

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\
 Data File : VU025319.D
 Acq On : 11 Jul 2018 17:05
 Operator : MD/SY
 Sample : J3921-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS027-180709

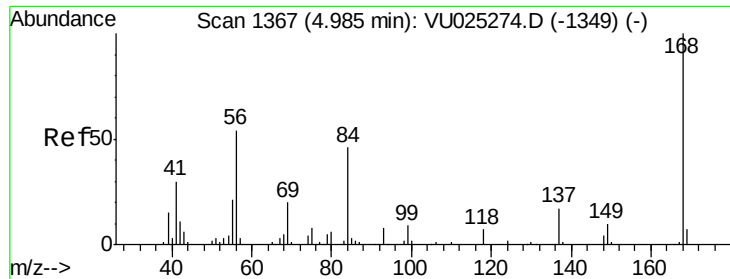
Quant Time: Jul 12 03:12:44 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146826	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	159512	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	4.89	113	122168	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
50) Toluene-d8	7.57	98	448668	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	10.31	95	163752	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	525	0.81	ug/l #	82
4) Vinyl Chloride	1.41	62	1143	0.48	ug/l #	82
5) Bromomethane	1.64	94	403	Below Cal		87
6) Chloroethane	1.69	64	55	0.33	ug/l #	43
8) Diethyl Ether	2.11	74	1270	0.91	ug/l	57
10) Methyl Iodide	2.42	142	100	7.74	ug/l #	39
11) Tert butyl alcohol	2.83	59	402	0.57	ug/l #	73
16) Acetone	2.32	43	33411	24.77	ug/l	100
17) Carbon Disulfide	2.47	76	350	1.99	ug/l #	74
18) Methyl Acetate	2.44	43	2792	0.85	ug/l #	52
20) Methylene Chloride	2.71	84	350	0.83	ug/l #	74
25) 2-Butanone	4.27	43	220160	98.45	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	112973	40.59	ug/l	91
29) Tetrahydrofuran	4.64	42	48891	36.45	ug/l	99
31) Cyclohexane	4.98	56	3971	1.70	ug/l #	22
36) 1,1-Dichloropropene	4.99	75	14502	4.22	ug/l #	50
37) Ethyl Acetate	4.27	43	220160	57.42	ug/l #	69
38) Carbon Tetrachloride	4.99	117	19681	5.32	ug/l #	16
41) Methacrylonitrile	4.64	41	28779	13.54	ug/l #	47
44) Trichloroethene	6.19	130	20685	7.27	ug/l	98
51) 4-Methyl-2-Pentanone	7.57	43	2093	0.52	ug/l #	1
60) Dibromochloromethane	8.23	129	30282	10.68	ug/l #	11
64) Tetrachloroethene	8.23	164	31155	11.88	ug/l	95
74) N-amyl acetate	10.23	43	1469	1.58	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	87797	29.34	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	87797	75.06	ug/l #	100
88) 1,4-Dichlorobenzene	11.51	146	110	1.51	ug/l #	25
95) Naphthalene	13.79	128	71	2.42	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025319.D

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MSVOA_U

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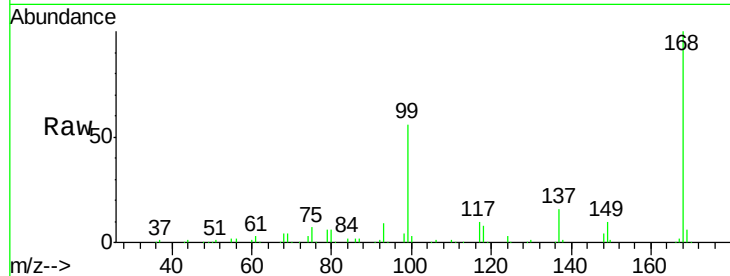
KY038PS027-180709

Tot Ion:168 Resp: 207661

Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

100000

80000

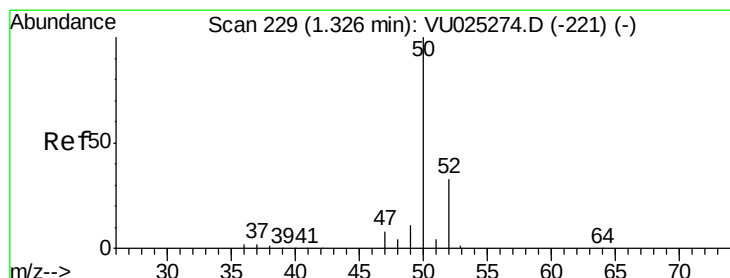
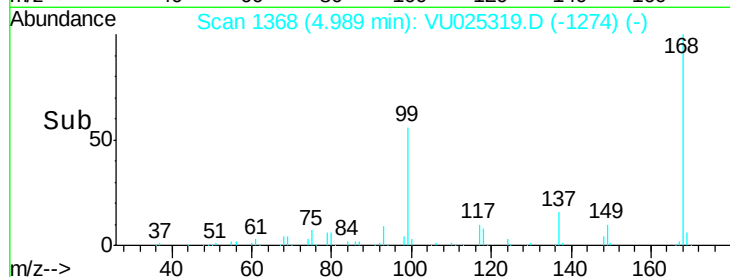
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.81 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.01 min

Lab File: VU025319.D

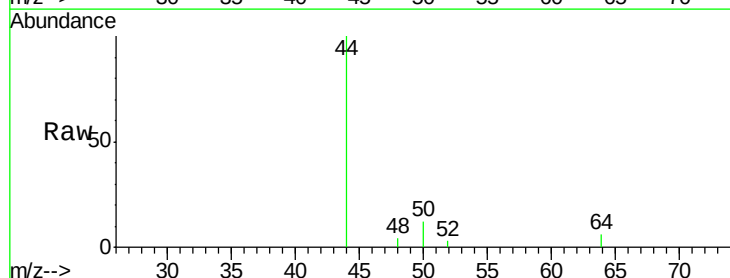
Acq: 11 Jul 2018 17:05

Tgt Ion: 50 Resp: 525

Ion Ratio Lower Upper

50 100

52 22.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025274.D (-221) (-)

1.33

500

400

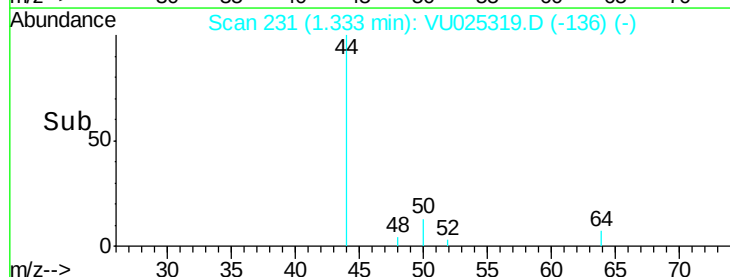
300

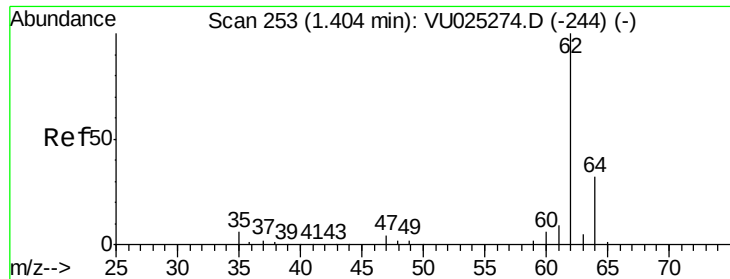
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 0.48 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

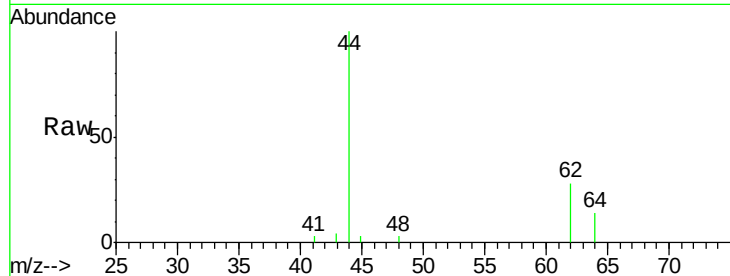
KY038PS027-180709

Tot Ion: 62 Resp: 1143

Ion Ratio Lower Upper

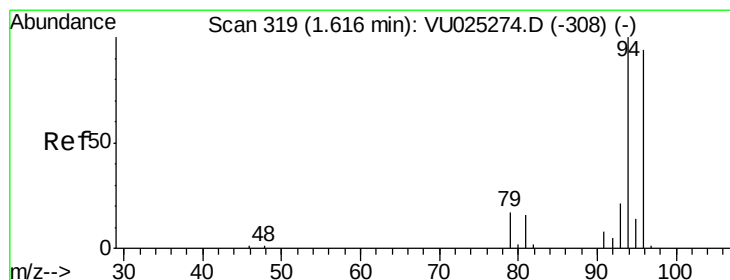
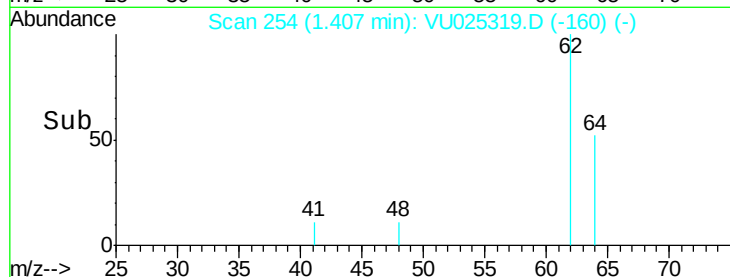
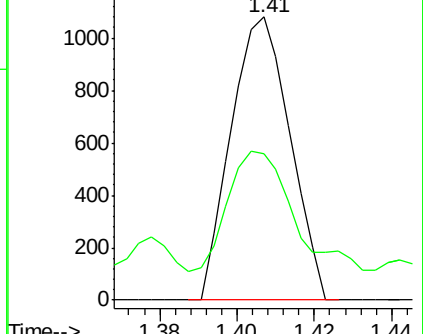
62 100

64 41.6 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 328

Delta R.T. 0.03 min

Lab File: VU025319.D

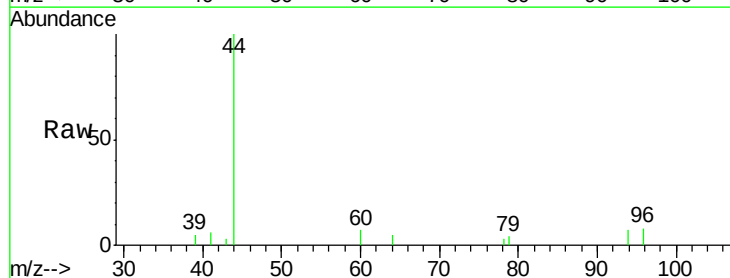
Acq: 11 Jul 2018 17:05

Tgt Ion: 94 Resp: 403

Ion Ratio Lower Upper

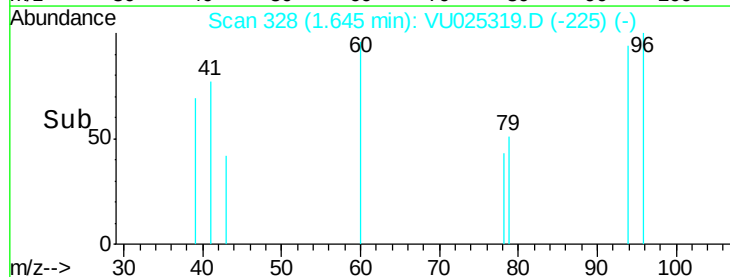
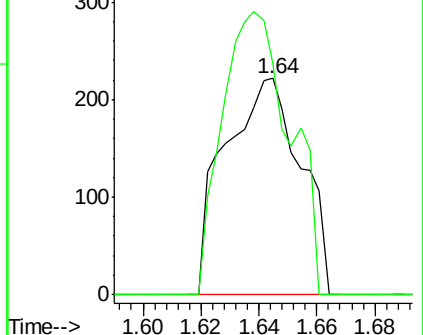
94 100

