

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029209.D
 Acq On : 16 Jan 2019 15:06
 Operator : JC/SP
 Sample : K1012-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-B

Quant Time: Jan 17 00:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	106204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	189004	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73386	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	74065	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
35) Dibromofluoromethane	4.88	113	65234	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
50) Toluene-d8	7.56	98	244743	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	10.30	95	78348	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	717	Below Cal		95
11) Tert butyl alcohol	2.83	59	768	2.301	ug/l #	73
13) Acrolein	2.20	56	113	0.451	ug/l #	9
16) Acetone	2.32	43	9551	11.548	ug/l	97
17) Carbon Disulfide	2.47	76	102	Below Cal	#	75
18) Methyl Acetate	2.62	43	1770	0.920	ug/l #	78
20) Methylene Chloride	2.70	84	4403	3.136	ug/l	94
25) 2-Butanone	4.30	43	938	0.840	ug/l #	47
29) Tetrahydrofuran	4.66	42	190	0.280	ug/l #	30
31) Cyclohexane	4.98	56	2040	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7679	4.065	ug/l #	45
37) Ethyl Acetate	4.30	43	938	0.452	ug/l #	66
38) Carbon Tetrachloride	4.98	117	9807	6.224	ug/l #	16
43) Isopropyl Acetate	5.55	43	7279	2.288	ug/l	97
45) 1,2-Dichloropropane	6.70	63	585	0.376	ug/l #	43
48) Methyl methacrylate	6.54	41	5235	3.380	ug/l #	12
51) 4-Methyl-2-Pentanone	7.42	43	38146	17.620	ug/l #	45
52) Toluene	7.64	92	934	0.260	ug/l	97
54) cis-1,3-Dichloropropene	7.42	75	19907	8.373	ug/l #	62
57) 1,3-Dichloropropane	8.41	76	4273	1.738	ug/l #	42
59) 2-Hexanone	8.31	43	6715	3.952	ug/l #	21
68) m/p-Xylenes	9.38	106	2713	1.032	ug/l	91
69) o-Xylene	9.78	106	2101	0.829	ug/l	93
76) 1,2,3-Trichloropropane	10.30	75	37504	20.858	ug/l #	35
78) n-propylbenzene	10.59	91	2505	0.391	ug/l	91
79) 2-Chlorotoluene	10.68	91	1040	0.268	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.77	105	4165	0.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.30	75	37504	53.794	ug/l #	100
83) tert-Butylbenzene	11.15	119	1976	0.442	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	14794	3.267	ug/l	96
85) sec-Butylbenzene	11.32	105	1127	0.208	ug/l	88
86) p-Isopropyltoluene	11.43	119	1166	0.253	ug/l	86
89) n-Butylbenzene	11.89	91	1366	0.332	ug/l #	44
95) Naphthalene	13.74	128	41506	7.309	ug/l	100

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Response via : Initial Calibration

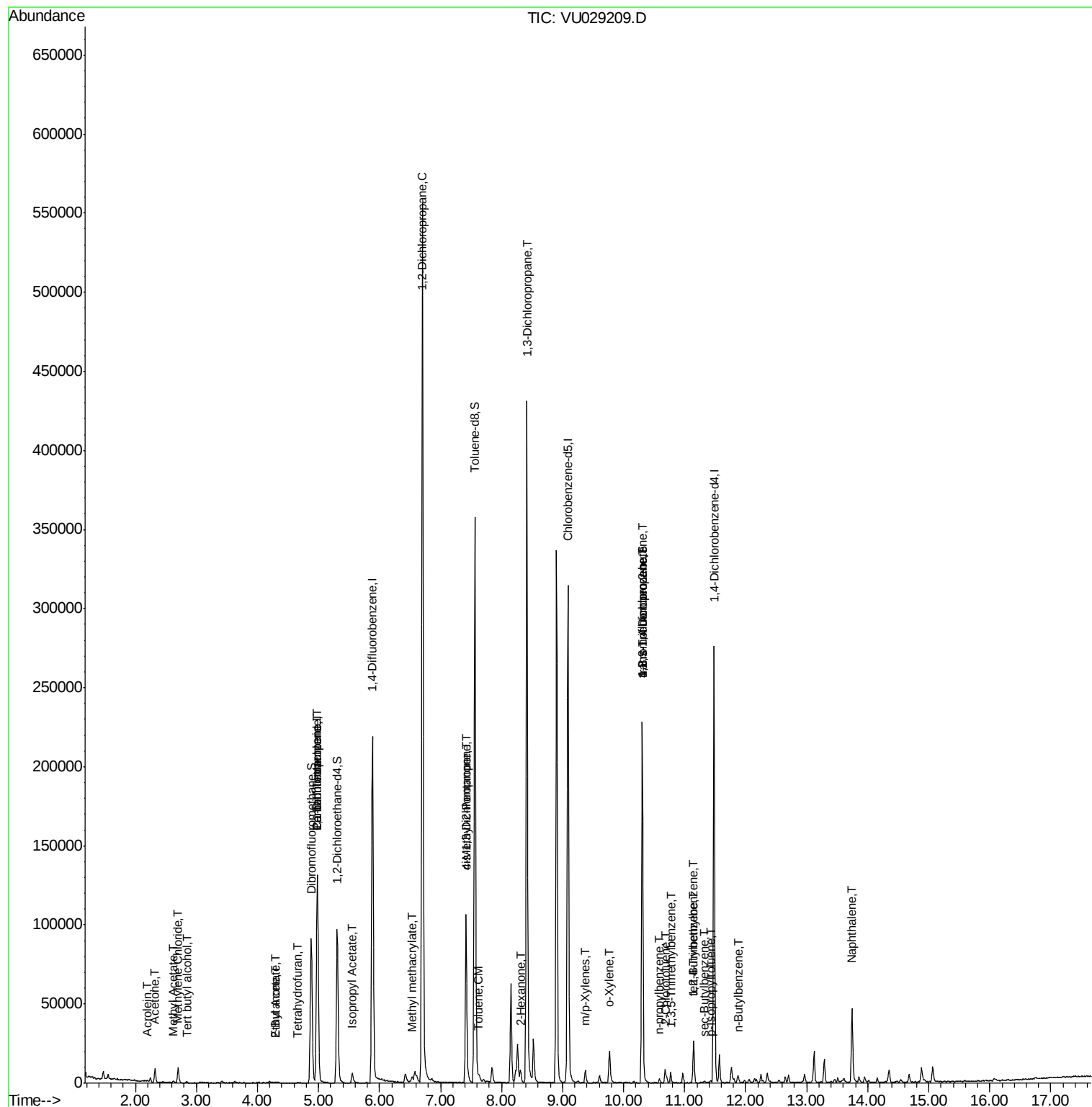
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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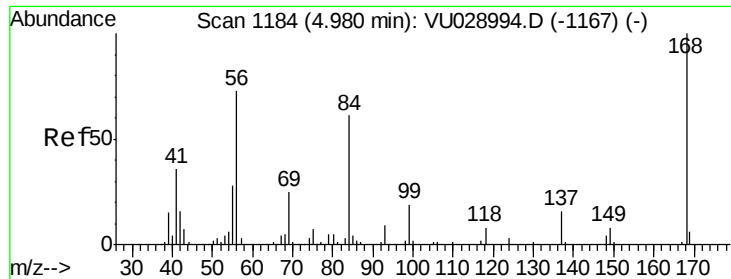
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

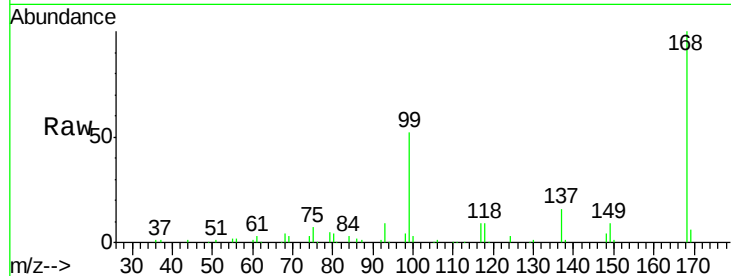
EO-01-011518-B

Tot Ion:168 Resp: 106204

Ion Ratio Lower Upper

168 100

99 52.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

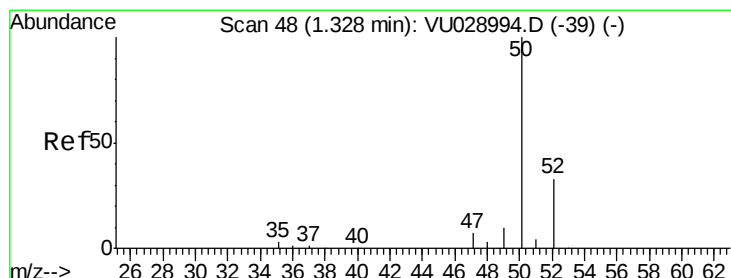
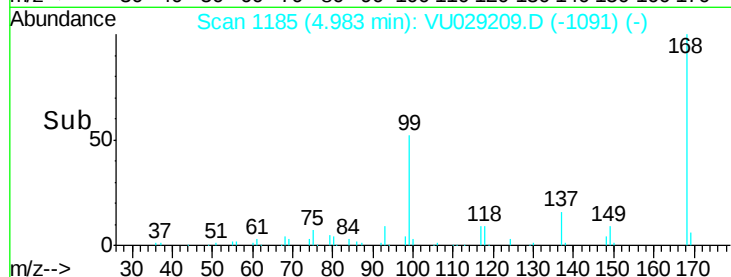
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029209.D

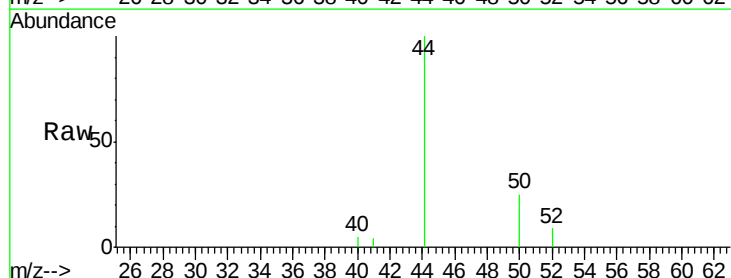
Acq: 16 Jan 2019 15:06

Tgt Ion: 50 Resp: 717

Ion Ratio Lower Upper

50 100

52 35.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028994.D (-39) (-)

Ion 51.90 (51.60 to 52.60): VU028994.D (-39) (-)

1.33

600

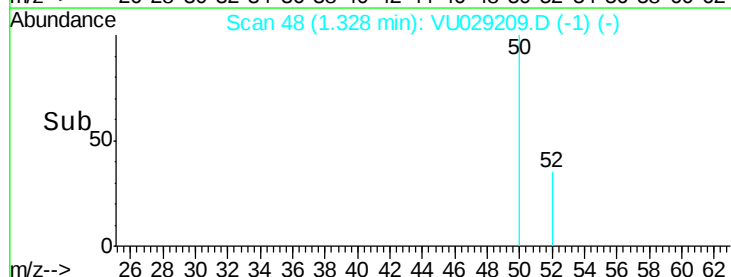
400

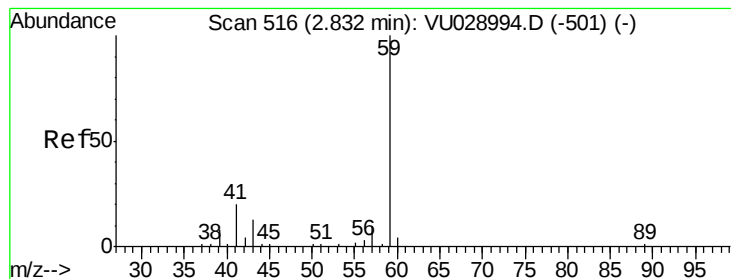
200

0

1.30 1.32 1.34 1.36

Time-->



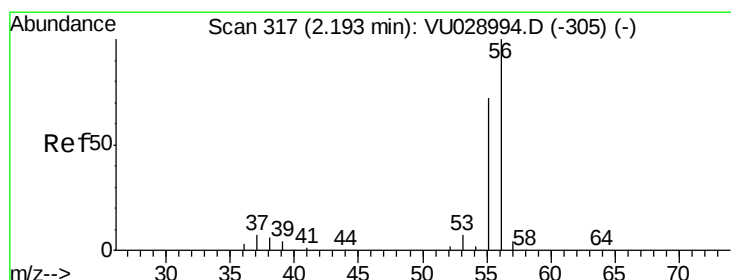
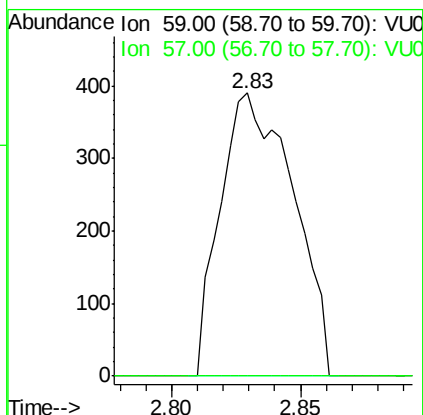
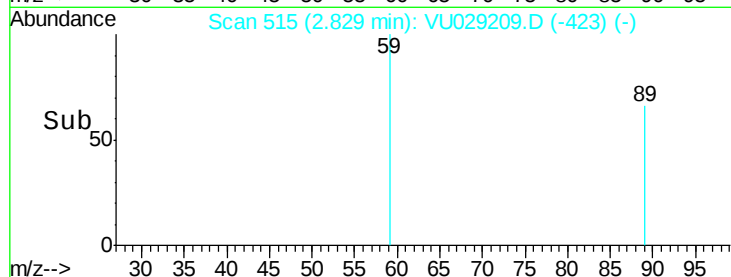
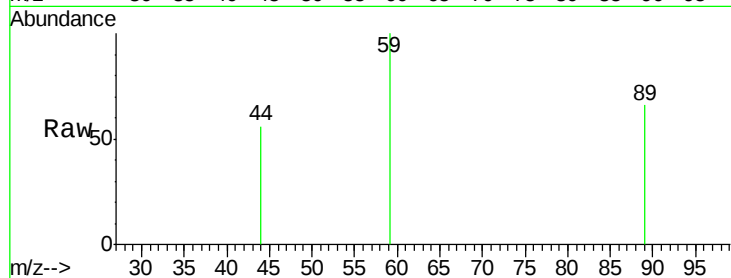


