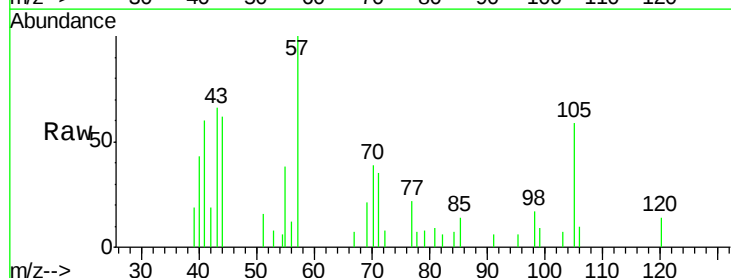
Tot Ion:152 Resp: 15402
Ion Ratio Lower Upper
152 100
115 53.4 31.6 94.7
150 153.5 0.0 320.2

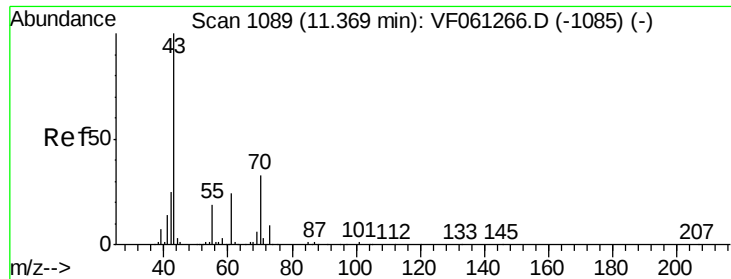


#73

Isopropylbenzene
Concen: 1.407 ug/l
RT: 11.10 min Scan# 1062
Delta R.T. -0.03 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion:105 Resp: 1841
Ion Ratio Lower Upper
105 100
120 24.1 13.4 40.1





#74

N-amvl acetate

Concen: 1.880 ug/l

RT: 11.35 min Scan# 1087

Delta R.T. -0.02 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

EO-02-010419-B

Tot Ion: 43 Resp: 621

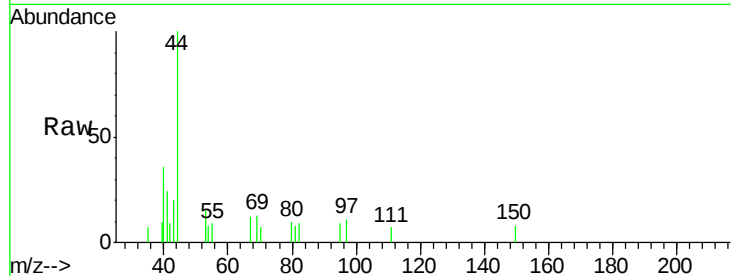
Ion Ratio Lower Upper

43 100

70 33.9 26.7 40.1

55 45.0 15.4 23.0#

61 0.0 19.4 29.0#

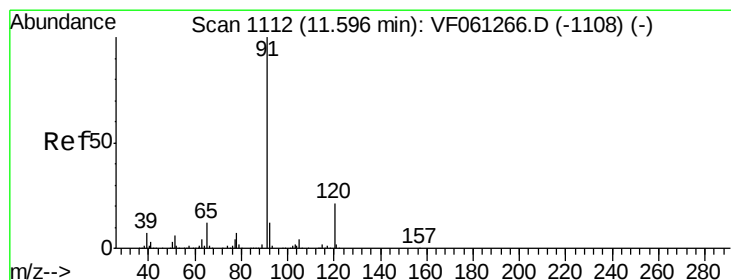
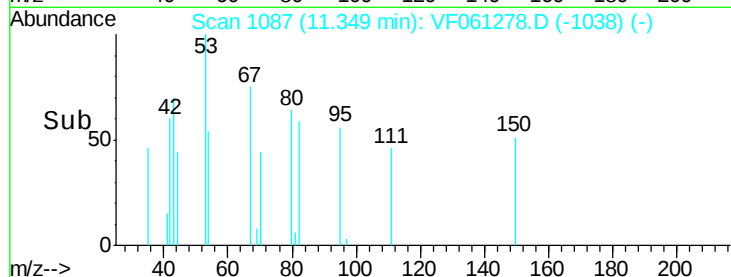
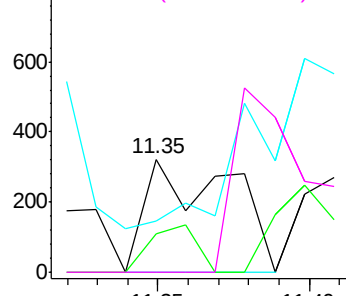