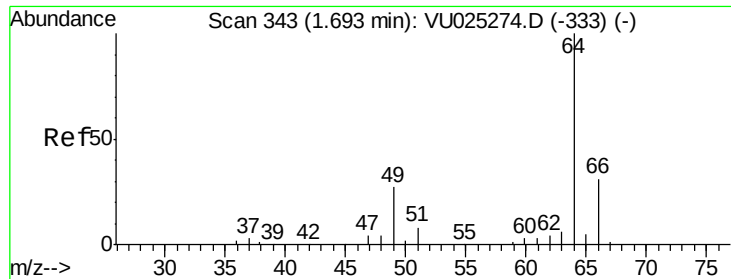
96 106.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: 0.33 ug/l

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

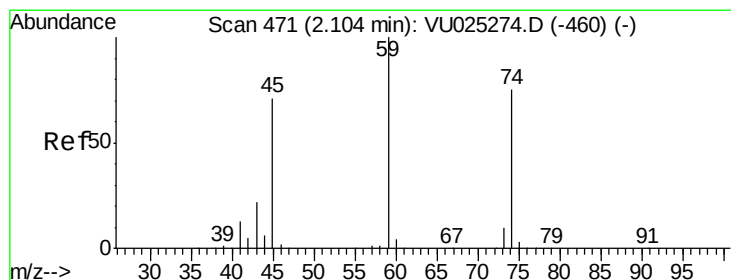
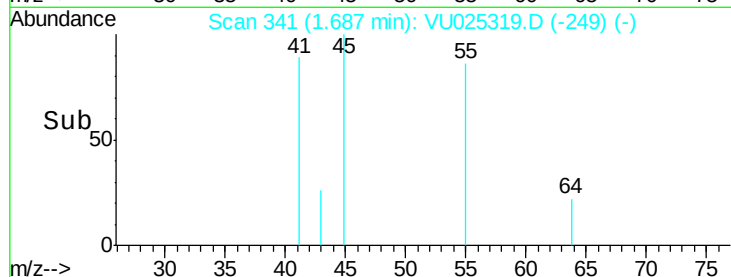
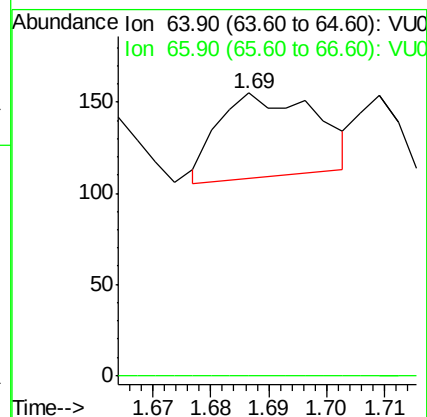
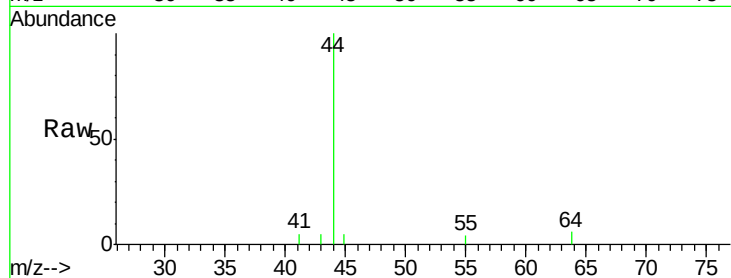
KY038PS027-180709

Tot Ion: 64 Resp: 55

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#



#8

Diethyl Ether

Concen: 0.91 ug/l

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU025319.D

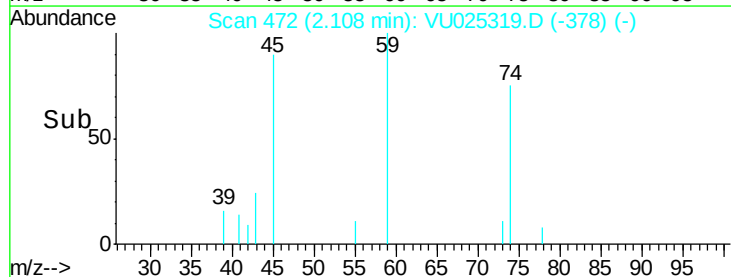
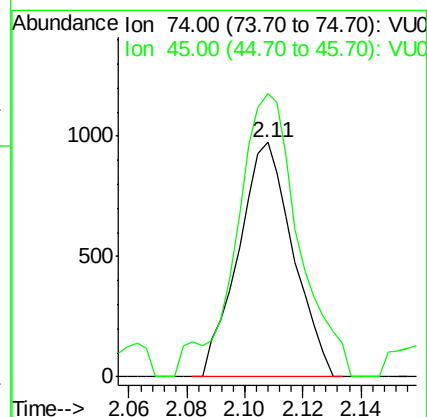
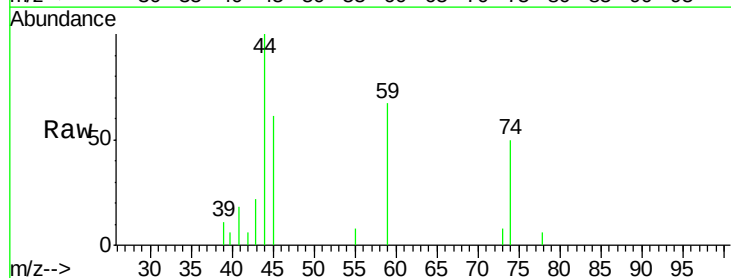
Acq: 11 Jul 2018 17:05

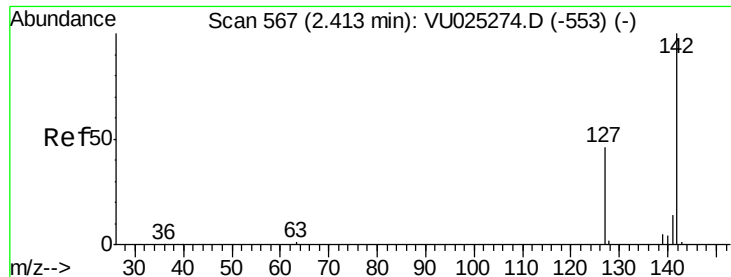
Tgt Ion: 74 Resp: 1270

Ion Ratio Lower Upper

74 100

45 139.0 48.3 144.9

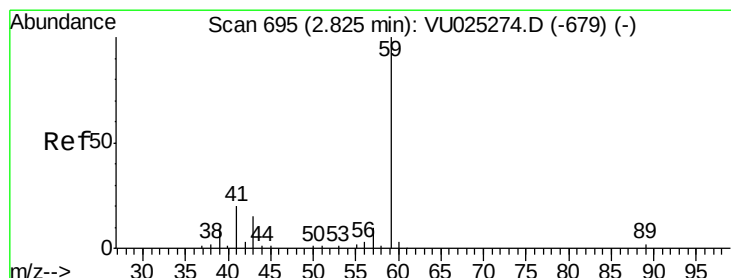
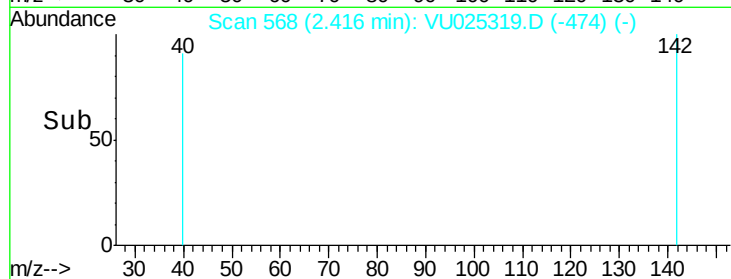
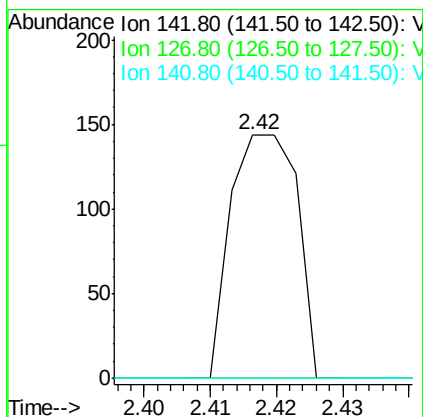
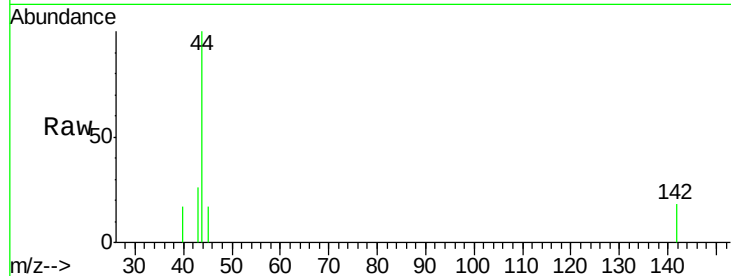




#10
Methvl Iodide
Concen: 7.74 ug/l
RT: 2.42 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

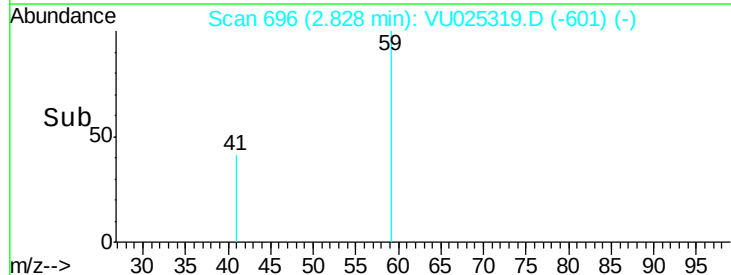
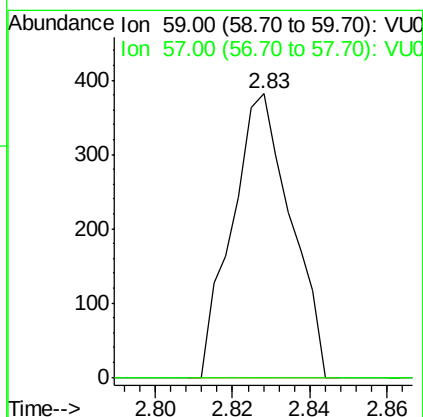
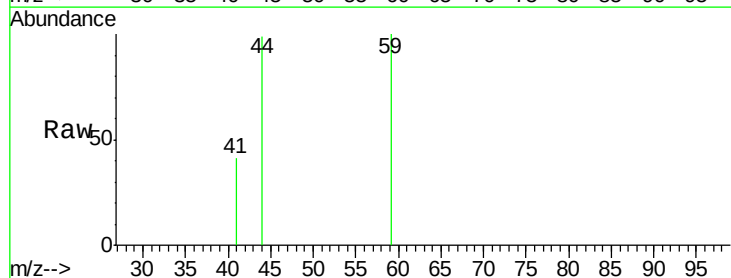
Instrument :
MSVOA_U
ClientSampleId :
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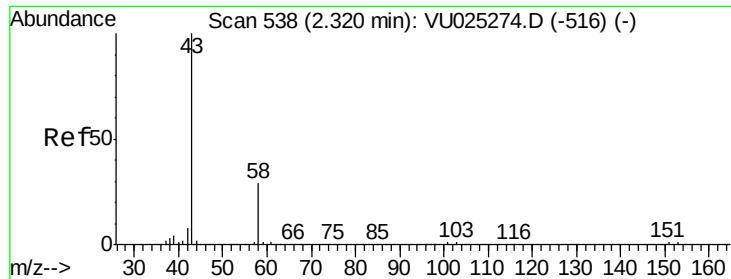
Tot Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 0.0 36.5 54.7#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 24.77 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