#11

Tert butyl alcohol
 Concen: 2.301 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-B

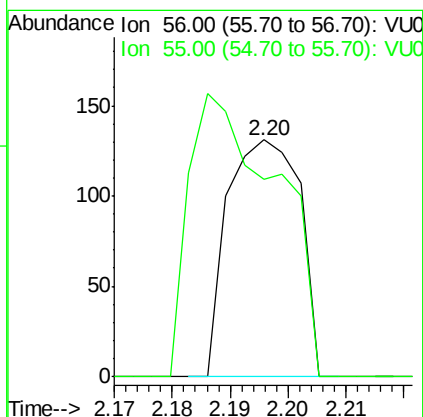
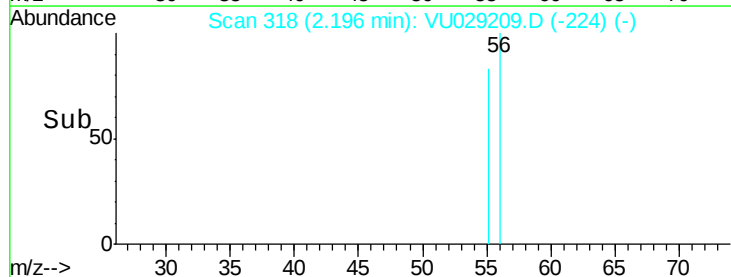
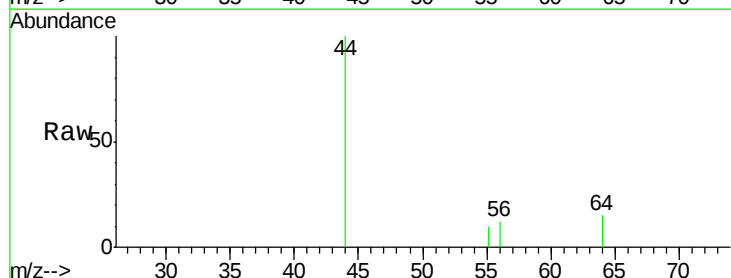
Tot Ion: 59 Resp: 768
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

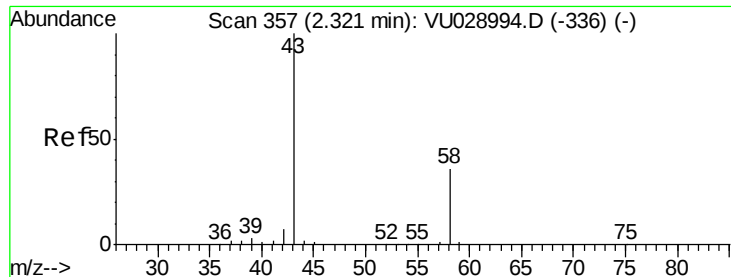


#13

Acrolein
 Concen: 0.451 ug/l
 RT: 2.20 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Tgt Ion: 56 Resp: 113
 Ion Ratio Lower Upper
 56 100
 55 146.0 56.5 84.7#





#16

Acetone

Concen: 11.548 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

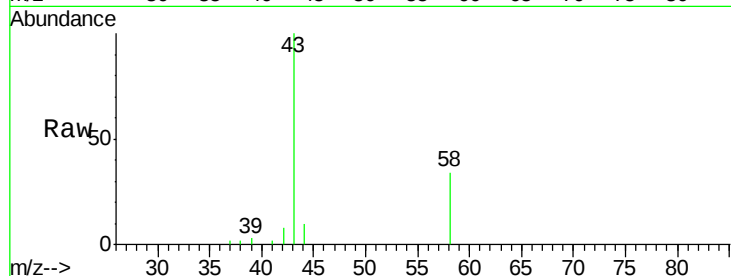
EO-01-011518-B

Tot Ion: 43 Resp: 9551

Ion Ratio Lower Upper

43 100

58 34.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

6000

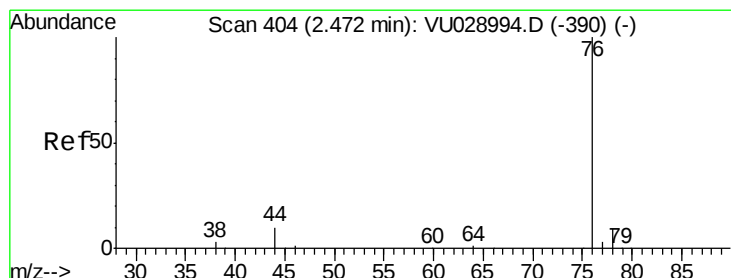
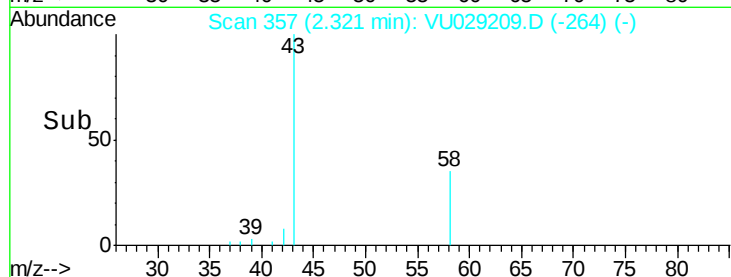
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029209.D

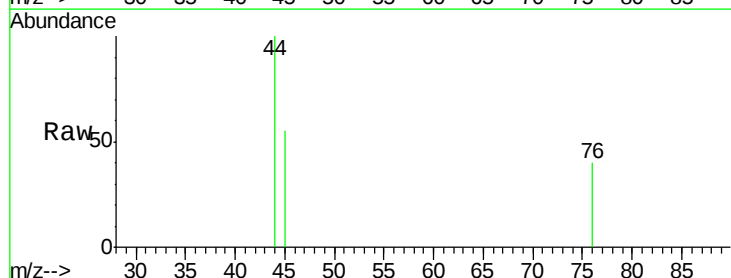
Acq: 16 Jan 2019 15:06

Tgt Ion: 76 Resp: 102

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU028994.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028994.D (-390) (-)

2.47

150

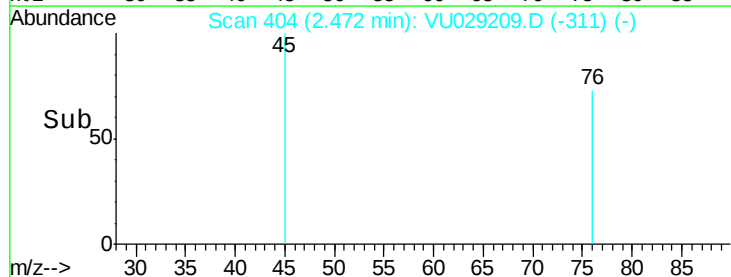
100

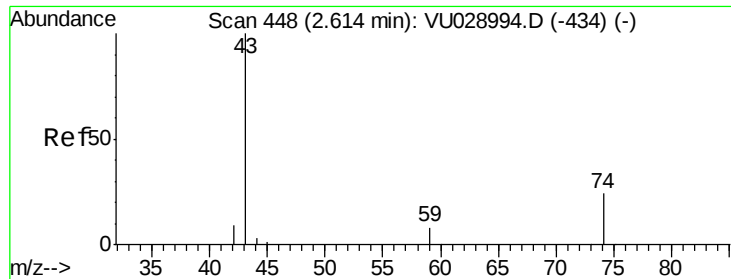
50

0

Time-->

2.46 2.47 2.48 2.49





#18

Methvl Acetate

Concen: 0.920 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

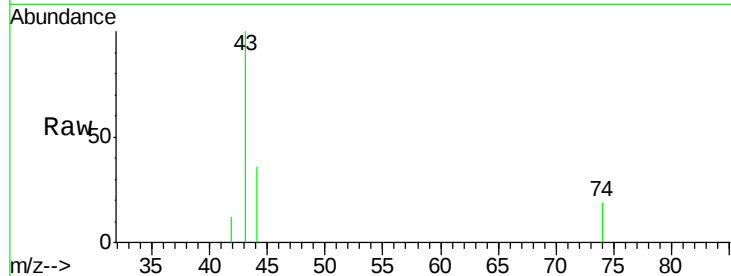
EO-01-011518-B

Tot Ion: 43 Resp: 1770

Ion Ratio Lower Upper

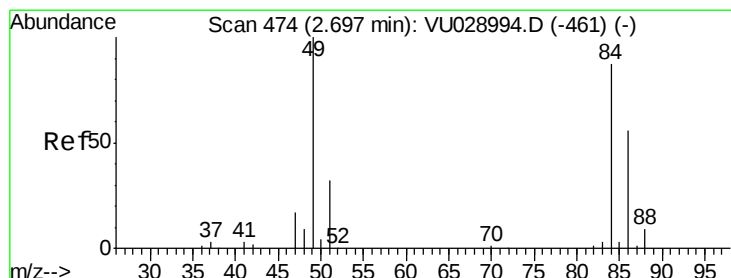
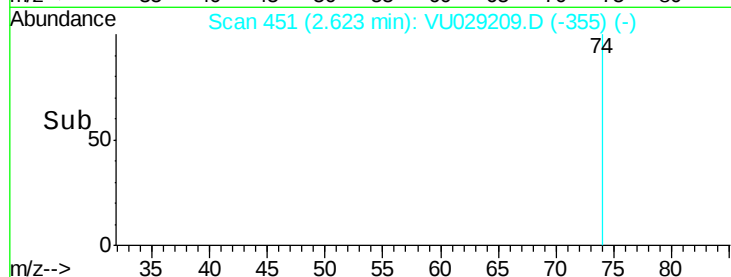
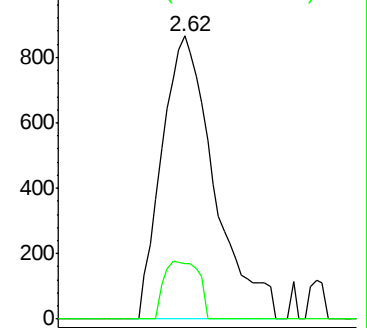
43 100

74 13.4 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#20

Methylene Chloride

Concen: 3.136 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Tgt Ion: 84 Resp: 4403

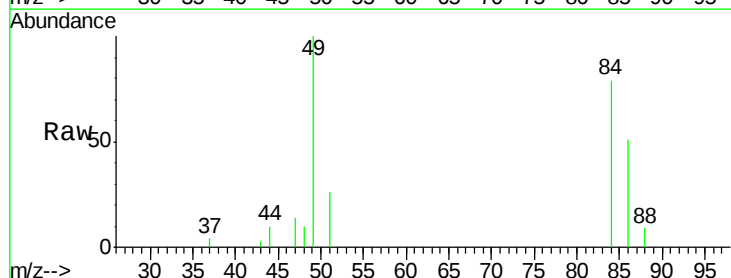
Ion Ratio Lower Upper

84 100

49 125.8 91.9 137.9

51 33.3 29.2 43.8

86 64.3 51.8 77.6

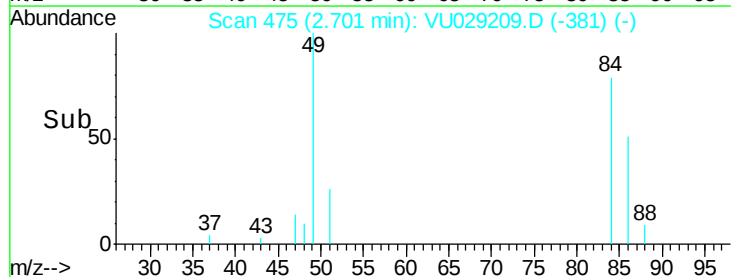
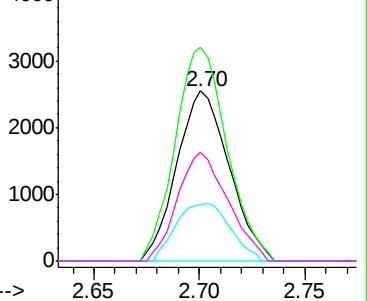


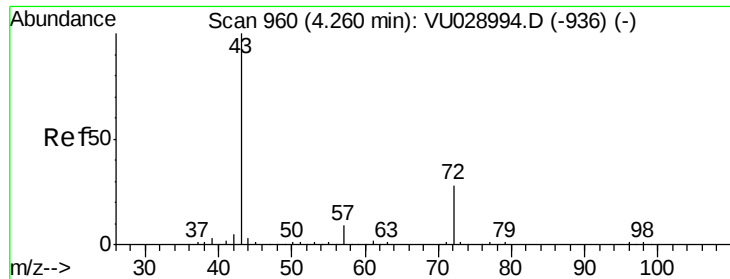
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0





#25

2-Butanone

Concen: 0.840 ug/l

RT: 4.30 min Scan# 971

Delta R.T. 0.04 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

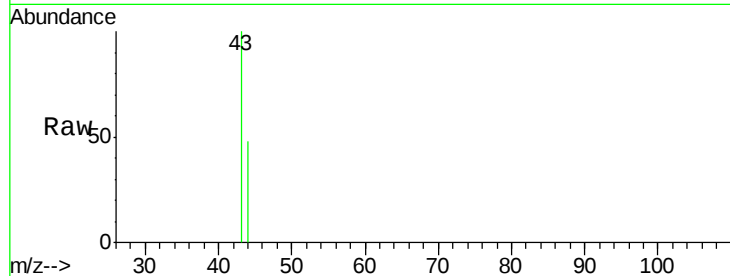
EO-01-011518-B

Tot Ion: 43 Resp: 938

Ion Ratio Lower Upper

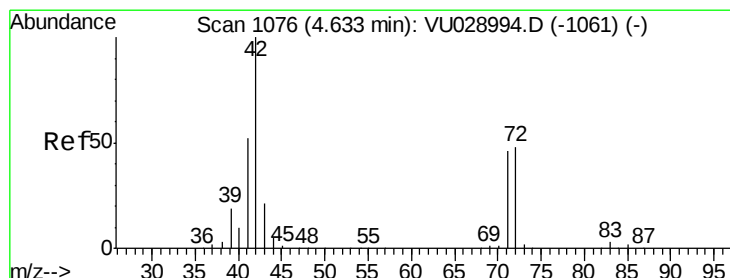
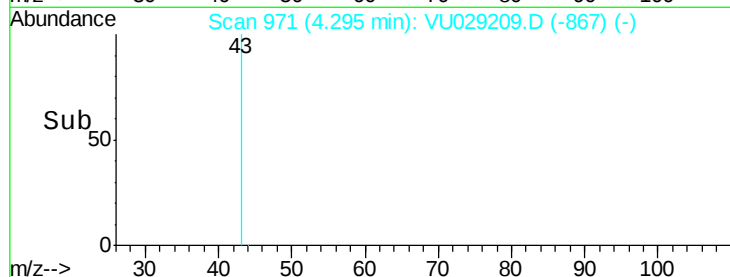
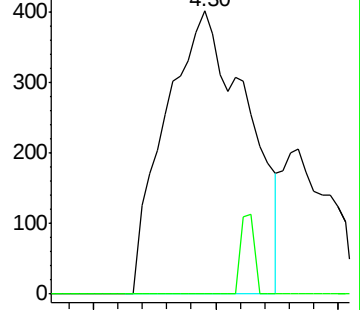
43 100

