

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025341.D
 Acq On : 12 Jul 2018 15:55
 Operator : MD/SY
 Sample : J3922-04DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709DL

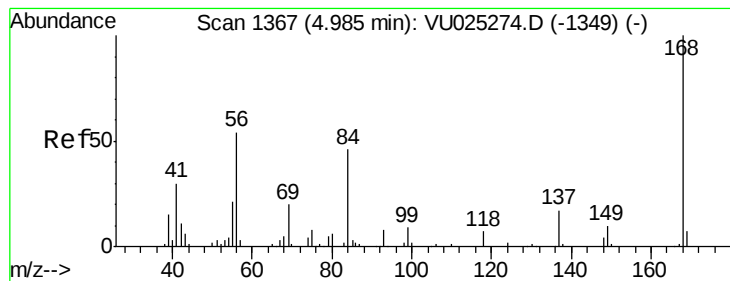
Quant Time: Jul 13 01:10:02 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287505	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154898	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	144619	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	4.89	113	112739	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	7.57	98	415677	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	10.31	95	165805	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	532	0.83	ug/l	91
4) Vinyl Chloride	1.40	62	1630	0.74	ug/l #	86
5) Bromomethane	1.61	94	495	Below Cal	#	73
6) Chloroethane	1.67	64	131	0.38	ug/l #	43
10) Methyl Iodide	2.41	142	402	7.85	ug/l #	39
11) Tert butyl alcohol	2.84	59	4214	6.45	ug/l #	73
16) Acetone	2.33	43	832	5.40	ug/l	91
17) Carbon Disulfide	2.47	76	304	1.98	ug/l #	74
20) Methylene Chloride	2.70	84	2008	1.55	ug/l #	81
27) cis-1,2-Dichloroethene	4.23	96	92980	35.96	ug/l	91
29) Tetrahydrofuran	4.65	42	441	0.35	ug/l #	42
31) Cyclohexane	4.99	56	3368	1.62	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	14356	4.49	ug/l #	49
38) Carbon Tetrachloride	4.98	117	18415	5.35	ug/l #	16
44) Trichloroethene	6.19	130	1722	0.65	ug/l	91
60) Dibromochloromethane	8.23	129	1244	0.47	ug/l #	11
64) Tetrachloroethene	8.23	164	1394	0.57	ug/l #	88
65) Chlorobenzene	9.12	112	78957	11.71	ug/l	98
74) N-amyl acetate	10.23	43	1994	1.67	ug/l #	45
76) 1,2,3-Trichloropropane	10.31	75	87352	27.72	ug/l #	36
79) 2-Chlorotoluene	10.60	91	539	0.22	ug/l #	40
81) trans-1,4-Dichloro-2-buten	10.31	75	87352	70.79	ug/l #	100
83) tert-Butylbenzene	11.10	119	5042	0.50	ug/l	98
85) sec-Butylbenzene	11.33	105	3380	0.29	ug/l	80
86) p-Isopropyltoluene	11.69	119	11701	1.12	ug/l	96
88) 1,4-Dichlorobenzene	11.51	146	944	1.66	ug/l #	1
90) Hexachloroethane	12.29	117	1075	0.61	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.52	180	334	3.37	ug/l #	37
95) Naphthalene	13.76	128	1198	2.51	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.99	180	125	2.56	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025341.D

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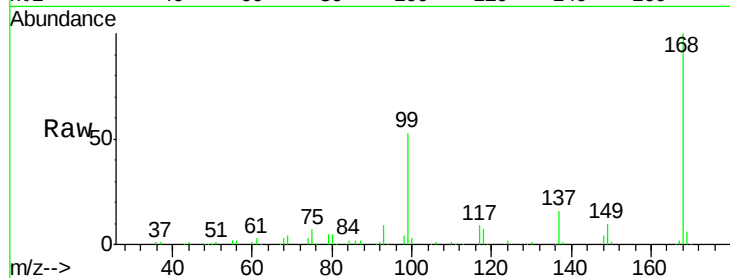
SS038RW151-180709DL

Tot Ion:168 Resp: 192911

Ion Ratio Lower Upper

168 100

99 53.0 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

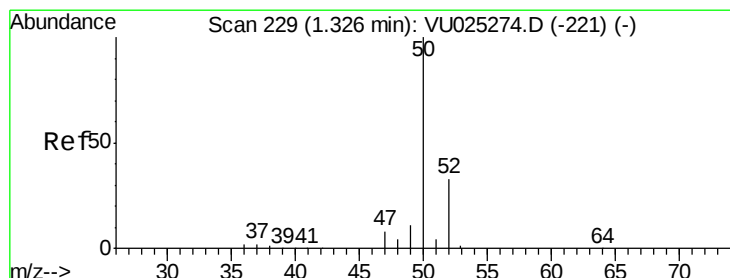
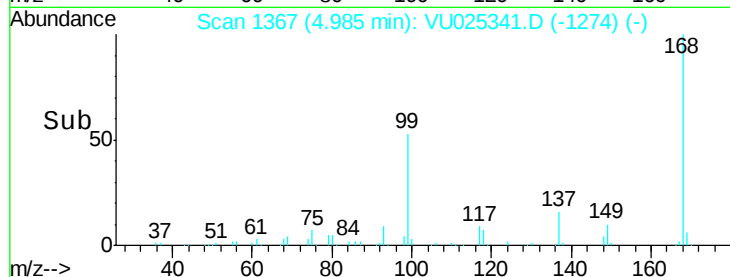
40000

20000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 0.83 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.00 min

Lab File: VU025341.D

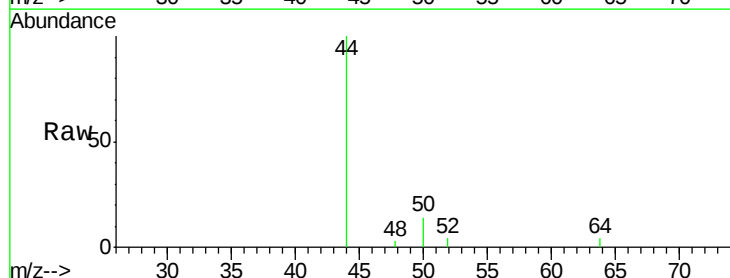
Acq: 12 Jul 2018 15:55

Tgt Ion: 50 Resp: 532

Ion Ratio Lower Upper

50 100

52 27.8 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) (-)

1.32

600

500

400

300

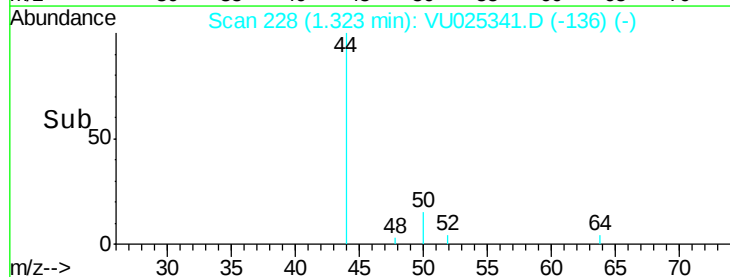
200

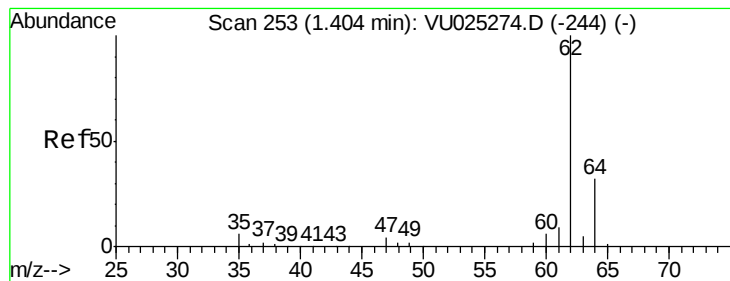
100

0

Time-->

1.30 1.32 1.34





#4

Vinyl Chloride

Concen: 0.74 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

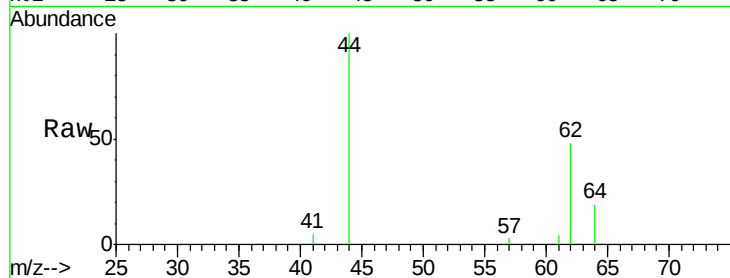
SS038RW151-180709DL

Tot Ion: 62 Resp: 1630

Ion Ratio Lower Upper

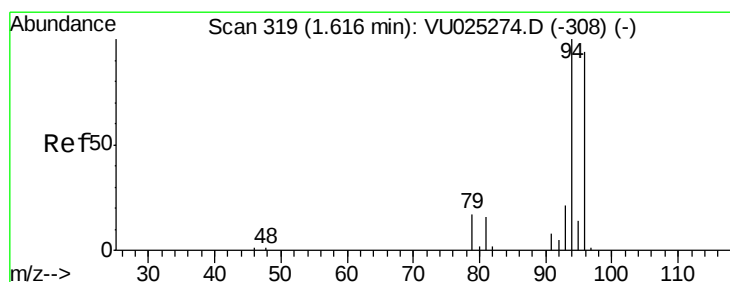
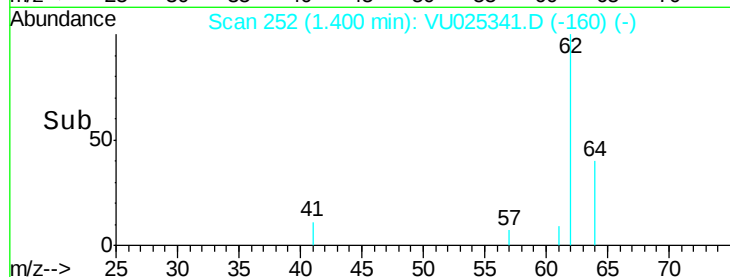
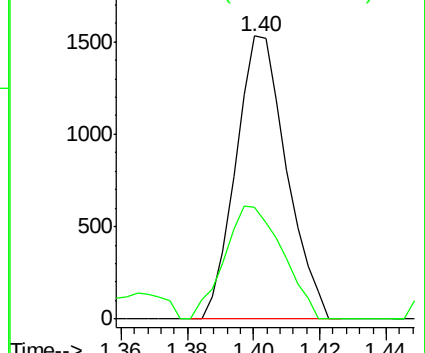
62 100

64 39.6 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: 1.61 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU025341.D

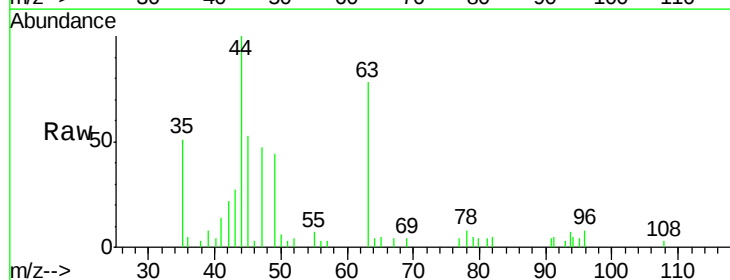
Acq: 12 Jul 2018 15:55

Tgt Ion: 94 Resp: 495

Ion Ratio Lower Upper

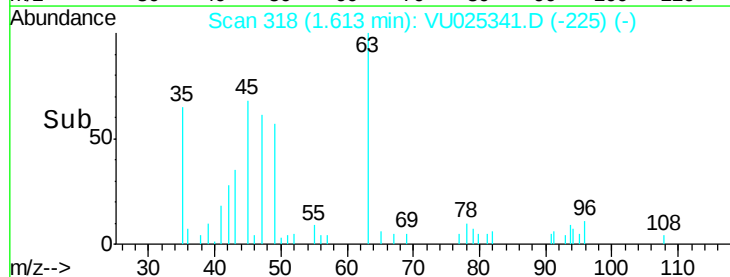
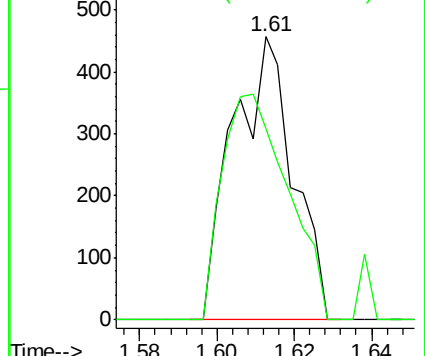
94 100