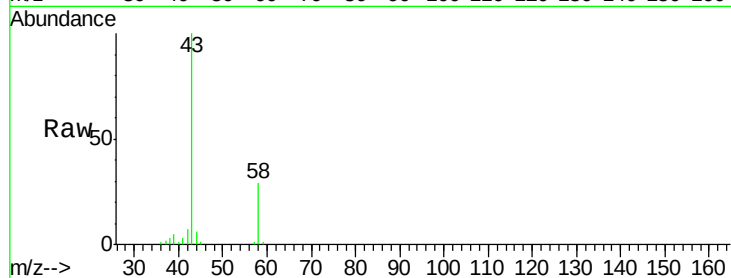
KY038PS027-180709

Tot Ion: 43 Resp: 33411

Ion Ratio Lower Upper

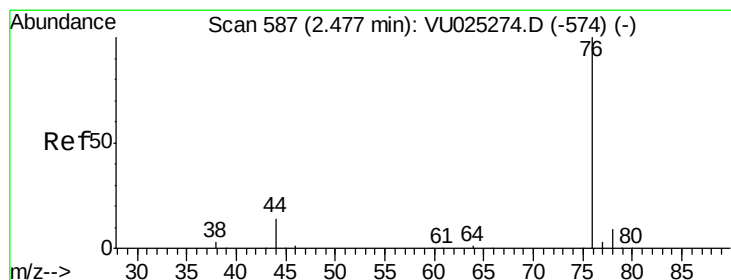
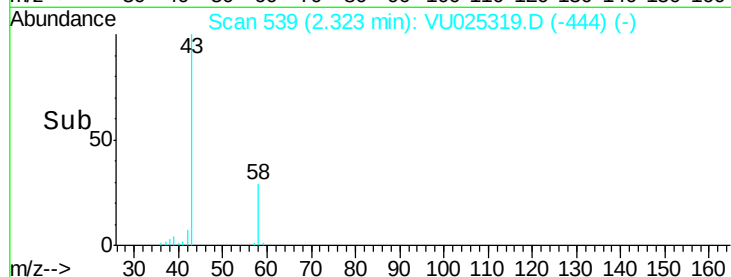
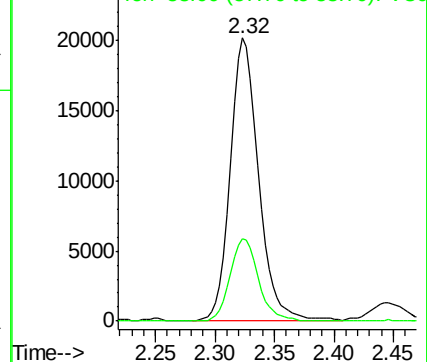
43 100

58 29.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 1.99 ug/l

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU025319.D

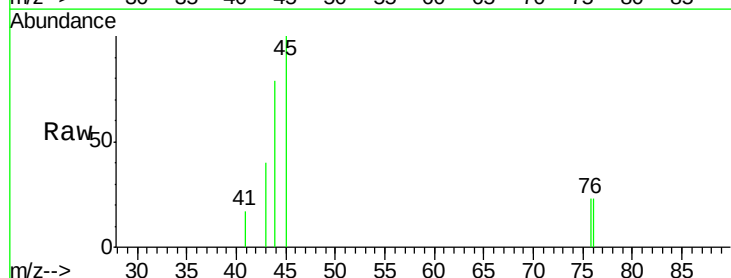
Acq: 11 Jul 2018 17:05

Tgt Ion: 76 Resp: 350

Ion Ratio Lower Upper

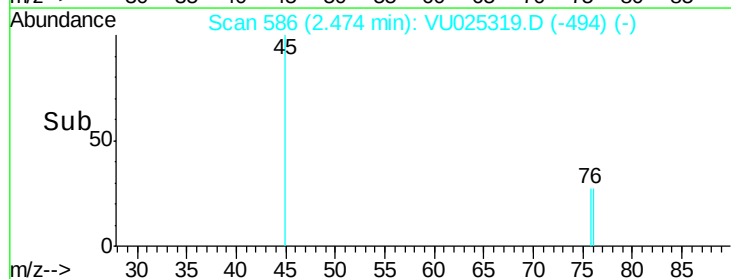
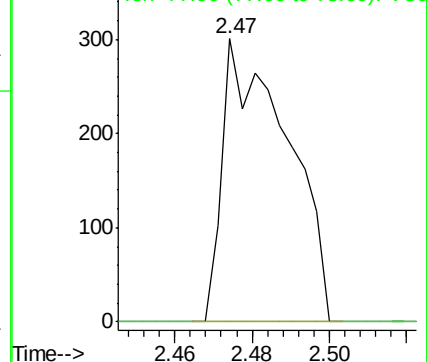
76 100

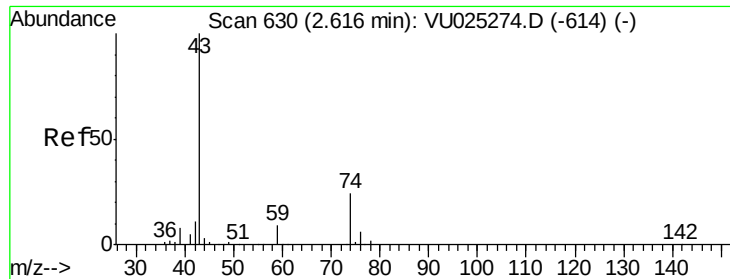
78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

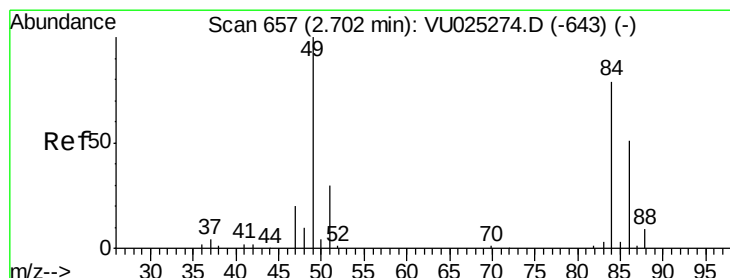
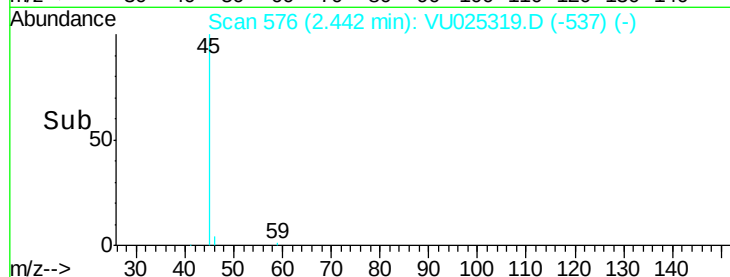
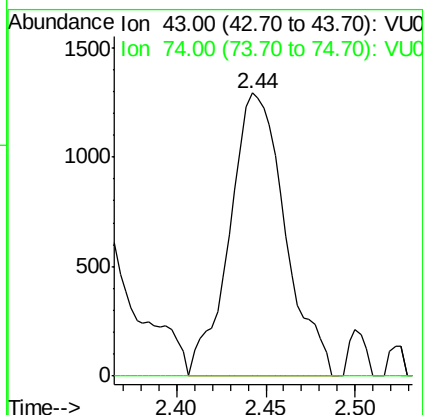
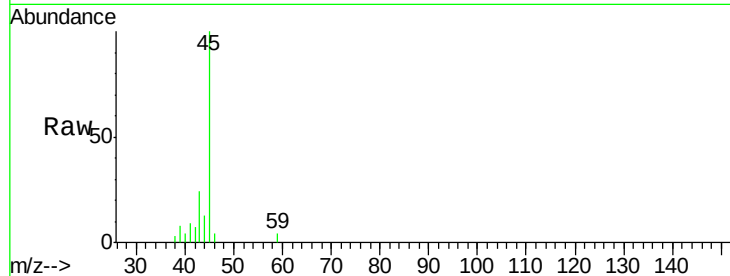




#18
Methvl Acetate
Concen: 0.85 ug/l
RT: 2.44 min Scan# 576
Delta R.T. -0.17 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

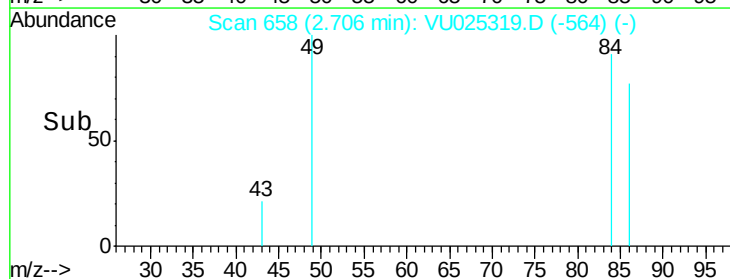
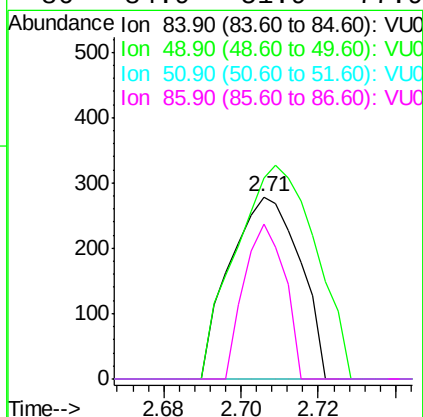
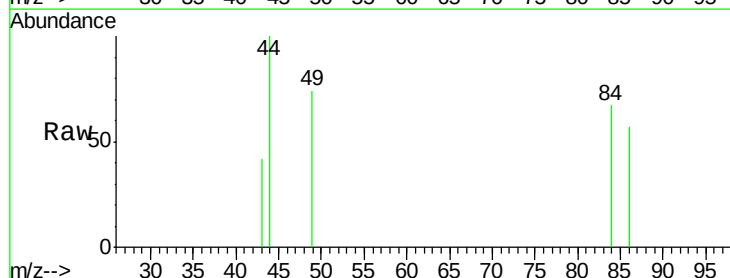
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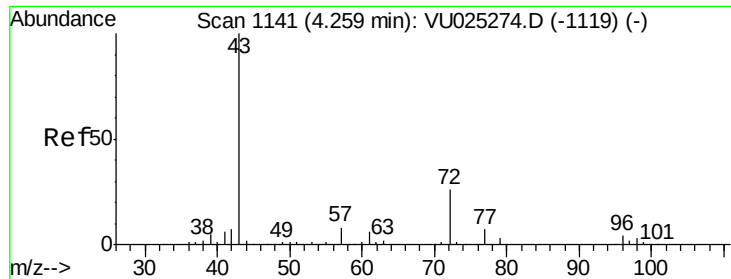
Tot Ion: 43 Resp: 2792
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
49 110.4 101.8 152.6
51 0.0 30.8 46.2#
86 84.9 51.9 77.9#





#25

2-Butanone

Concen: 98.45 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

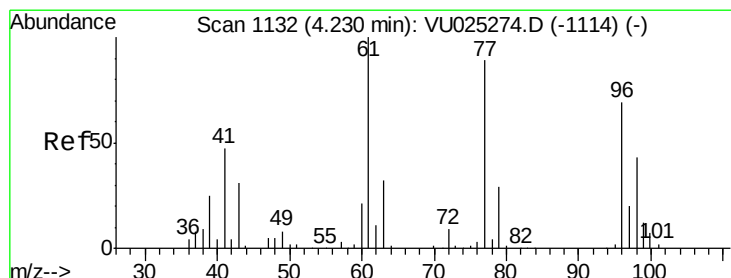
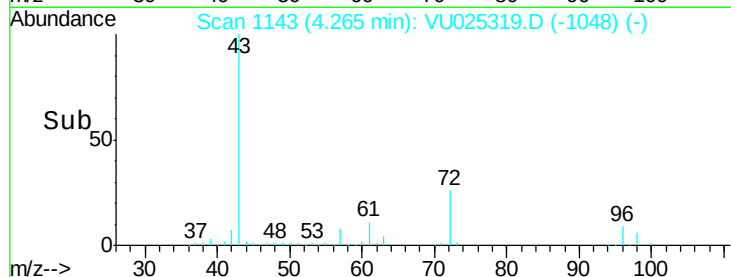
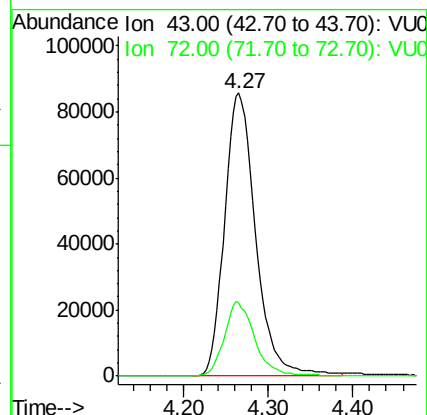
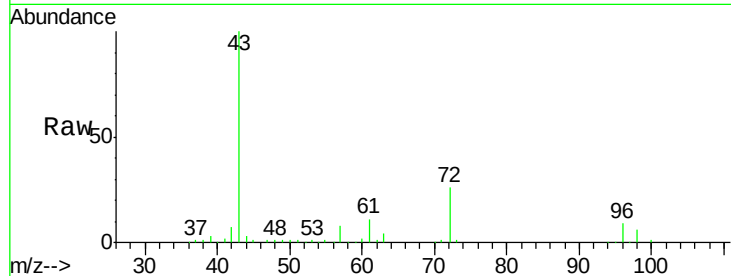
KY038PS027-180709

