

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025149.D
 Acq On : 02 Jul 2018 17:38
 Operator : MD/SY
 Sample : J3248-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-03-062818-C

Quant Time: Jul 03 03:00:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

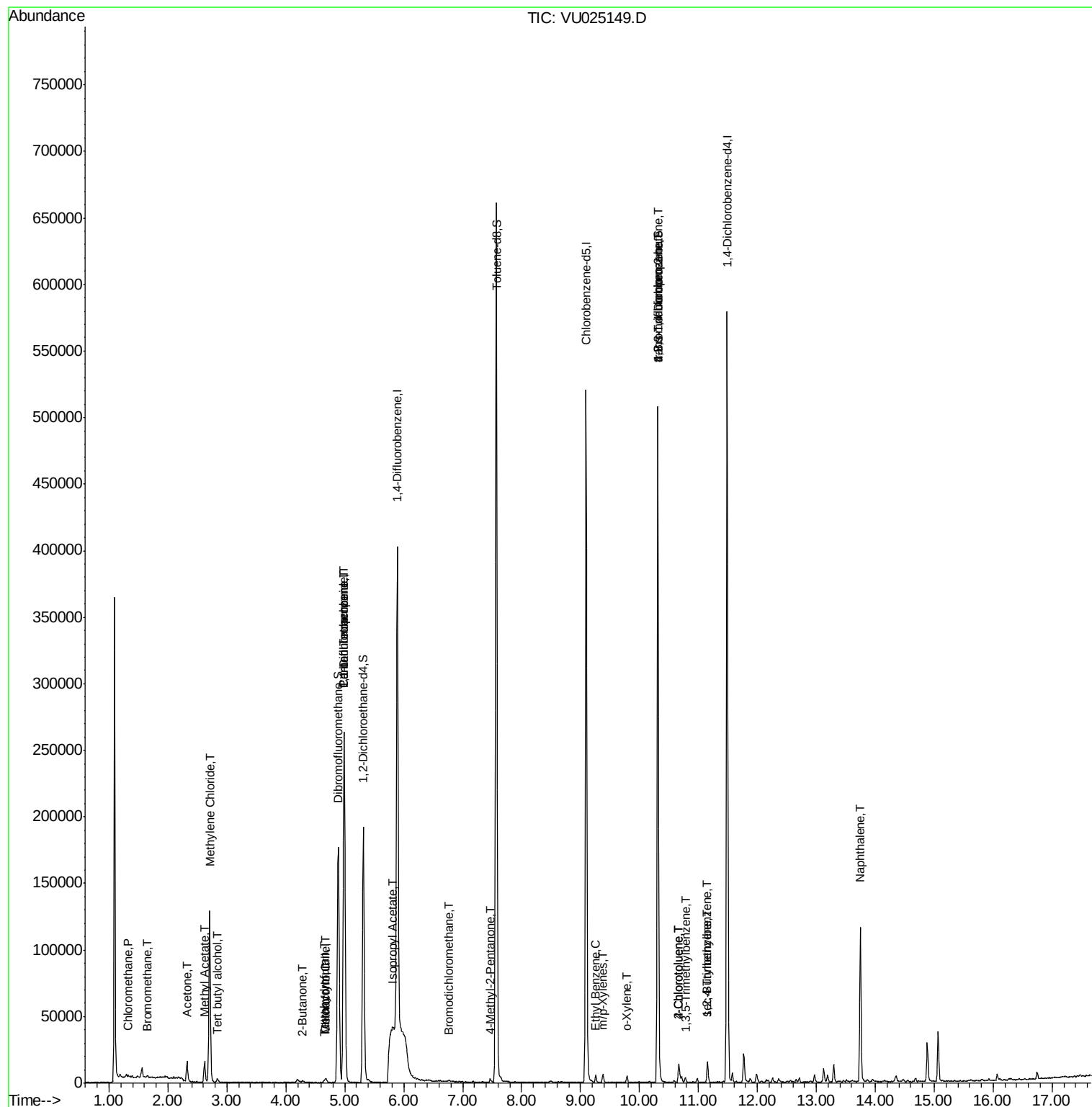
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307251	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157116	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	4.89	113	120740	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	7.57	98	442325	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	10.31	95	162639	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	720	0.277	ug/l #	82
5) Bromomethane	1.64	94	329	0.254	ug/l	95
6) Chloroethane	1.68	64	104	Below Cal	#	43
8) Diethyl Ether	2.11	74	63	Below Cal		85
11) Tert butyl alcohol	2.84	59	1770	2.197	ug/l #	72
16) Acetone	2.32	43	16953	9.524	ug/l	98
18) Methyl Acetate	2.62	43	19114	5.009	ug/l	98
20) Methylene Chloride	2.71	84	57435	20.564	ug/l	97
25) 2-Butanone	4.28	43	2875	1.202	ug/l #	88
29) Tetrahydrofuran	4.64	42	458	0.309	ug/l #	72
30) Chloroform	4.68	83	2783	0.562	ug/l	95
31) Cyclohexane	4.99	56	4085	Below Cal	#	20
36) 1,1-Dichloropropene	4.99	75	14861	4.116	ug/l #	51
38) Carbon Tetrachloride	4.99	117	19761	4.977	ug/l #	16
41) Methacrylonitrile	4.66	41	776	0.366	ug/l #	44
43) Isopropyl Acetate	5.80	43	49189	7.232	ug/l #	63
47) Bromodichloromethane	6.76	83	1264	0.329	ug/l #	94
51) 4-Methyl-2-Pentanone	7.47	43	1193	0.279	ug/l	99
67) Ethyl Benzene	9.26	91	4165	0.328	ug/l	99
68) m/p-Xylenes	9.38	106	1764	0.361	ug/l #	69
69) o-Xylene	9.79	106	1491	0.309	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	85786	26.539	ug/l #	35
79) 2-Chlorotoluene	10.67	91	8486	1.084	ug/l	93
80) 1,3,5-Trimethylbenzene	10.78	105	2250	0.230	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	85786	61.421	ug/l #	100
82) 4-Chlorotoluene	10.67	91	8486	0.931	ug/l	99
84) 1,2,4-Trimethylbenzene	11.16	105	8743	0.878	ug/l	91
85) sec-Butylbenzene	11.16	105	8743	0.743	ug/l #	57
95) Naphthalene	13.75	128	96027	9.453	ug/l	98

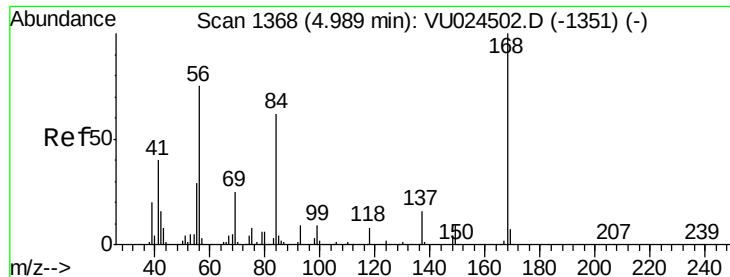
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

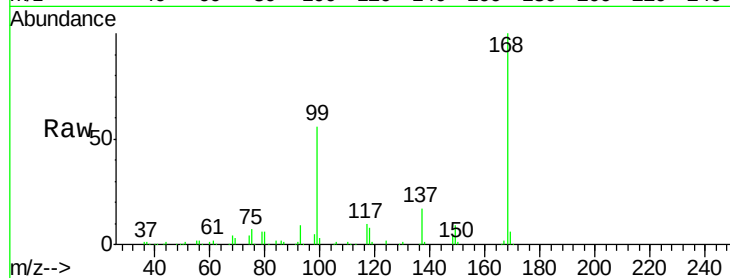
EO-03-062818-C

Tot Ion:168 Resp: 202934

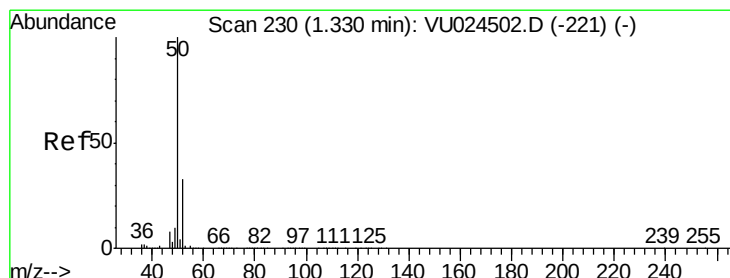
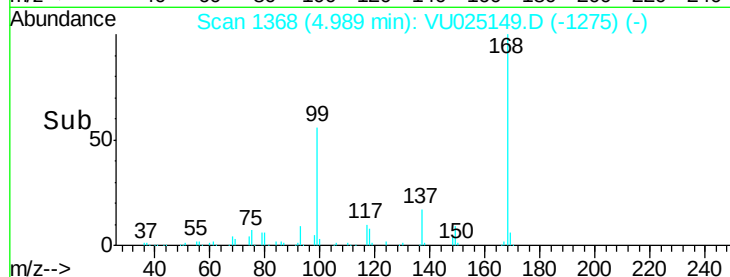
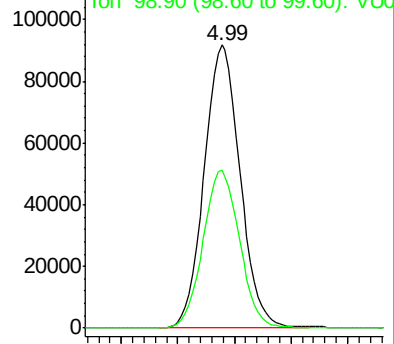
Ion Ratio Lower Upper

168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#3

Chloromethane

Concen: 0.277 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025149.D

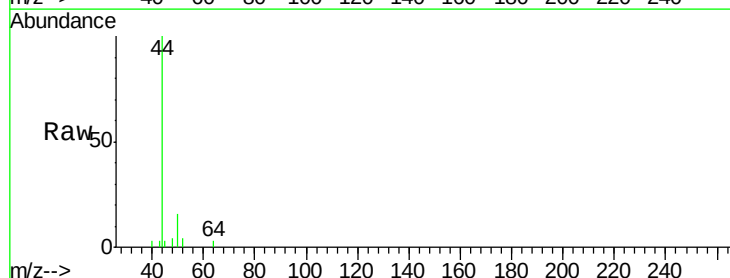
Acq: 02 Jul 2018 17:38

Tgt Ion: 50 Resp: 720

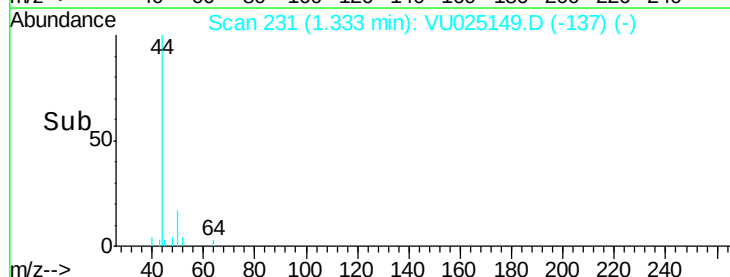
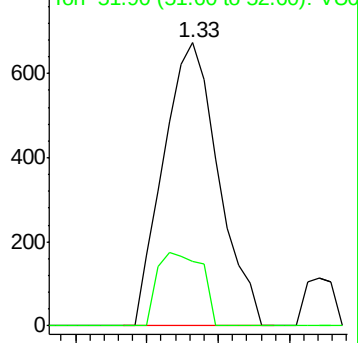
Ion Ratio Lower Upper

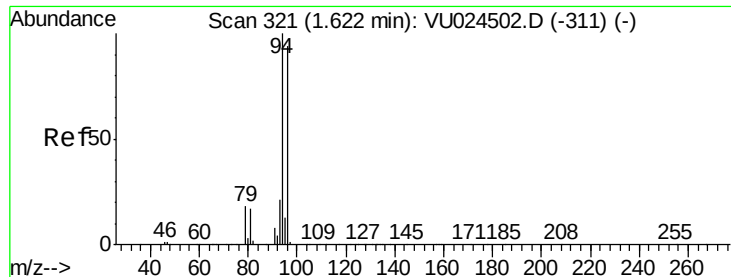
50 100

52 22.9 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)