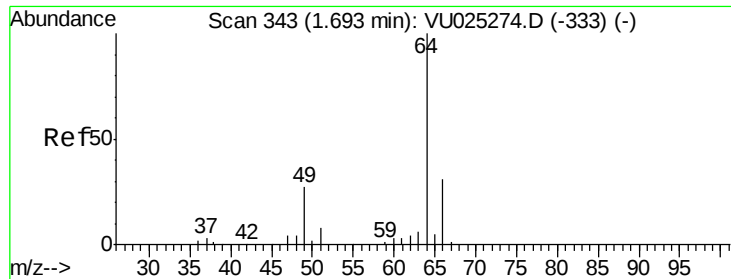
96 67.4 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: 0.38 ug/l

RT: 1.67 min Scan# 335

Delta R.T. -0.02 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

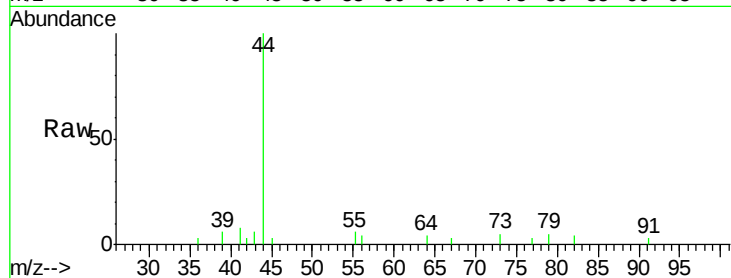
SS038RW151-180709DL

Tot Ion: 64 Resp: 131

Ion Ratio Lower Upper

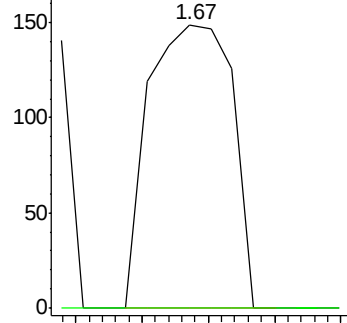
64 100

66 0.0 25.0 37.4#

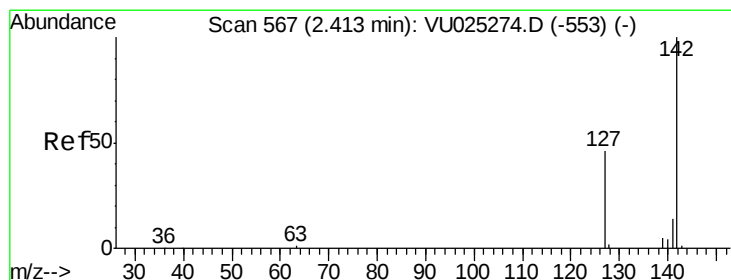
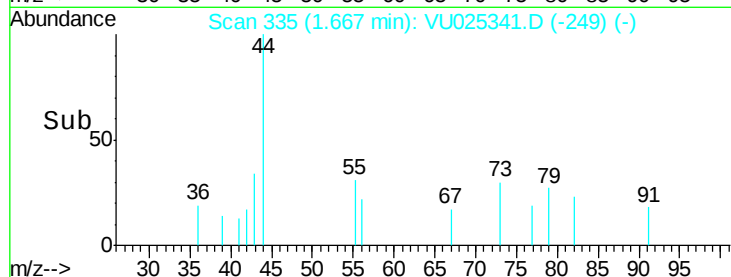


Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->



#10

Methyl Iodide

Concen: 7.85 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

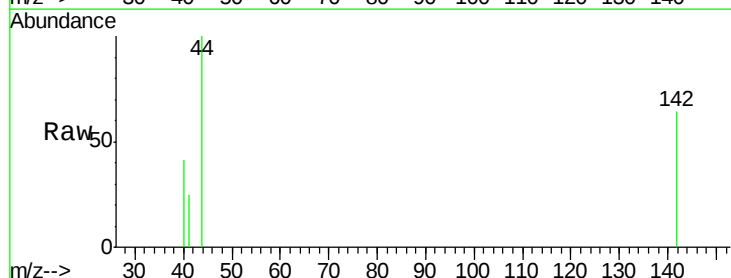
Tgt Ion: 142 Resp: 402

Ion Ratio Lower Upper

142 100

127 0.0 36.5 54.7#

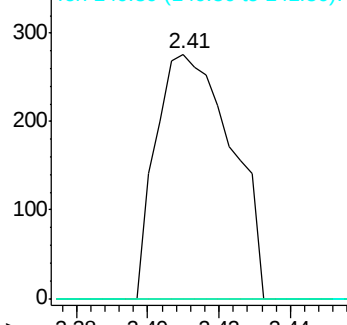
141 0.0 11.4 17.2#



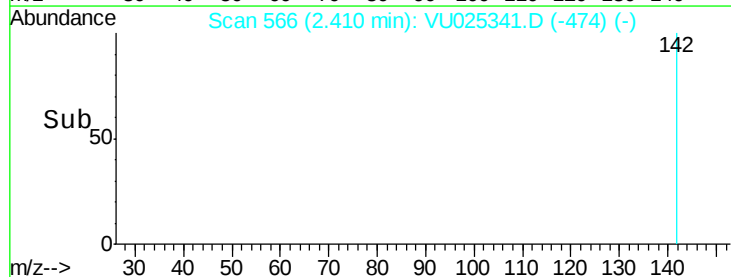
Abundance Ion 141.80 (141.50 to 142.50): V

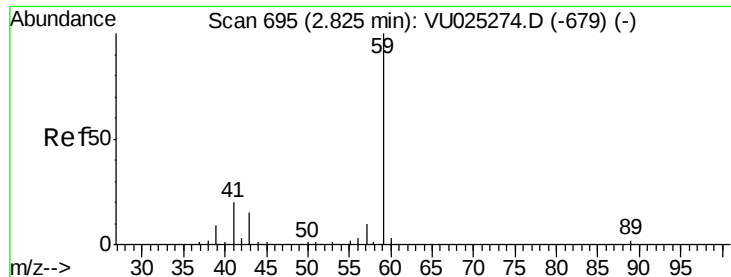
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

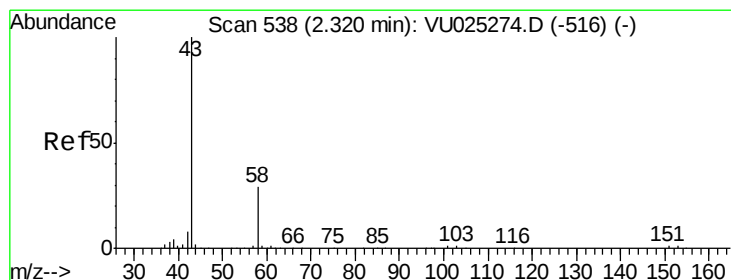
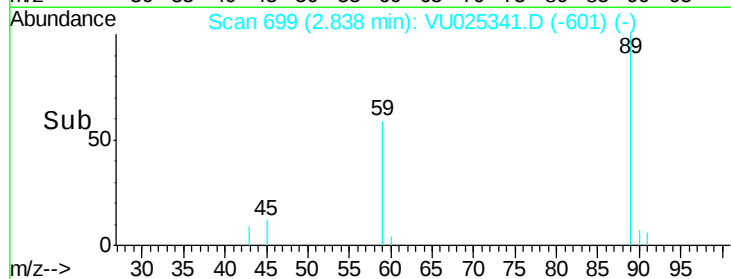
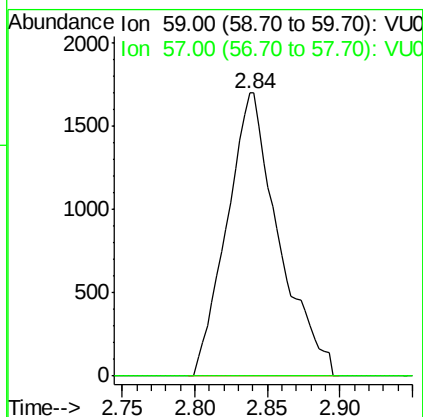
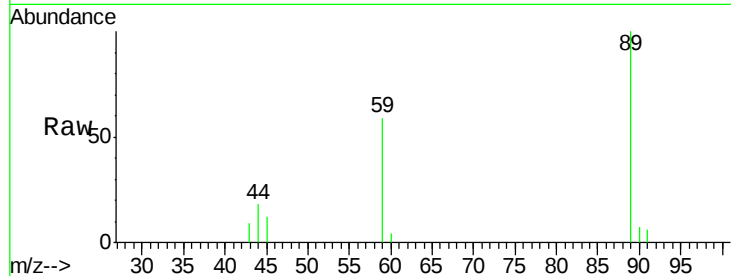




#11
Tert butyl alcohol
Concen: 6.45 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

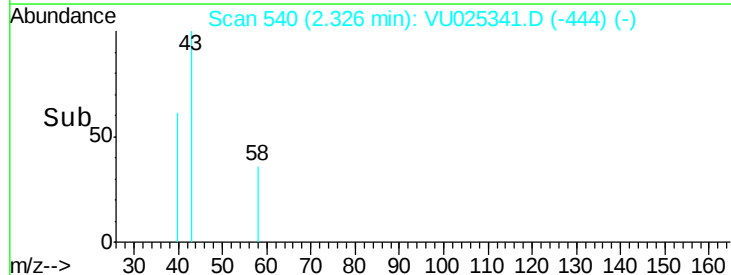
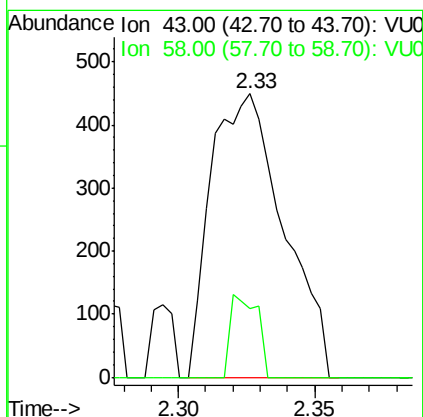
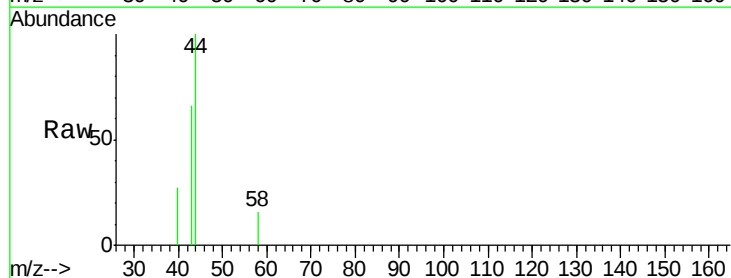
Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709DL

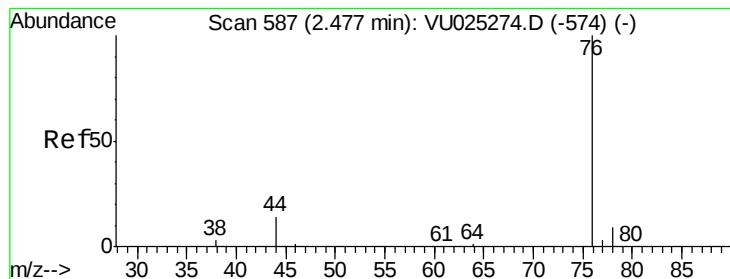
Tot Ion: 59 Resp: 4214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 5.40 ug/l
RT: 2.33 min Scan# 540
Delta R.T. 0.01 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 24.3 23.1 34.7





#17

Carbon Disulfide

Concen: 1.98 ug/l

RT: 2.47 min Scan# 585

Delta R.T. -0.01 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

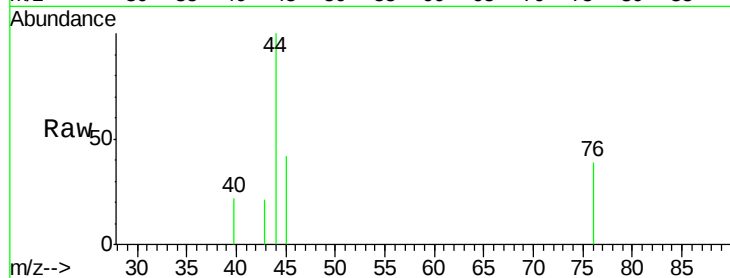
SS038RW151-180709DL

Tot Ion: 76 Resp: 304

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU025274.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU025274.D (-574) (-)