72 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#29

Tetrahydrofuran

Concen: 0.280 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

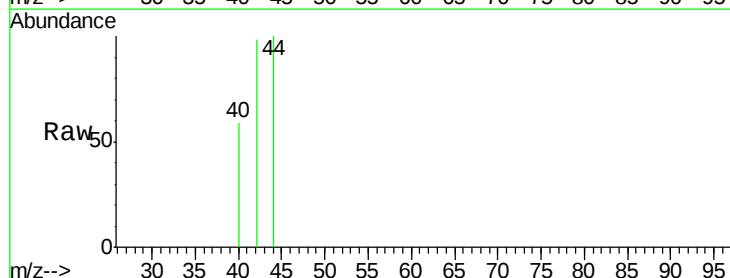
Tgt Ion: 42 Resp: 190

Ion Ratio Lower Upper

42 100

72 0.0 38.3 57.5#

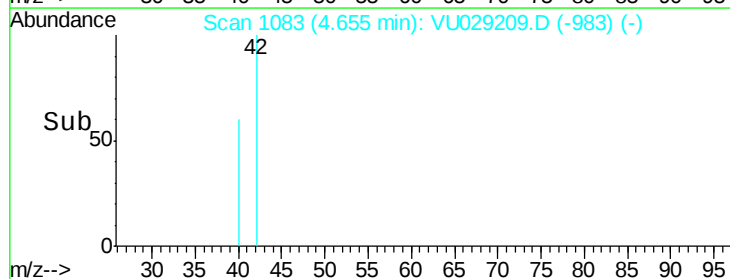
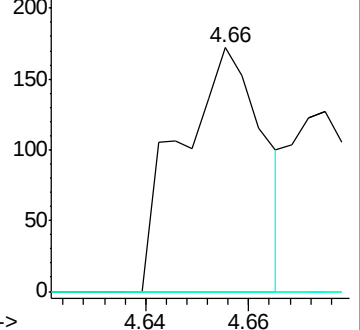
71 0.0 36.1 54.1#

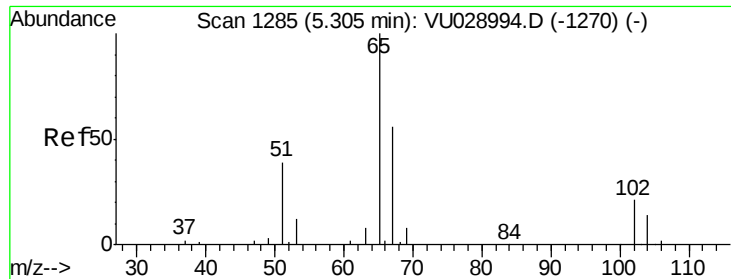


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

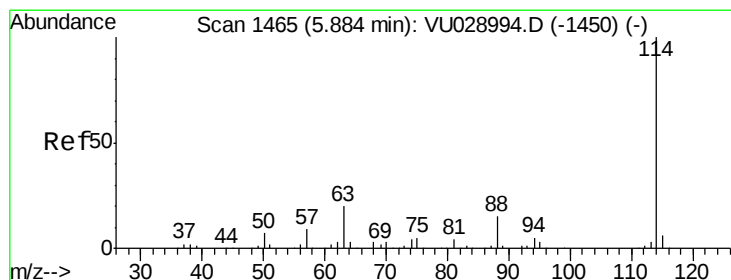
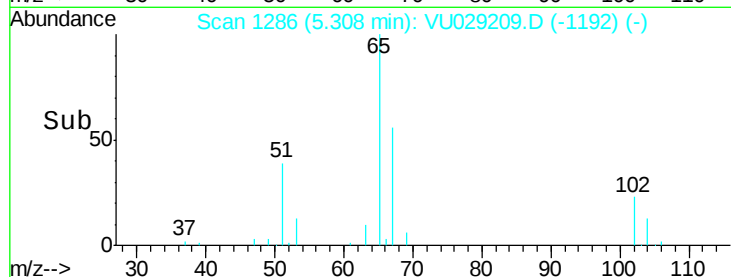
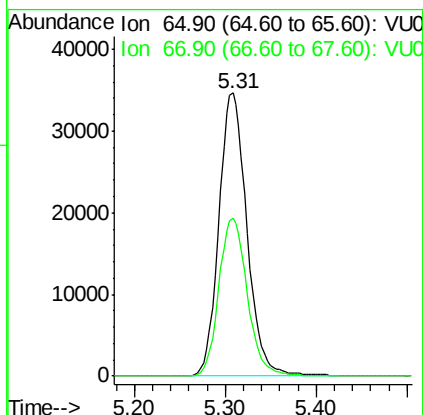
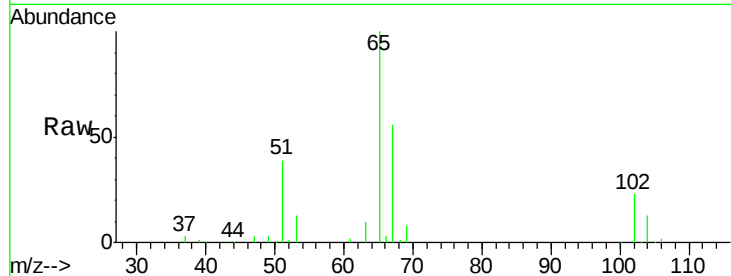




#33
 1,2-Dichloroethane-d4
 Concen: 56.414 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

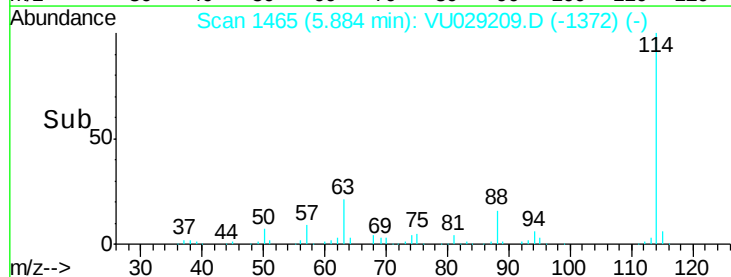
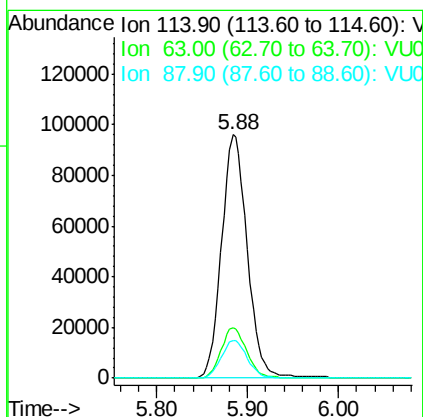
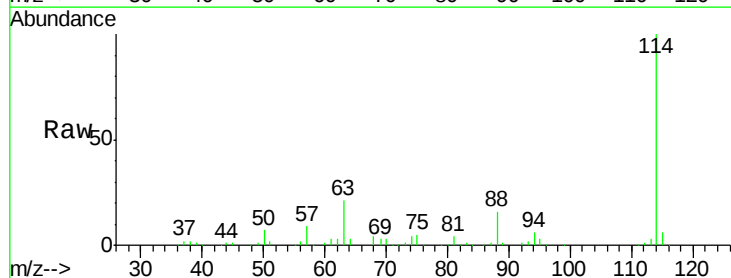
Instrument :
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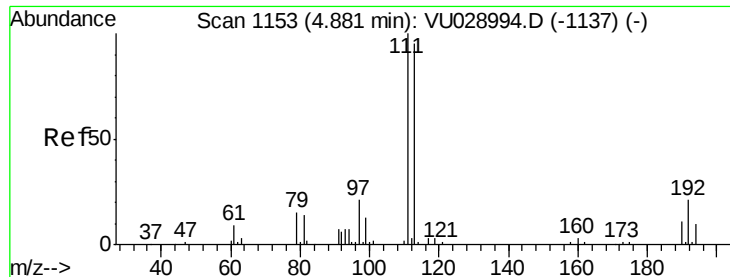
Tot Ion: 65 Resp: 74065
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Tgt Ion: 114 Resp: 189004
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.244 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-B

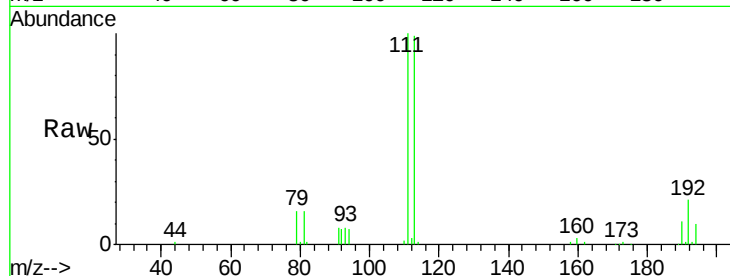
Tot Ion:113 Resp: 65234

Ion Ratio Lower Upper

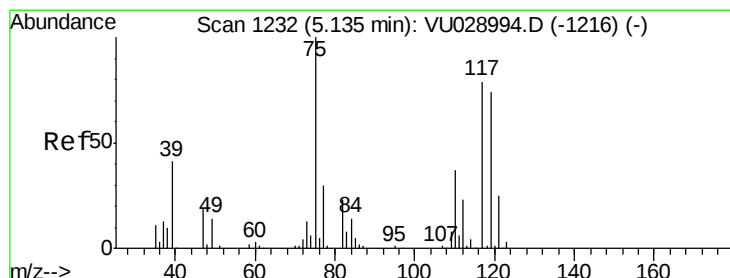
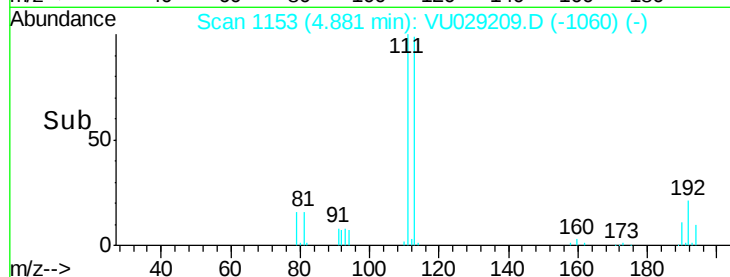
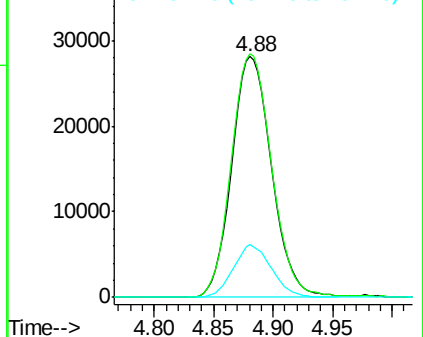
113 100

111 102.2 81.4 122.2

192 20.8 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.065 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

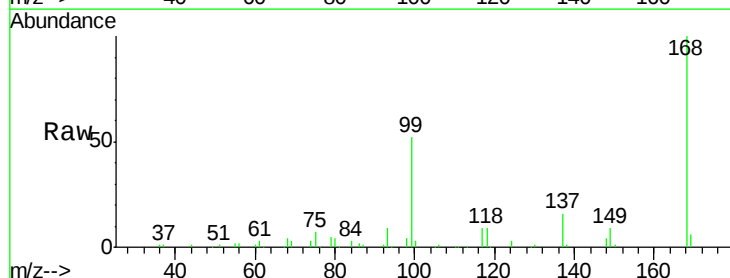
Tgt Ion: 75 Resp: 7679

Ion Ratio Lower Upper

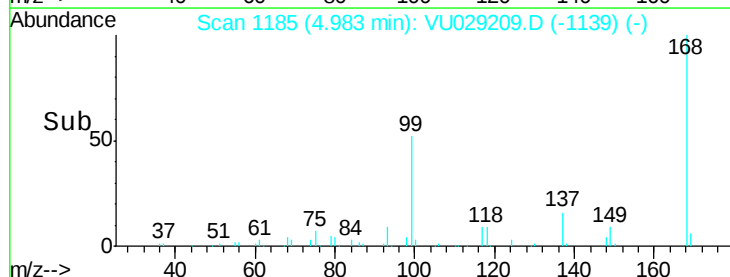
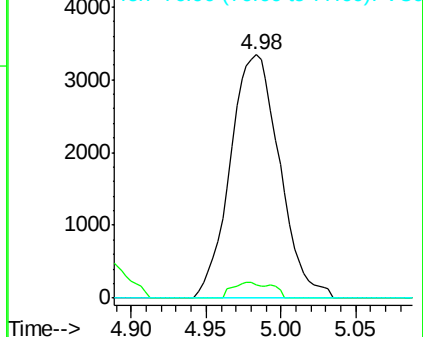
75 100