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#78

n-propylbenzene

Concen: 2.345 ug/l

RT: 11.58 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VF061278.D

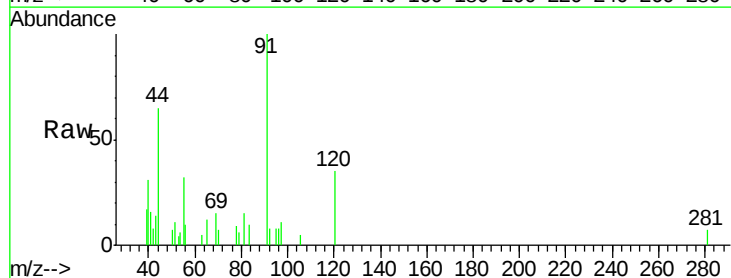
Acq: 7 Jan 2019 14:42

Tgt Ion: 91 Resp: 3657

Ion Ratio Lower Upper

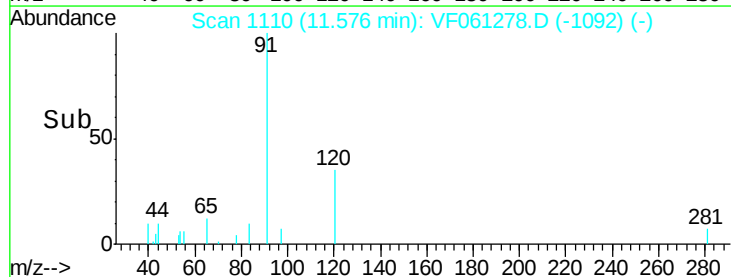
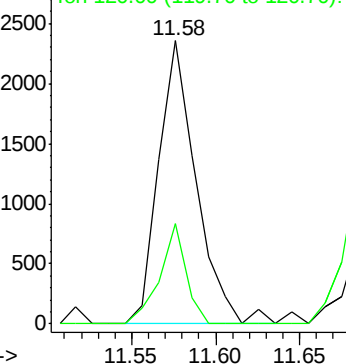
91 100

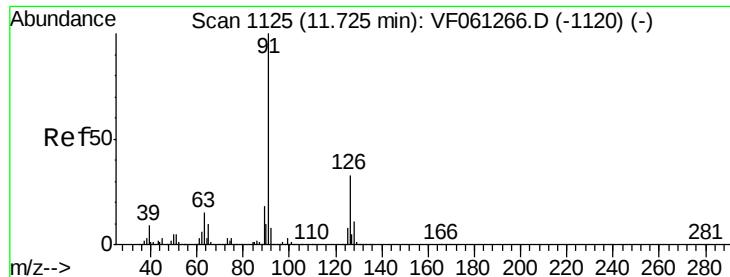
120 35.3 10.6 31.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.255 ug/l

RT: 11.71 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF061278.D

Acq: 7 Jan 2019 14:42

Instrument :

MSVOA_F

ClientSampleId :