#5

Bromomethane

Concen: 0.254 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

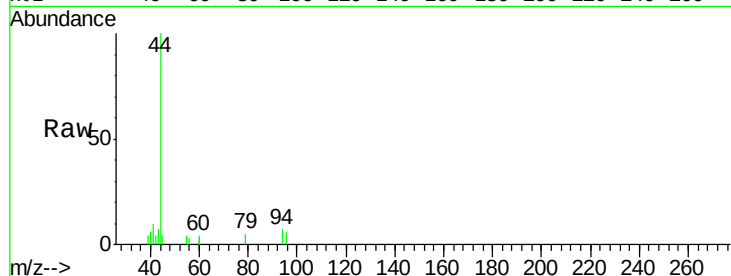
EO-03-062818-C

Tot Ion: 94 Resp: 329

Ion Ratio Lower Upper

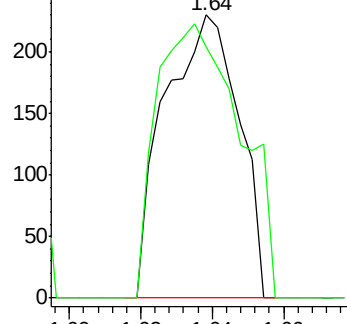
94 100

96 88.7 74.5 111.7

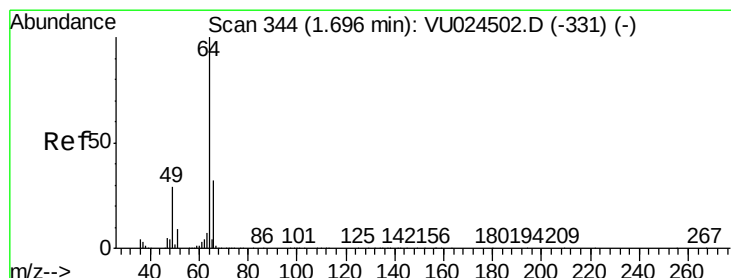
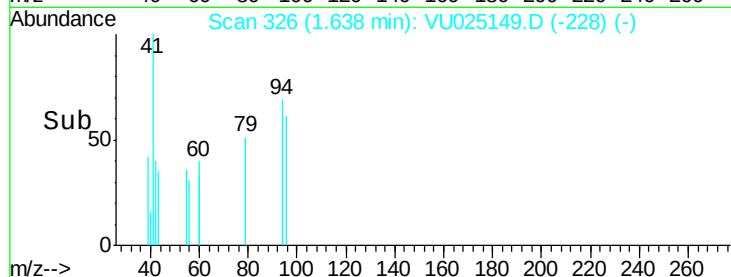


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU025149.D

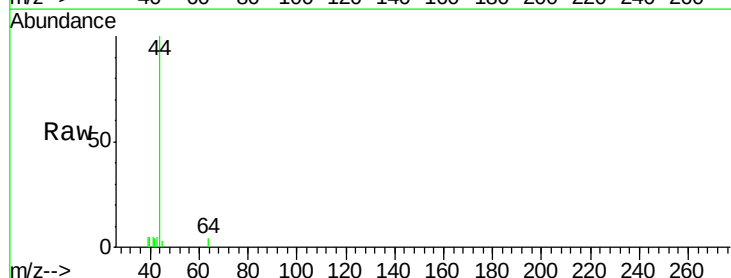
Acq: 02 Jul 2018 17:38

Tgt Ion: 64 Resp: 104

Ion Ratio Lower Upper

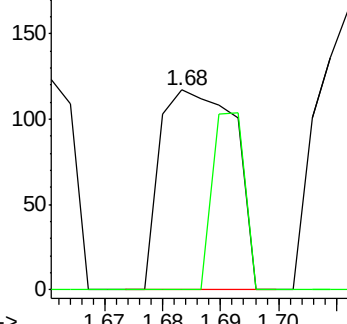
64 100

66 0.0 25.5 38.3#

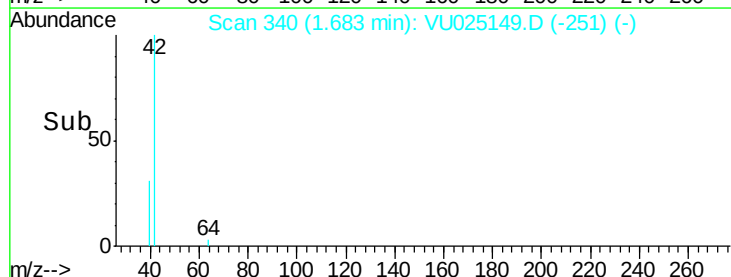


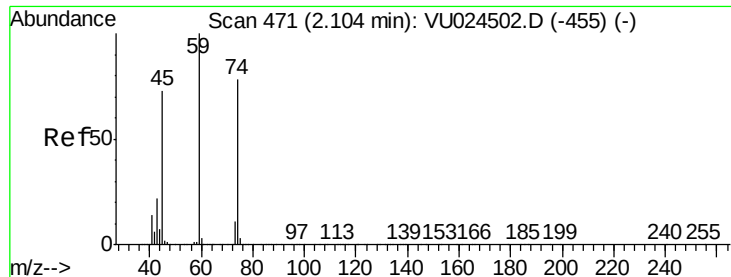
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

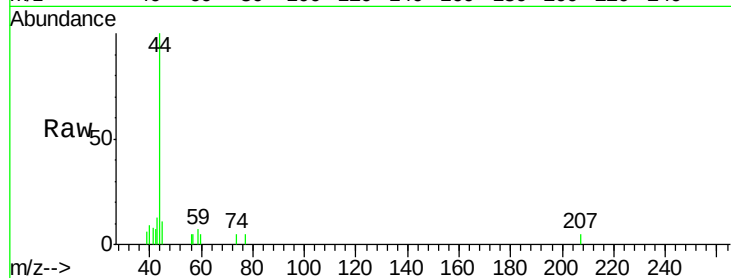
EO-03-062818-C

Tot Ion: 74 Resp: 63

Ion Ratio Lower Upper

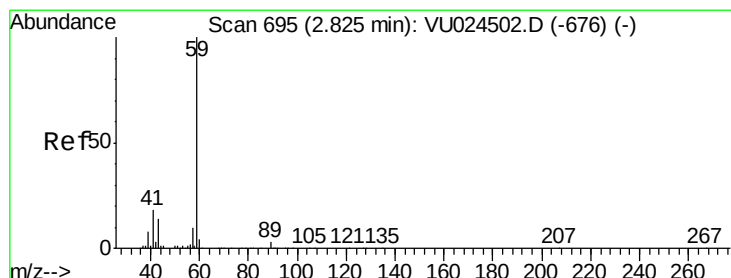
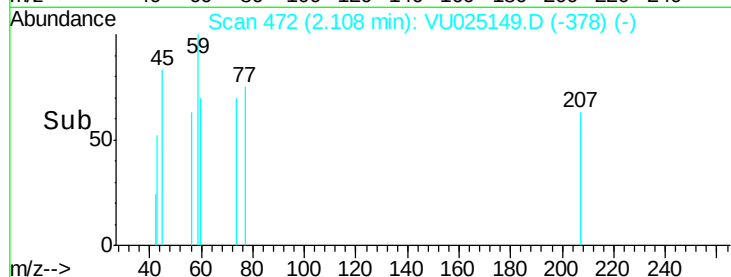
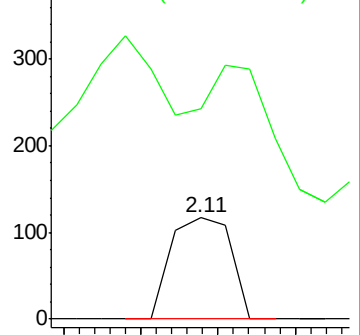
74 100

45 93.7 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



#11

Tert butyl alcohol

Concen: 2.197 ug/l

RT: 2.84 min Scan# 699

Delta R.T. 0.01 min

Lab File: VU025149.D

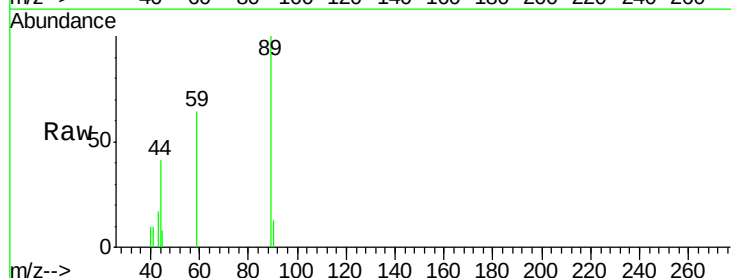
Acq: 02 Jul 2018 17:38

Tgt Ion: 59 Resp: 1770

Ion Ratio Lower Upper

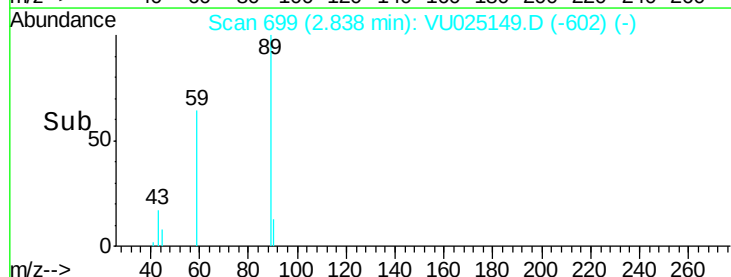
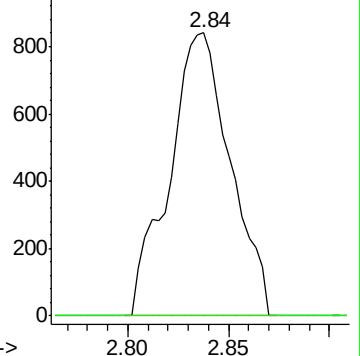
59 100

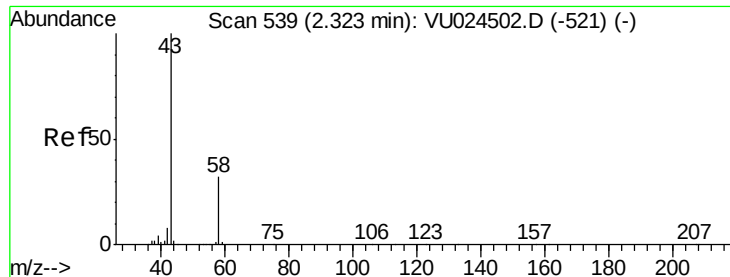
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#16

Acetone

Concen: 9.524 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

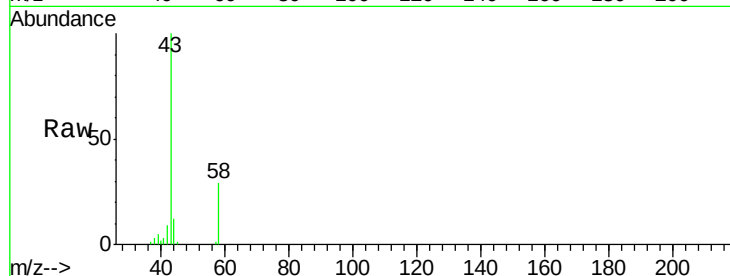
EO-03-062818-C

Tot Ion: 43 Resp: 16953

Ion Ratio Lower Upper

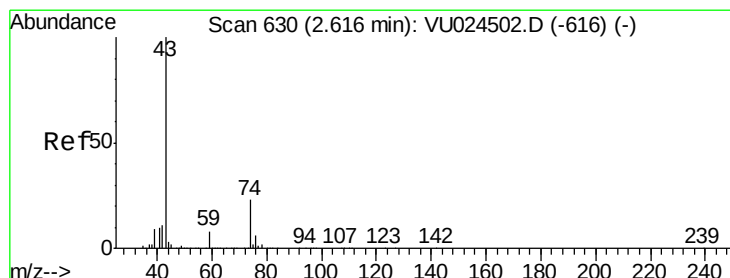
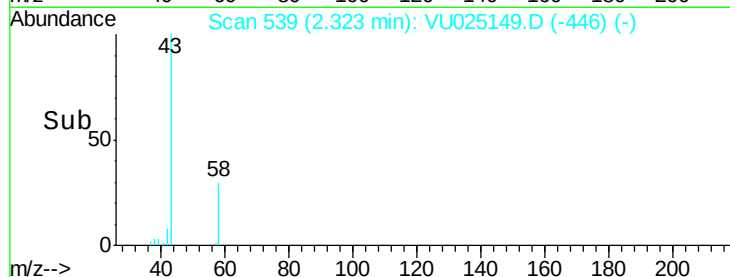
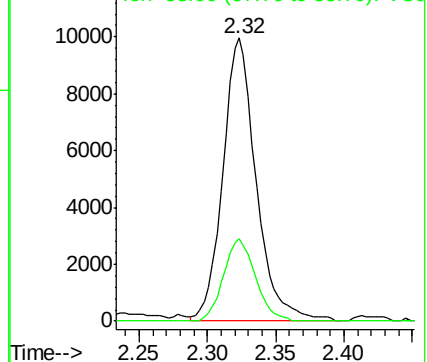
43 100

58 29.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 5.009 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025149.D