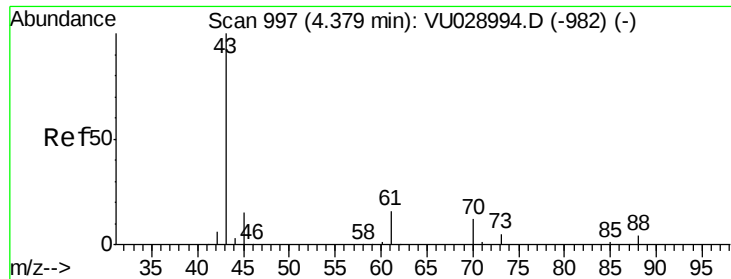
110 5.0 18.4 55.4#

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

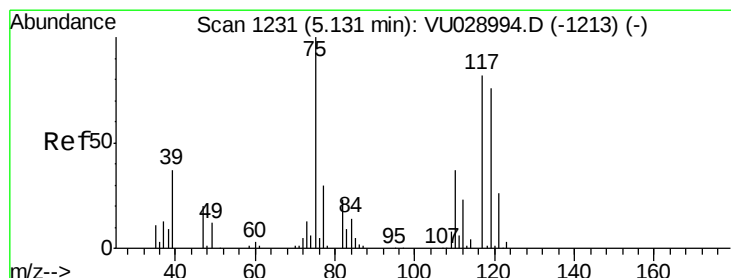
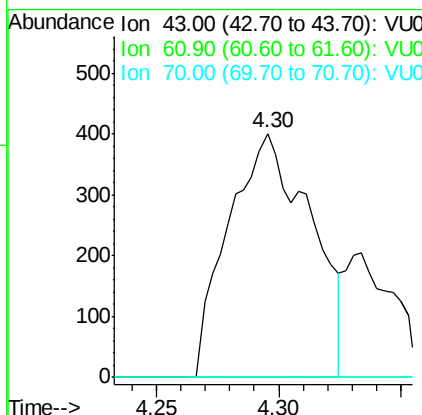
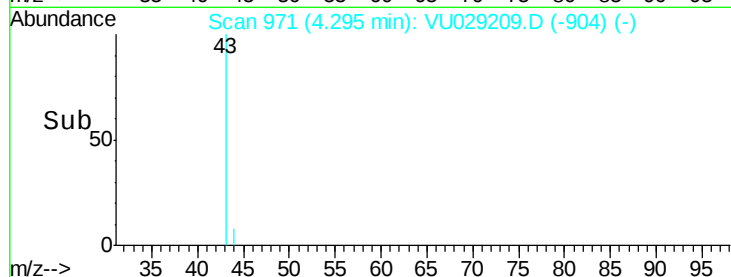
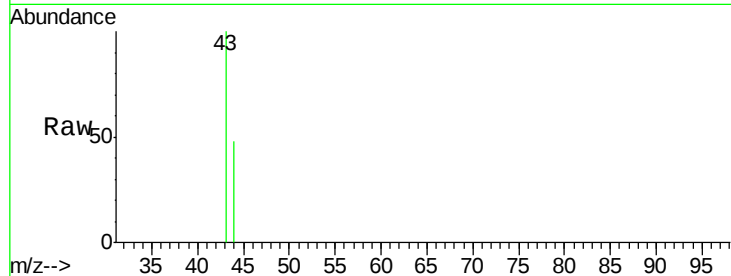




#37
Ethyl Acetate
Concen: 0.452 ug/l
RT: 4.30 min Scan# 971
Delta R.T. -0.08 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

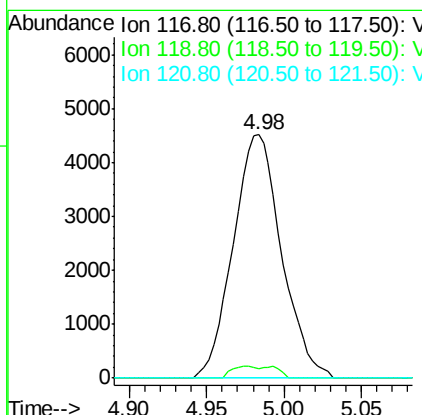
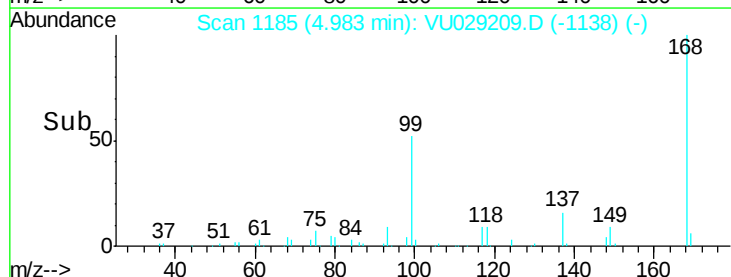
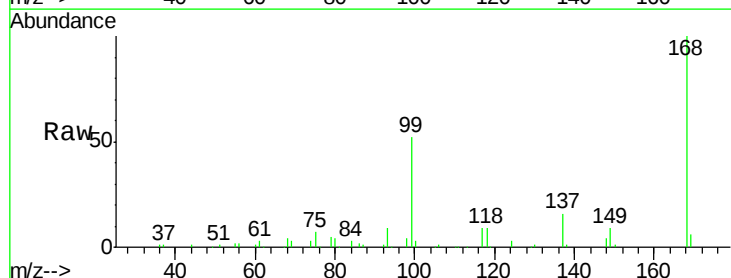
Instrument :
MSVOA_U
ClientSampleID :
EO-01-011518-B

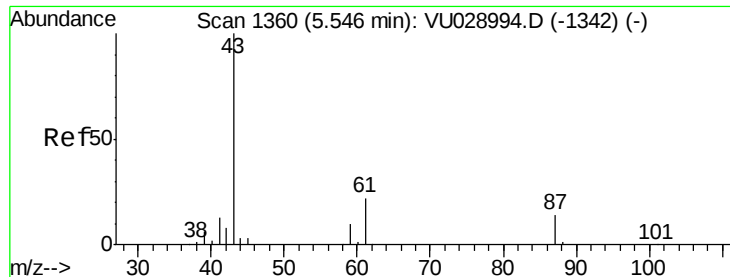
Tot Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
61 0.0 12.6 18.8#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Tgt Ion: 117 Resp: 9807
Ion Ratio Lower Upper
117 100
119 3.9 74.6 111.8#
121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 2.288 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

EO-01-011518-B

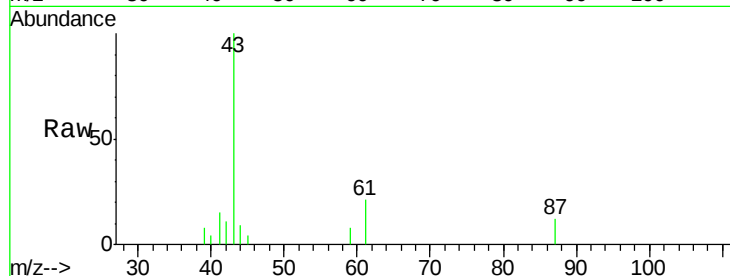
Tot Ion: 43 Resp: 7279

Ion Ratio Lower Upper

43 100

61 22.4 17.8 26.6

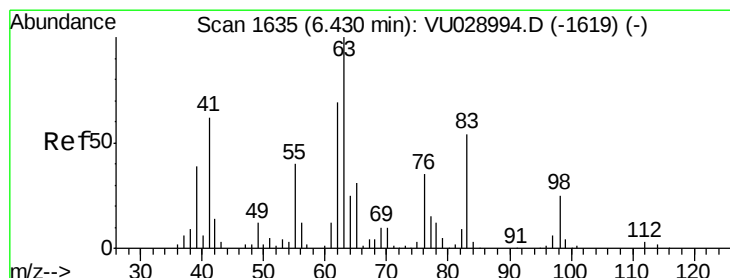
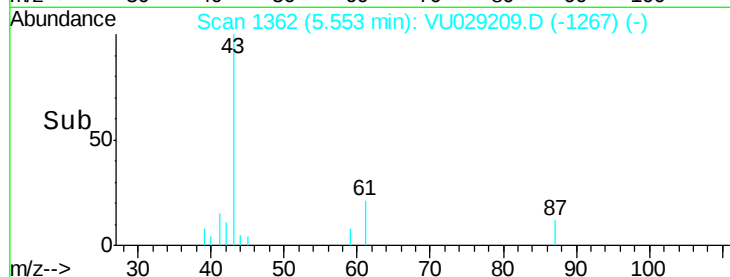
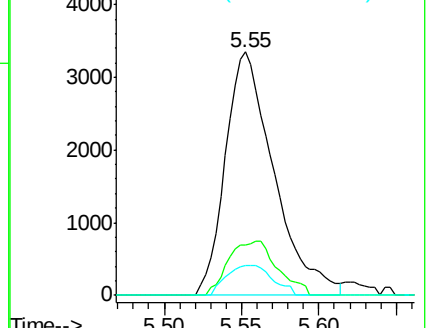
87 11.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#45

1,2-Dichloropropane

Concen: 0.376 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.27 min

Lab File: VU029209.D

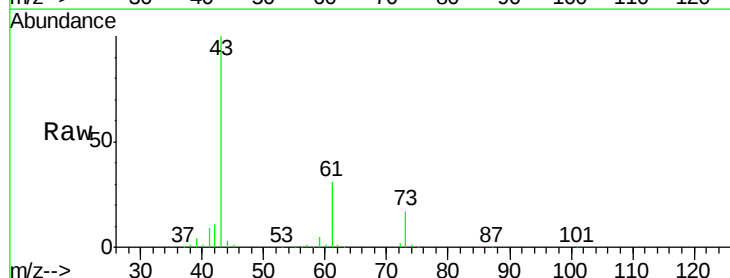
Acq: 16 Jan 2019 15:06

Tgt Ion: 63 Resp: 585

Ion Ratio Lower Upper

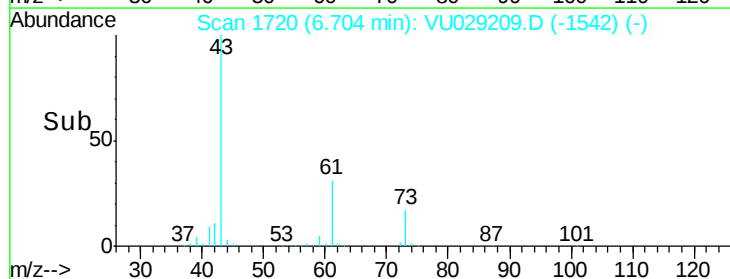
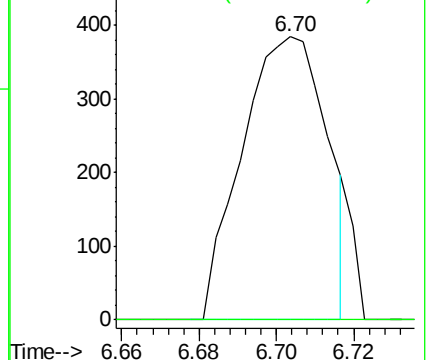
63 100

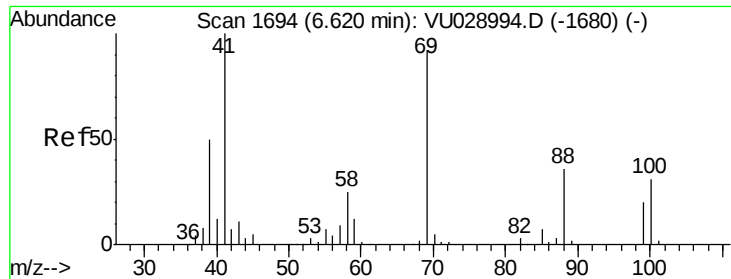
65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-1619) (-)

Ion 64.90 (64.60 to 65.60): VU028994.D (-1619) (-)





#48

Methvl methacrylate

Concen: 3.380 ug/l

RT: 6.54 min Scan# 1668

Delta R.T. -0.08 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

EO-01-011518-B

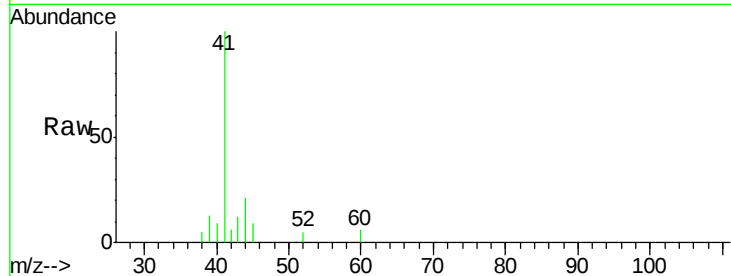
Tot Ion: 41 Resp: 5235

Ion Ratio Lower Upper

41 100

69 0.0 73.6 110.4#

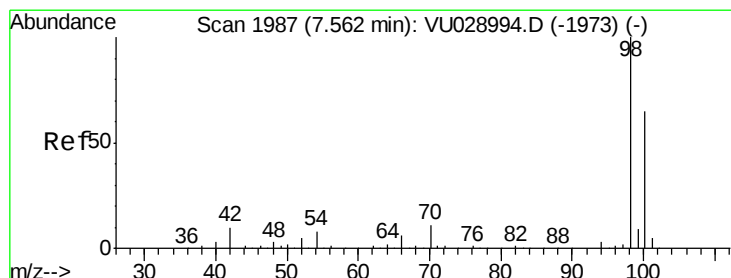
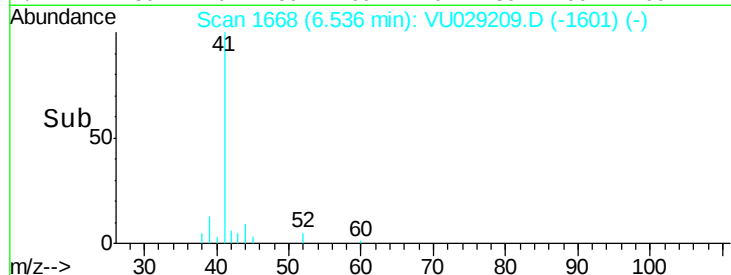
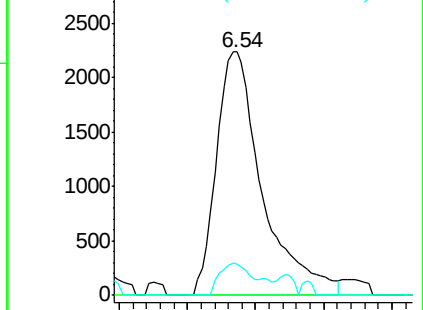
39 0.0 39.6 59.4#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#50