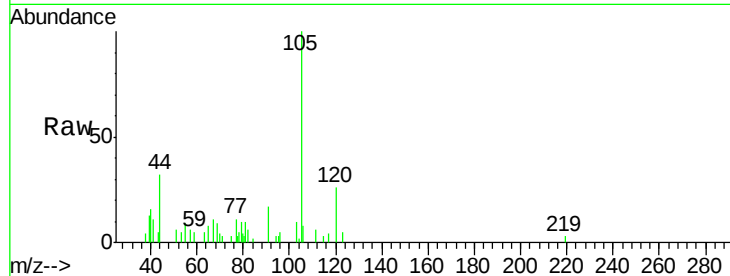
EO-02-010419-B

Tot Ion: 91 Resp: 2031

Ion Ratio Lower Upper

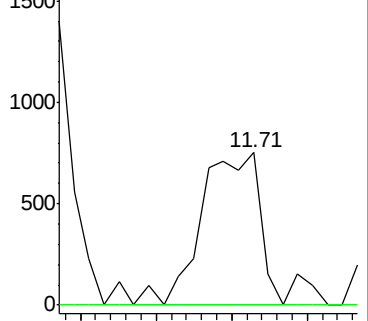
91 100

126 0.0 16.3 48.8#

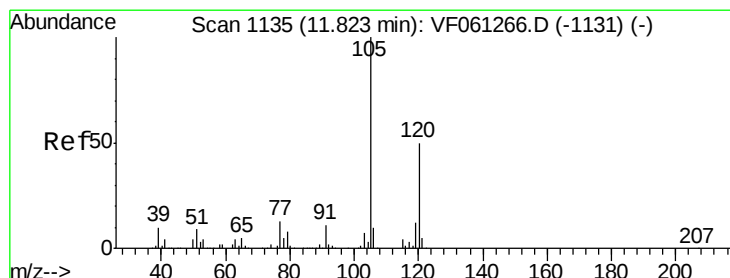
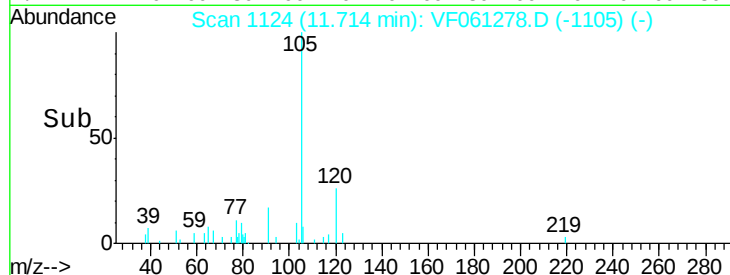


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 10.830 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. -0.02 min

Lab File: VF061278.D

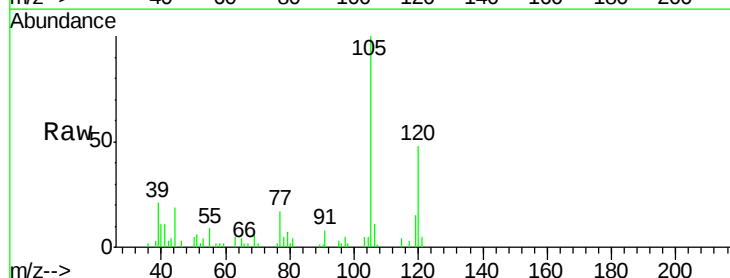
Acq: 7 Jan 2019 14:42

Tgt Ion:105 Resp: 11439

Ion Ratio Lower Upper

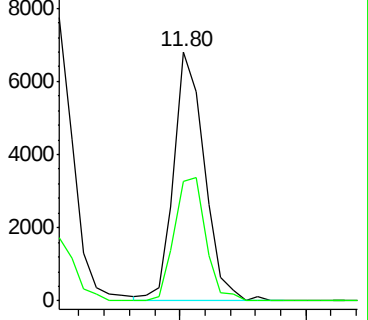
105 100

120 47.8 24.8 74.4

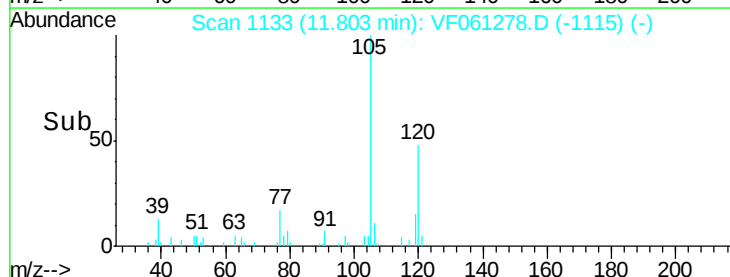


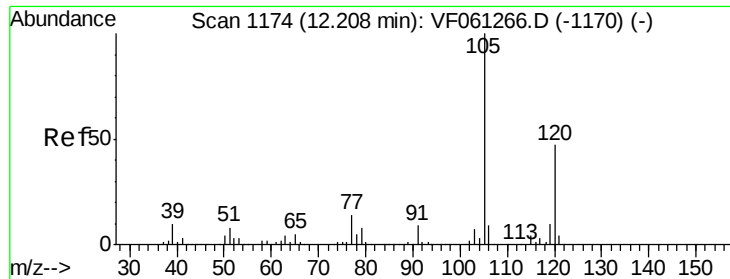
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