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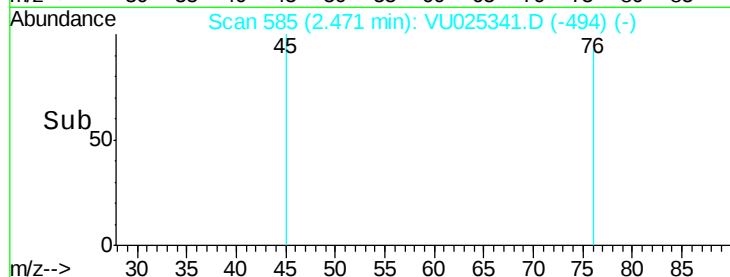
2.47

2.47

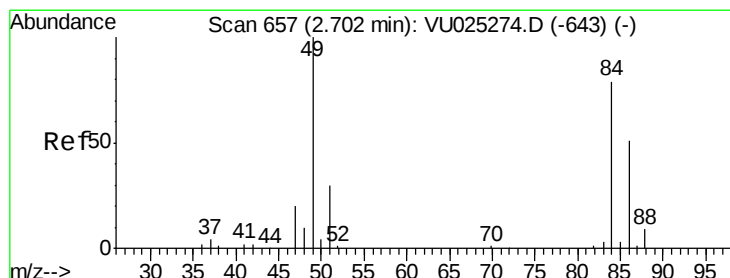
2.47

2.47

2.47



Time-->



#20

Methylene Chloride

Concen: 1.55 ug/l

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Tgt Ion: 84 Resp: 2008

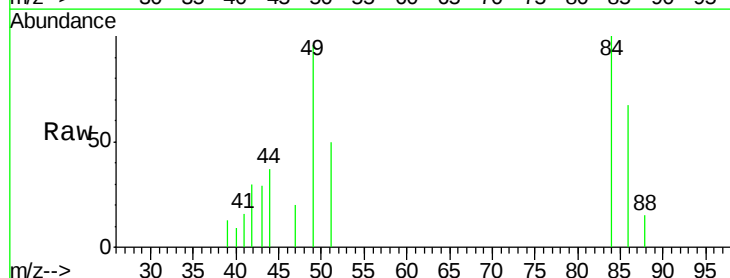
Ion Ratio Lower Upper

84 100

49 96.4 101.8 152.6#

51 50.3 30.8 46.2#

86 66.7 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VU025274.D (-643) (-)

Ion 48.90 (48.60 to 49.60): VU025274.D (-643) (-)

Ion 50.90 (50.60 to 51.60): VU025274.D (-643) (-)

Ion 85.90 (85.60 to 86.60): VU025274.D (-643) (-)

2.70

2.70

2.70

2.70

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2.70

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2.70

2.70

2.70

2.70

2.70

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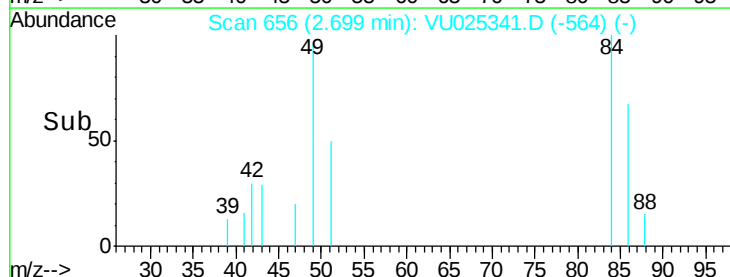
2.70

2.70

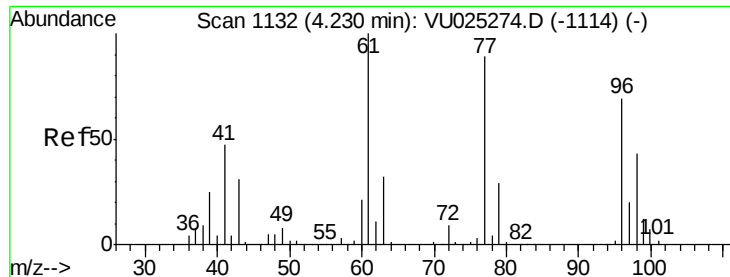
2.70

2.70

2.70



Time-->



#27

cis-1,2-Dichloroethene

Concen: 35.96 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025341.D

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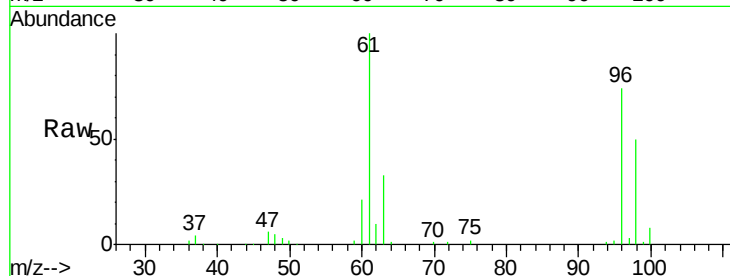
Tot Ion: 96 Resp: 92980

Ion Ratio Lower Upper

96 100

61 135.0 0.0 299.8

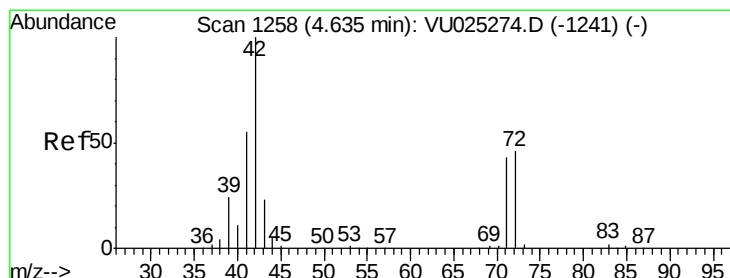
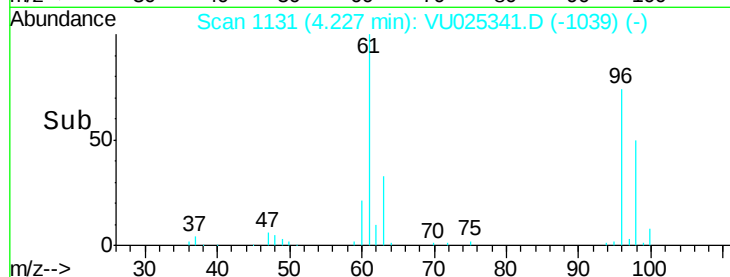
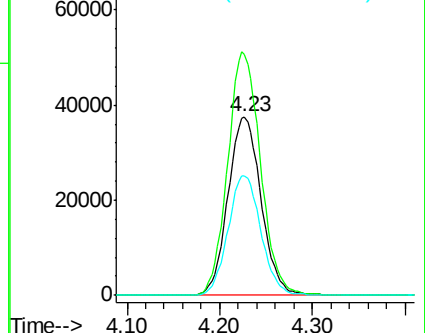
98 66.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 4.65 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

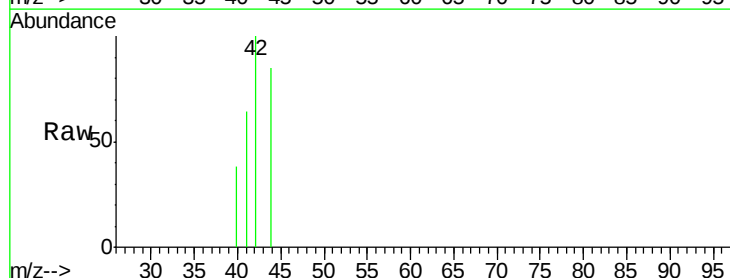
Tgt Ion: 42 Resp: 441

Ion Ratio Lower Upper

42 100

72 0.0 36.7 55.1#

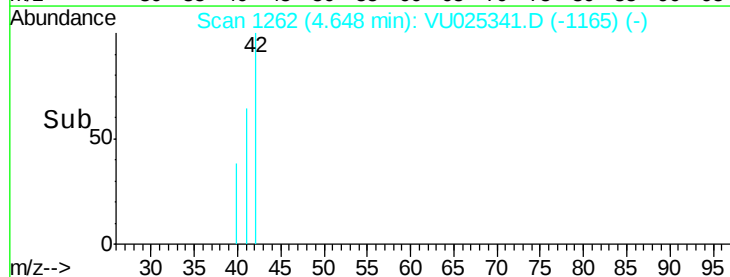
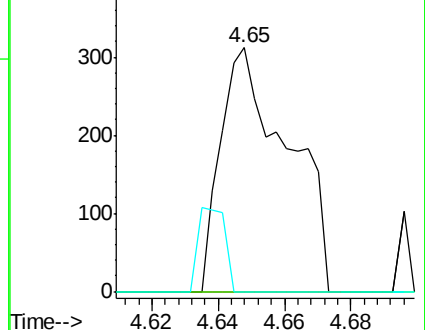
71 13.8 33.9 50.9#

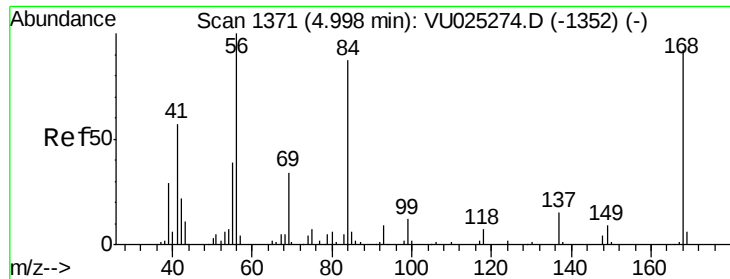


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

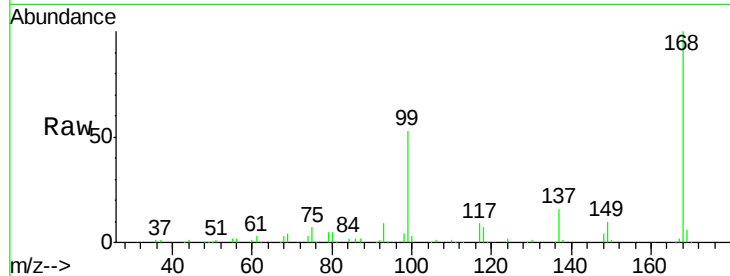




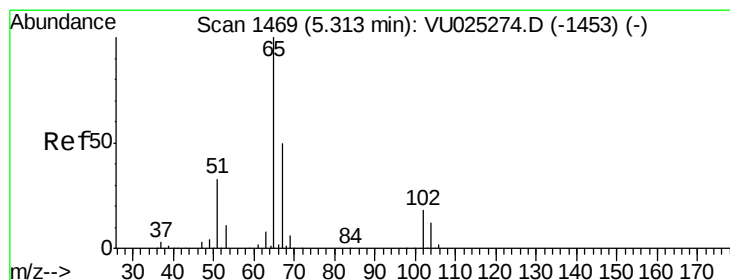
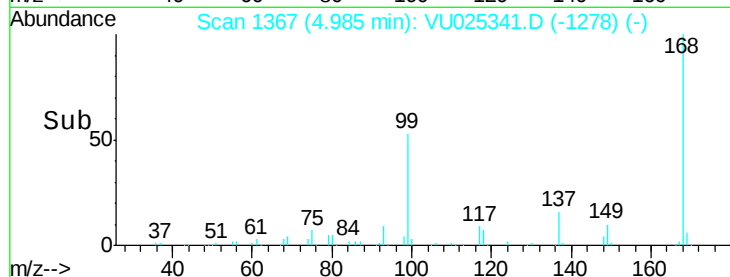
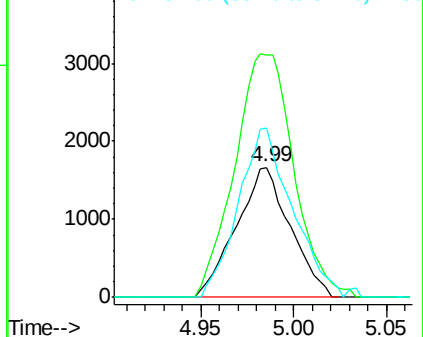
#31
Cyclohexane
Concen: 1.62 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709DL

Tot Ion: 56 Resp: 3368
Ion Ratio Lower Upper
56 100
69 186.1 26.8 40.2#
84 129.7 69.7 104.5#