Tot Ion: 43 Resp: 220160

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



#27

cis-1,2-Dichloroethene

Concen: 40.59 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

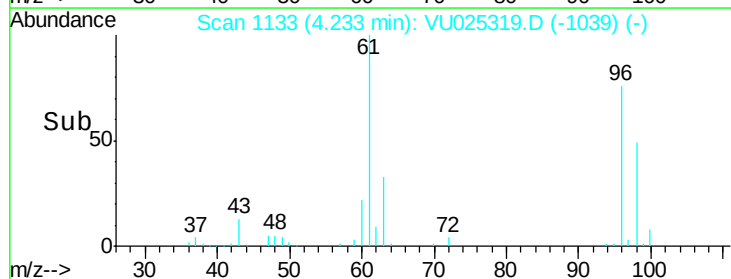
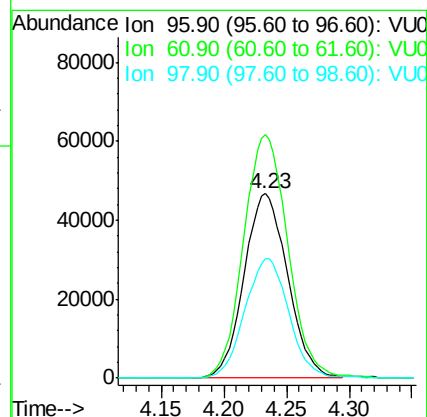
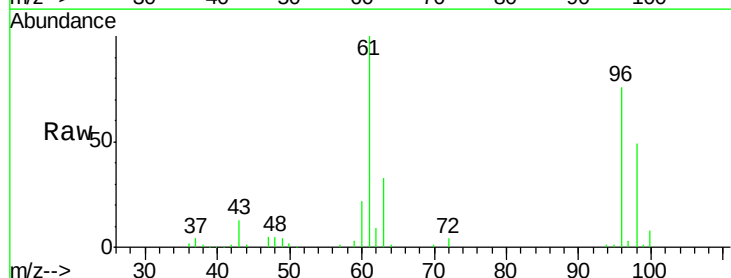
Tgt Ion: 96 Resp: 112973

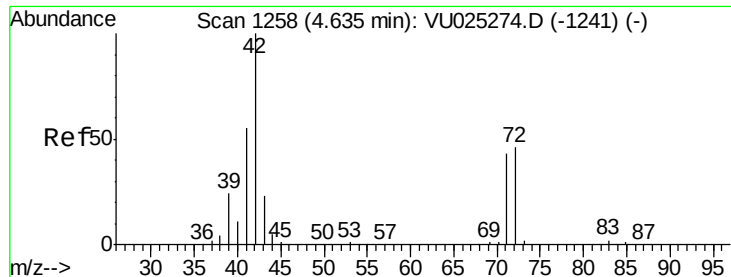
Ion Ratio Lower Upper

96 100

61 134.2 0.0 299.8

98 65.3 0.0 128.6





#29

Tetrahydrofuran

Concen: 36.45 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

KY038PS027-180709

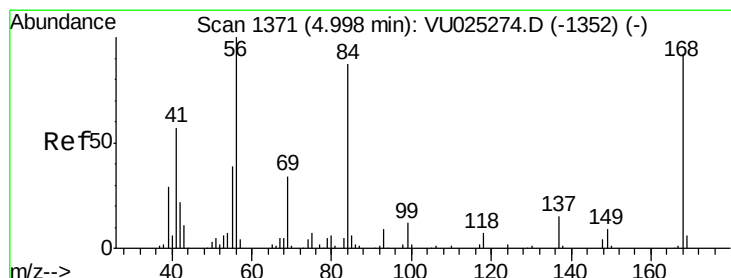
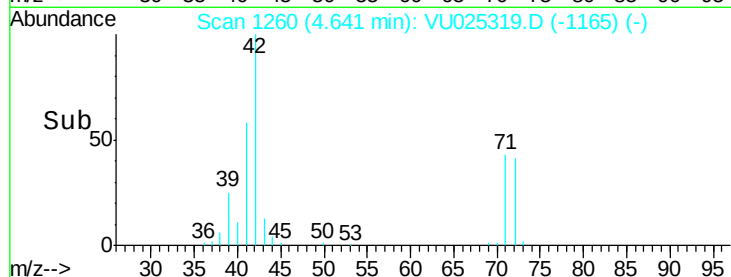
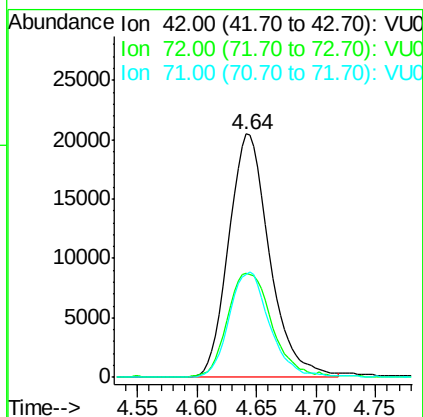
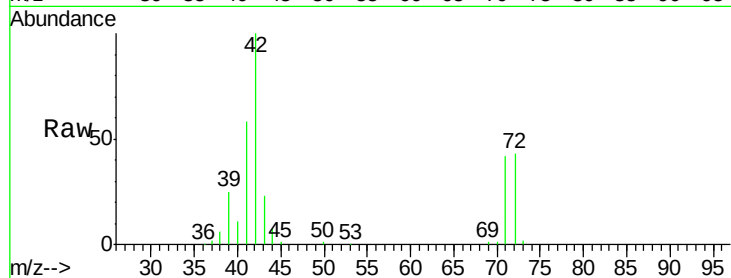
Tot Ion: 42 Resp: 48891

Ion Ratio Lower Upper

42 100

72 46.6 36.7 55.1

71 42.8 33.9 50.9



#31

Cyclohexane

Concen: 1.70 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

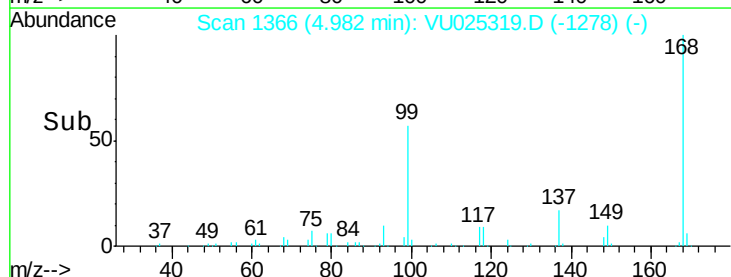
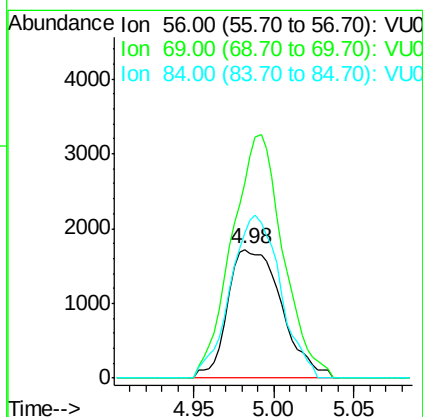
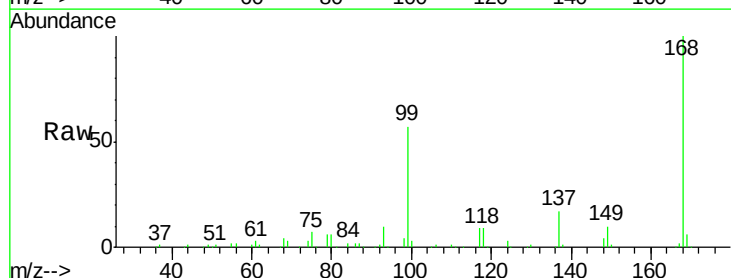
Tgt Ion: 56 Resp: 3971

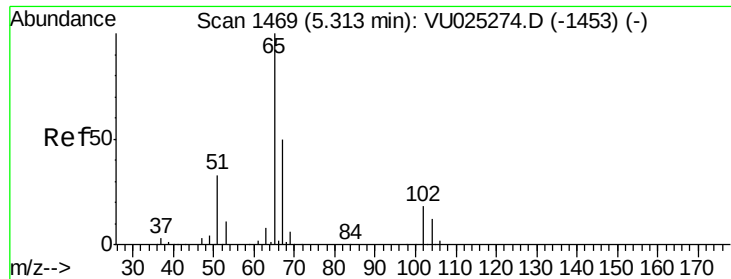
Ion Ratio Lower Upper

56 100

69 152.3 26.8 40.2#

84 112.5 69.7 104.5#

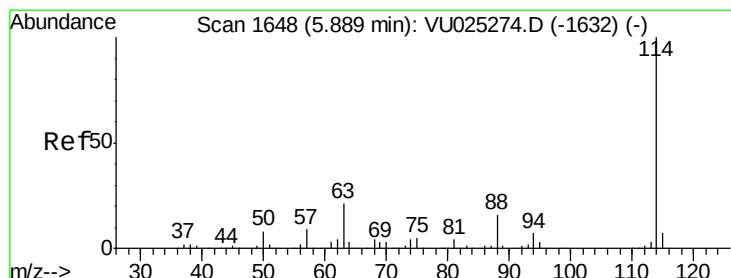
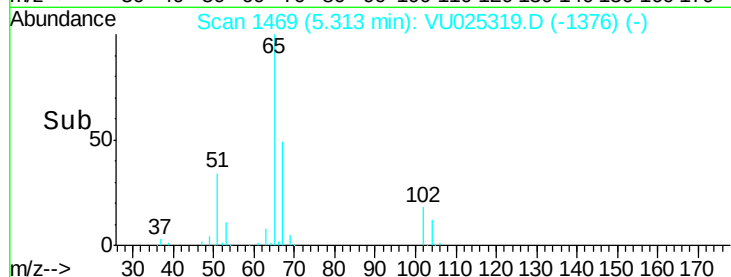
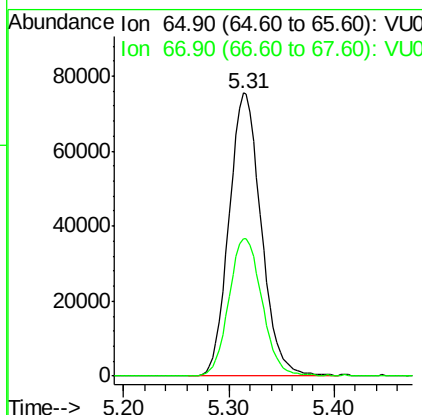
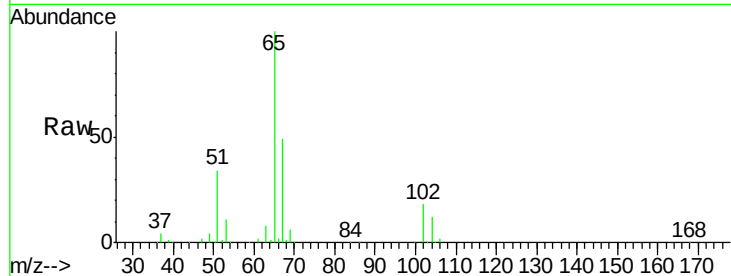




#33
 1,2-Dichloroethane-d4
 Concen: 49.44 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025319.D
 Acq: 11 Jul 2018 17:05