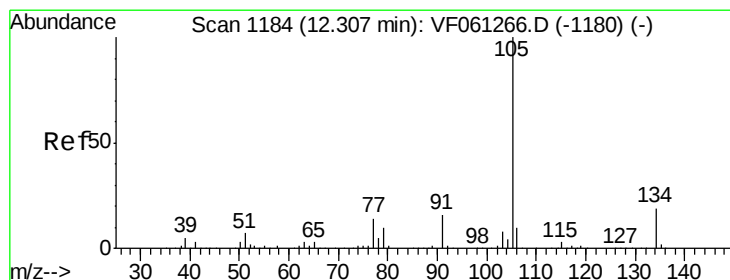
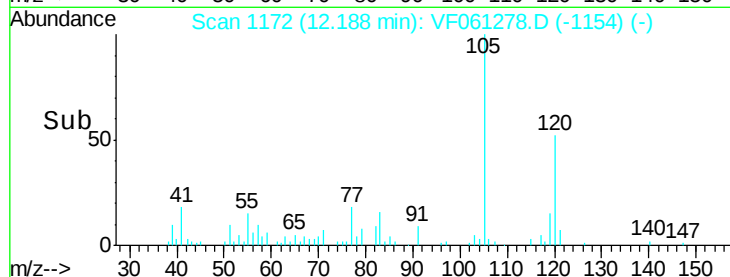
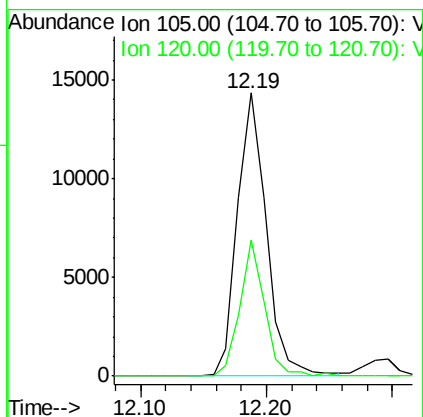
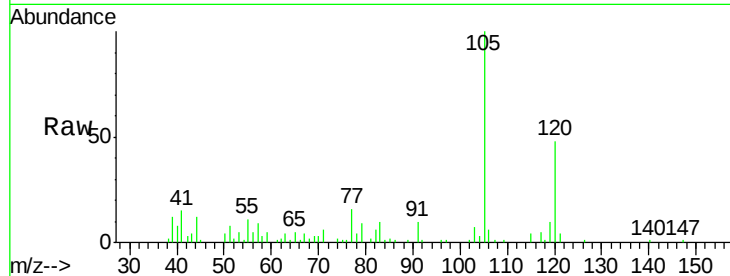




#84
 1,2,4-Trimethylbenzene
 Concen: 21.622 ug/l
 RT: 12.19 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: VF061278.D
 Acq: 7 Jan 2019 14:42