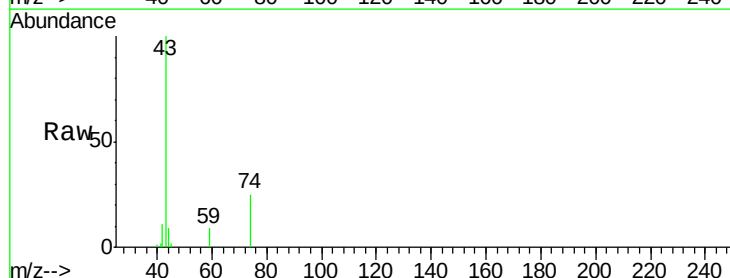
Acq: 02 Jul 2018 17:38

Tgt Ion: 43 Resp: 19114

Ion Ratio Lower Upper

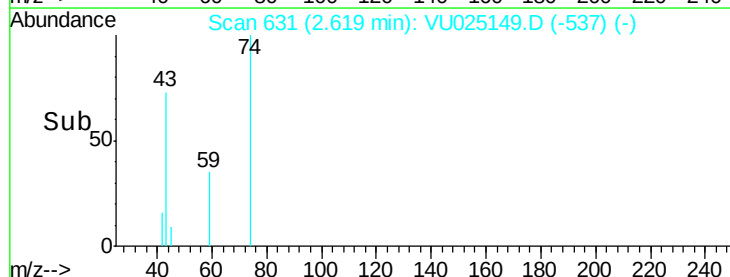
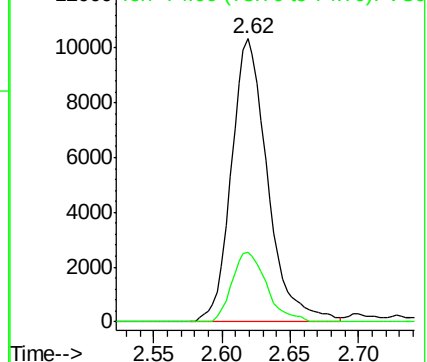
43 100

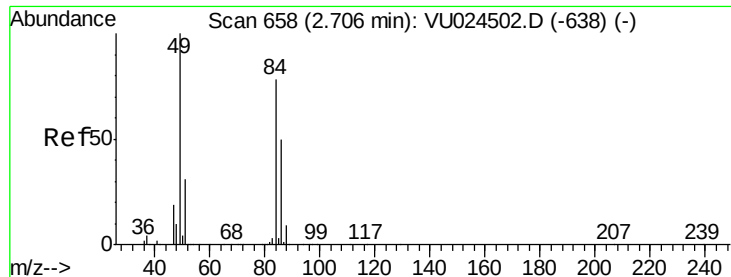
74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

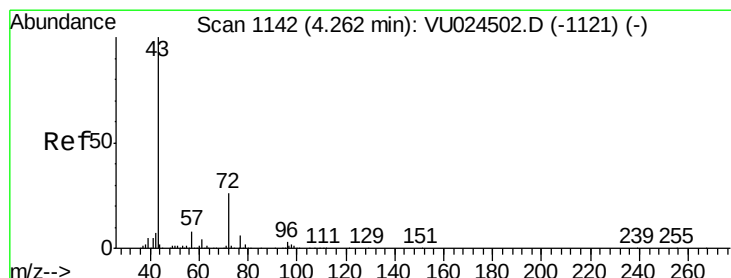
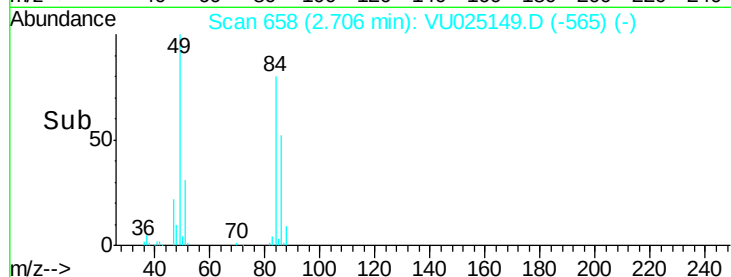
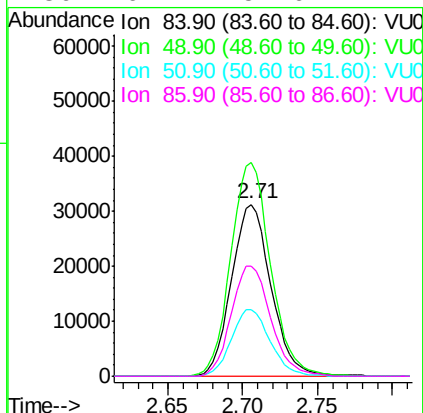
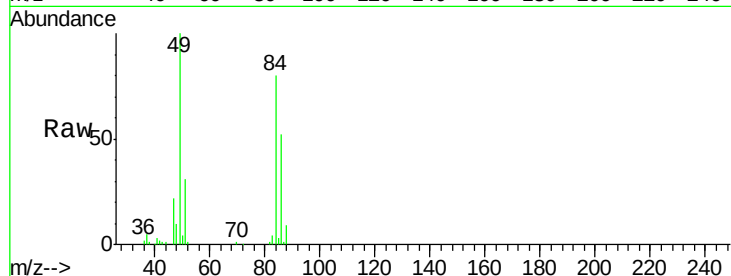




#20
Methylene Chloride
Concen: 20.564 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

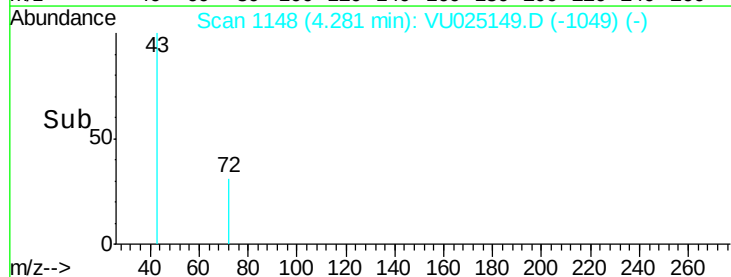
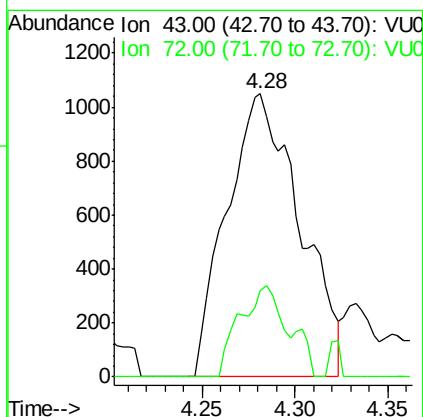
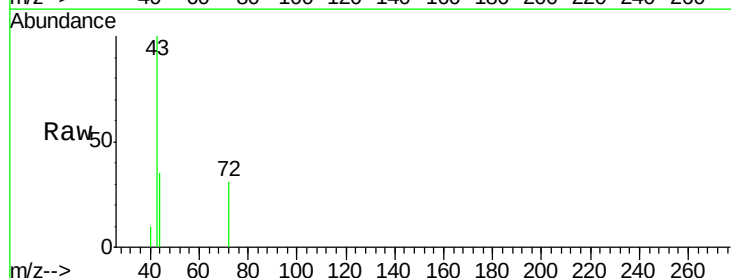
Instrument :
MSVOA_U
ClientSampleId :
EO-03-062818-C

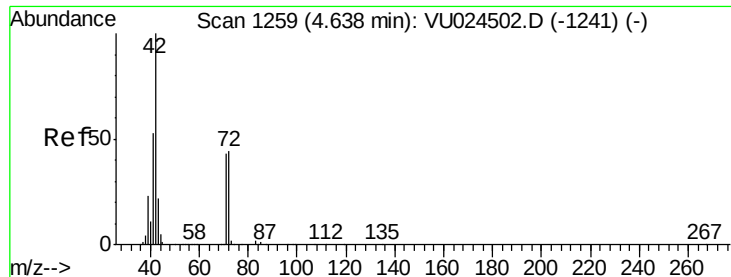
Tot Ion: 84 Resp: 57435
Ion Ratio Lower Upper
84 100
49 124.3 103.8 155.8
51 39.0 32.0 48.0
86 64.4 51.6 77.4



#25
2-Butanone
Concen: 1.202 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
72 30.7 19.6 29.4#





#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

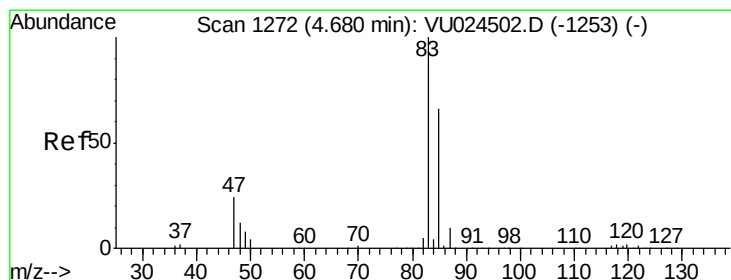
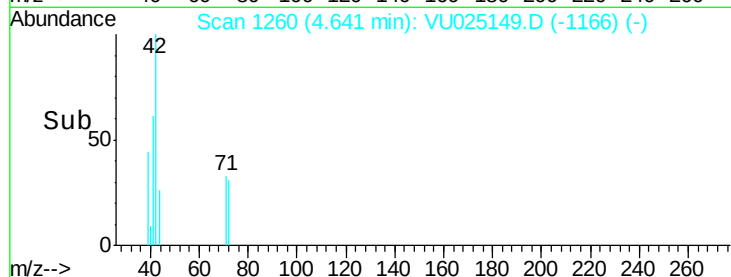
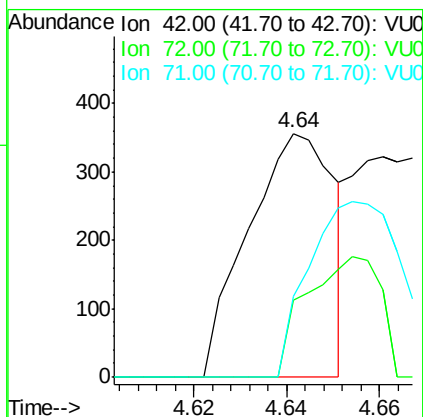
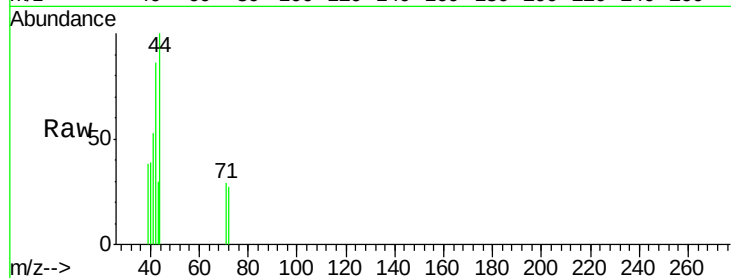
Tot Ion: 42 Resp: 458

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

71 75.1 32.2 48.4#



#30

Chloroform

Concen: 0.562 ug/l

RT: 4.68 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VU025149.D

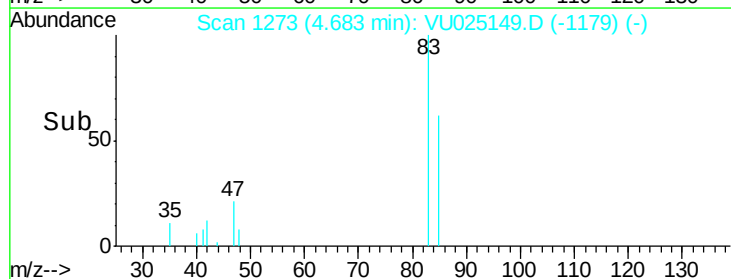
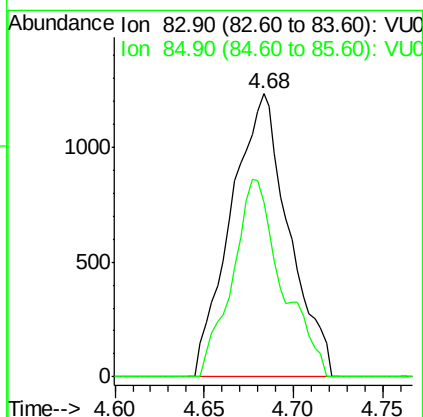
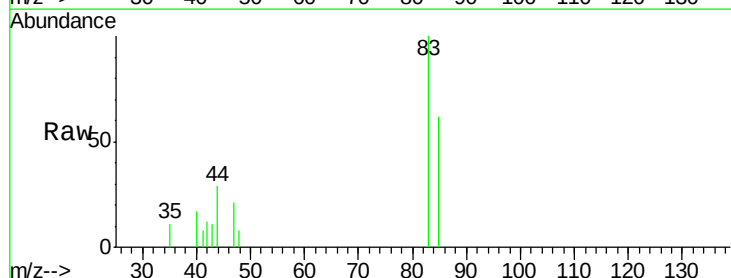
Acq: 02 Jul 2018 17:38