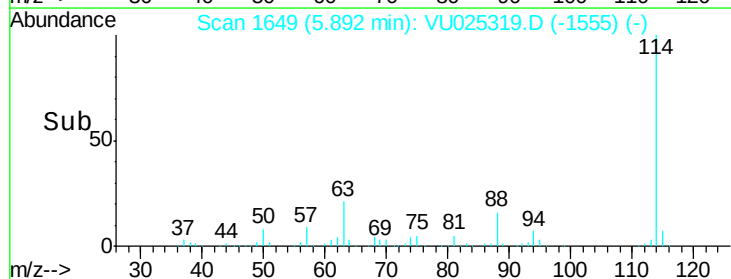
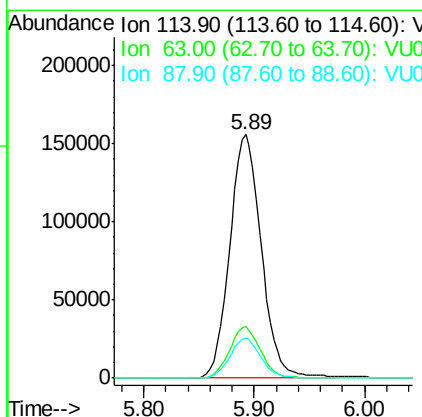
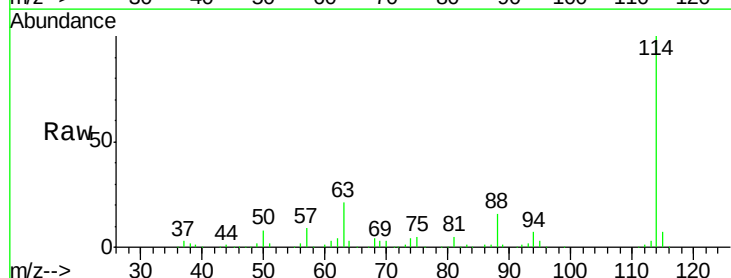
Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS027-180709

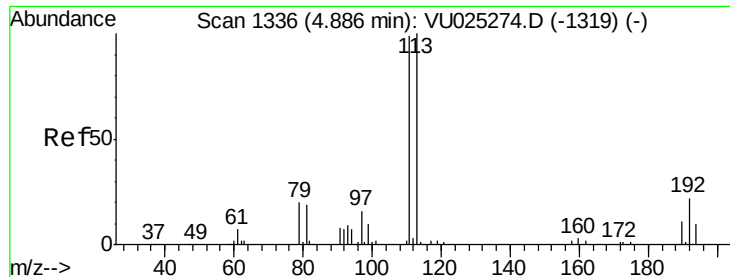
Tot Ion: 65 Resp: 159512
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025319.D
 Acq: 11 Jul 2018 17:05

Tgt Ion: 114 Resp: 309249
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 16.4 0.0 32.4

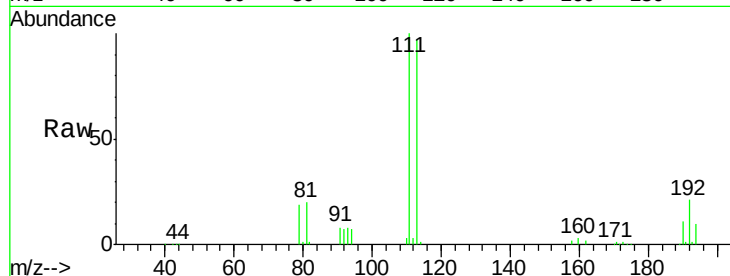




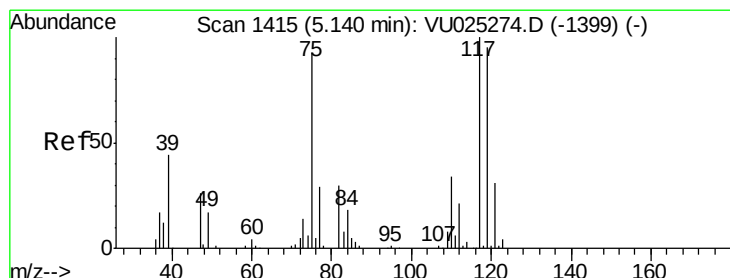
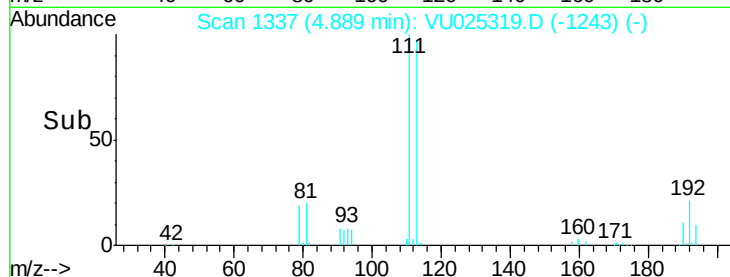
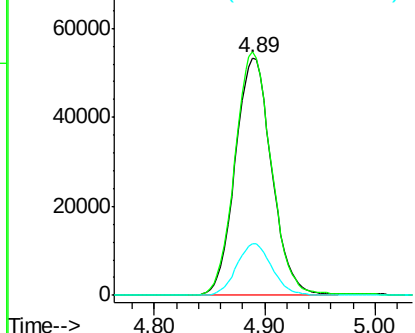
#35
 Dibromofluoromethane
 Concen: 46.83 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025319.D
 Acq: 11 Jul 2018 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS027-180709

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	21.2	17.1	25.7

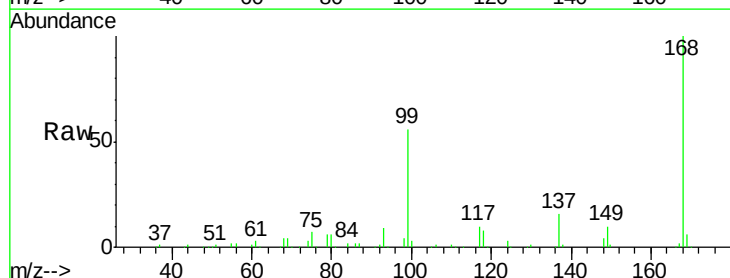


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

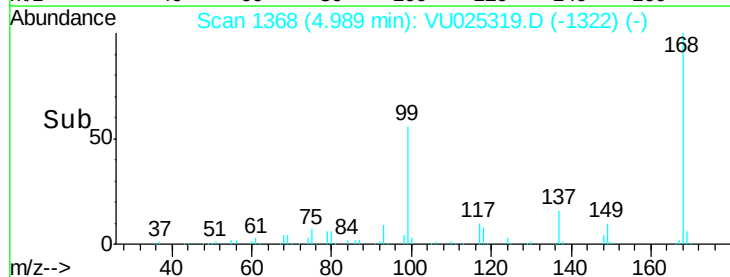
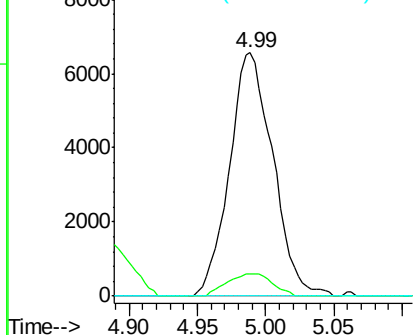


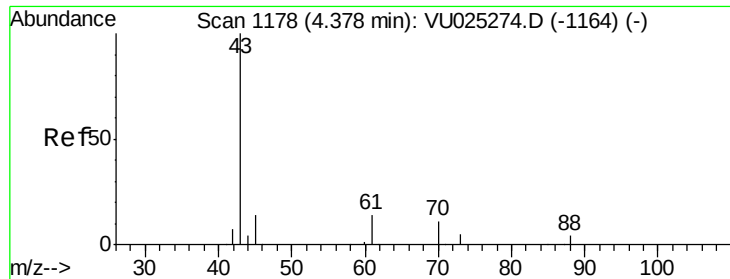
#36
 1,1-Dichloropropene
 Concen: 4.22 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025319.D
 Acq: 11 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.6	52.9#
77	0.0	24.4	36.6#



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

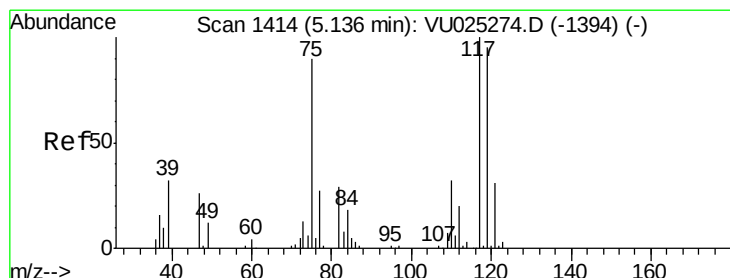
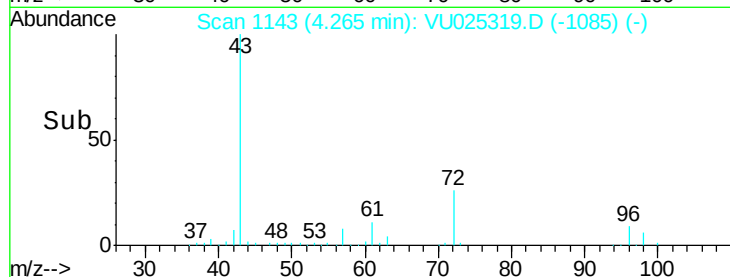
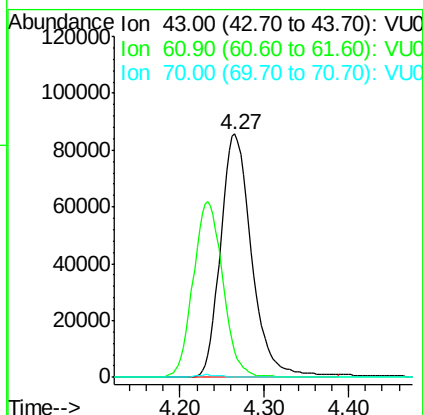
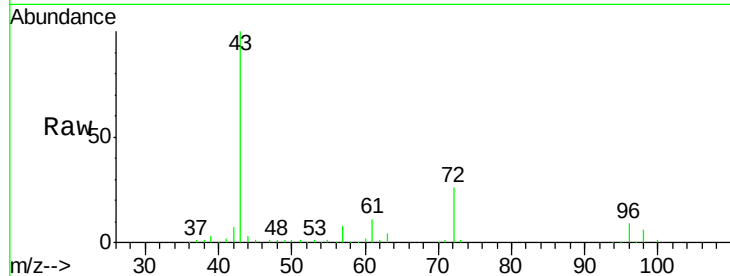




#37
Ethyl Acetate
Concen: 57.42 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. -0.11 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

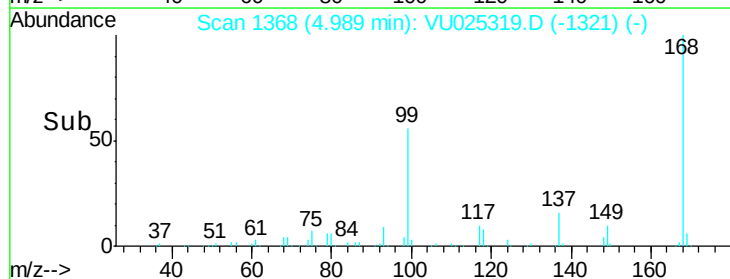
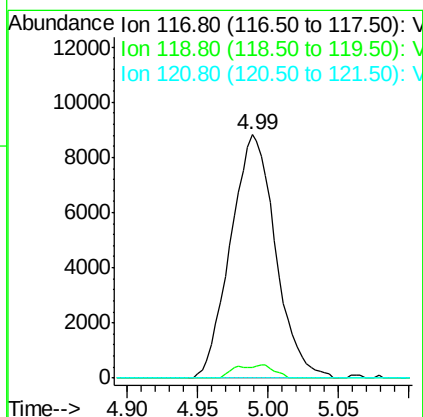
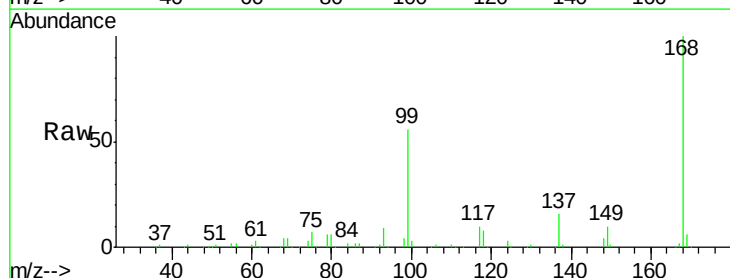
Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