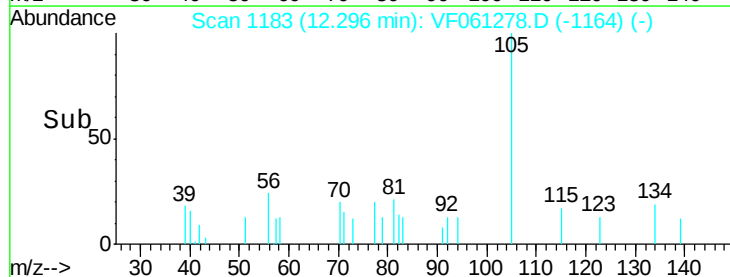
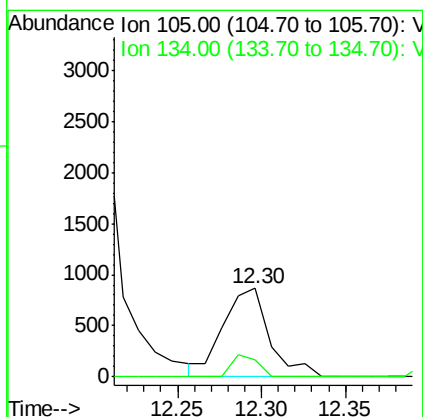
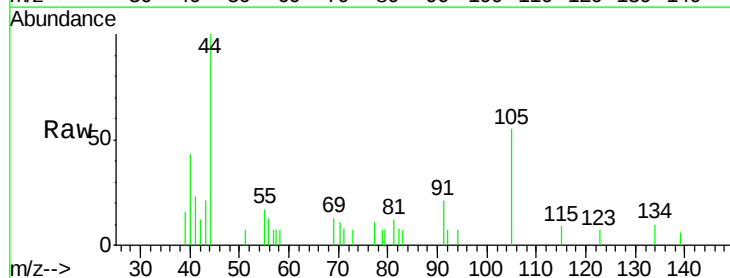
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-010419-B

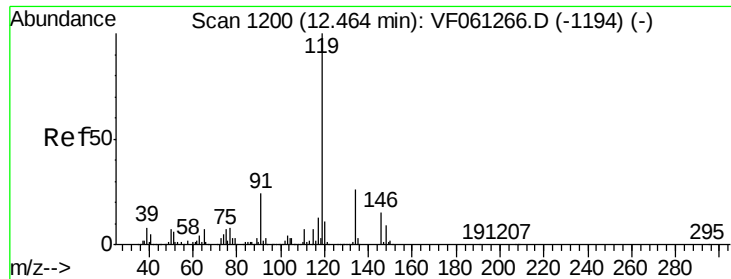
Tot Ion:105 Resp: 22735
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 1.116 ug/l
 RT: 12.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VF061278.D
 Acq: 7 Jan 2019 14:42

Tgt Ion:105 Resp: 1648
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.2

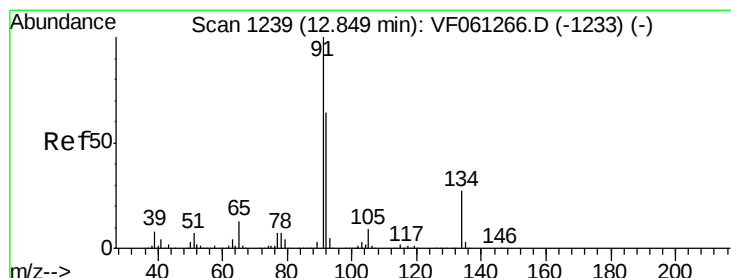
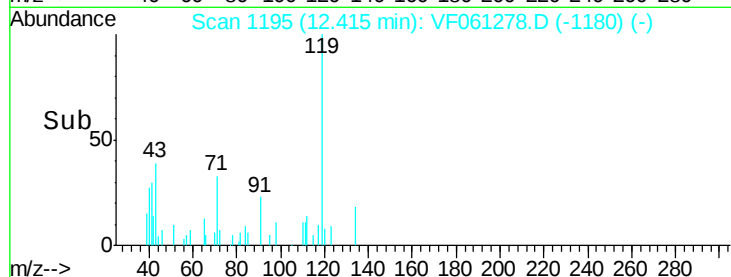
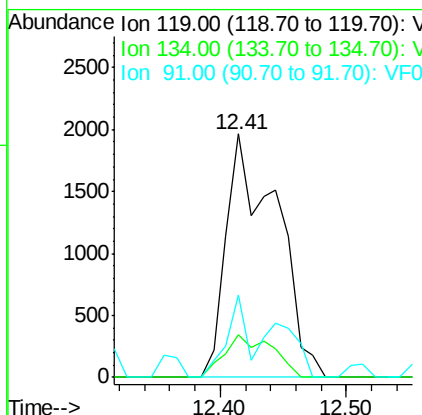
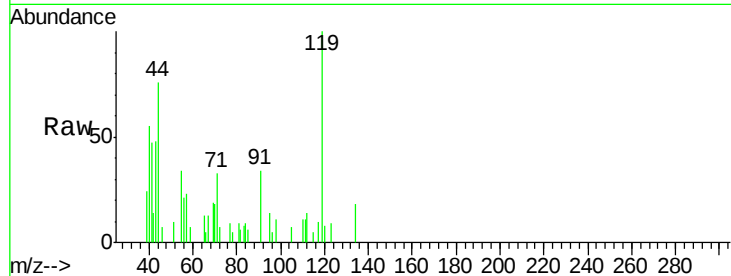