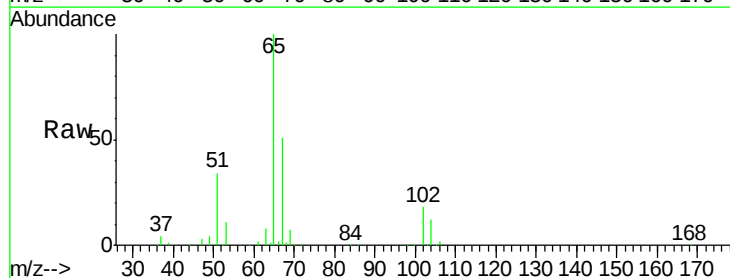


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

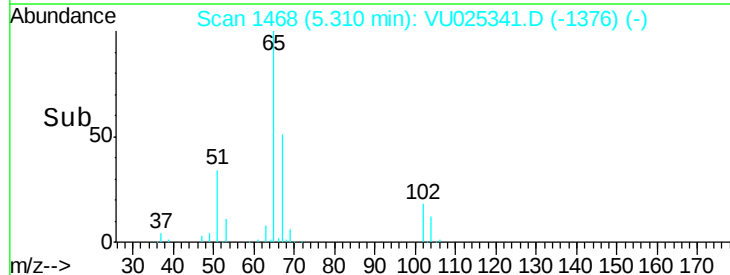
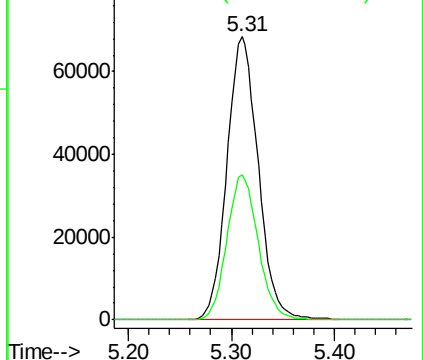


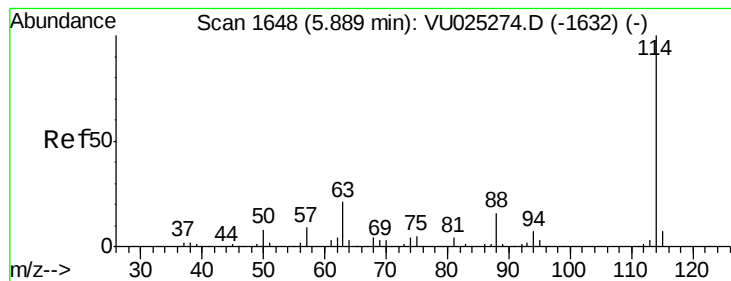
#33
1,2-Dichloroethane-d4
Concen: 48.25 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Tgt Ion: 65 Resp: 144619
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

SS038RW151-180709DL

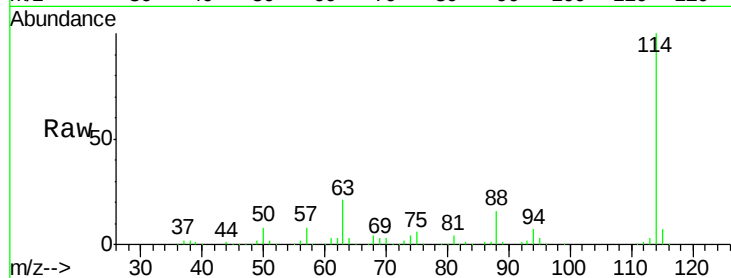
Tot Ion:114 Resp: 287505

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

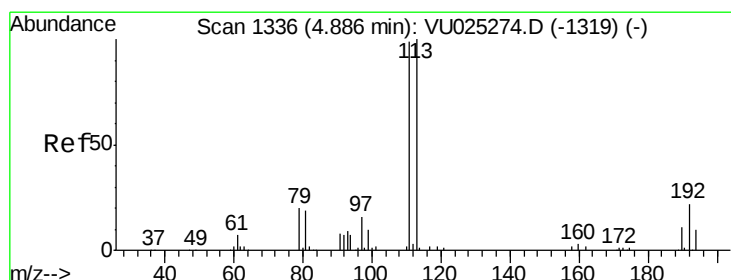
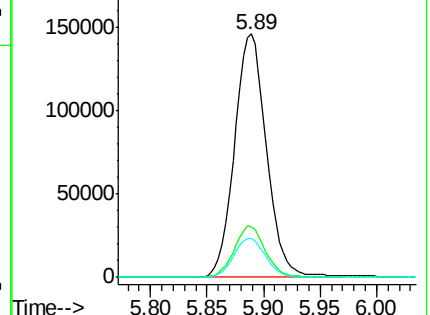
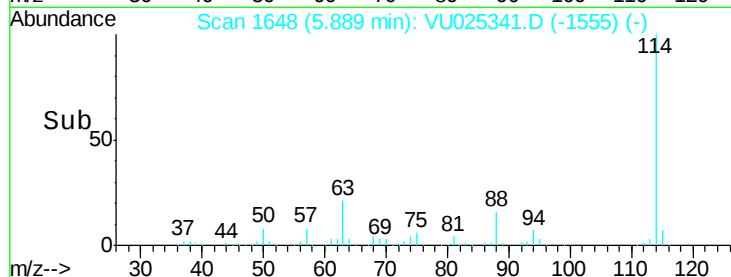
88 15.7 0.0 32.4



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: 46.48 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

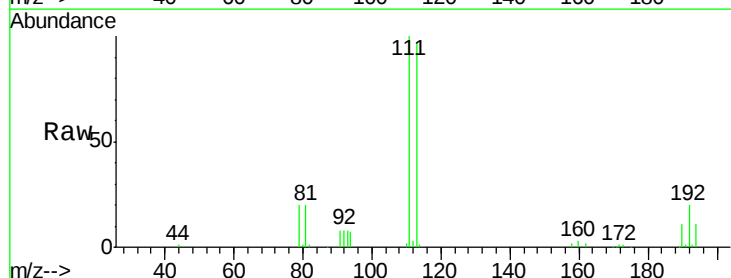
Tgt Ion:113 Resp: 112739

Ion Ratio Lower Upper

113 100

111 100.9 81.7 122.5

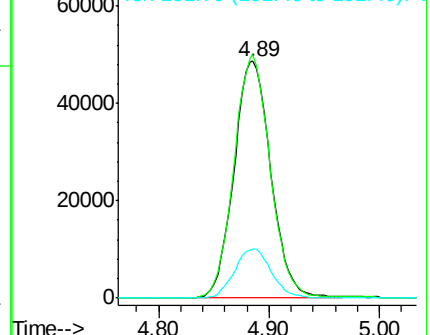
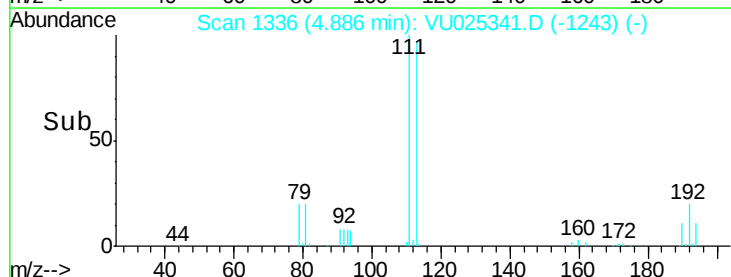
192 20.7 17.1 25.7

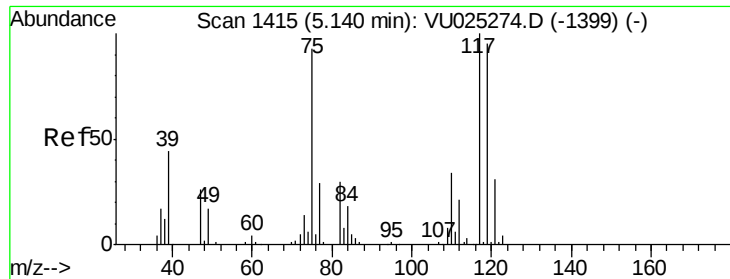


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

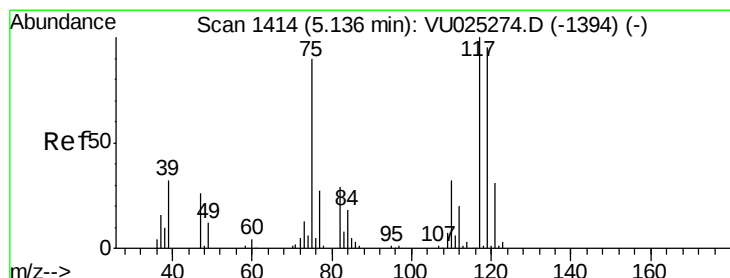
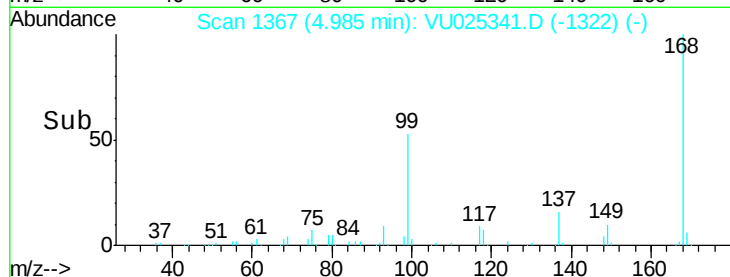
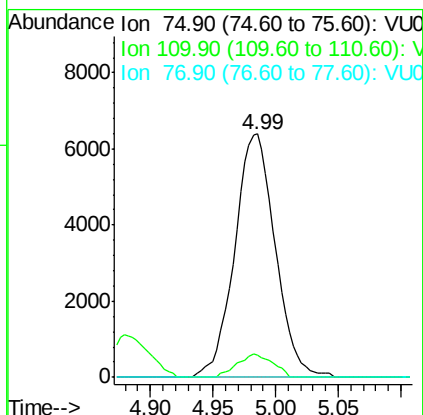
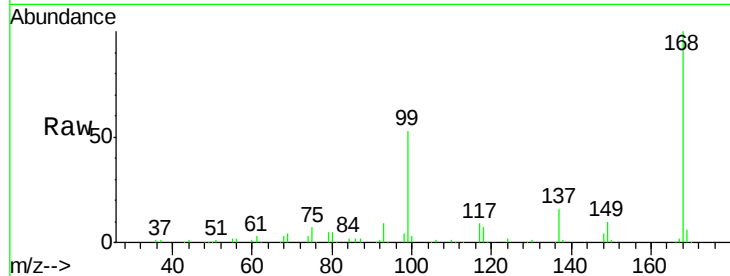




#36
 1,1-Dichloropropene
 Concen: 4.49 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

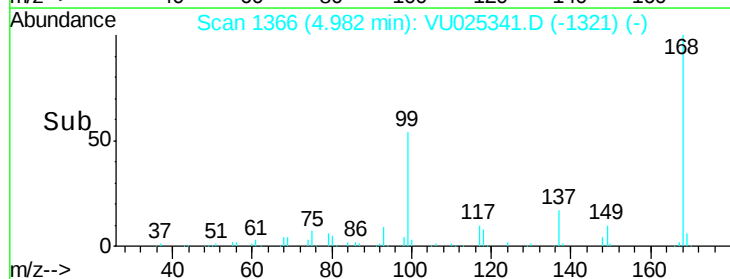
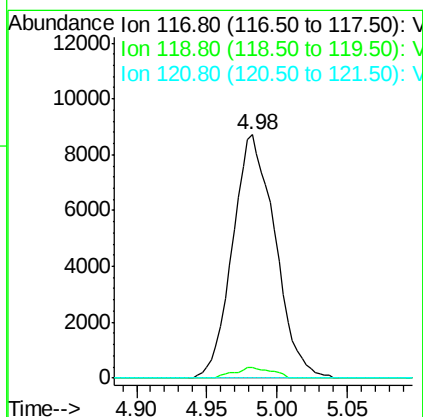
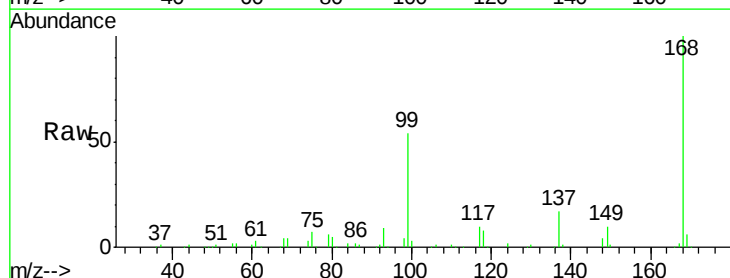
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709DL