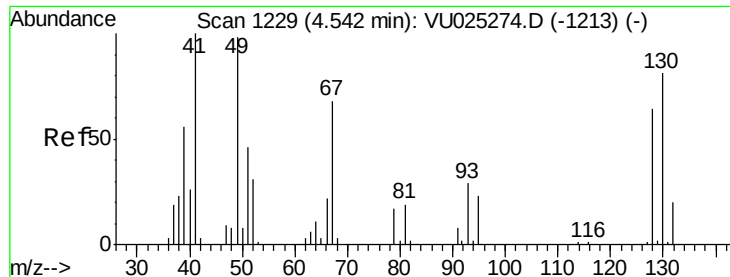
Tot Ion: 43 Resp: 220160
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 117 Resp: 19681
Ion Ratio Lower Upper
117 100
119 4.5 75.7 113.5#
121 0.0 24.6 36.8#

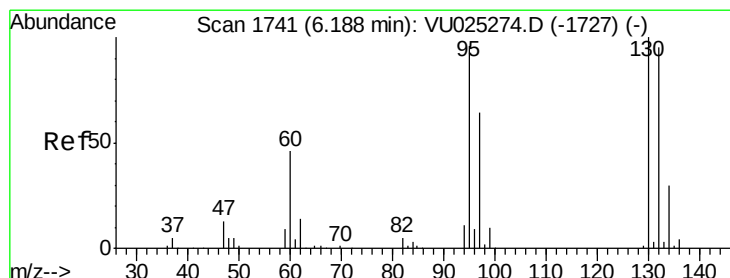
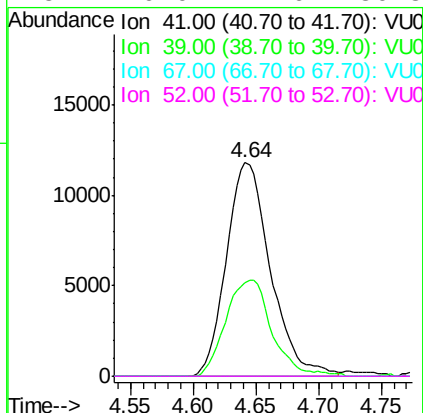
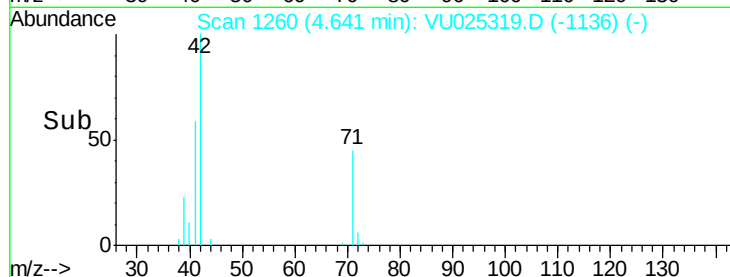
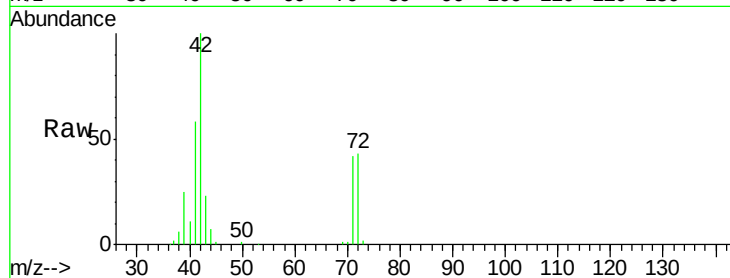




#41
Methacrylonitrile
Concen: 13.54 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.10 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

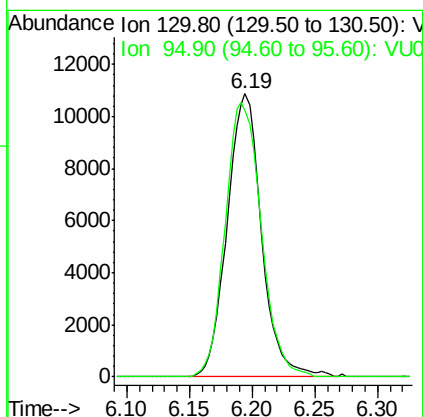
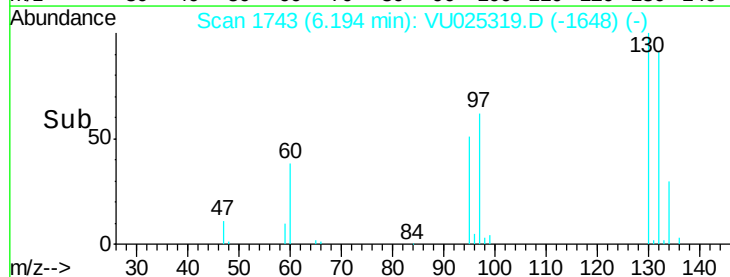
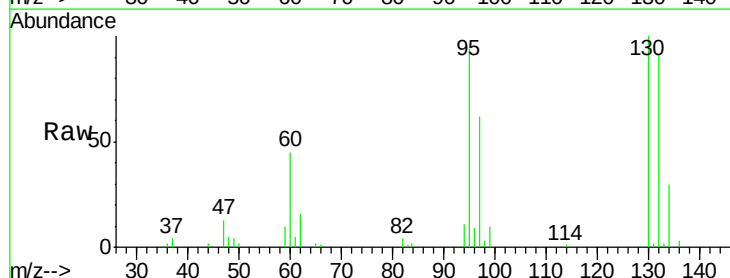
Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

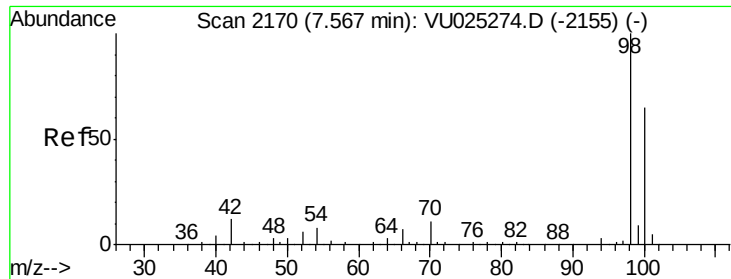
Tot Ion: 41 Resp: 28779
Ion Ratio Lower Upper
41 100
39 47.2 44.4 66.6
67 0.0 56.0 84.0#
52 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 7.27 ug/l
RT: 6.19 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 130 Resp: 20685
Ion Ratio Lower Upper
130 100
95 94.4 0.0 192.2

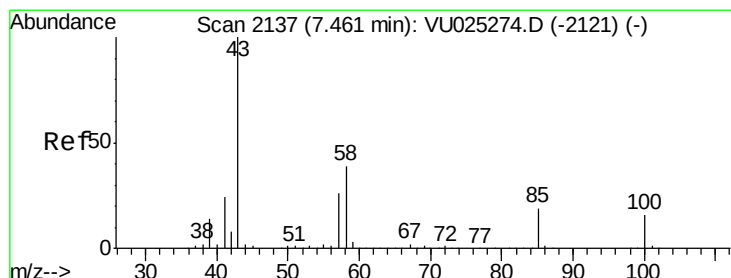
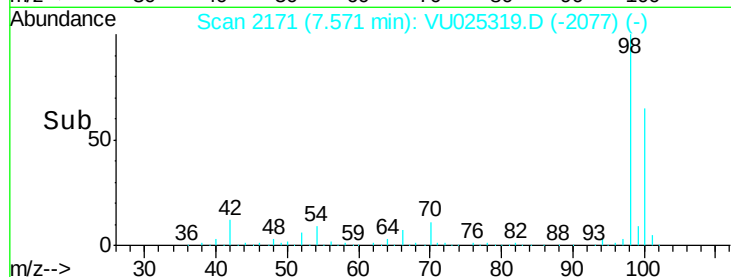
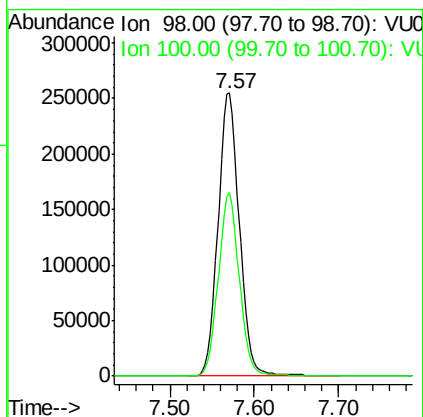
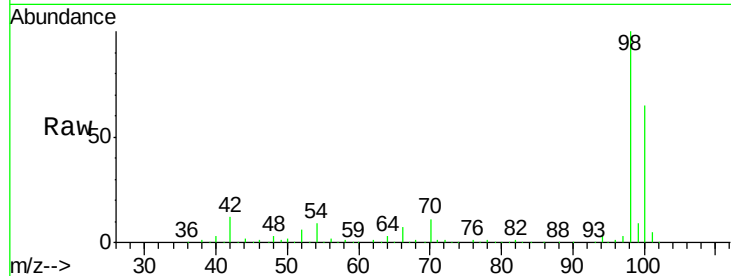




#50
Toluene-d8
Concen: 50.22 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

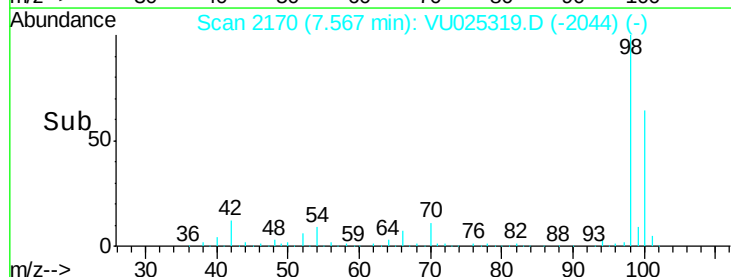
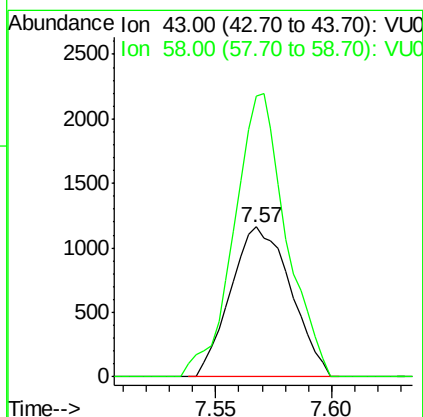
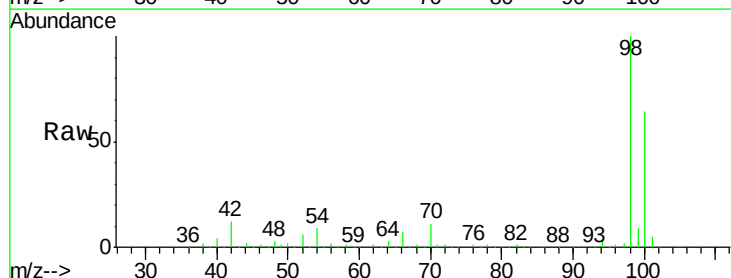
Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

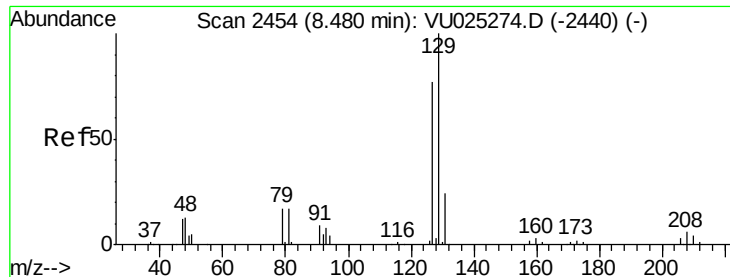
Tot Ion: 98 Resp: 448668
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.11 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 163.4 31.0 46.4#