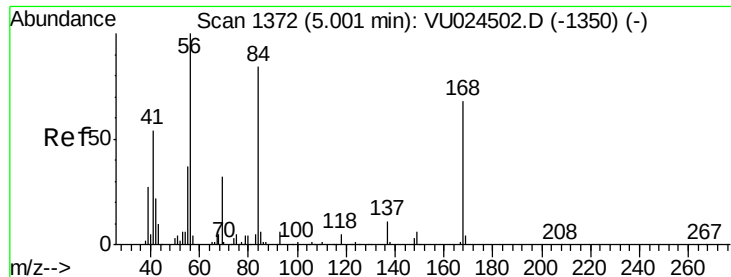
Tgt Ion: 83 Resp: 2783

Ion Ratio Lower Upper

83 100

85 61.8 52.4 78.6

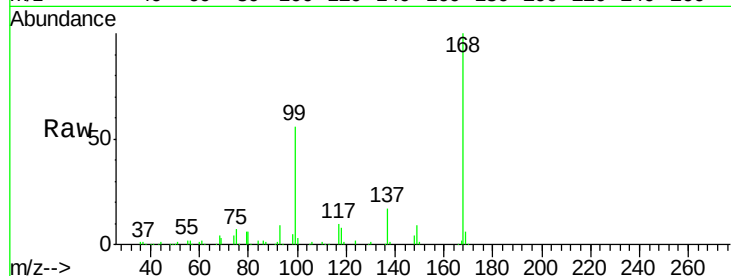




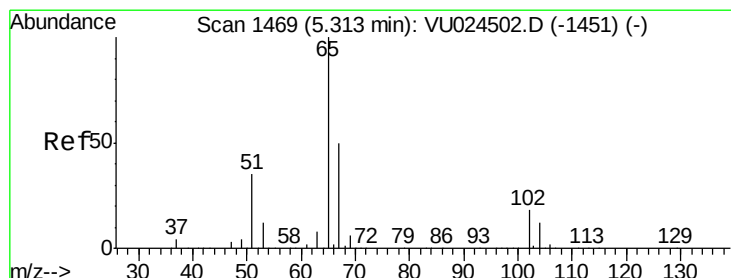
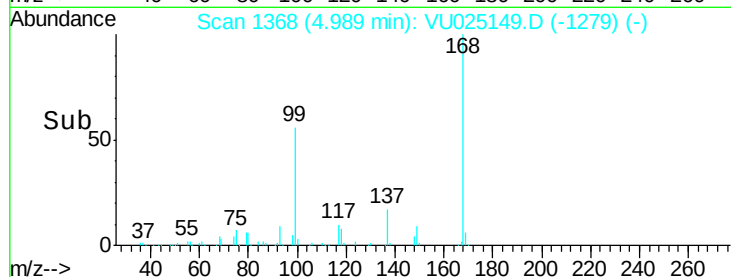
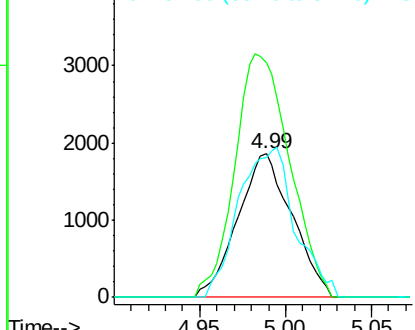
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

Instrument :
MSVOA_U
ClientSampleId :
EO-03-062818-C

Tot Ion: 56 Resp: 4085
Ion Ratio Lower Upper
56 100
69 164.0 24.8 37.2#
84 97.4 65.2 97.8

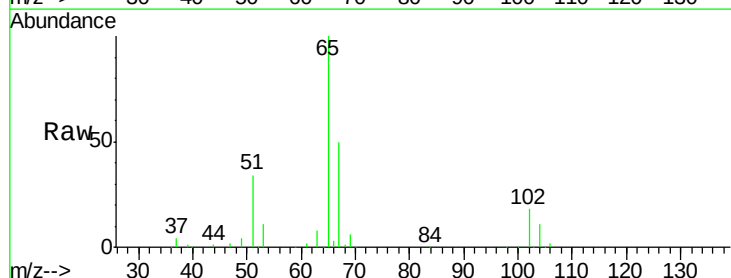


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

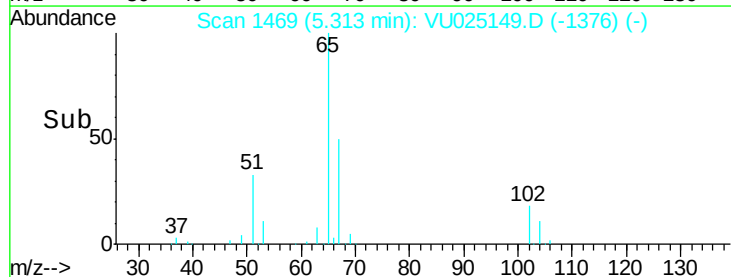
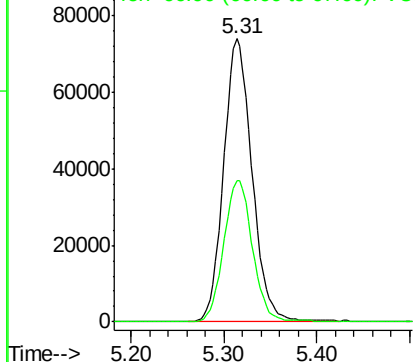


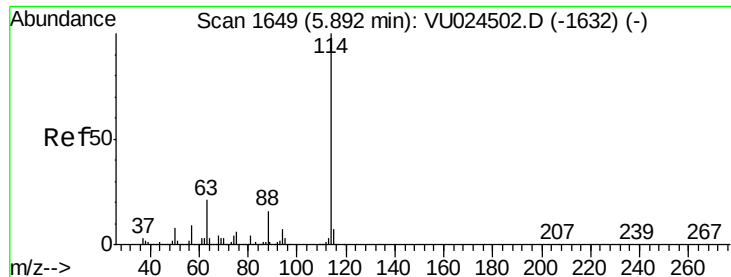
#33
1,2-Dichloroethane-d4
Concen: 47.425 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

Tgt Ion: 65 Resp: 157116
Ion Ratio Lower Upper
65 100
67 50.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

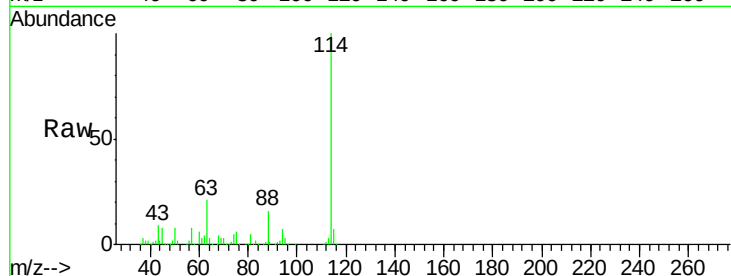
Tot Ion:114 Resp: 307251

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.4

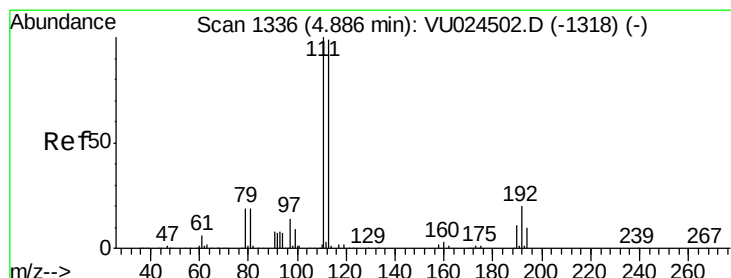
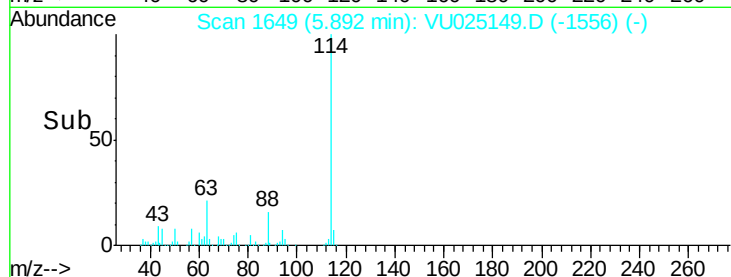
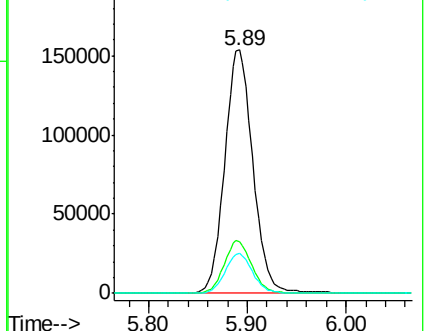
88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.350 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

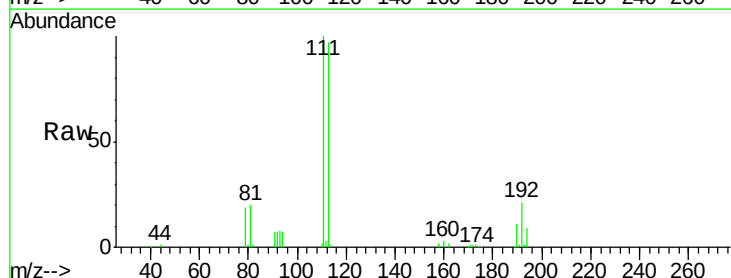
Tgt Ion:113 Resp: 120740

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

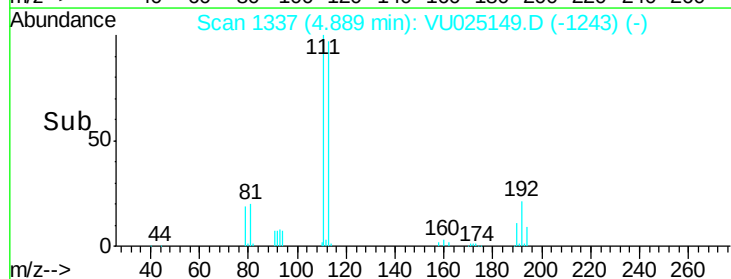
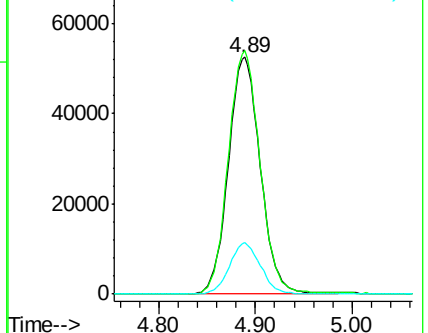
192 20.9 16.2 24.4

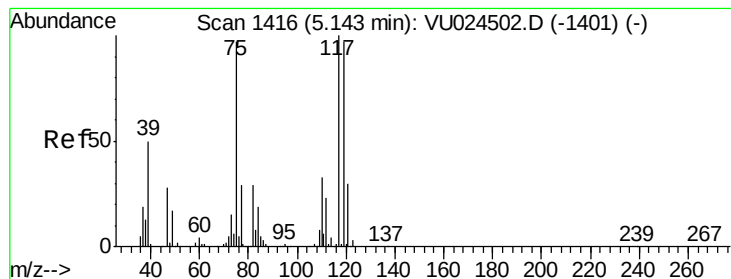


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.116 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

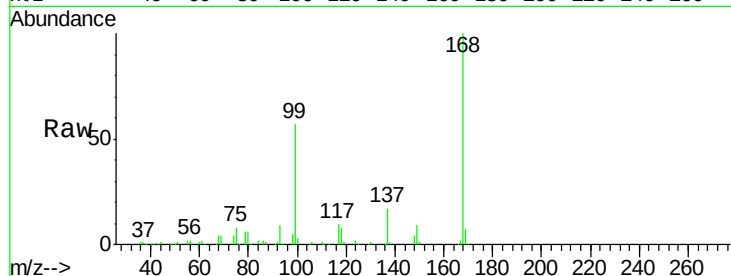
Tot Ion: 75 Resp: 14861

Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.0 24.2 36.4#

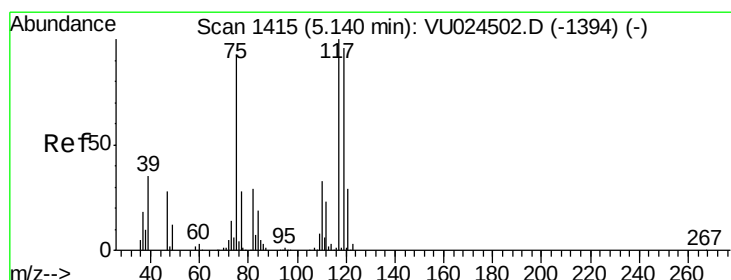
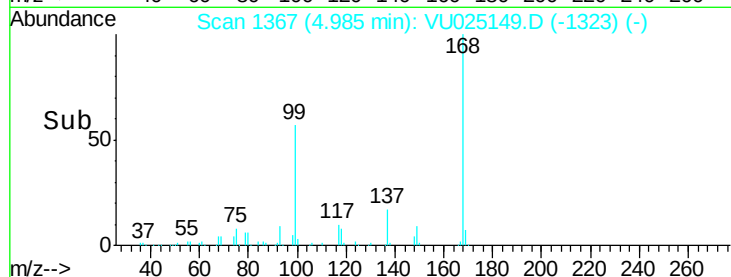


Abundance Ion 74.90 (74.60 to 75.60): VU025149.D (-1323) (-)