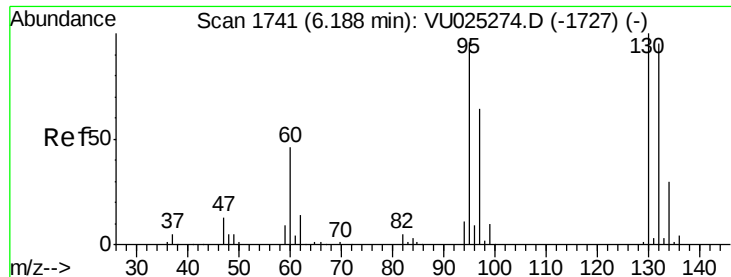
Tot Ion: 75 Resp: 14356
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.6 52.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.35 ug/l
 RT: 4.98 min Scan# 1366
 Delta R.T. -0.15 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

Tgt Ion: 117 Resp: 18415
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.7 113.5#
 121 0.0 24.6 36.8#





#44

Trichloroethene

Concen: 0.65 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

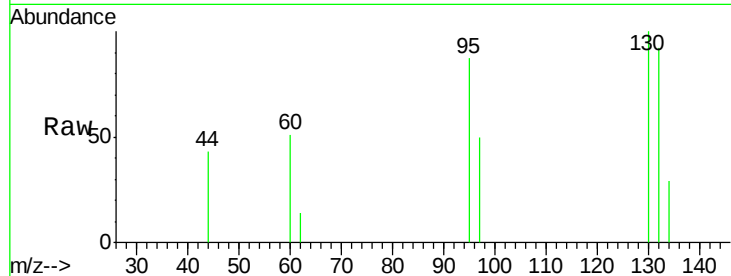
SS038RW151-180709DL

Tot Ion:130 Resp: 1722

Ion Ratio Lower Upper

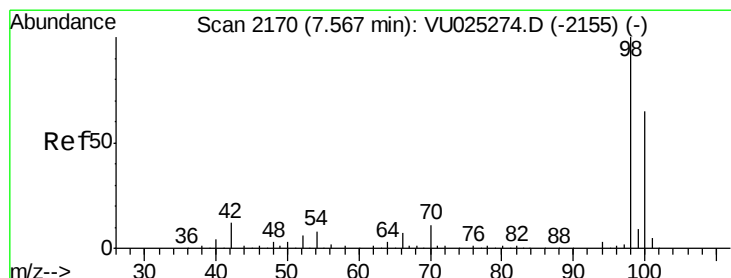
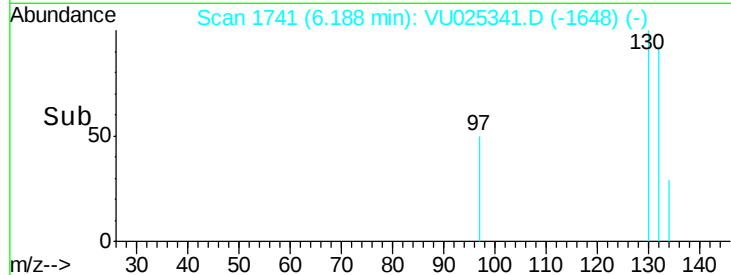
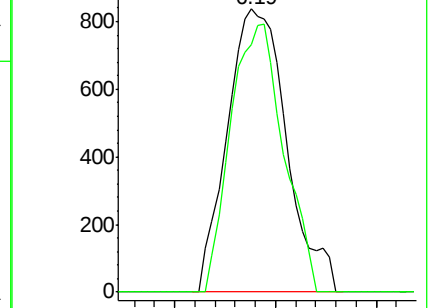
130 100

95 87.5 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 50.05 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025341.D

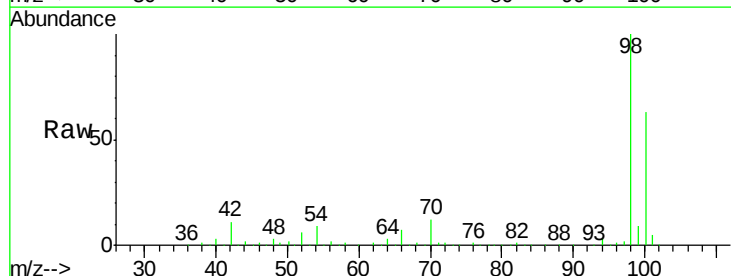
Acq: 12 Jul 2018 15:55

Tgt Ion: 98 Resp: 415677

Ion Ratio Lower Upper

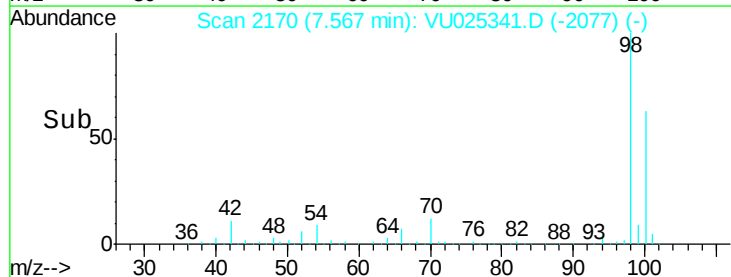
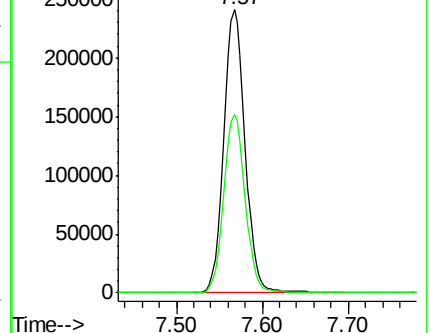
98 100

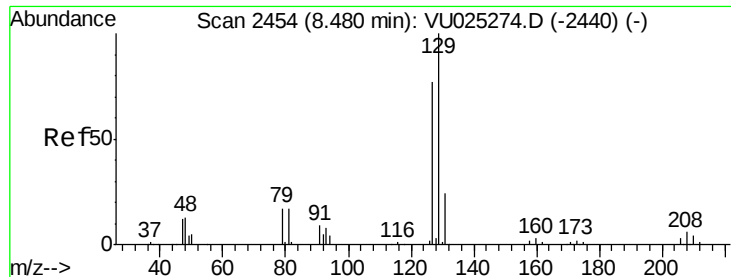
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

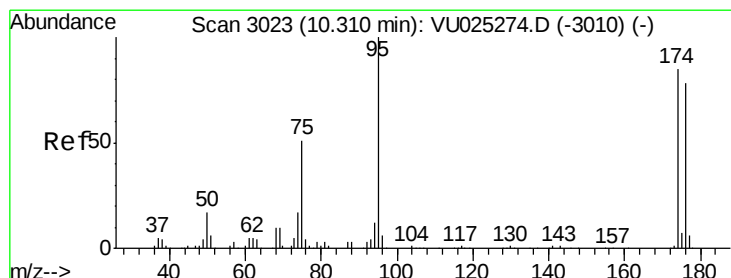
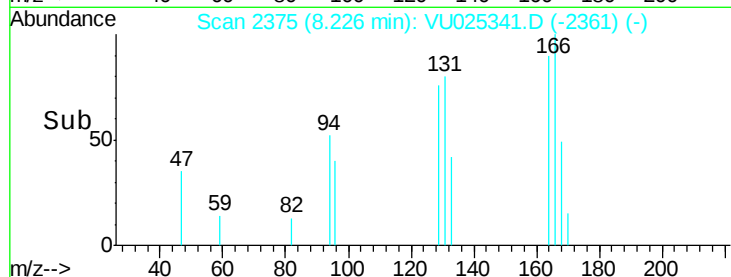
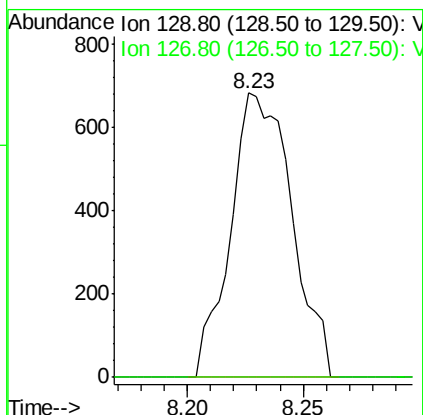
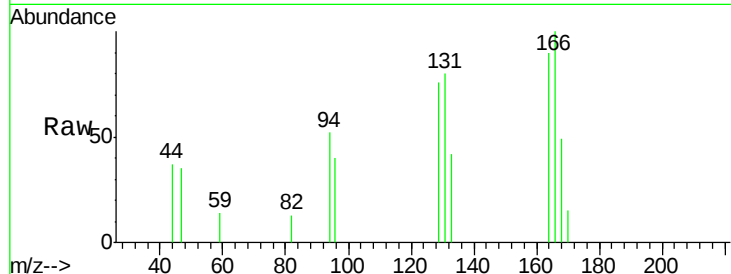




#60
 Dibromochloromethane
 Concen: 0.47 ug/l
 RT: 8.23 min Scan# 2375
 Delta R.T. -0.25 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

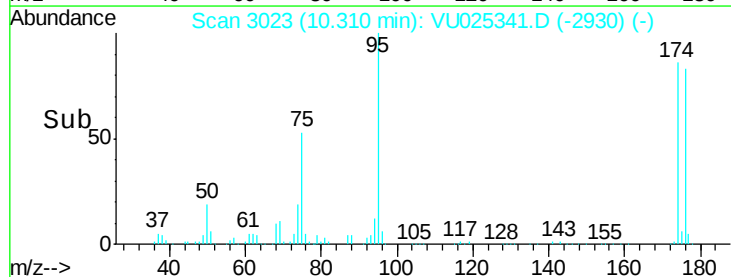
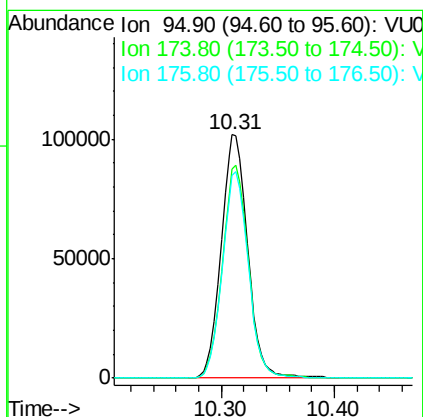
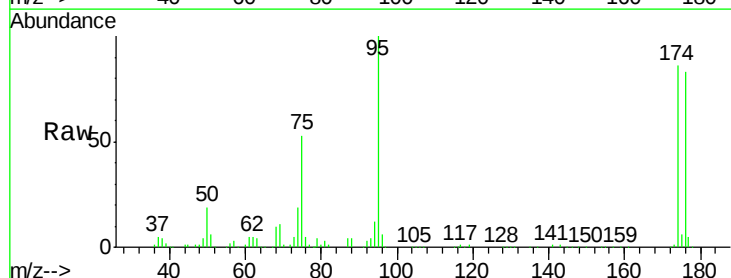
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709DL

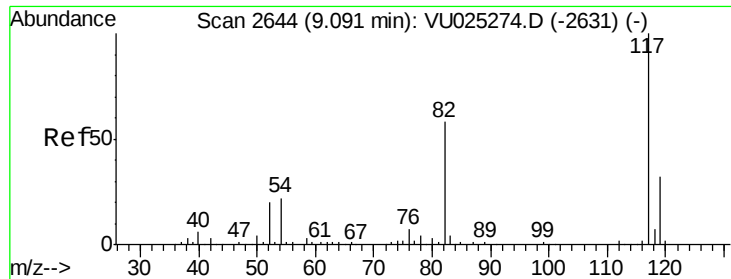
Tot Ion:129 Resp: 1244
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#



#62
 4-Bromofluorobenzene
 Concen: 49.59 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

Tgt Ion: 95 Resp: 165805
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 172.2
 176 83.3 0.0 162.6