Toluene-d8

Concen: 50.600 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU029209.D

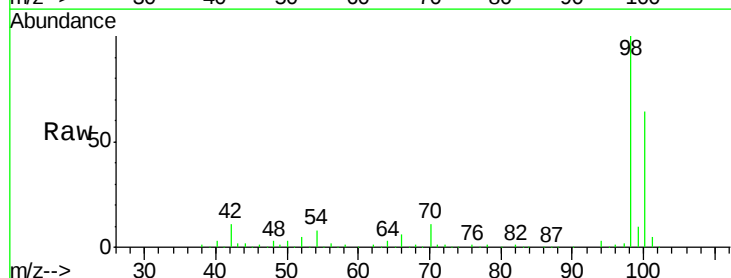
Acq: 16 Jan 2019 15:06

Tgt Ion: 98 Resp: 244743

Ion Ratio Lower Upper

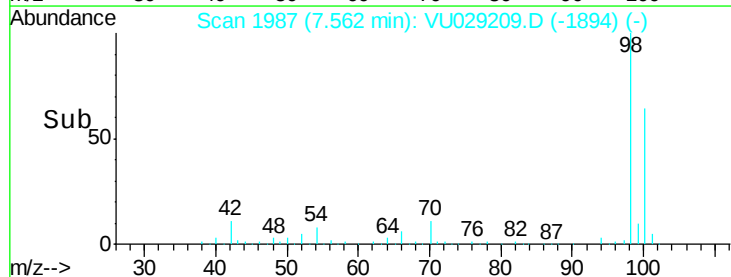
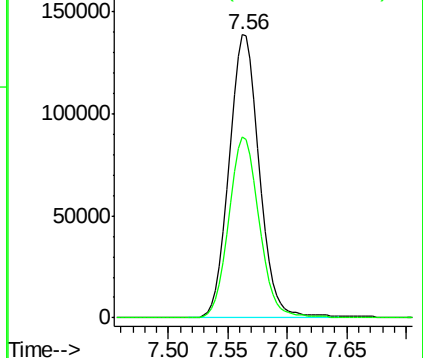
98 100

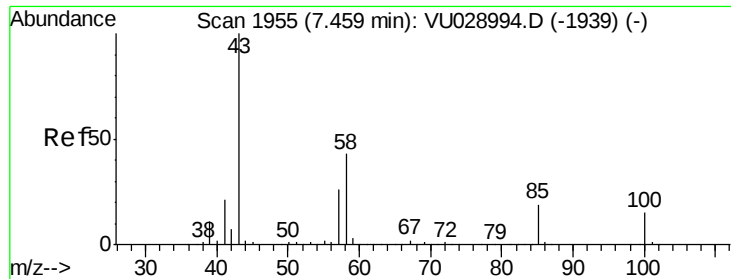
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 17.620 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

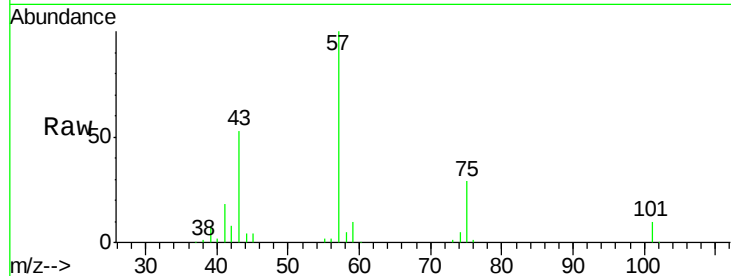
EO-01-011518-B

Tot Ion: 43 Resp: 38146

Ion Ratio Lower Upper

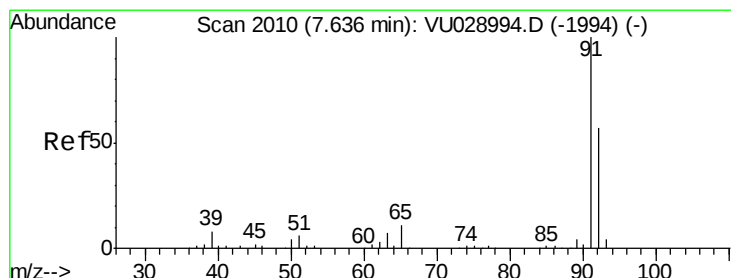
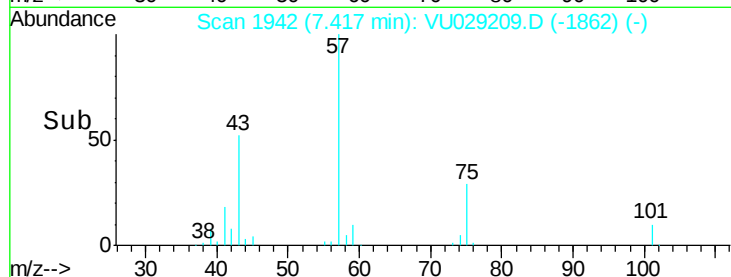
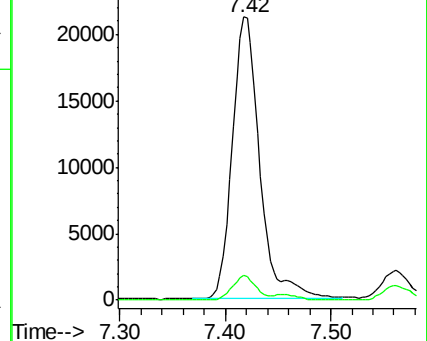
43 100

58 7.6 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 0.260 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU029209.D

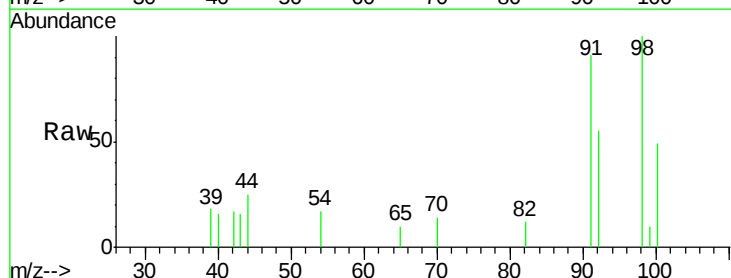
Acq: 16 Jan 2019 15:06

Tgt Ion: 92 Resp: 934

Ion Ratio Lower Upper

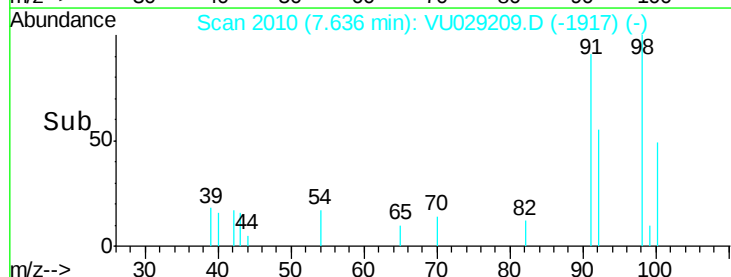
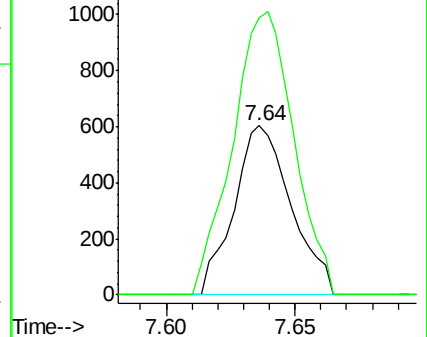
92 100

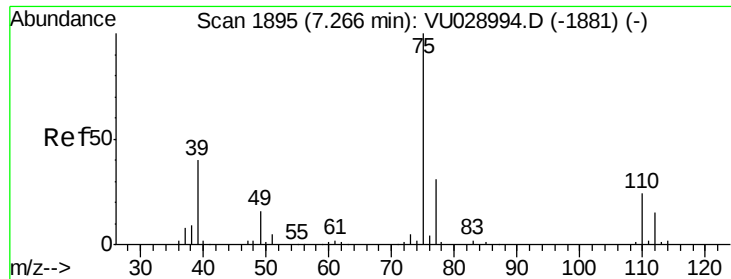
91 179.6 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

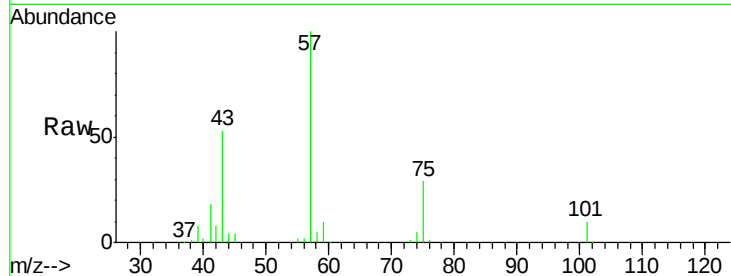




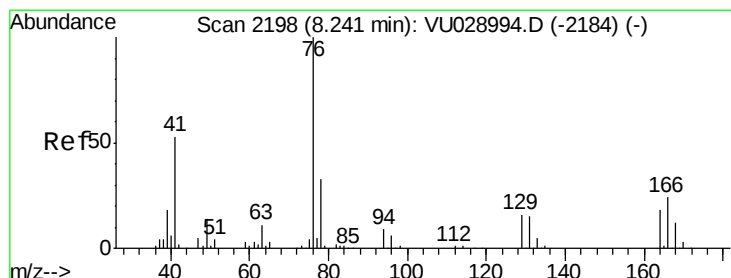
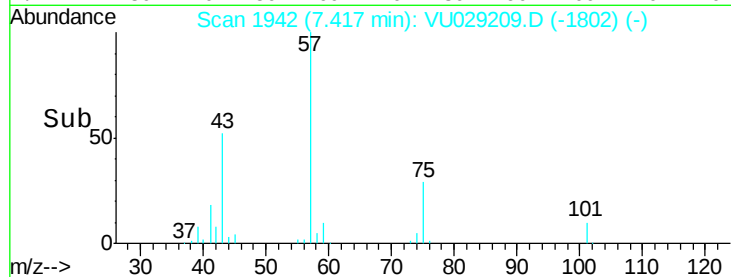
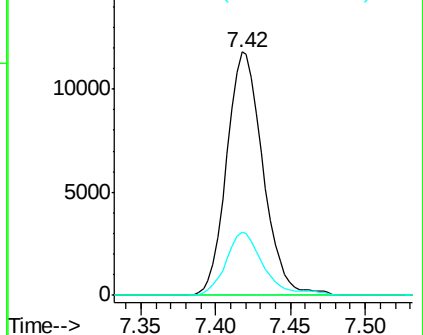
#54
 cis-1,3-Dichloropropene
 Concen: 8.373 ug/l
 RT: 7.42 min Scan# 1942
 Delta R.T. 0.15 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-B

Tot Ion: 75 Resp: 19907
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 25.8 32.2 48.4#

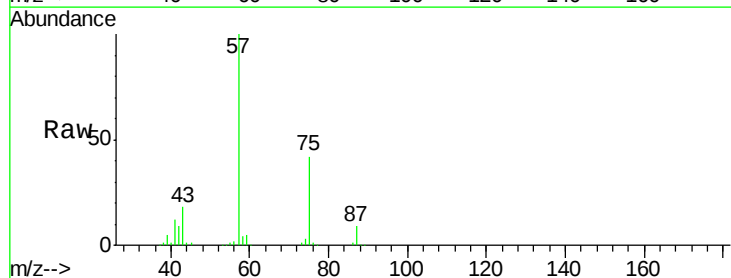


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0
 Ion 39.00 (38.70 to 39.70): VU0

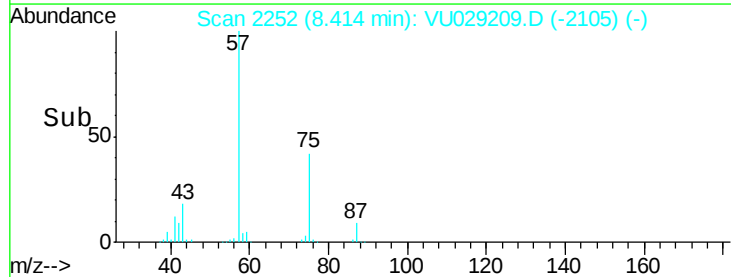
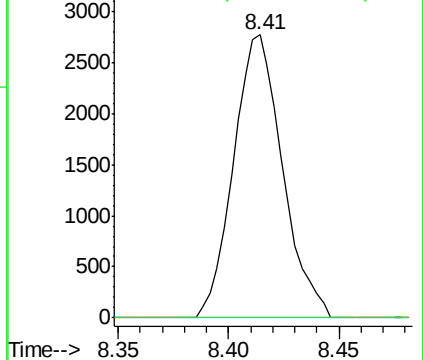


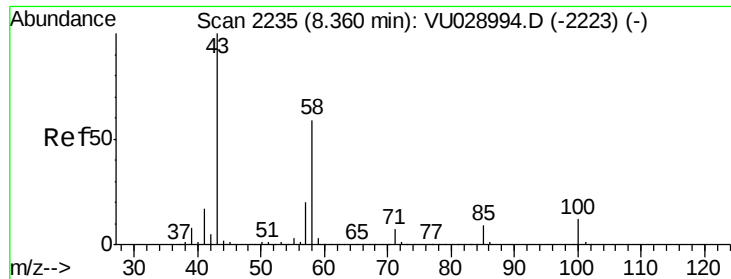
#57
 1,3-Dichloropropane
 Concen: 1.738 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Tgt Ion: 76 Resp: 4273
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

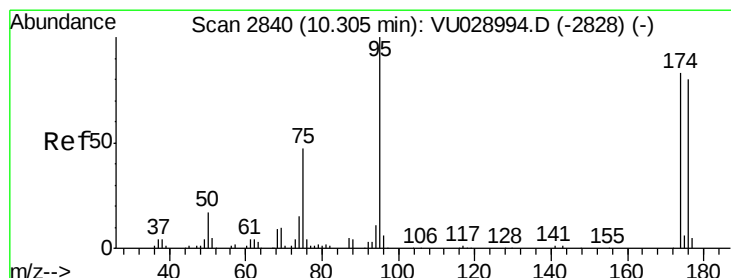
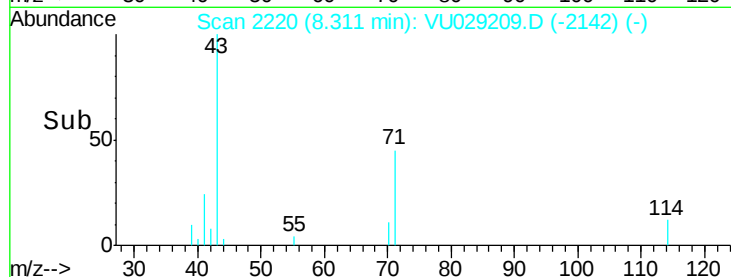
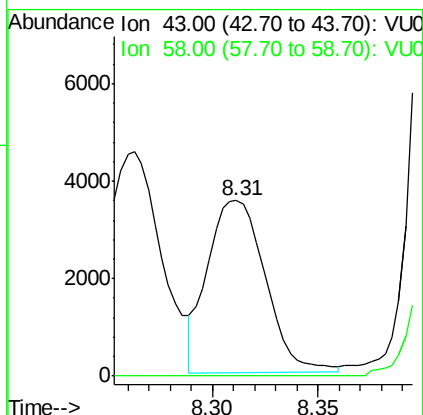
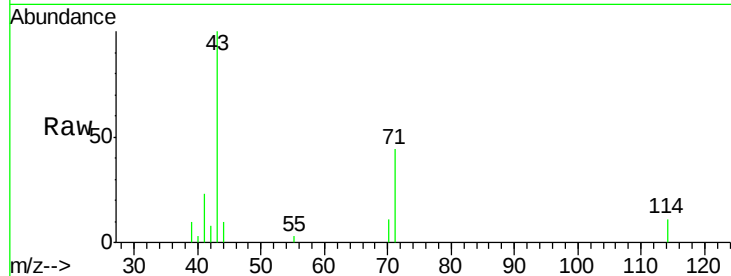