Ion 109.90 (109.60 to 110.60): VU025149.D (-1323) (-)

Ion 76.90 (76.60 to 77.60): VU025149.D (-1323) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.977 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

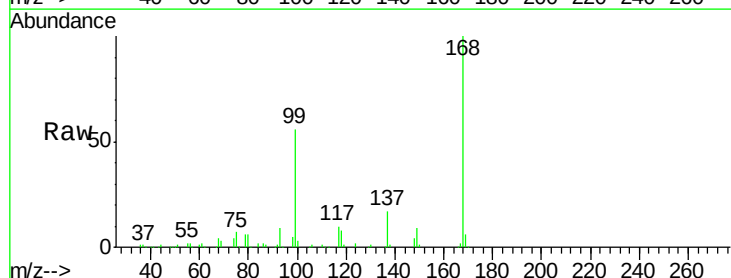
Tgt Ion: 117 Resp: 19761

Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

121 0.0 23.7 35.5#

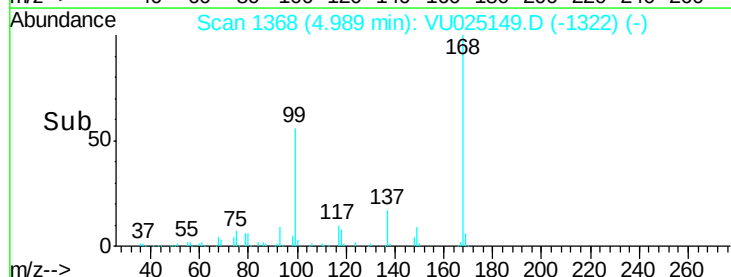


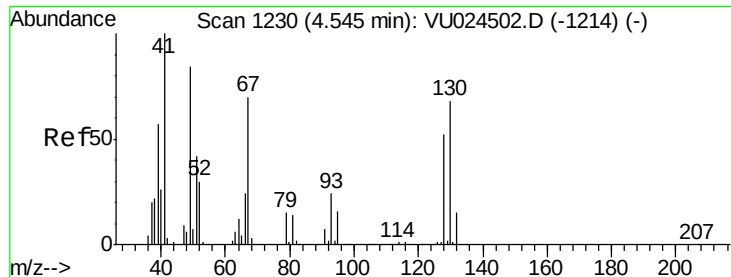
Abundance Ion 116.80 (116.50 to 117.50): VU025149.D (-1322) (-)

Ion 118.80 (118.50 to 119.50): VU025149.D (-1322) (-)

Ion 120.80 (120.50 to 121.50): VU025149.D (-1322) (-)

Time-->





#41

Methacrylonitrile

Concen: 0.366 ug/l

RT: 4.66 min Scan# 1266

Delta R.T. 0.12 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

Tot Ion: 41 Resp: 776

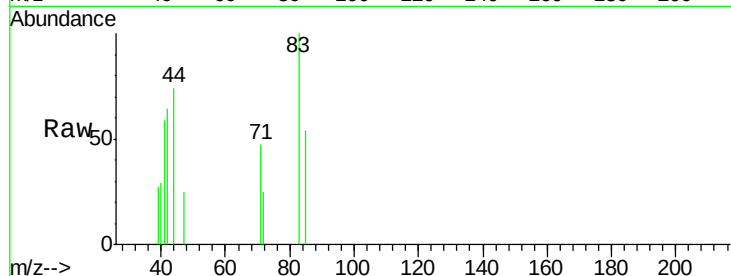
Ion Ratio Lower Upper

41 100

39 40.5 43.8 65.6#

67 0.0 56.3 84.5#

52 0.0 23.2 34.8#

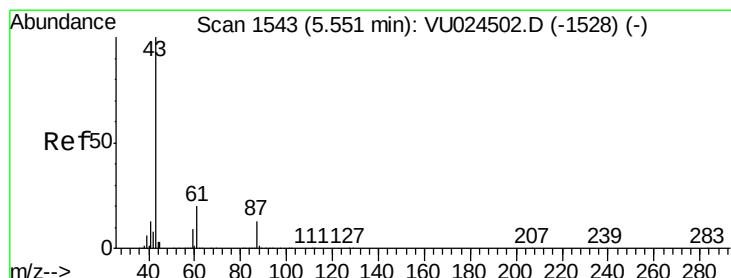
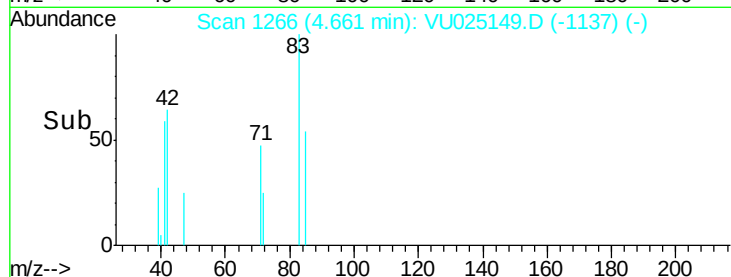
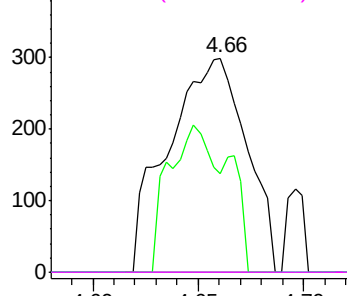


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#43

Isopropyl Acetate

Concen: 7.232 ug/l

RT: 5.80 min Scan# 1619

Delta R.T. 0.24 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

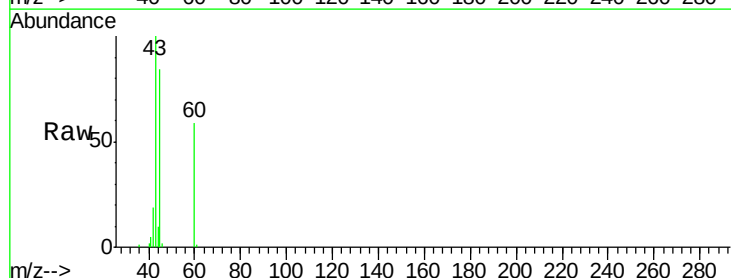
Tgt Ion: 43 Resp: 49189

Ion Ratio Lower Upper

43 100

61 0.7 15.4 23.0#

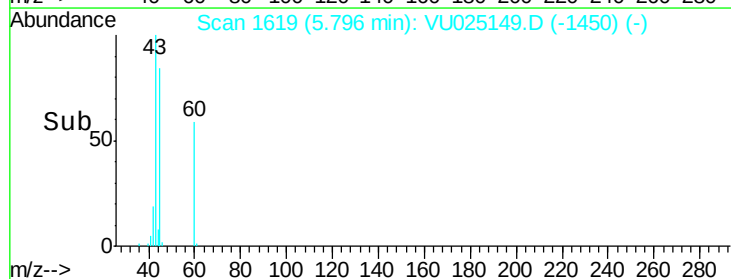
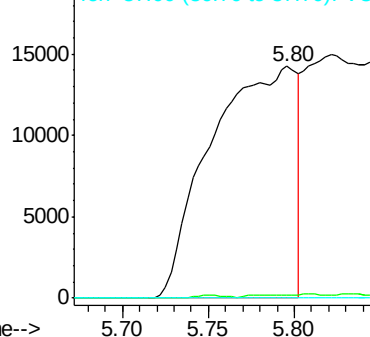
87 0.0 10.0 15.0#

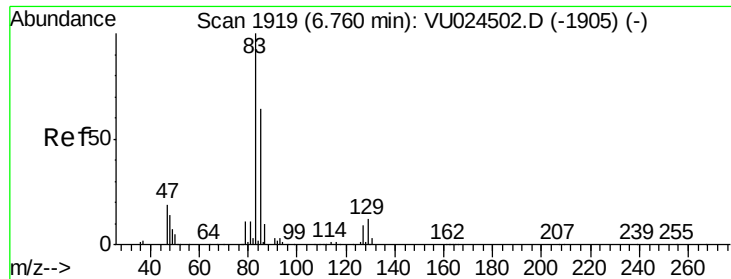


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#47

Bromodichloromethane

Concen: 0.329 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

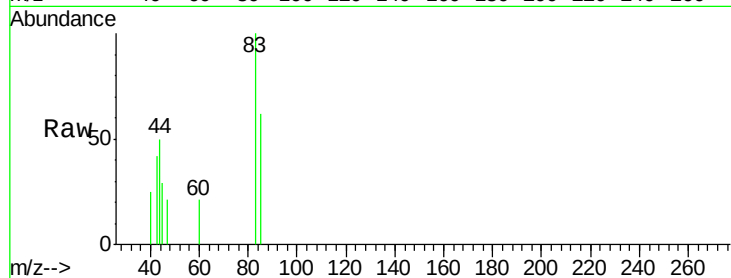
Tot Ion: 83 Resp: 1264

Ion Ratio Lower Upper

83 100

85 62.1 51.9 77.9

127 0.0 6.6 9.8#



Abundance Ion 82.90 (82.60 to 83.60): VU025149.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025149.D (-1826) (-)

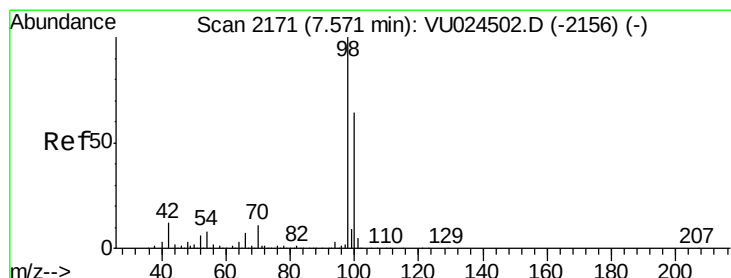
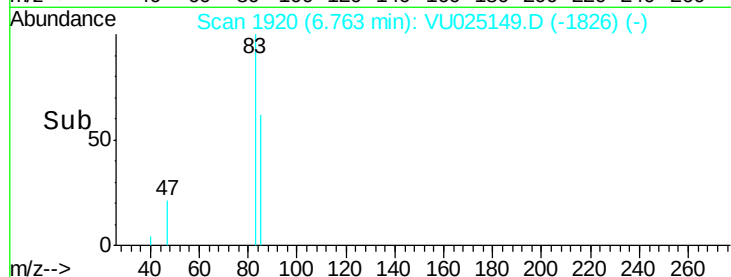
Ion 126.80 (126.50 to 127.50): VU025149.D (-1826) (-)

6.76

6.75

6.80

Time-->



#50

Toluene-d8

Concen: 47.556 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025149.D

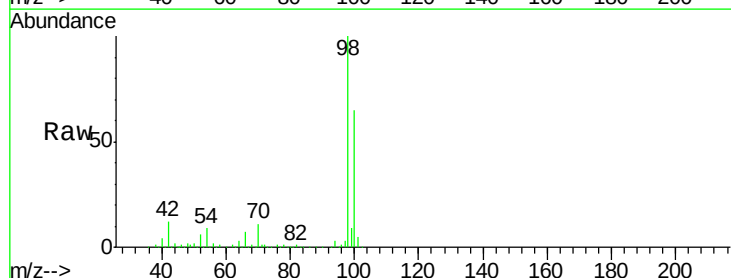
Acq: 02 Jul 2018 17:38

Tgt Ion: 98 Resp: 442325

Ion Ratio Lower Upper

98 100

100 62.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025149.D (-2078) (-)

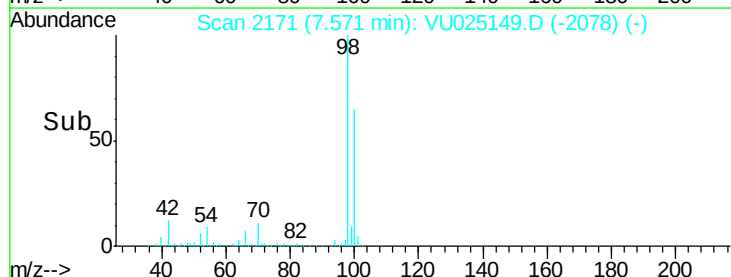
Ion 100.00 (99.70 to 100.70): VU025149.D (-2078) (-)