#60

Dibromochloromethane

Concen: 10.68 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

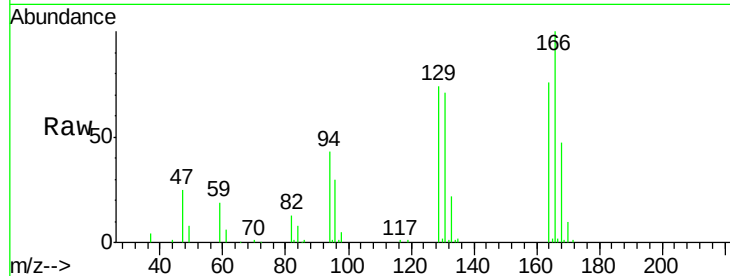
KY038PS027-180709

Tot Ion:129 Resp: 30282

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.23

20000

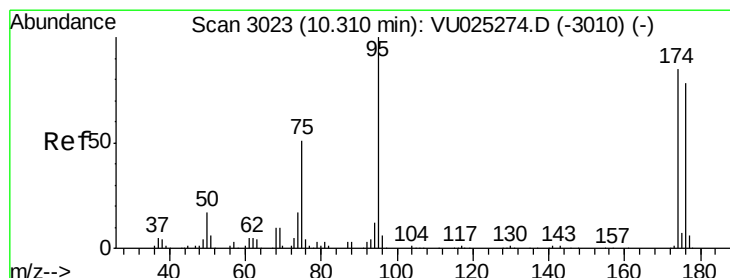
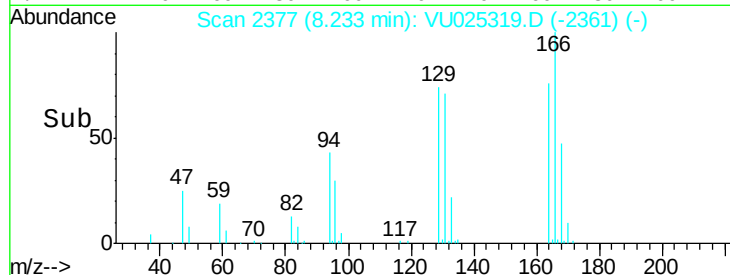
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30



#62

4-Bromofluorobenzene

Concen: 45.53 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

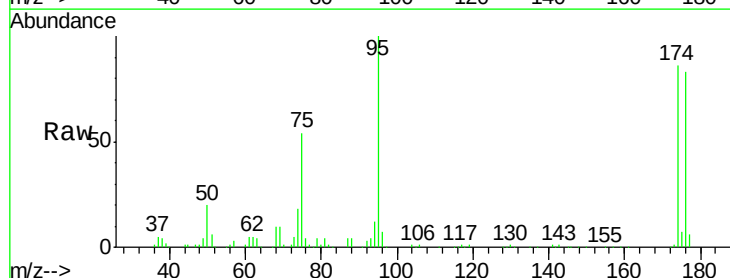
Tgt Ion: 95 Resp: 163752

Ion Ratio Lower Upper

95 100

174 86.3 0.0 172.2

176 83.8 0.0 162.6



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

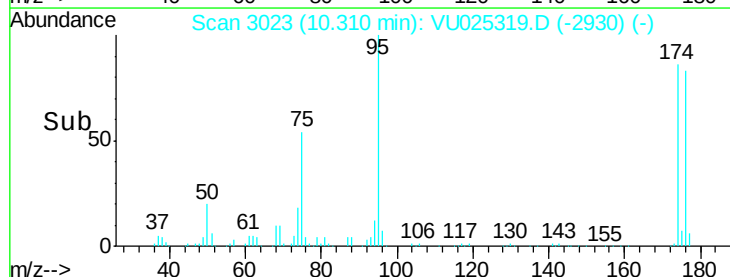
10.31

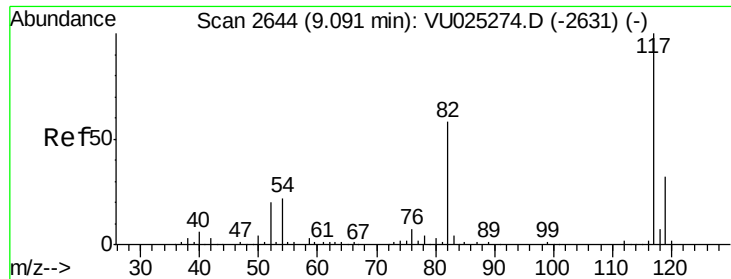
100000

50000

0

Time--> 10.20 10.30 10.40

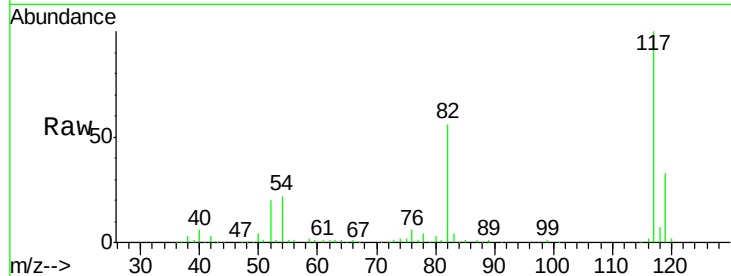




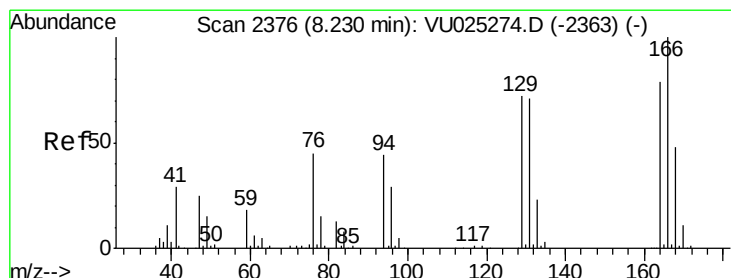
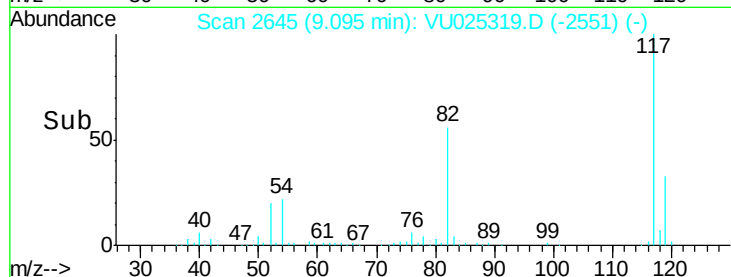
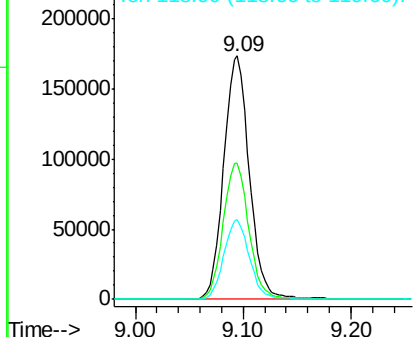
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

Tot Ion:117 Resp: 287602
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.6 26.0 39.0

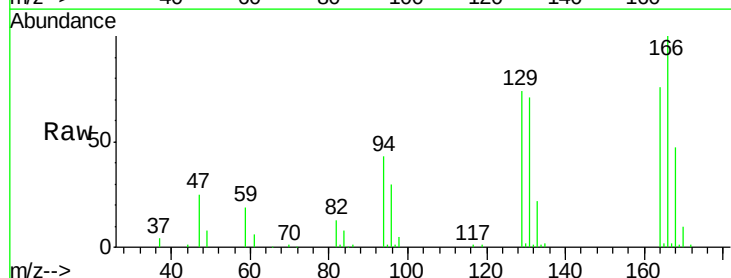


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

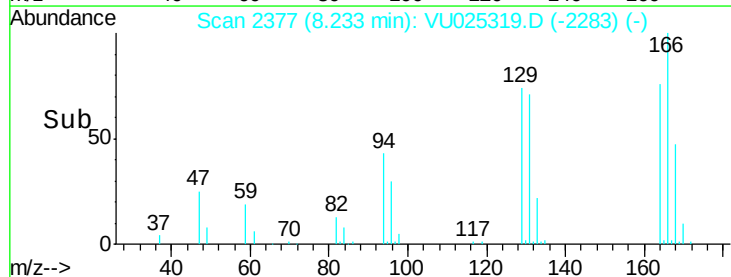
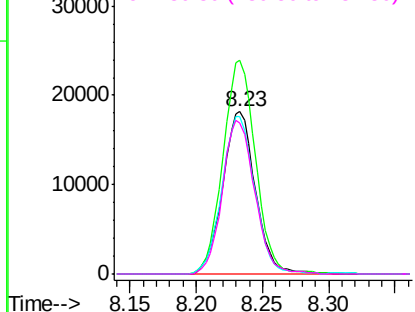


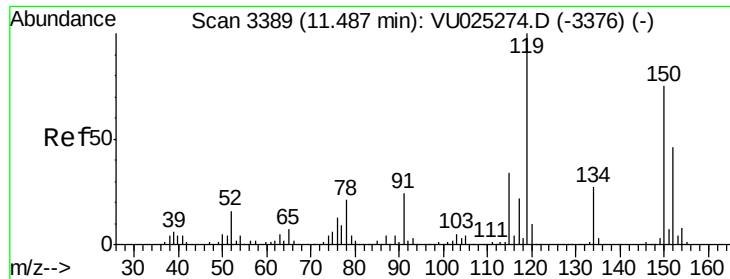
#64
Tetrachloroethene
Concen: 11.88 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion:164 Resp: 31155
Ion Ratio Lower Upper
164 100
166 131.4 101.1 151.7
129 97.0 73.0 109.6
131 93.4 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

KY038PS027-180709

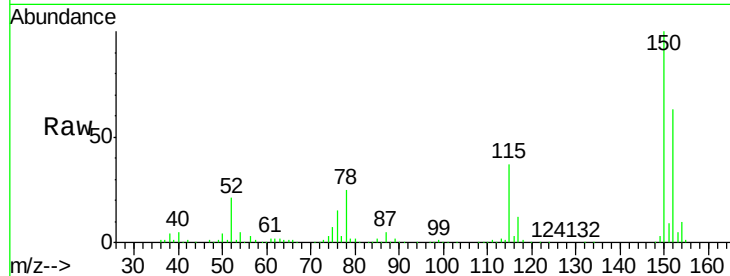
Tot Ion:152 Resp: 146826

Ion Ratio Lower Upper

152 100

115 58.6 40.1 120.3

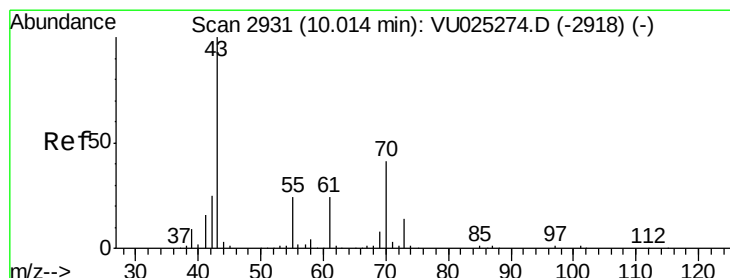
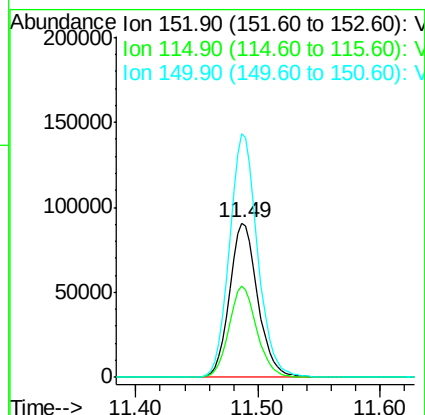
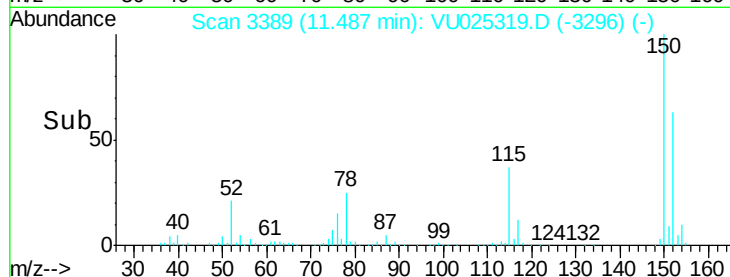
150 157.1 0.0 351.4