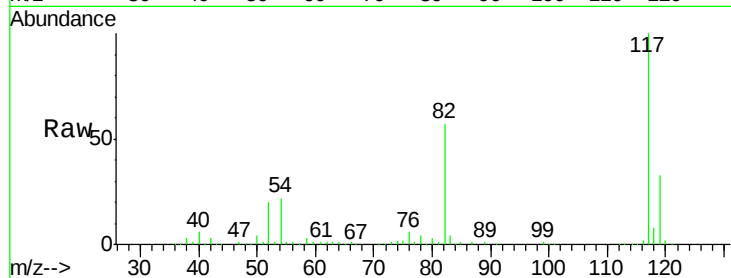




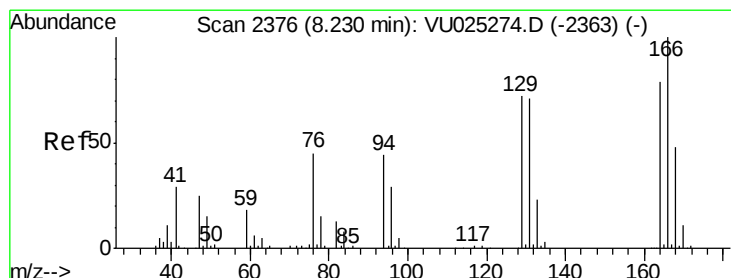
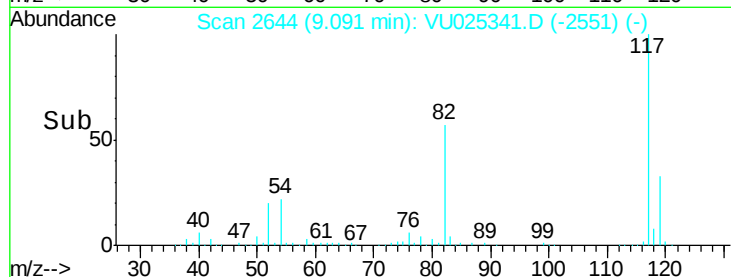
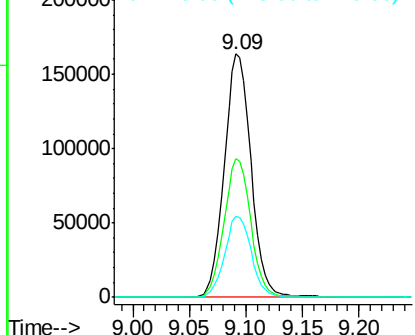
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709DL

Tot Ion:117 Resp: 269988
Ion Ratio Lower Upper
117 100
82 56.9 46.0 69.0
119 33.5 26.0 39.0

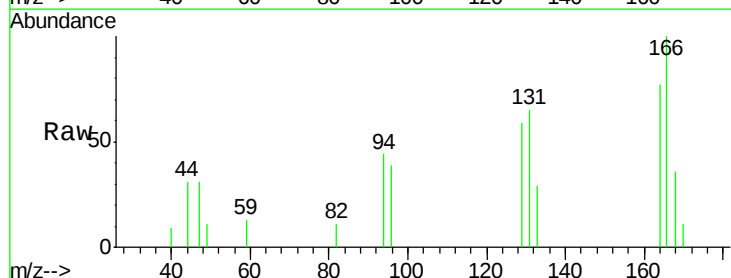


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

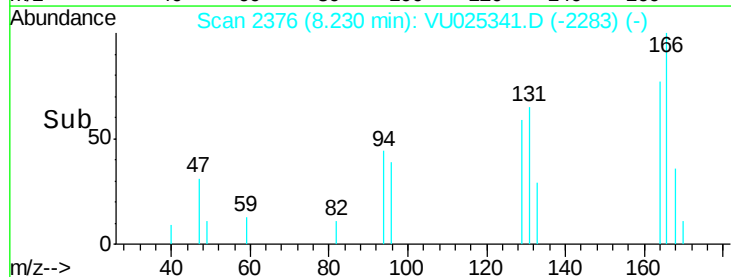
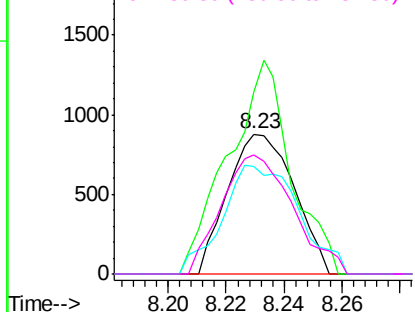


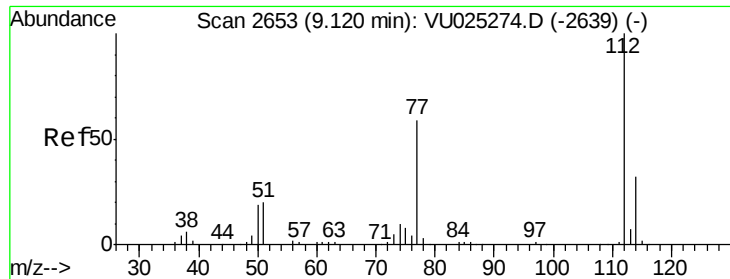
#64
Tetrachloroethene
Concen: 0.57 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Tgt Ion:164 Resp: 1394
Ion Ratio Lower Upper
164 100
166 130.4 101.1 151.7
129 63.1 73.0 109.6#
131 84.8 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





#65

Chlorobenzene

Concen: 11.71 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

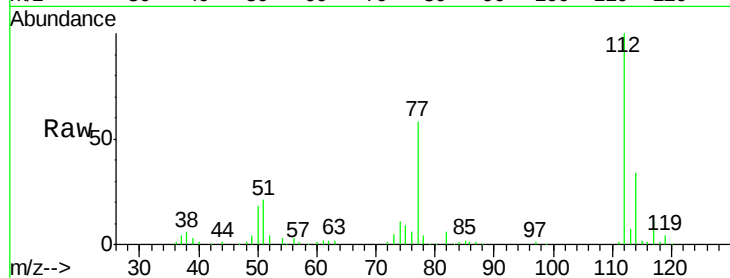
SS038RW151-180709DL

Tot Ion:112 Resp: 78957

Ion Ratio Lower Upper

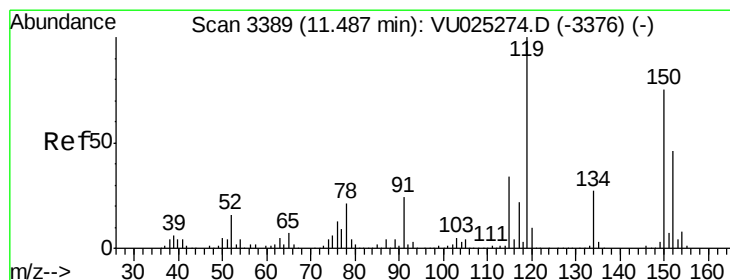
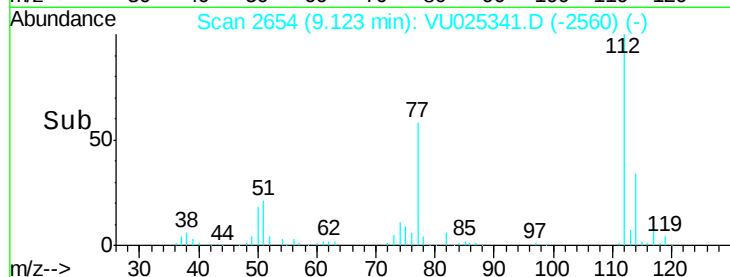
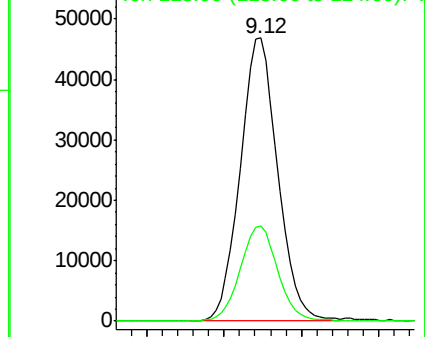
112 100

114 33.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VU025341.D

Acq: 12 Jul 2018 15:55

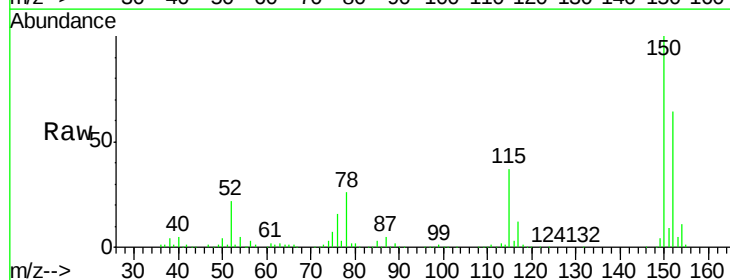
Tgt Ion:152 Resp: 154898

Ion Ratio Lower Upper

152 100

115 57.7 40.1 120.3

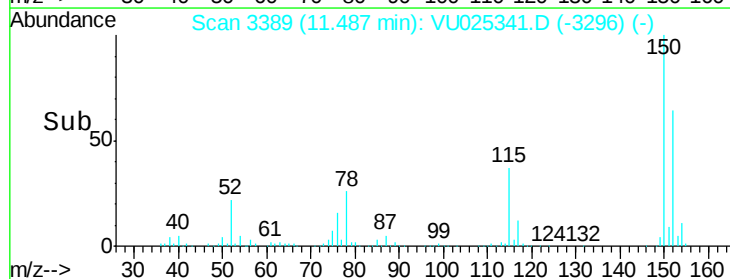
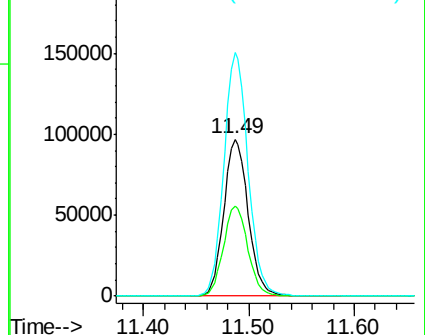
150 154.2 0.0 351.4

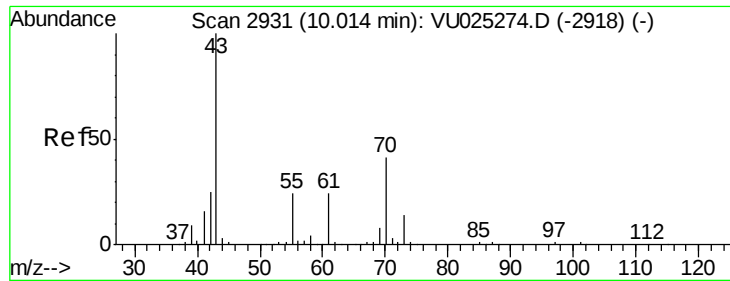


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.67 ug/l

RT: 10.23 min Scan# 2997

Delta R.T. 0.21 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

SS038RW151-180709DL

Tot Ion: 43 Resp: 1994

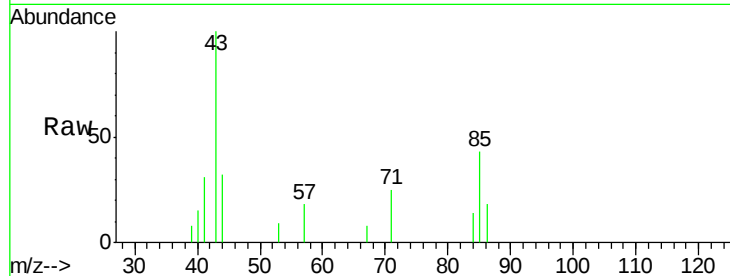
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 4.3 19.0 28.6#

61 0.0 19.3 28.9#

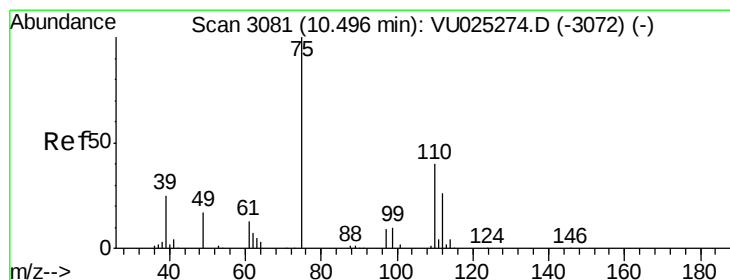
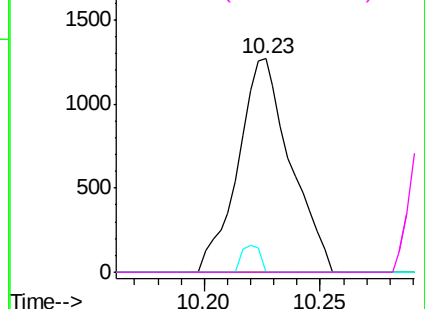
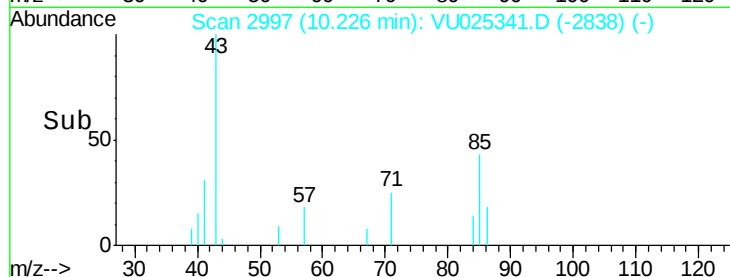


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 27.72 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025341.D