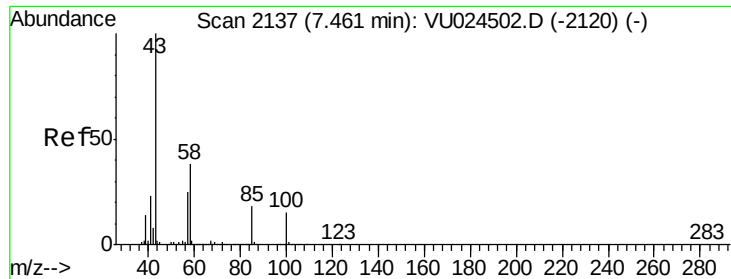
7.57

7.55

7.60

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.279 ug/l

RT: 7.47 min Scan# 2140

Delta R.T. 0.01 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

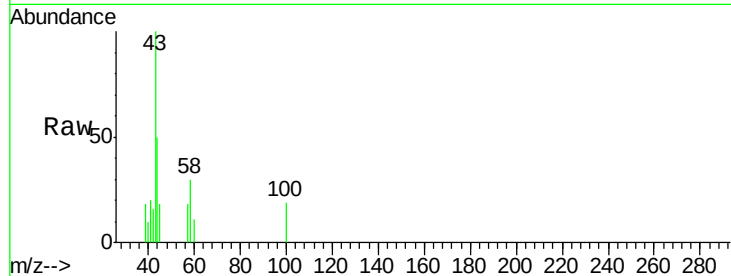
EO-03-062818-C

Tot Ion: 43 Resp: 1193

Ion Ratio Lower Upper

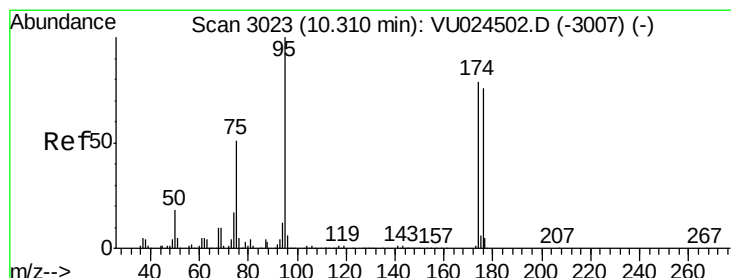
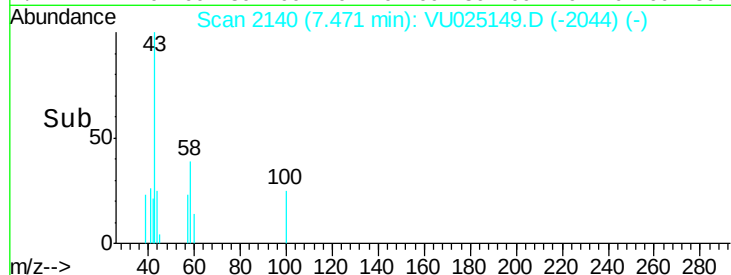
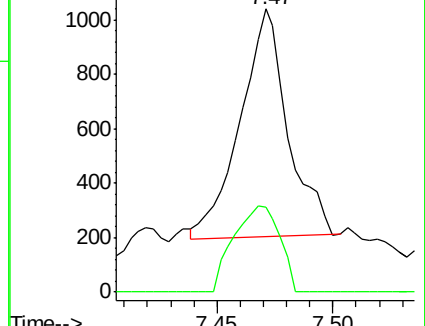
43 100

58 36.6 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.041 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

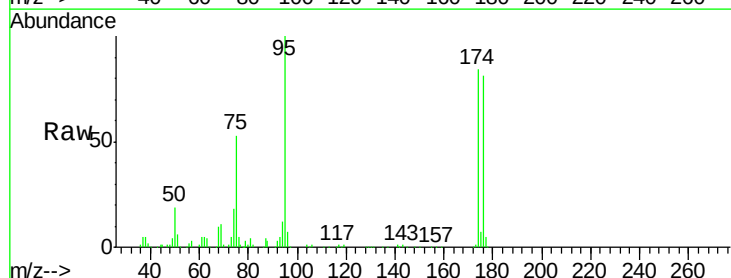
Tgt Ion: 95 Resp: 162639

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

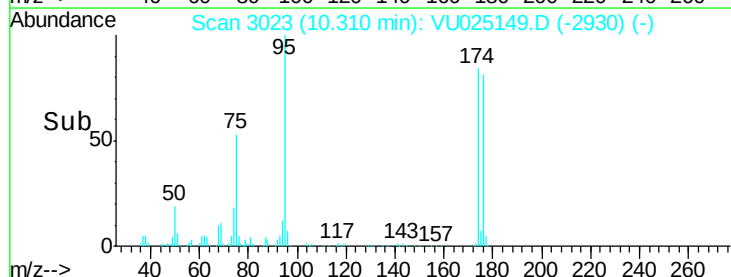
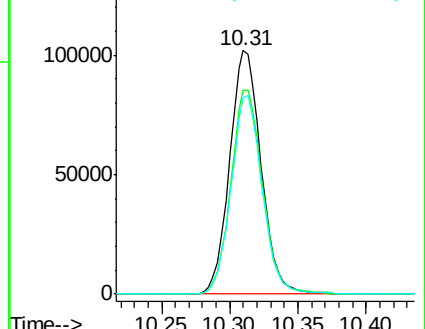
176 81.2 0.0 159.4

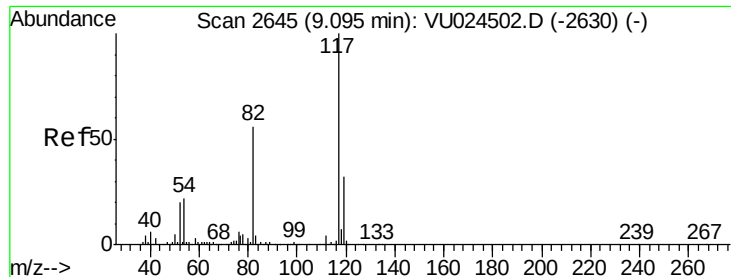


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

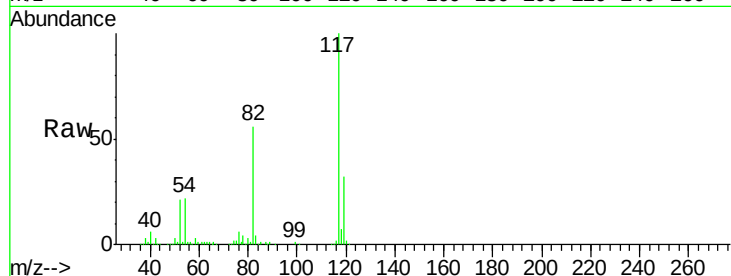




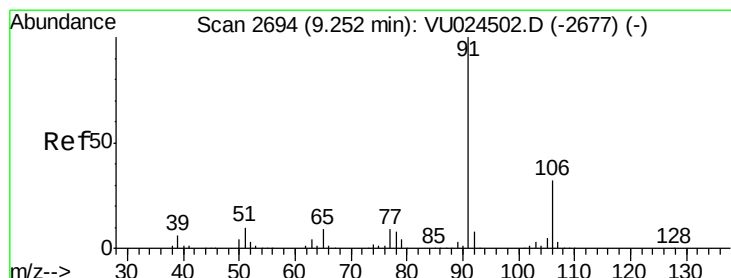
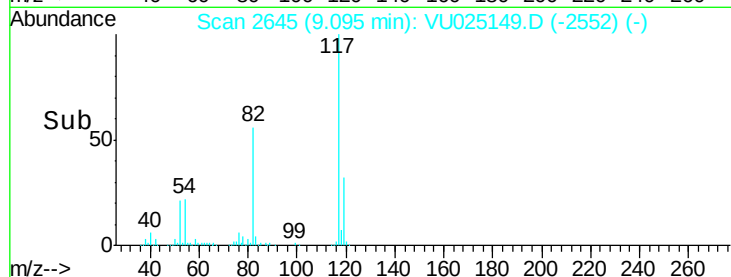
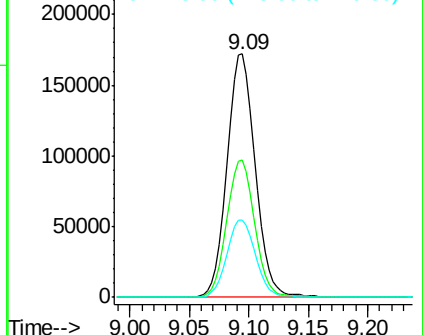
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

Instrument :
MSVOA_U
ClientSampleId :
EO-03-062818-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.3	66.5
119	31.7	25.4	38.2

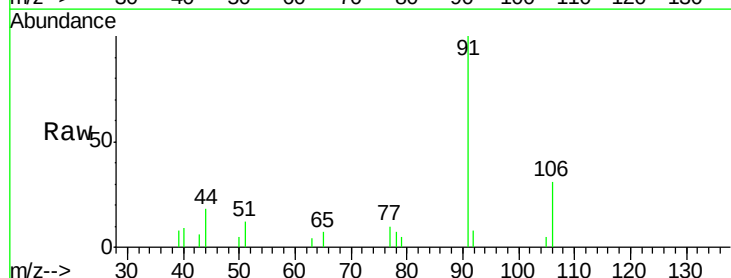


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

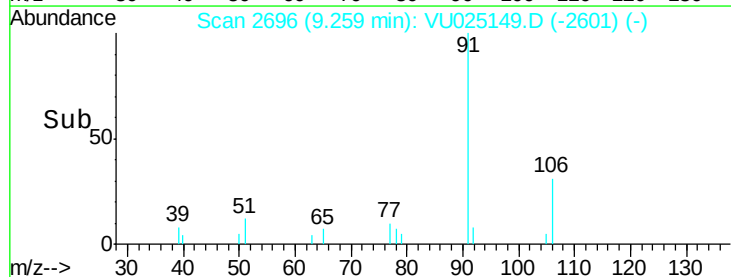
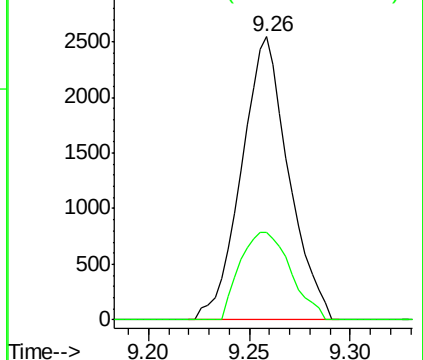


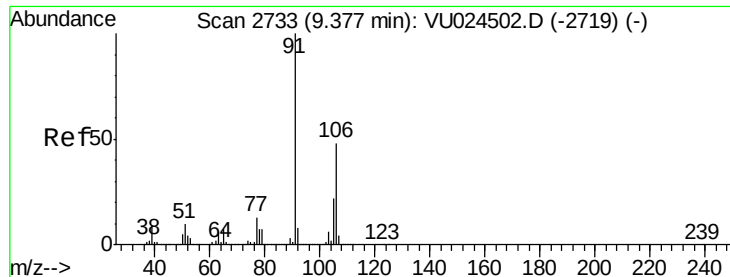
#67
Ethyl Benzene
Concen: 0.328 ug/l
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.2	36.4



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

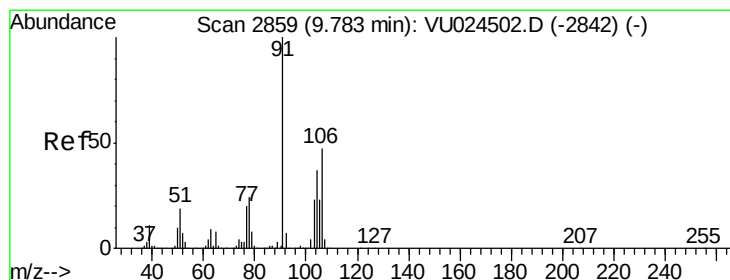
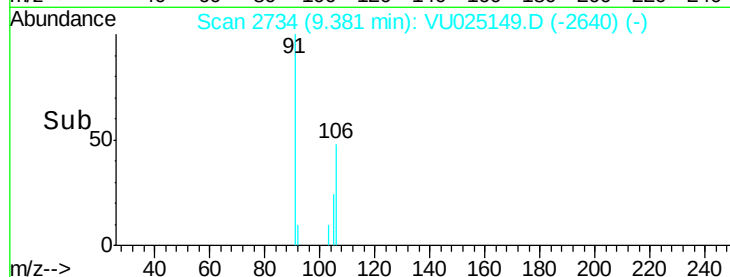
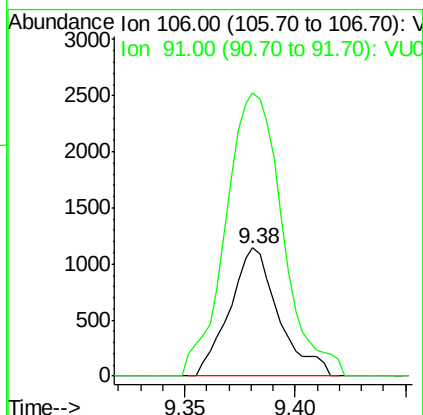
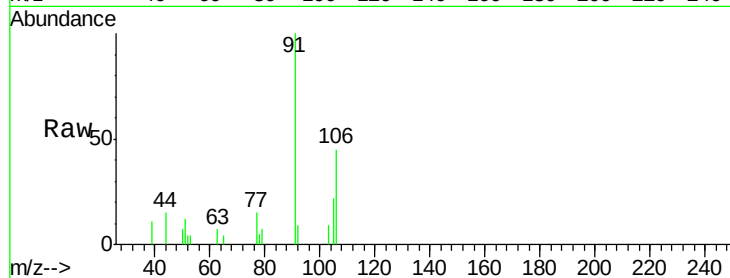