#59
2-Hexanone
Concen: 3.952 ug/l
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

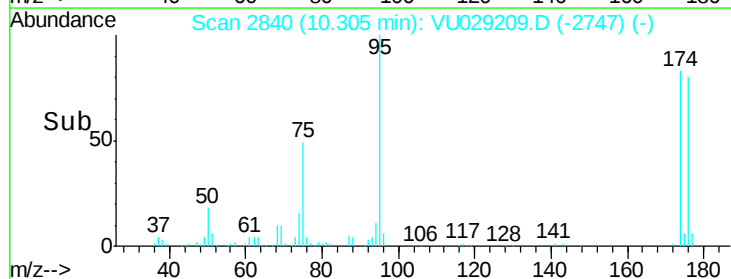
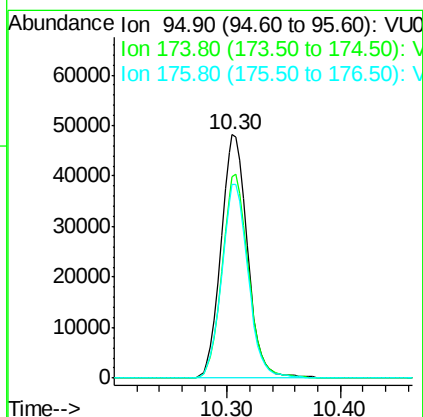
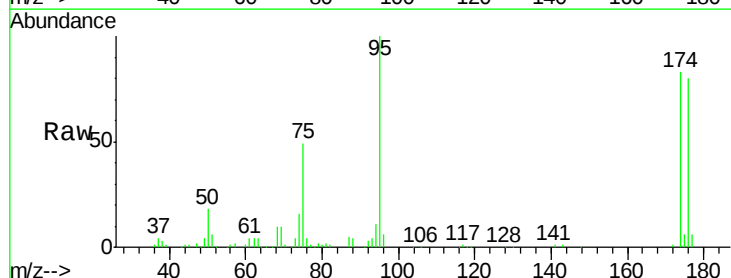
Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-B

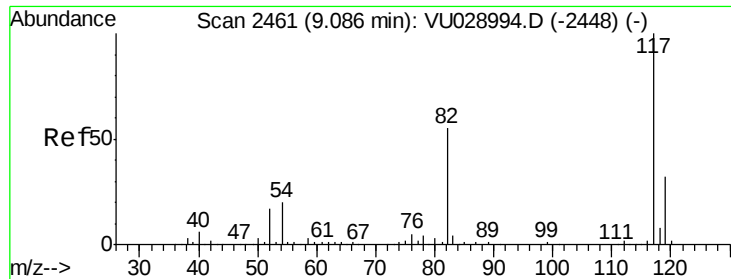
Tot Ion: 43 Resp: 6715
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 45.072 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Tgt Ion: 95 Resp: 78348
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.6
176 79.4 0.0 165.0

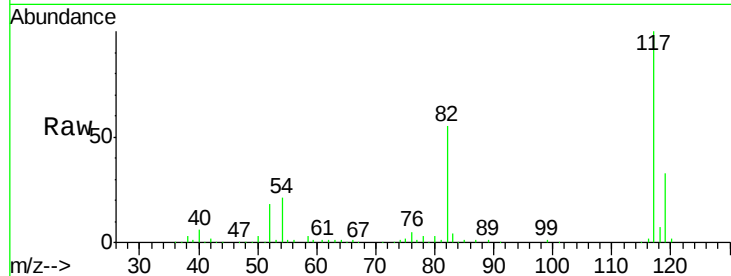




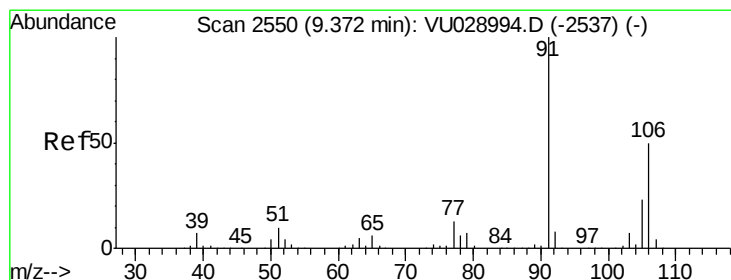
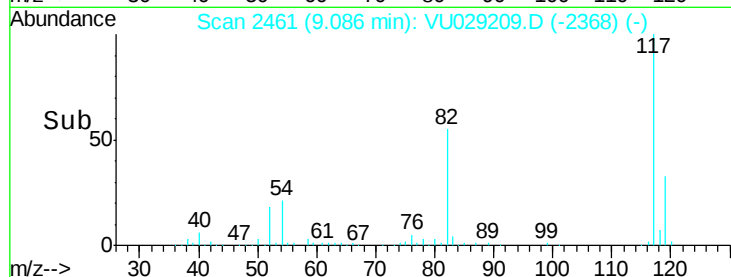
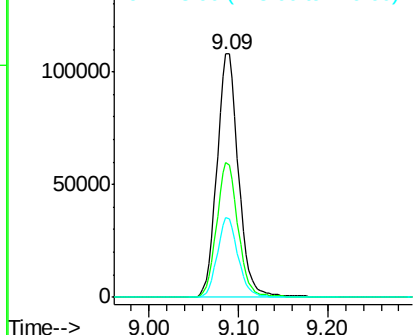
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-B

Tot Ion:117 Resp: 180811
Ion Ratio Lower Upper
117 100
82 55.3 43.9 65.9
119 32.7 26.0 39.0

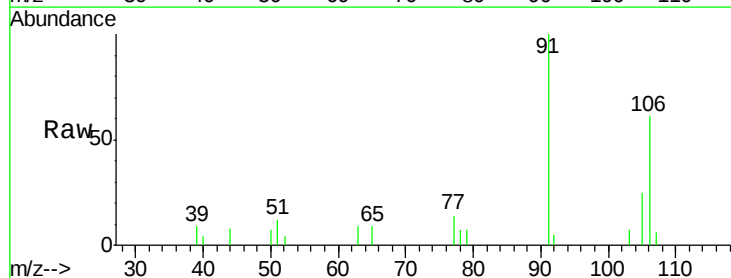


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

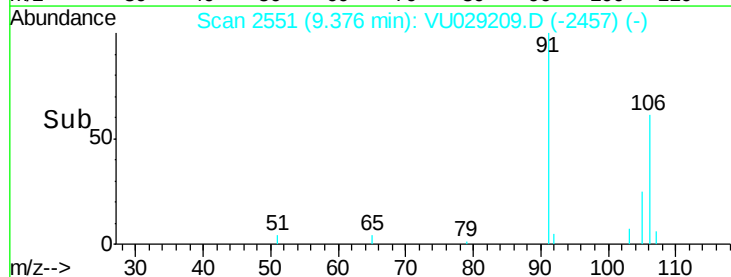
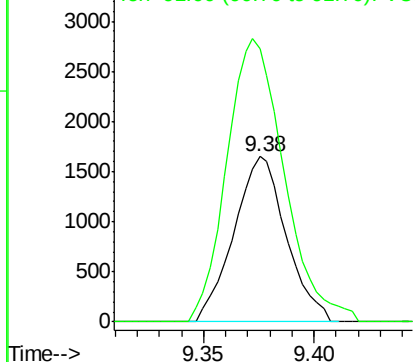


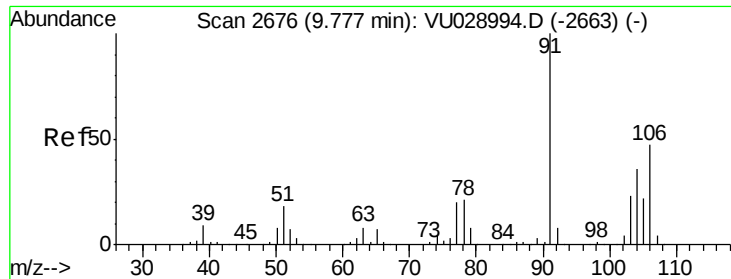
#68
m/p-Xylenes
Concen: 1.032 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Tgt Ion:106 Resp: 2713
Ion Ratio Lower Upper
106 100
91 188.6 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

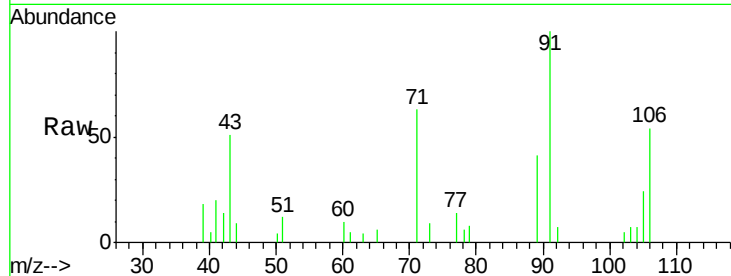




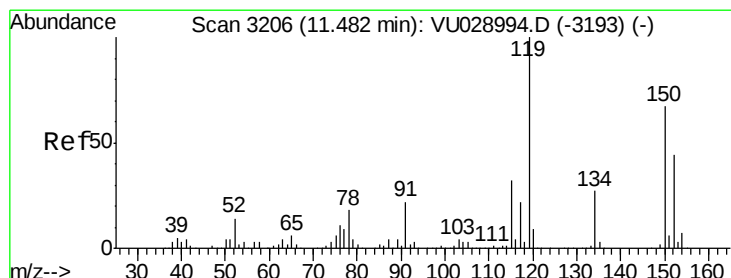
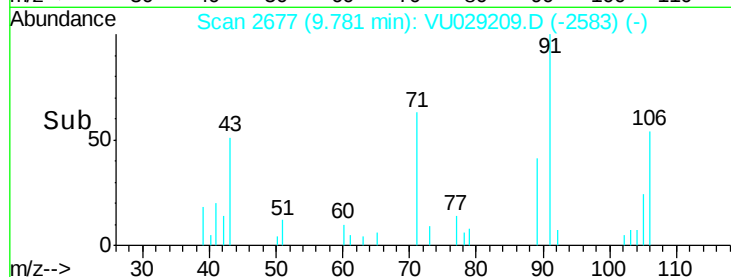
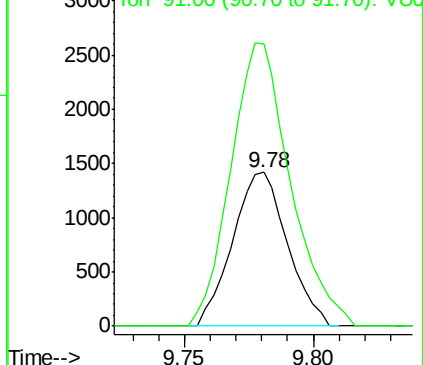
#69
o-Xylene
Concen: 0.829 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-B

Tot Ion:106 Resp: 2101
Ion Ratio Lower Upper
106 100
91 200.5 106.1 318.3

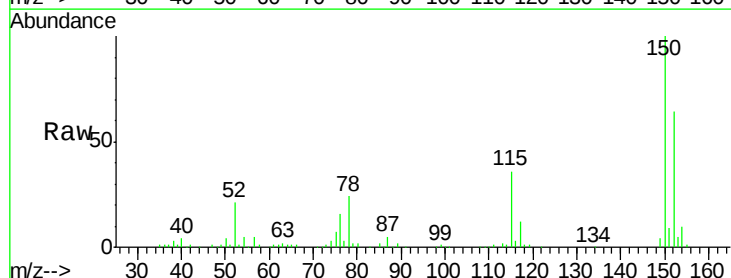


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

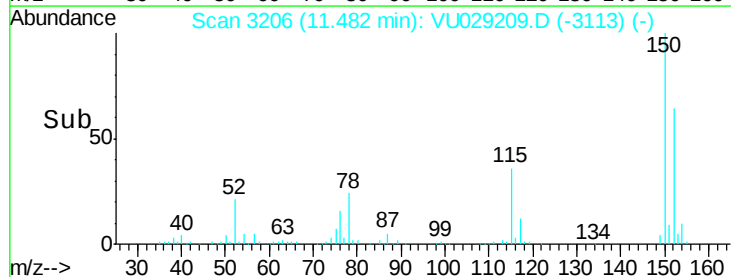
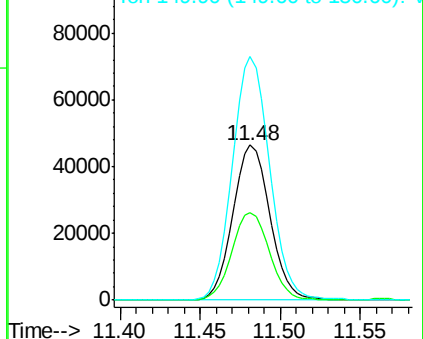


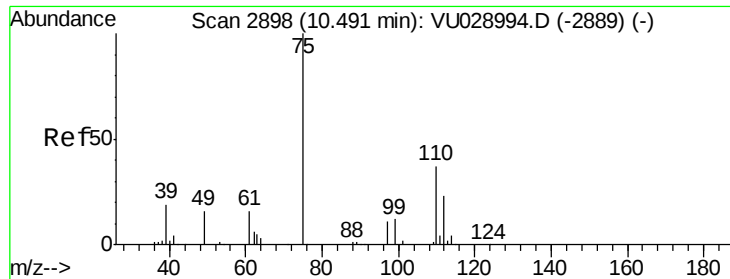
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Tgt Ion:152 Resp: 73386
Ion Ratio Lower Upper
152 100
115 57.1 40.1 120.3
150 157.9 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