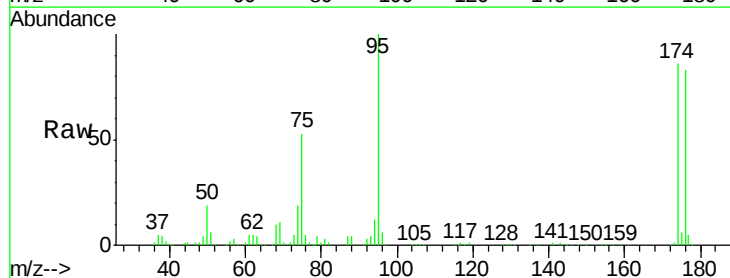
Acq: 12 Jul 2018 15:55

Tgt Ion: 75 Resp: 87352

Ion Ratio Lower Upper

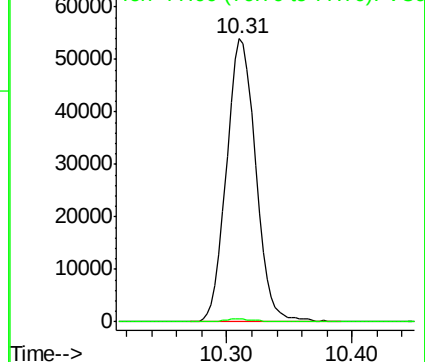
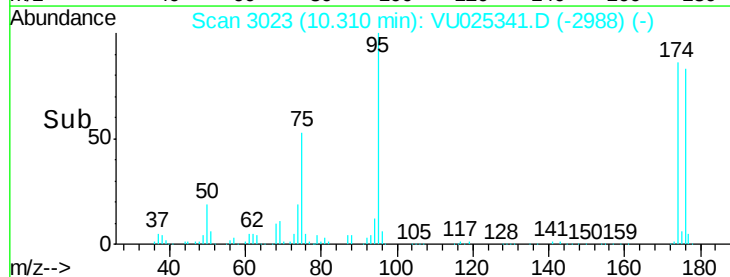
75 100

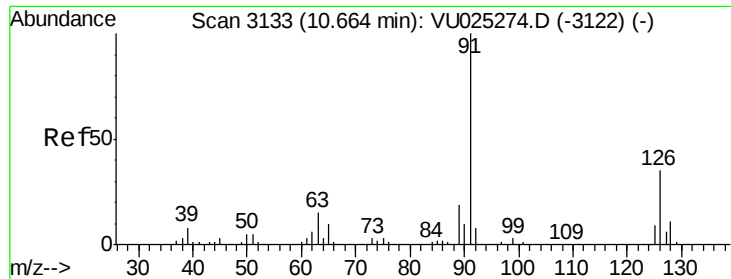
77 1.0 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

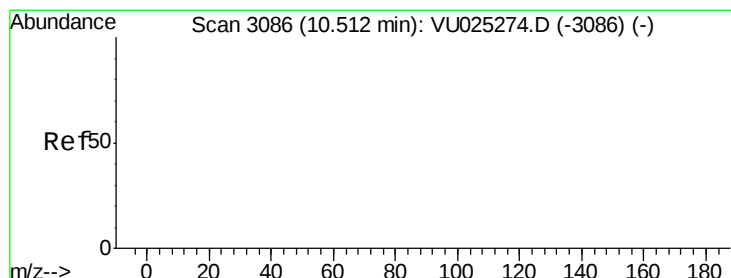
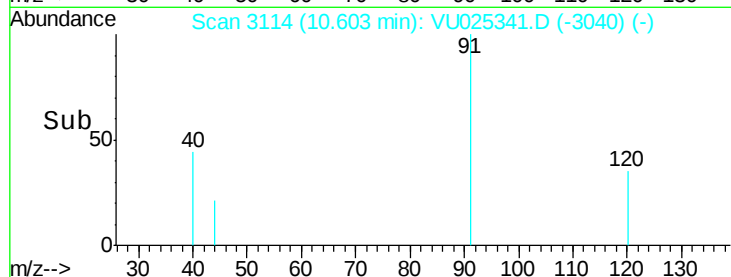
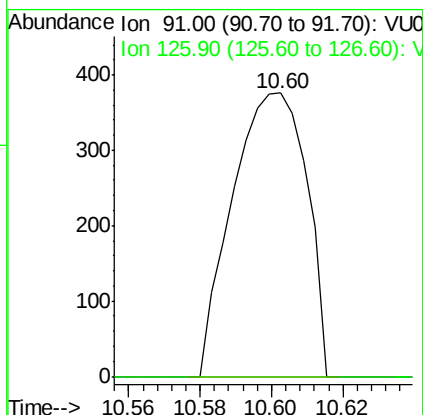
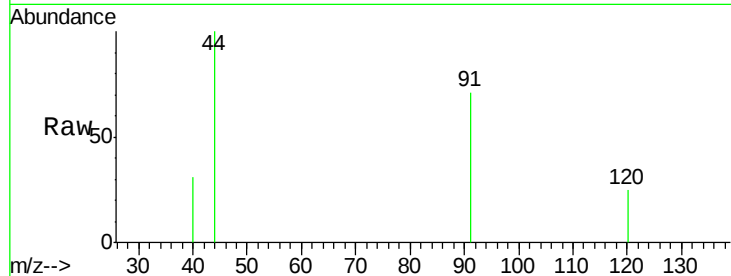




#79
 2-Chlorotoluene
 Concen: 0.22 ug/l
 RT: 10.60 min Scan# 3114
 Delta R.T. -0.06 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

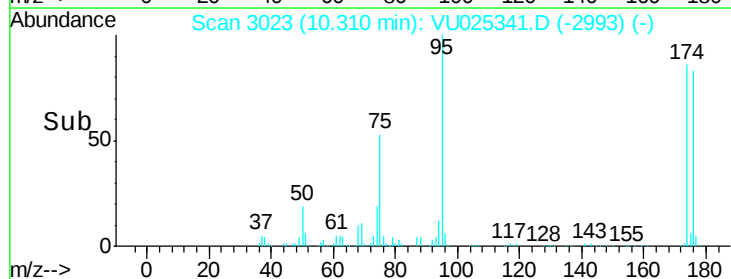
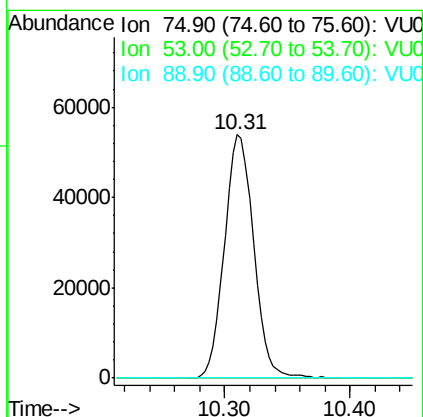
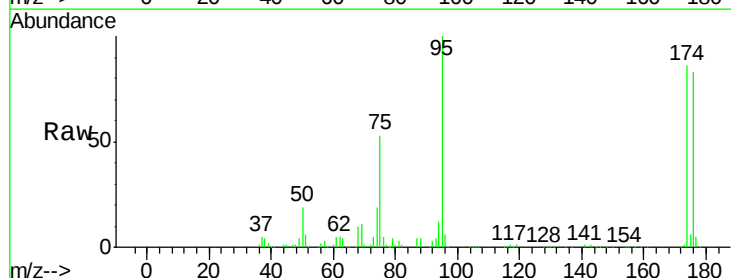
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709DL

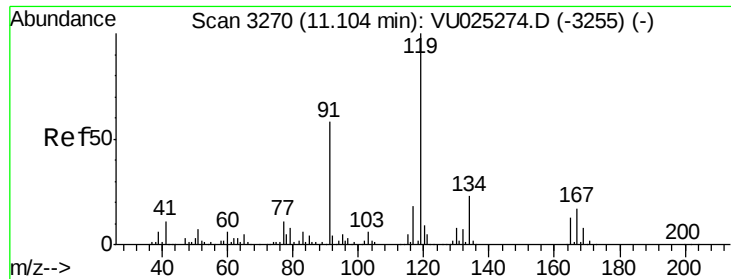
Tot Ion: 91 Resp: 539
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.79 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

Tgt Ion: 75 Resp: 87352
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

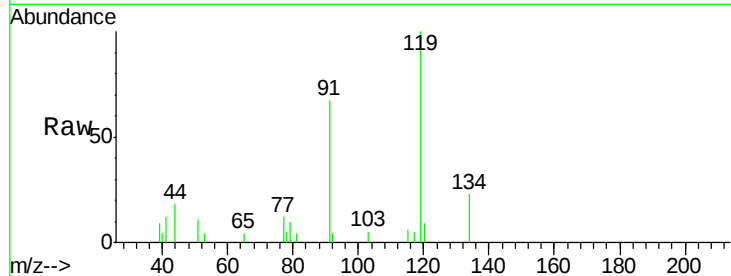




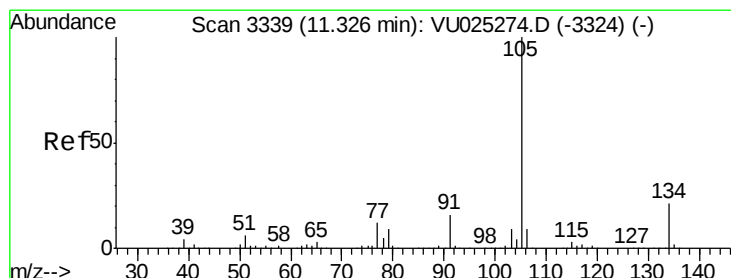
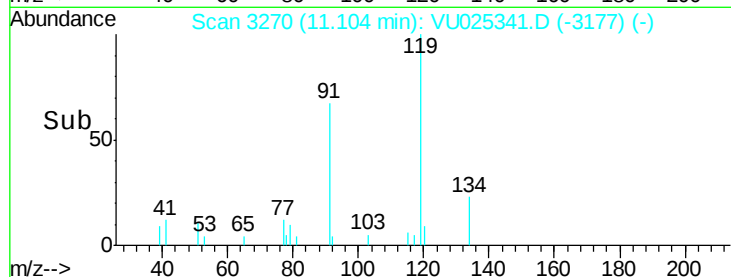
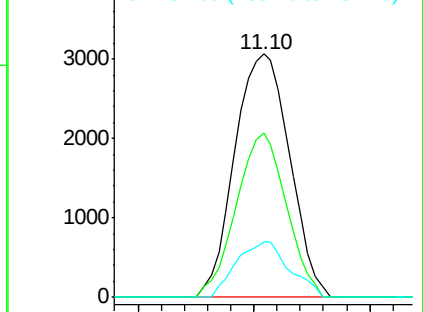
#83
tert-Butylbenzene
Concen: 0.50 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709DL

Tot Ion:119 Resp: 5042
Ion Ratio Lower Upper
119 100
91 61.4 29.7 89.1
134 22.1 11.5 34.5

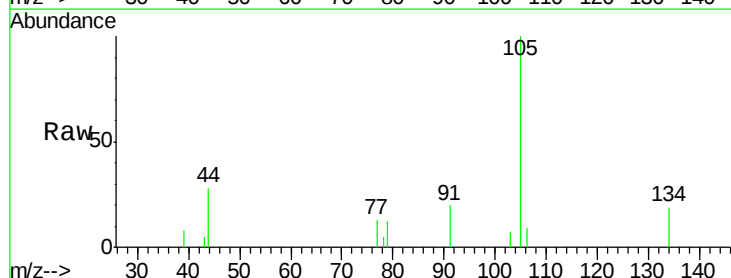


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

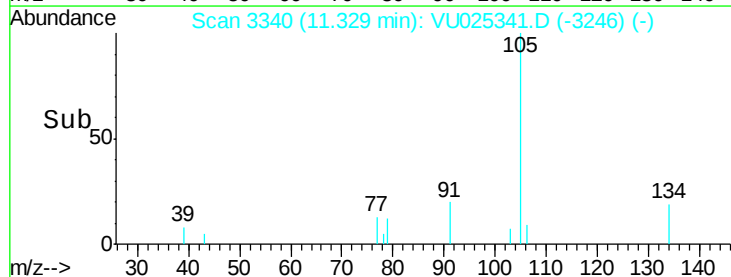
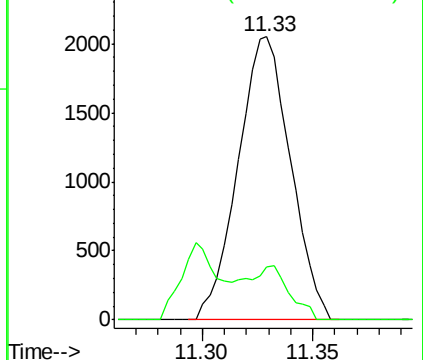