#68
m/p-Xylenes
Concen: 0.361 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

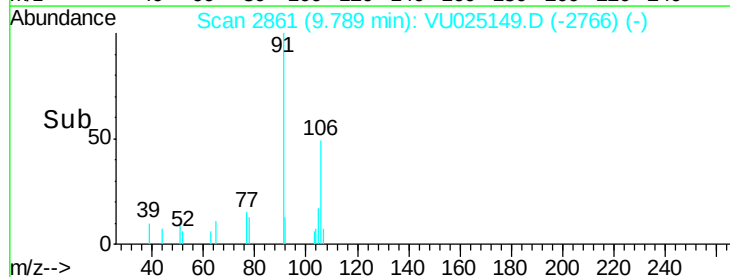
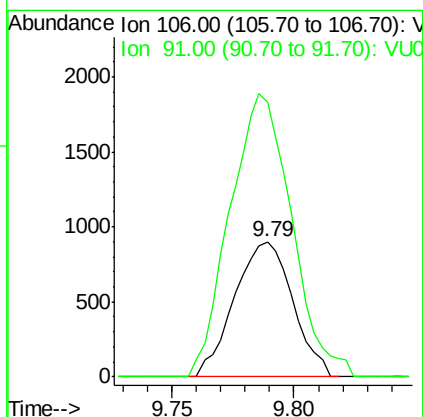
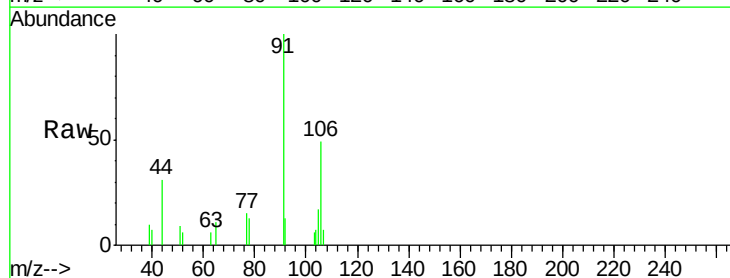
Instrument :
MSVOA_U
ClientSampleId :
EO-03-062818-C

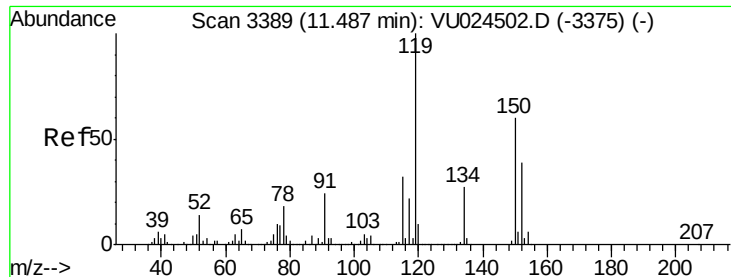
Tot Ion:106 Resp: 1764
Ion Ratio Lower Upper
106 100
91 256.6 166.5 249.7#



#69
o-Xylene
Concen: 0.309 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU025149.D
Acq: 02 Jul 2018 17:38

Tgt Ion:106 Resp: 1491
Ion Ratio Lower Upper
106 100
91 221.9 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

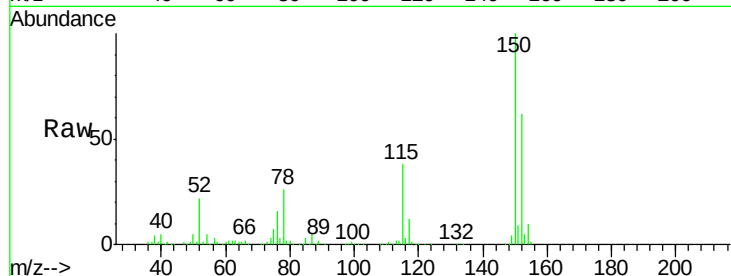
Tot Ion:152 Resp: 146823

Ion Ratio Lower Upper

152 100

115 60.0 43.0 129.0

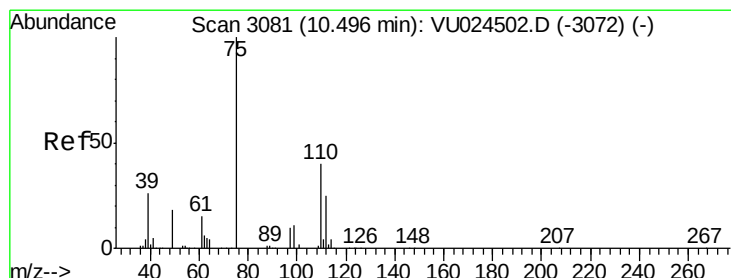
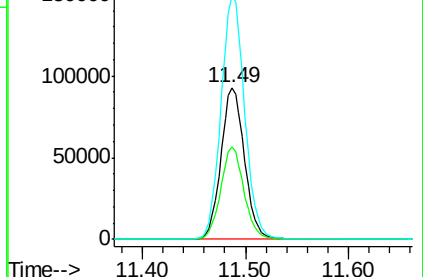
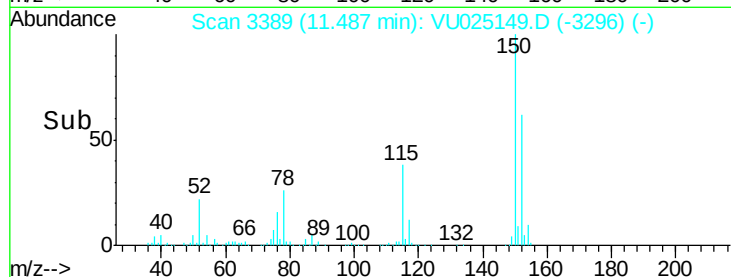
150 161.4 0.0 354.0



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: 26.539 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025149.D

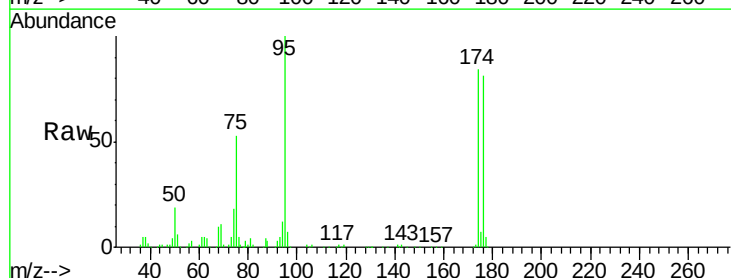
Acq: 02 Jul 2018 17:38

Tgt Ion: 75 Resp: 85786

Ion Ratio Lower Upper

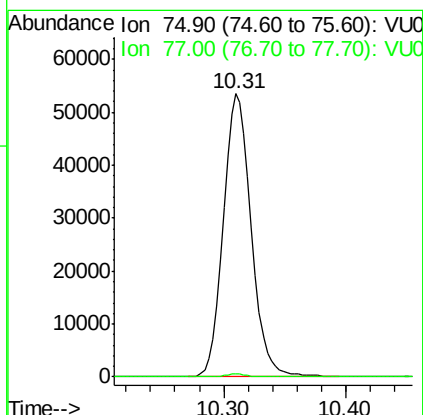
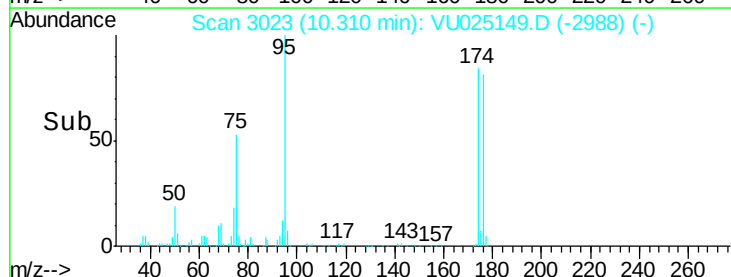
75 100

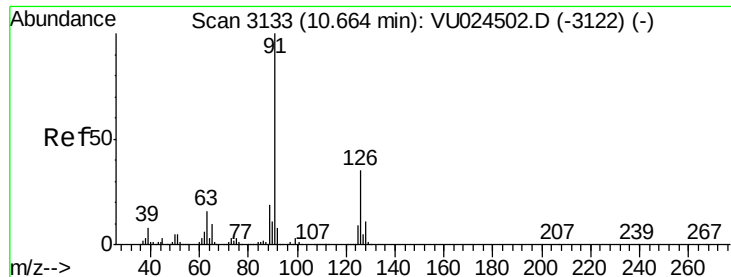
77 0.9 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#79

2-Chlorotoluene

Concen: 1.084 ug/l

RT: 10.67 min Scan# 3134

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

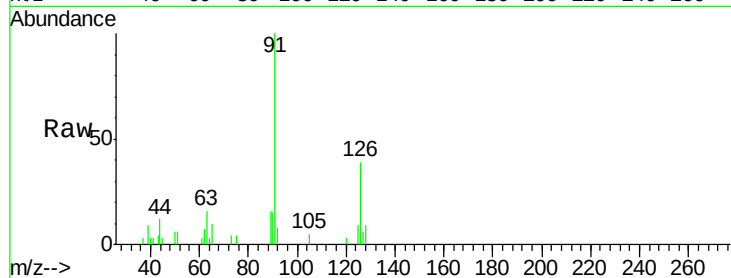
EO-03-062818-C

Tot Ion: 91 Resp: 8486

Ion Ratio Lower Upper

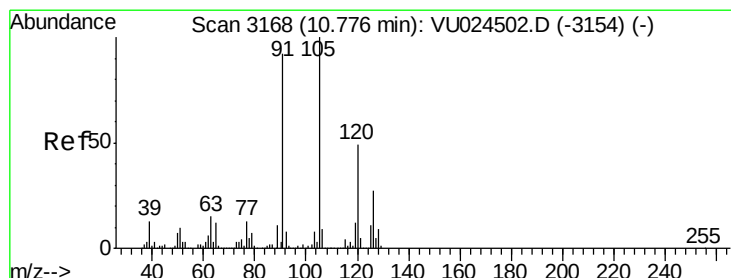
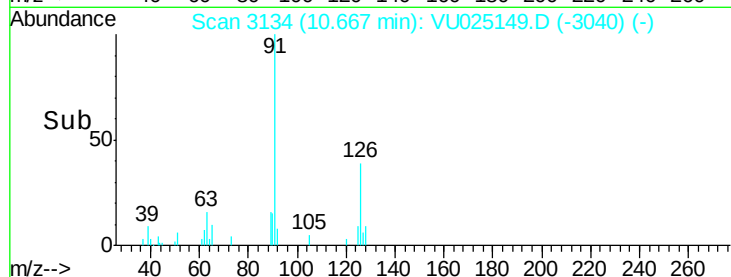
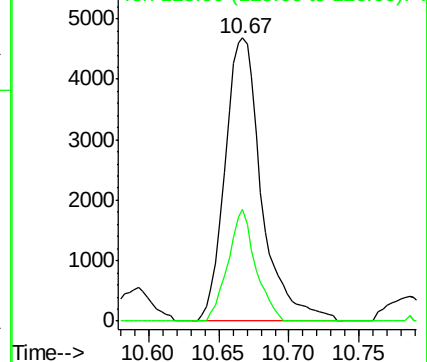
91 100

126 29.6 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.230 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025149.D

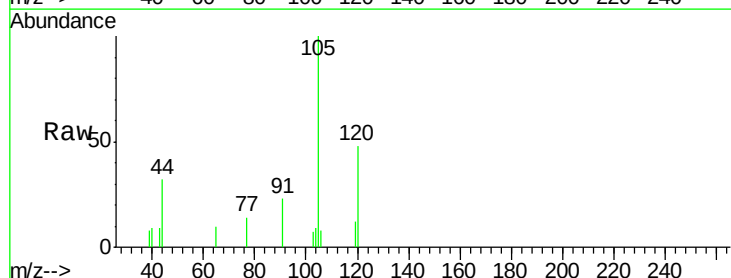
Acq: 02 Jul 2018 17:38

Tgt Ion: 105 Resp: 2250

Ion Ratio Lower Upper

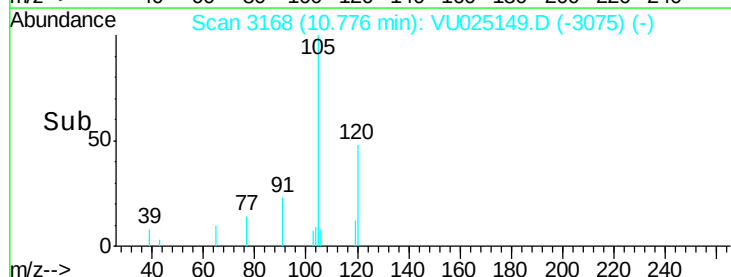
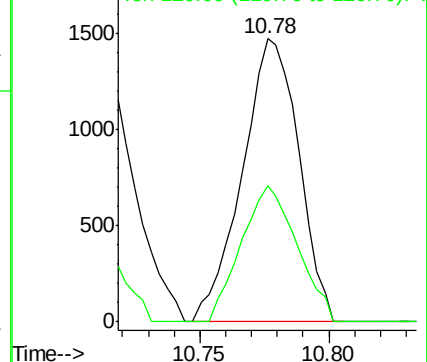
105 100