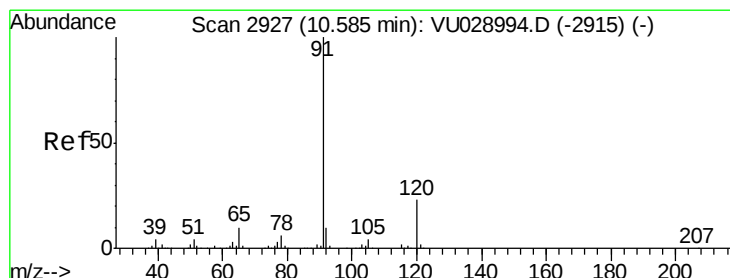
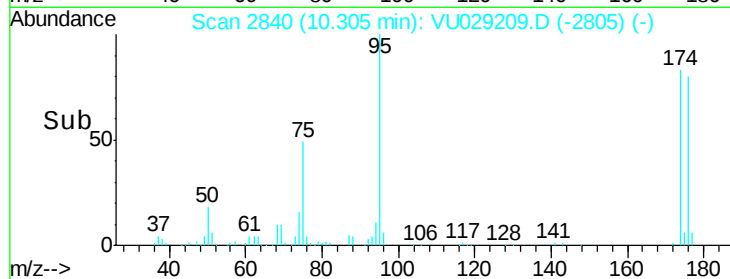
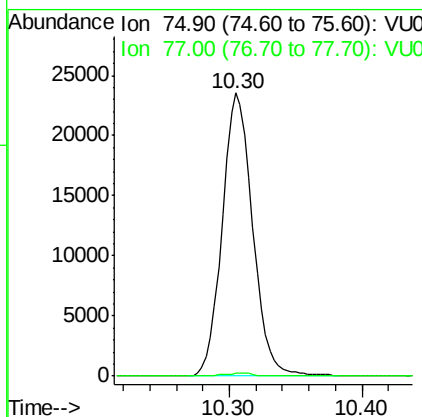
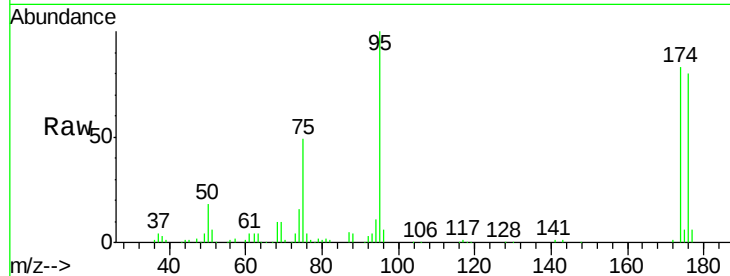




#76
 1,2,3-Trichloropropane
 Concen: 20.858 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

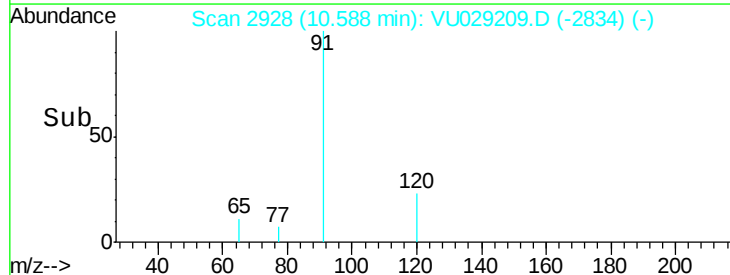
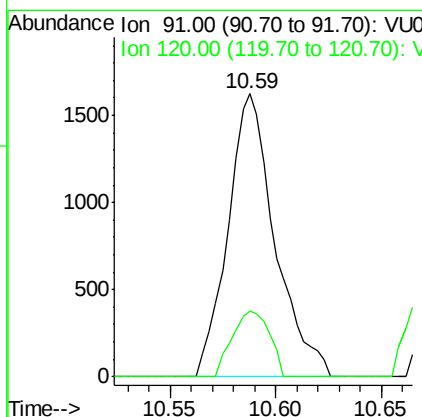
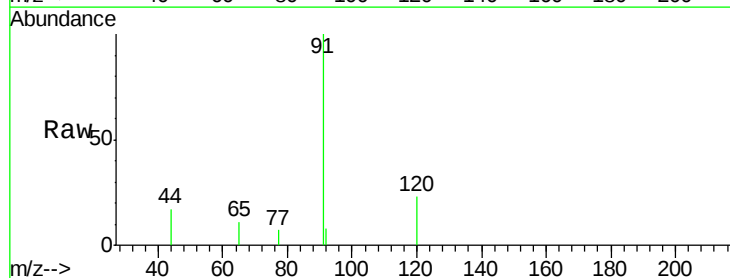
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-B

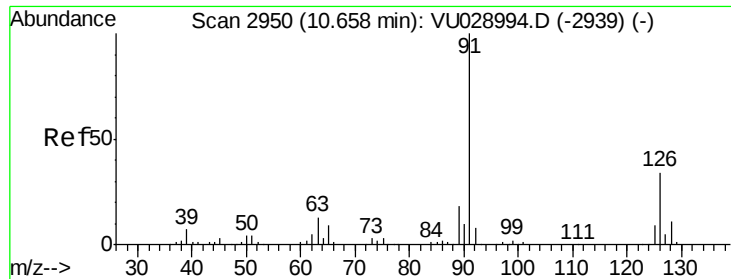
Tot Ion: 75 Resp: 37504
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.9 62.8#



#78
 n-propylbenzene
 Concen: 0.391 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Tgt Ion: 91 Resp: 2505
 Ion Ratio Lower Upper
 91 100
 120 18.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 0.268 ug/l

RT: 10.68 min Scan# 2957

Delta R.T. 0.02 min

Lab File: VU029209.D

Acq: 16 Jan 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

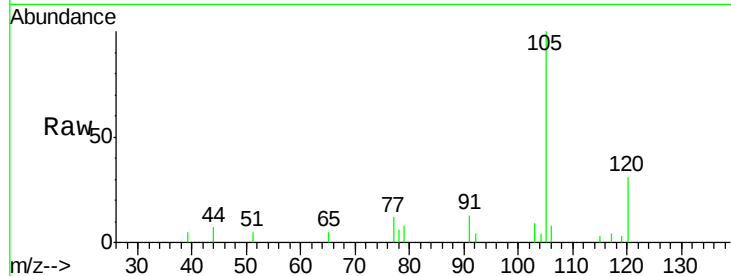
EO-01-011518-B

Tot Ion: 91 Resp: 1040

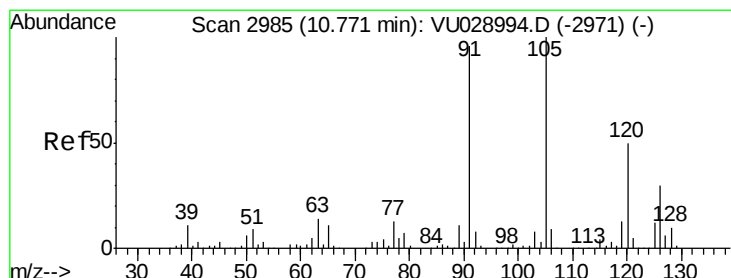
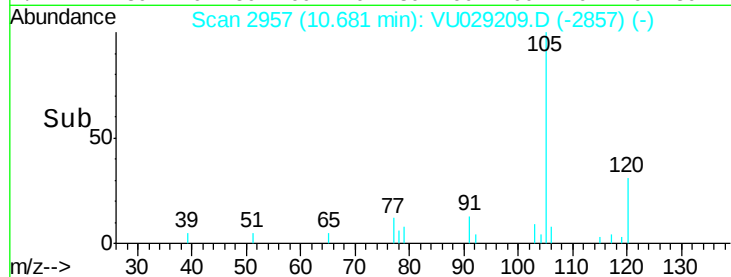
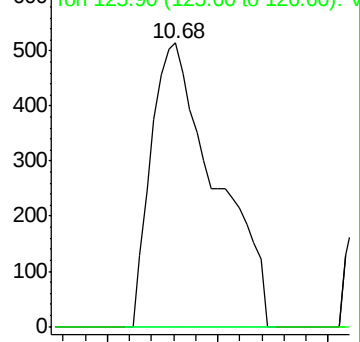
Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.4#



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.918 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029209.D

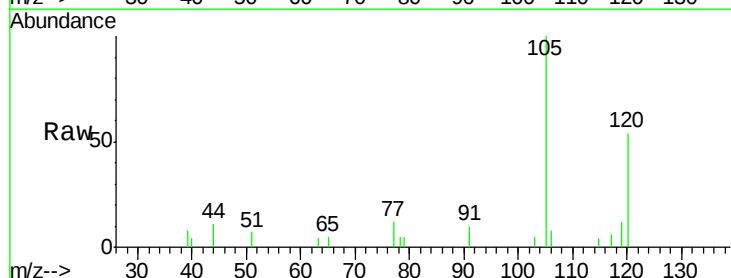
Acq: 16 Jan 2019 15:06

Tgt Ion:105 Resp: 4165

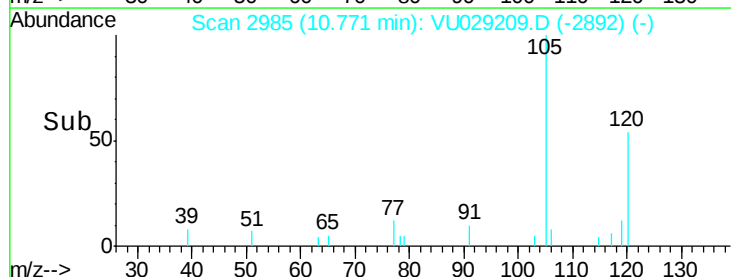
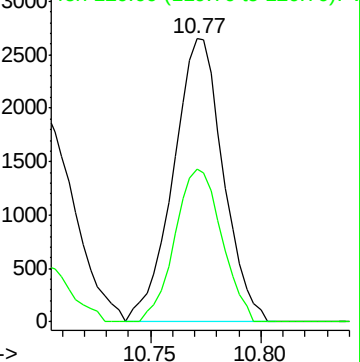
Ion Ratio Lower Upper

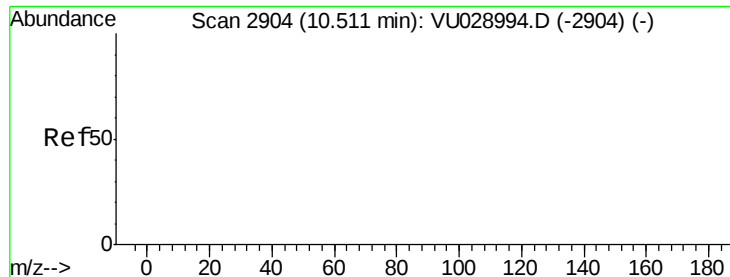
105 100

120 50.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028994.D (-2971) (-)

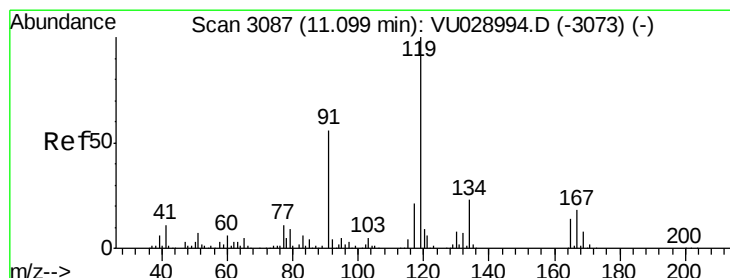
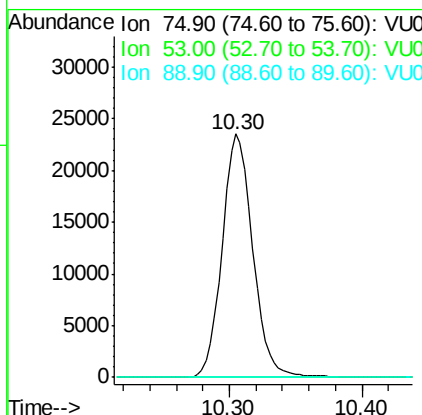
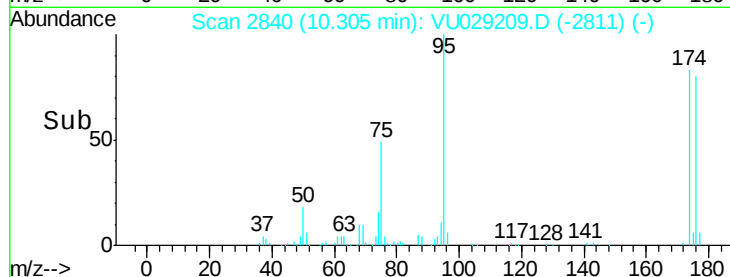
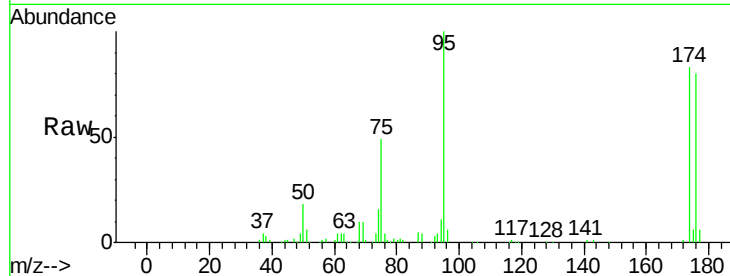




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.794 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