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



#74

N-ethyl acetate

Concen: 1.58 ug/l

RT: 10.23 min Scan# 2999

Delta R.T. 0.22 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Tgt Ion: 43 Resp: 1469

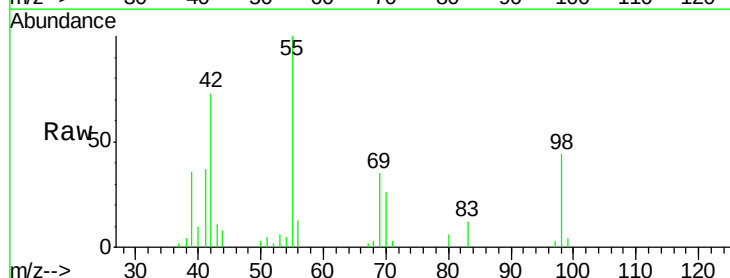
Ion Ratio Lower Upper

43 100

70 206.5 33.4 50.2#

55 846.0 19.0 28.6#

61 0.0 19.3 28.9#

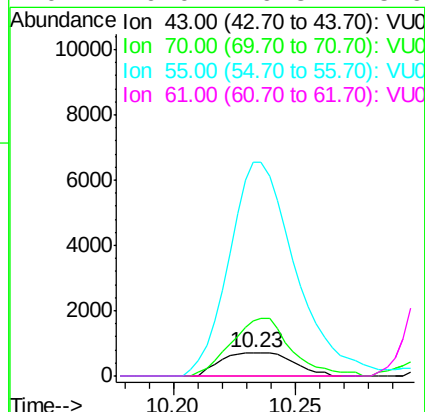
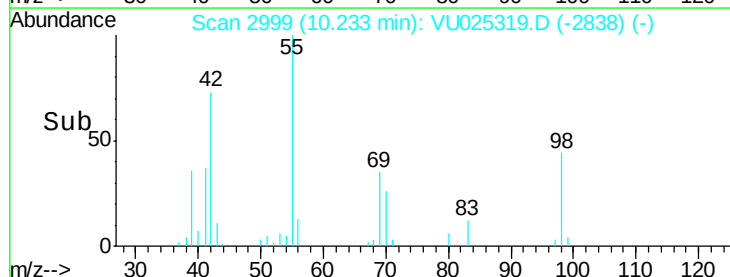


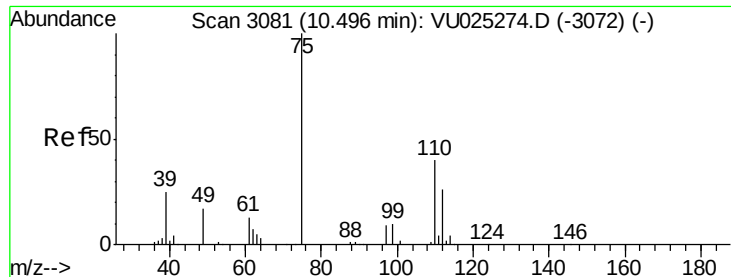
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 29.34 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.18 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

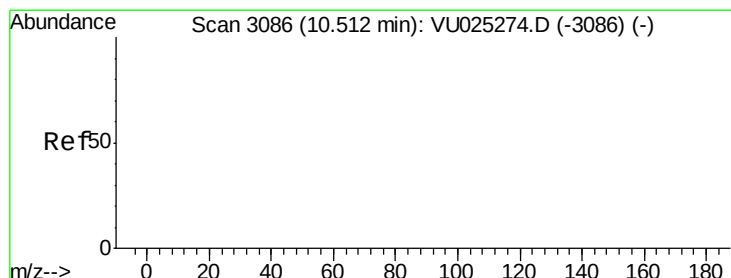
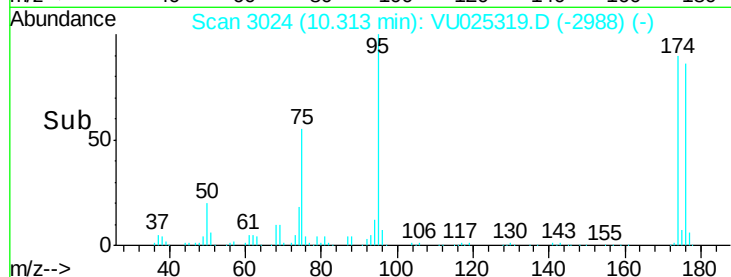
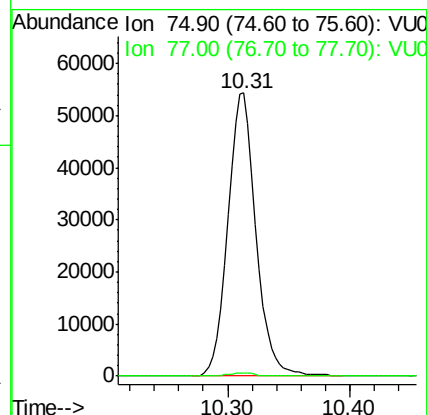
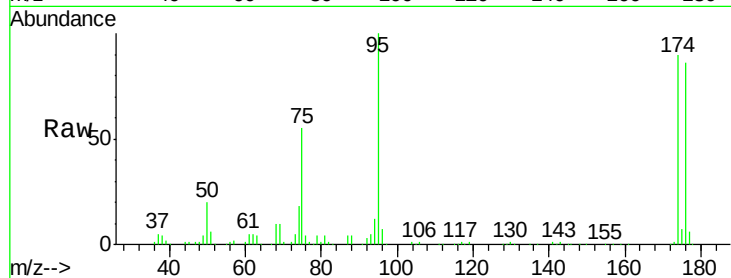
KY038PS027-180709

Tot Ion: 75 Resp: 87797

Ion Ratio Lower Upper

75 100

77 1.0 20.4 61.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.06 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.20 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

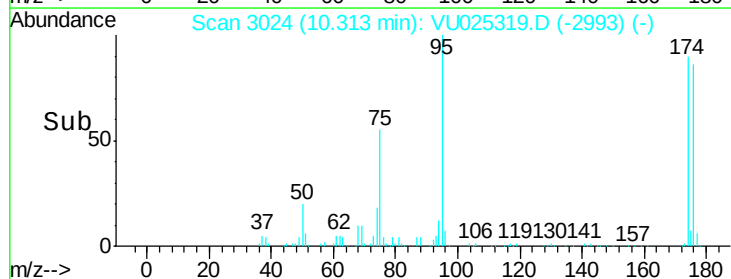
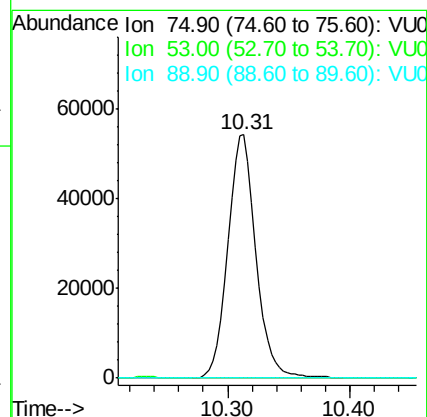
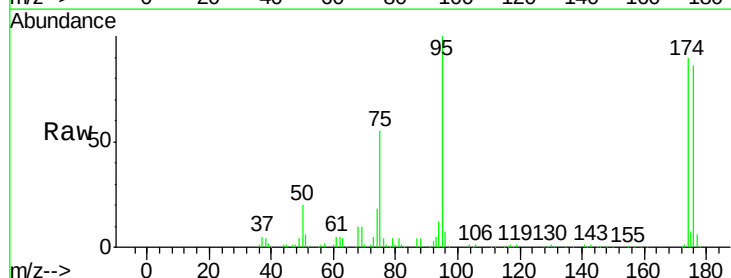
Tgt Ion: 75 Resp: 87797

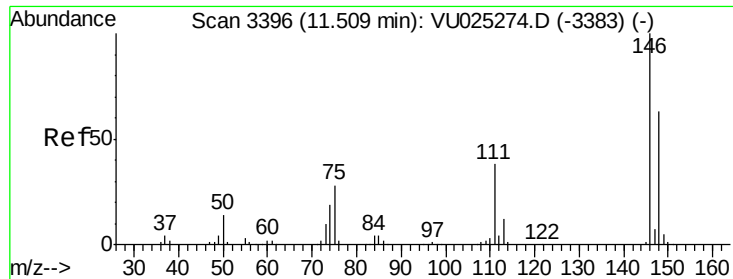
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#88

1,4-Dichlorobenzene

Concen: 1.51 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

KY038PS027-180709

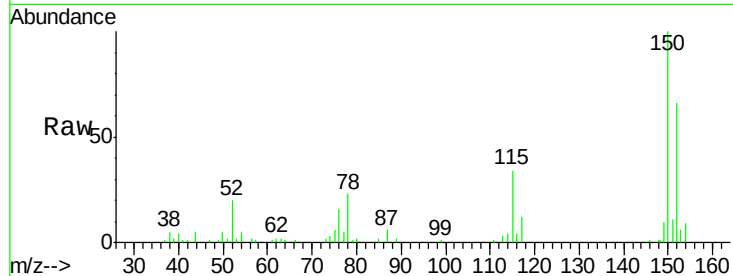
Tot Ion:146 Resp: 110

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.1#

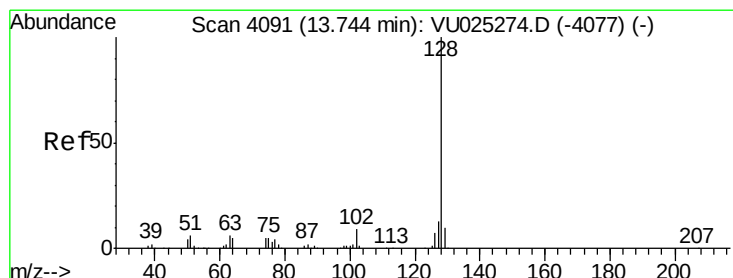
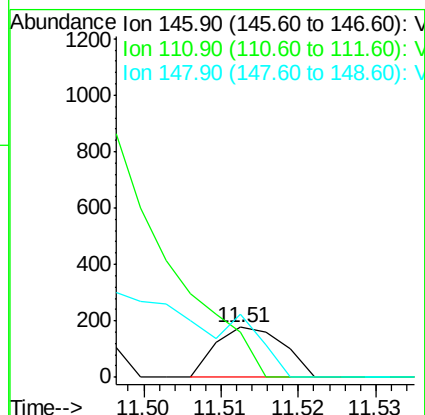
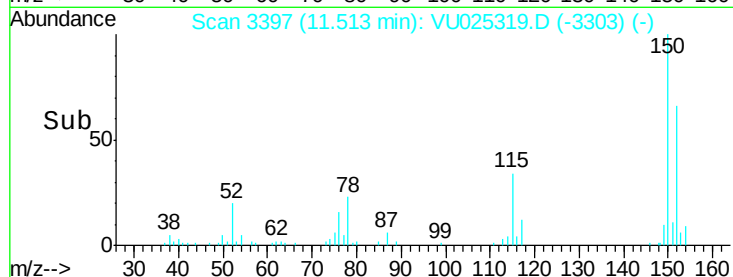
148 0.0 31.7 95.1#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 2.42 ug/l

RT: 13.79 min Scan# 4105

Delta R.T. 0.05 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

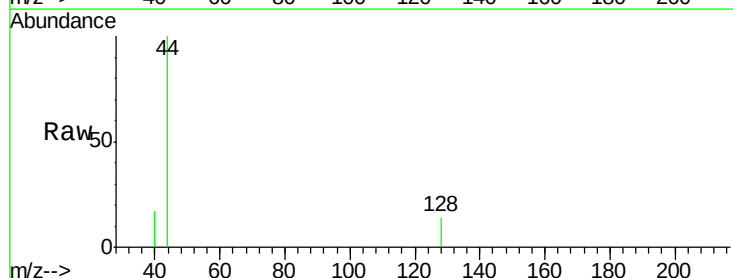
Tgt Ion:128 Resp: 71

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.3 12.5#



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