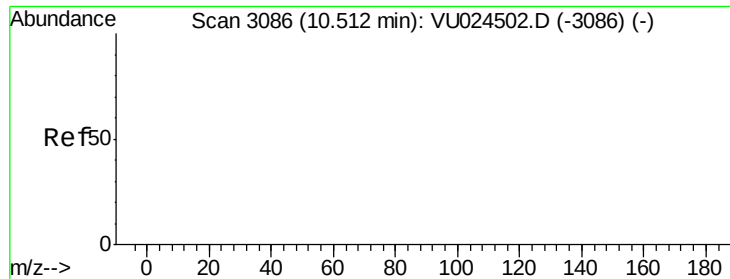
120 47.4 24.1 72.2



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: 61.421 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

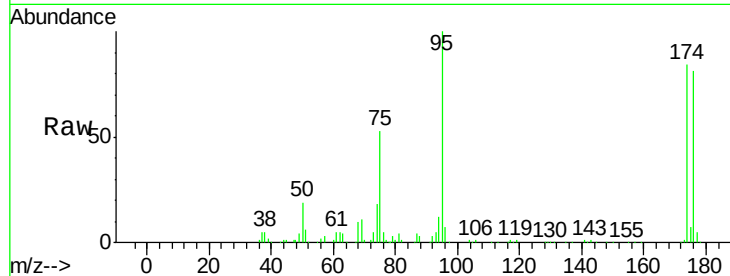
Tot Ion: 75 Resp: 85786

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

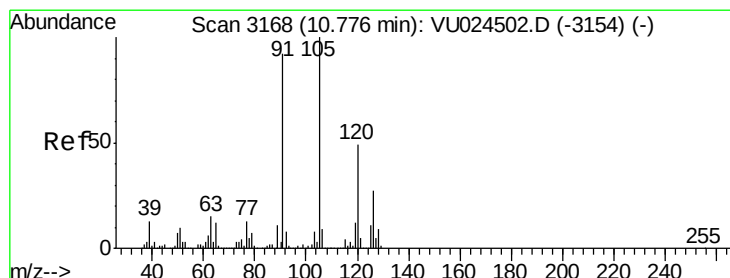
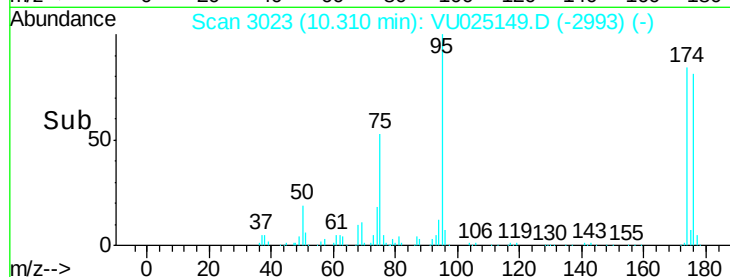
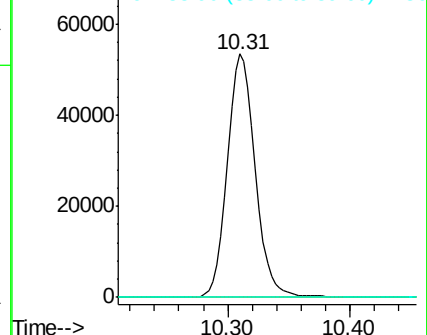
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024502.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024502.D (-3086) (-)



#82

4-Chlorotoluene

Concen: 0.931 ug/l

RT: 10.67 min Scan# 3134

Delta R.T. -0.11 min

Lab File: VU025149.D

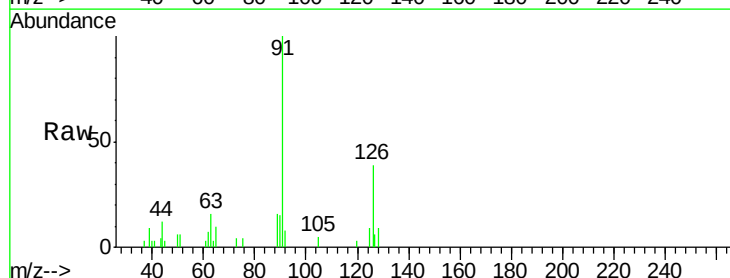
Acq: 02 Jul 2018 17:38

Tgt Ion: 91 Resp: 8486

Ion Ratio Lower Upper

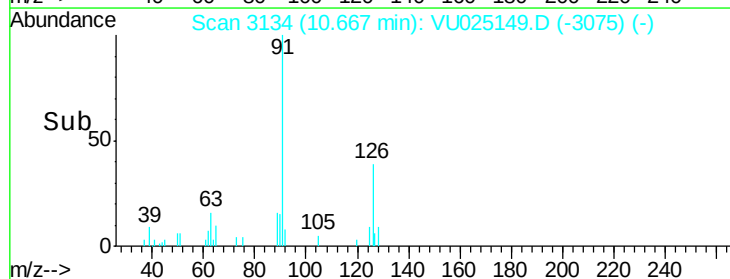
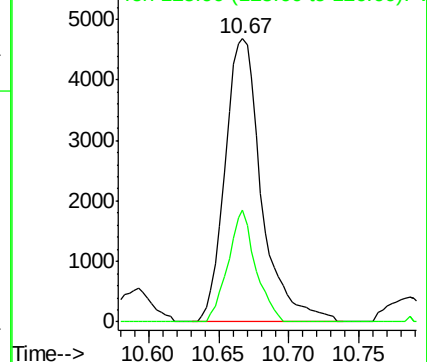
91 100

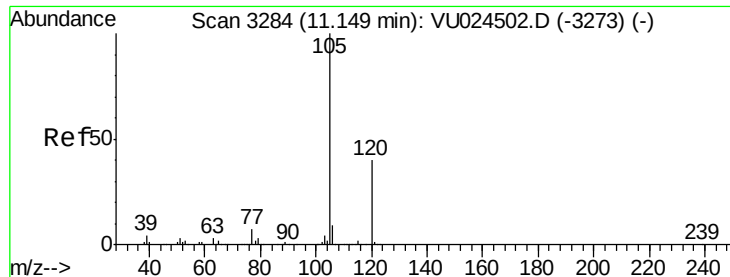
126 29.6 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3154) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3154) (-)

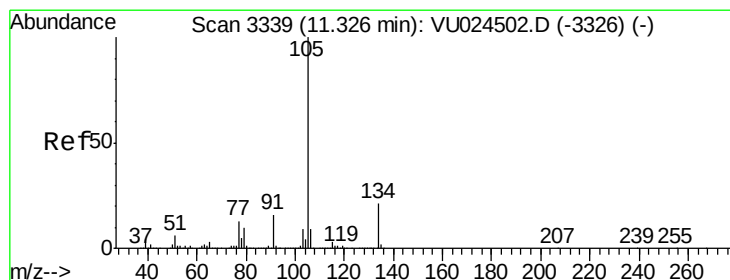
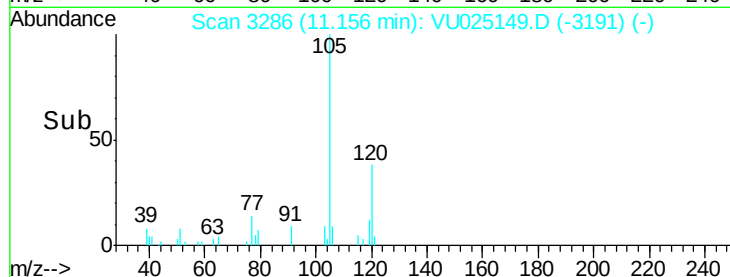
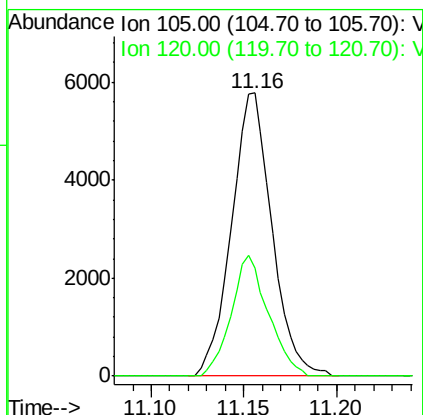
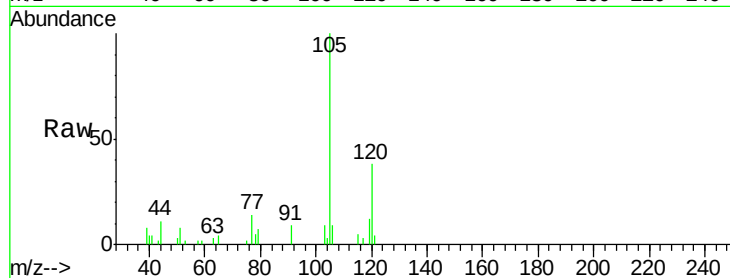




#84
 1,2,4-Trimethylbenzene
 Concen: 0.878 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025149.D
 Acq: 02 Jul 2018 17:38

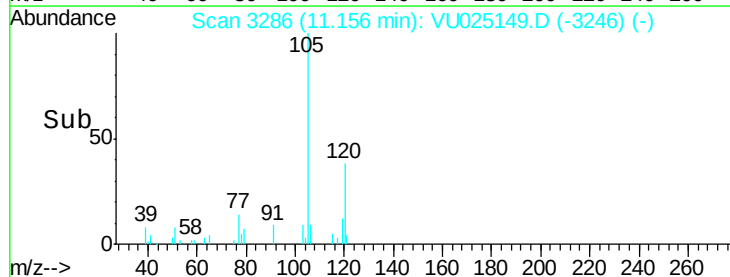
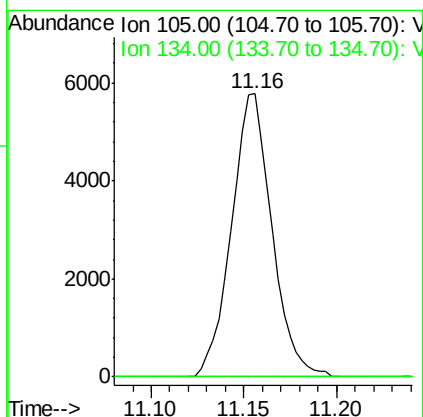
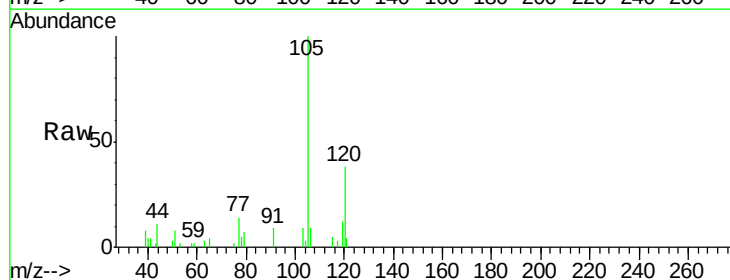
Instrument :
 MSVOA_U
 ClientSampleId :
 EO-03-062818-C

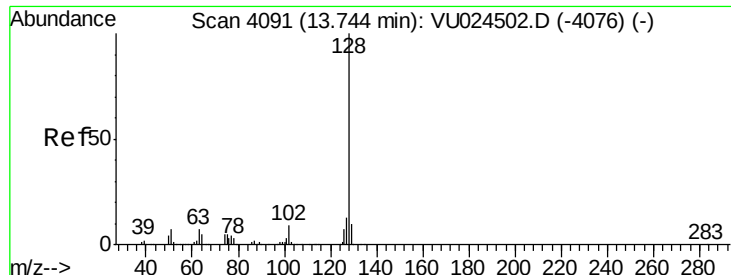
Tot Ion:105 Resp: 8743
 Ion Ratio Lower Upper
 105 100
 120 39.1 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.743 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. -0.17 min
 Lab File: VU025149.D
 Acq: 02 Jul 2018 17:38

Tgt Ion:105 Resp: 8743
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#





#95

Naphthalene

Concen: 9.453 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025149.D

Acq: 02 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

EO-03-062818-C

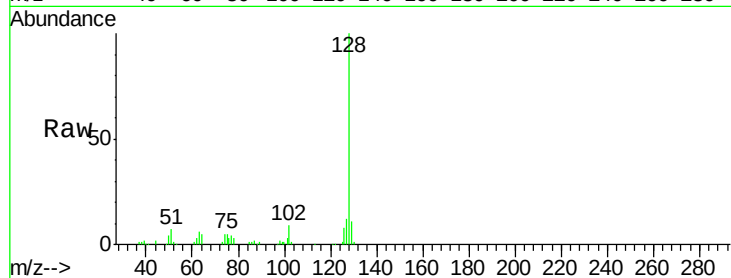
Tot Ion:128 Resp: 96027

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 11.1 8.6 12.8



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