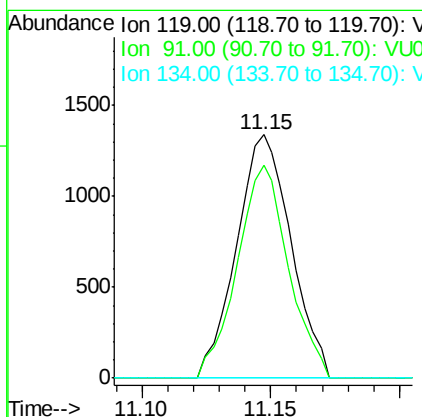
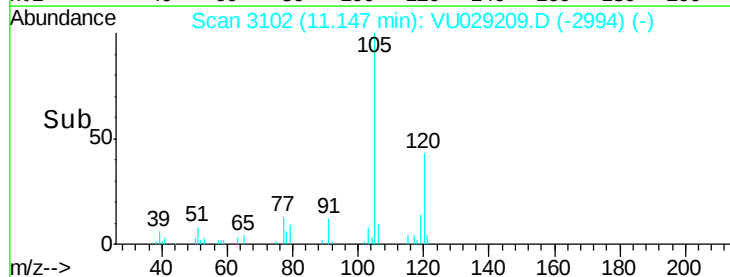
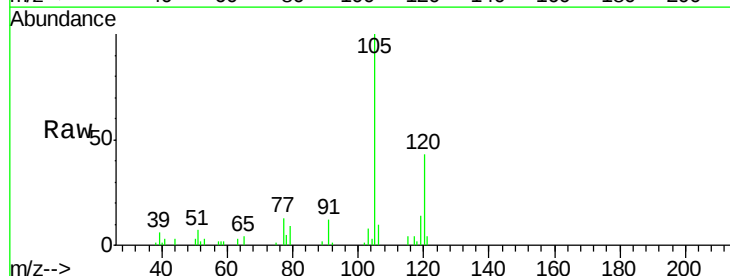
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-B

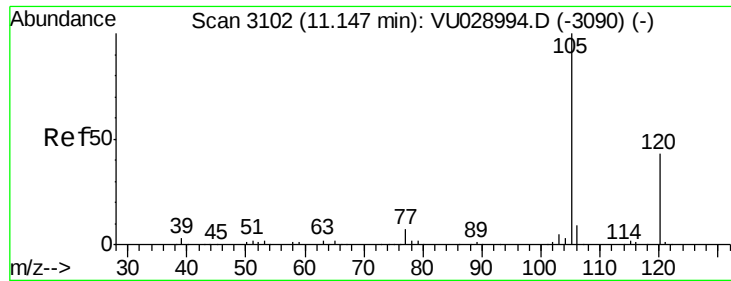
Tot Ion: 75 Resp: 37504
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0



#83
 tert-Butylbenzene
 Concen: 0.442 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.05 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Tgt Ion: 119 Resp: 1976
 Ion Ratio Lower Upper
 119 100
 91 82.1 28.2 84.6
 134 0.0 11.3 33.8#

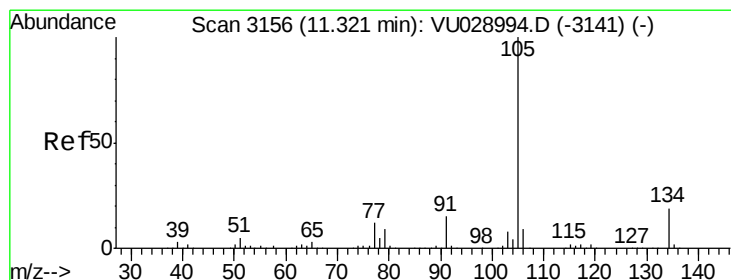
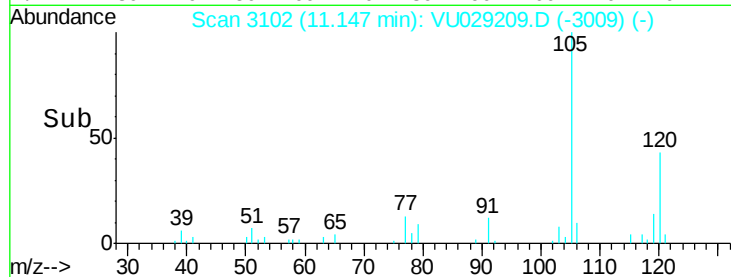
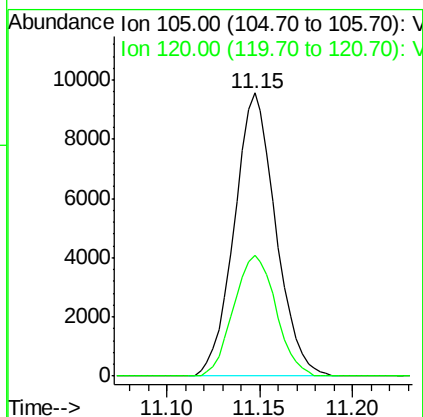
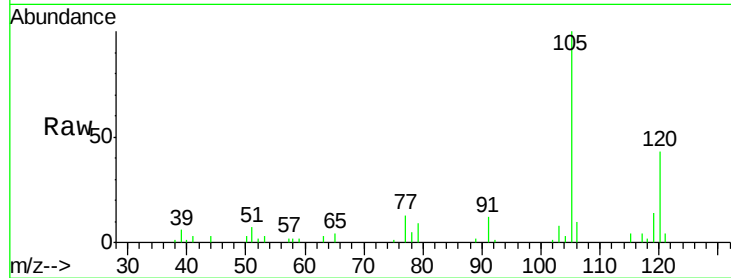




#84
 1,2,4-Trimethylbenzene
 Concen: 3.267 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

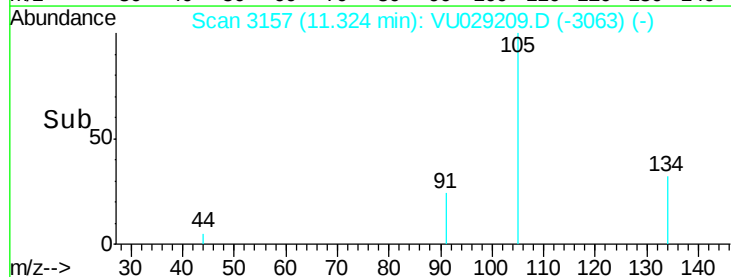
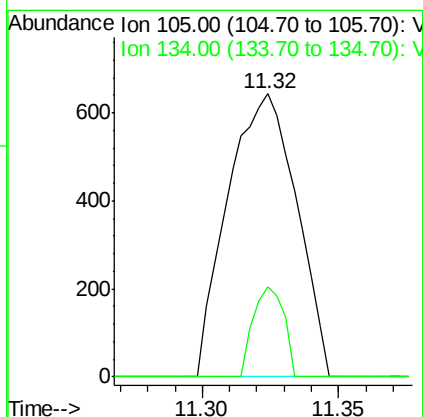
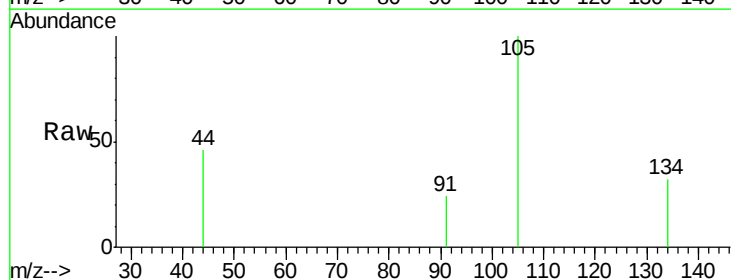
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-011518-B

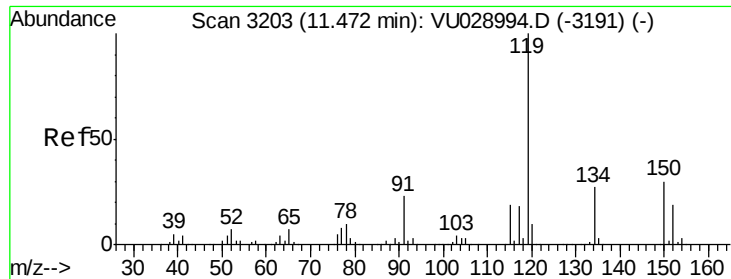
Tot Ion:105 Resp: 14794
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 0.208 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU029209.D
 Acq: 16 Jan 2019 15:06

Tgt Ion:105 Resp: 1127
 Ion Ratio Lower Upper
 105 100
 134 13.8 9.7 29.1

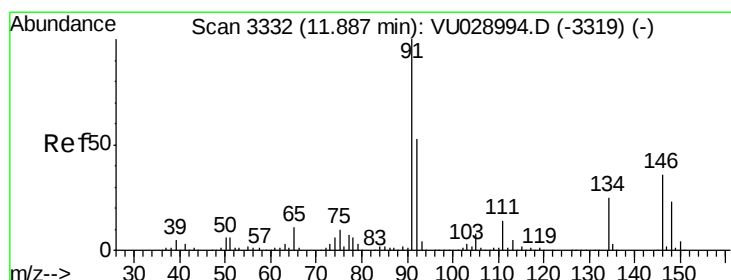
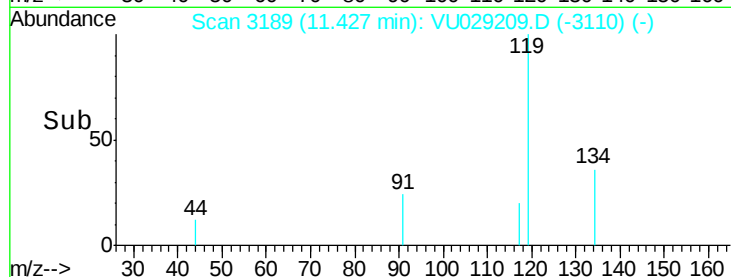
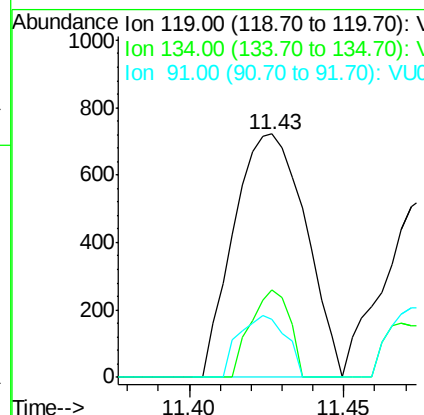
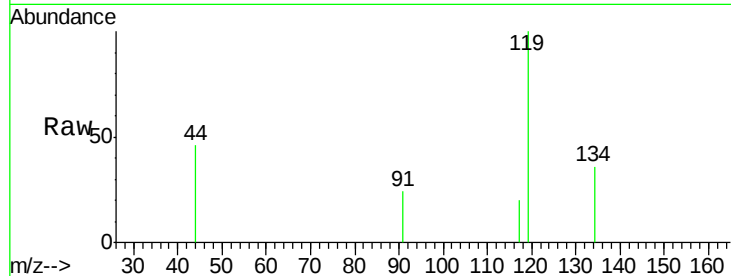




#86
p-Isopropyltoluene
Concen: 0.253 ug/l
RT: 11.43 min Scan# 3189
Delta R.T. -0.05 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

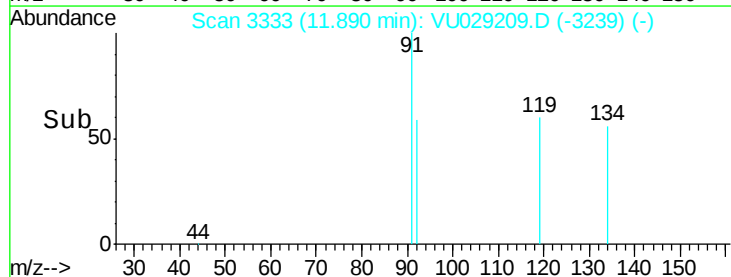
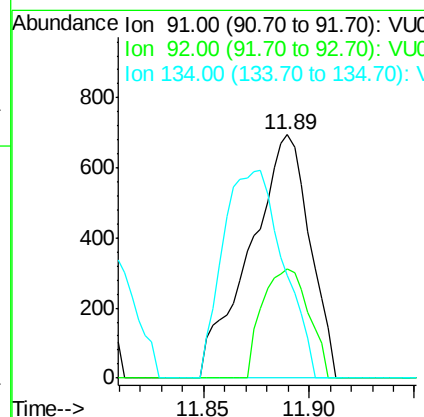
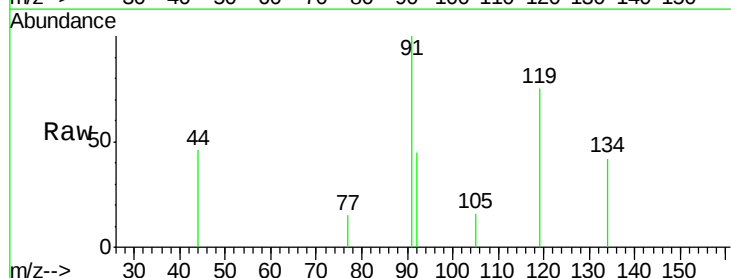
Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-B

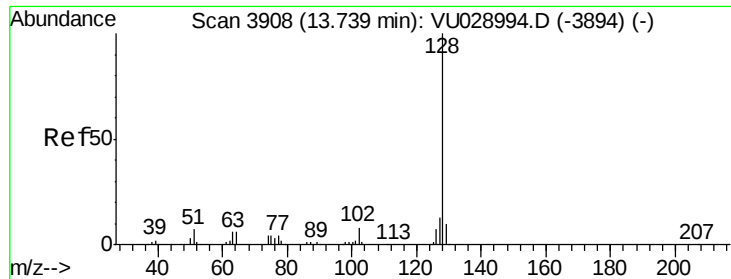
Tot Ion	Ratio	Lower	Upper
119	100		
134	19.3	13.5	40.4
91	16.6	11.3	33.8



#89
n-Butylbenzene
Concen: 0.332 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.8	26.2	78.5
134	86.0	12.6	37.6

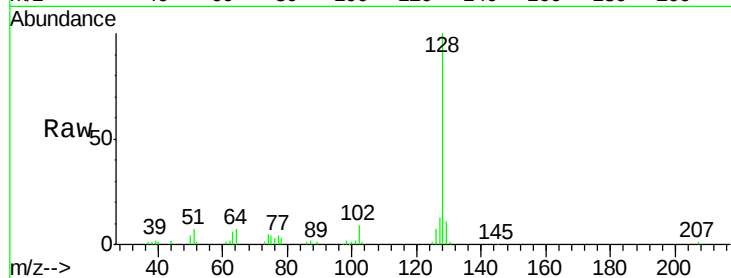




#95
Naphthalene
Concen: 7.309 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029209.D
Acq: 16 Jan 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
EO-01-011518-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.8	8.5	12.7



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