#86
p-Isopropyltoluene
Concen: 4.451 ug/l
RT: 12.41 min Scan# 1195
Delta R.T. -0.05 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

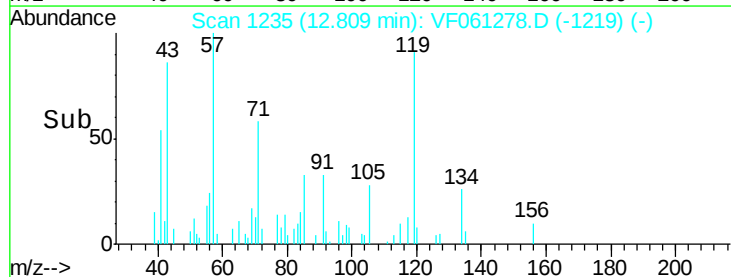
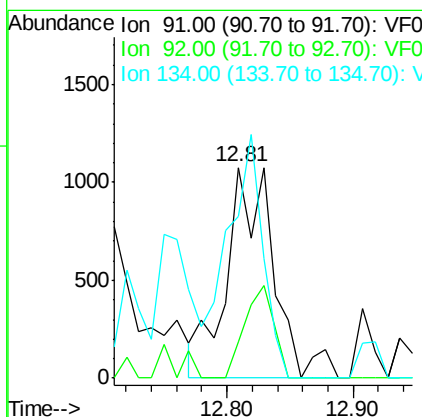
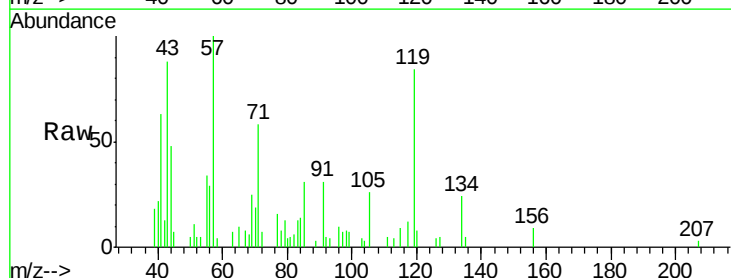
Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

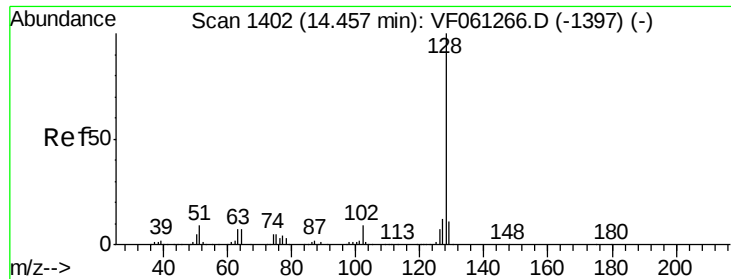
Tot Ion:119 Resp: 5418
Ion Ratio Lower Upper
119 100
134 17.7 13.2 39.6
91 33.9 11.9 35.7



#89
n-Butylbenzene
Concen: Below Cal
RT: 12.81 min Scan# 1235
Delta R.T. -0.04 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Tgt Ion: 91 Resp: 2798
Ion Ratio Lower Upper
91 100
92 17.2 31.9 95.7#
134 76.7 13.6 40.7#





#95
Naphthalene
Concen: 33.731 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF061278.D
Acq: 7 Jan 2019 14:42

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.8	14.6
129	10.8	9.0	13.4