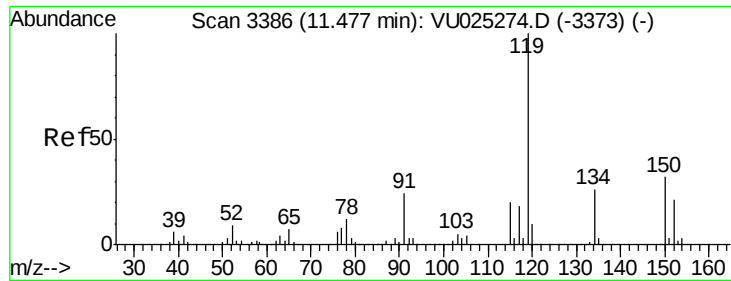
#85
sec-Butylbenzene
Concen: 0.29 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Tgt Ion:105 Resp: 3380
Ion Ratio Lower Upper
105 100
134 11.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

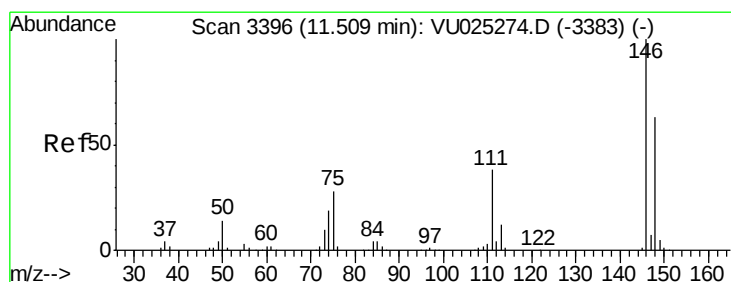
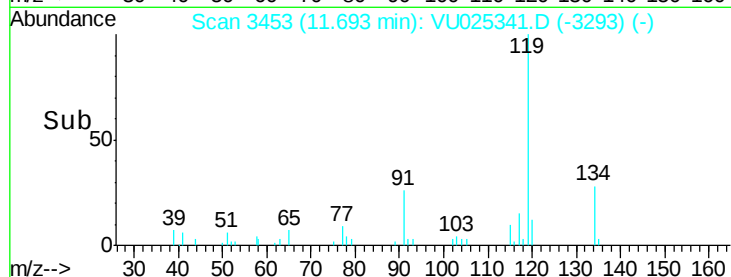
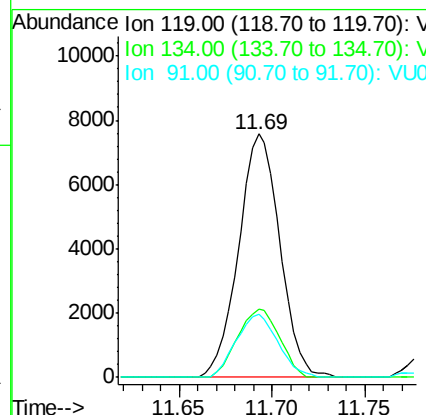
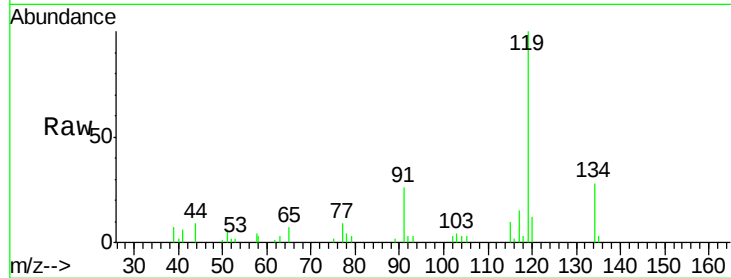




#86
 p-Isopropyltoluene
 Concen: 1.12 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

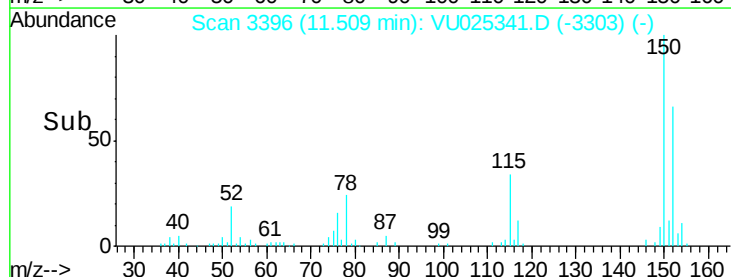
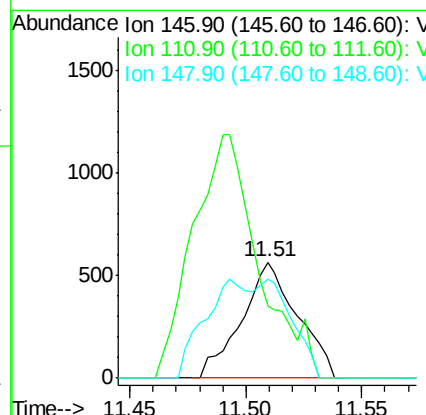
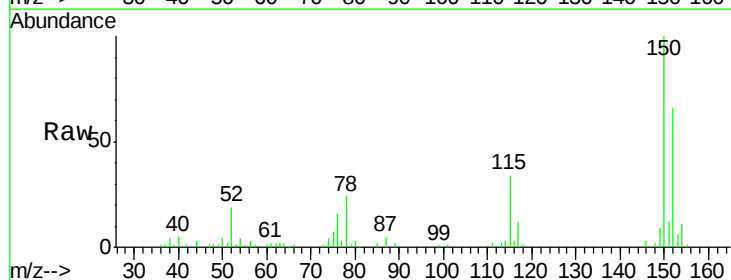
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW151-180709DL

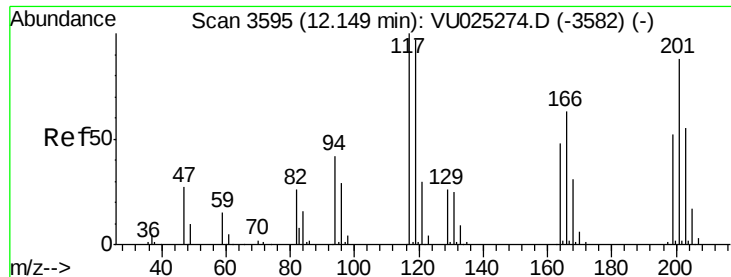
Tot Ion:119 Resp: 11701
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.2 39.5
 91 26.2 12.0 36.1



#88
 1,4-Dichlorobenzene
 Concen: 1.66 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025341.D
 Acq: 12 Jul 2018 15:55

Tgt Ion:146 Resp: 944
 Ion Ratio Lower Upper
 146 100
 111 247.2 19.4 58.1#
 148 71.6 31.7 95.1

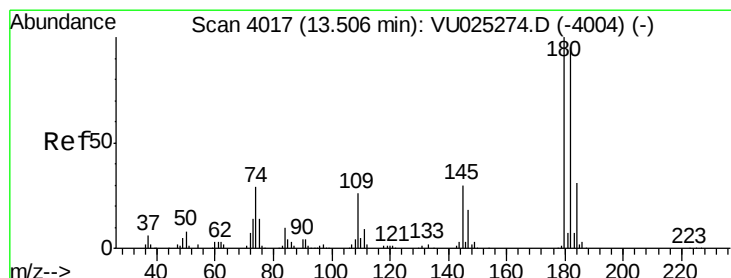
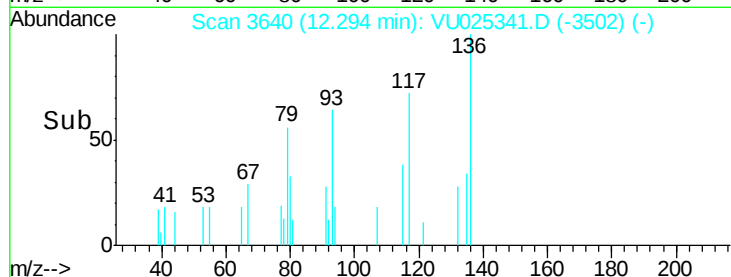
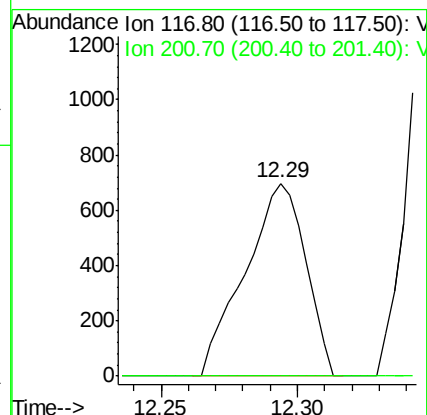
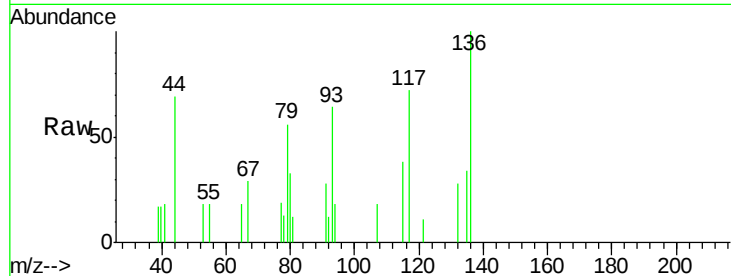




#90
Hexachloroethane
Concen: 0.61 ug/l
RT: 12.29 min Scan# 3640
Delta R.T. 0.14 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

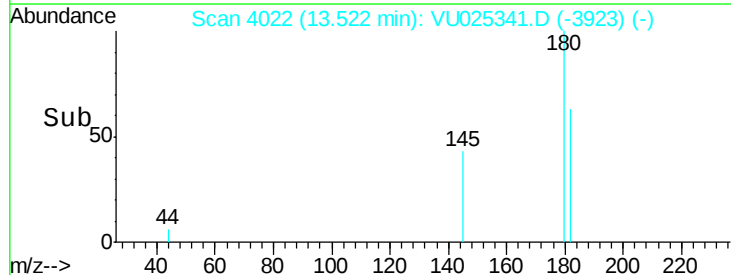
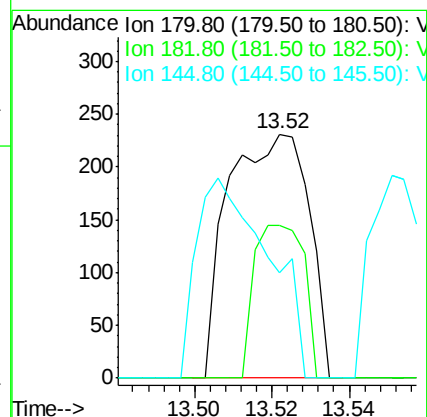
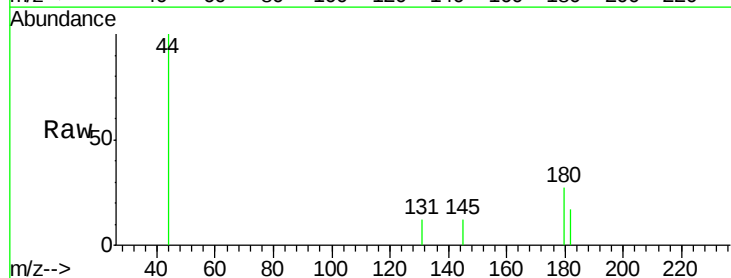
Instrument :
MSVOA_U
ClientSampleId :
SS038RW151-180709DL

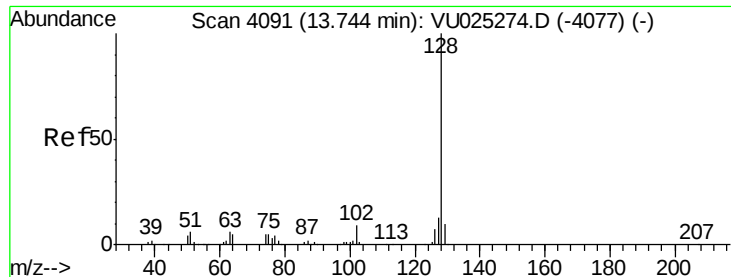
Tot Ion:117 Resp: 1075
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.37 ug/l
RT: 13.52 min Scan# 4022
Delta R.T. 0.02 min
Lab File: VU025341.D
Acq: 12 Jul 2018 15:55

Tgt Ion:180 Resp: 334
Ion Ratio Lower Upper
180 100
182 38.6 47.3 141.9#
145 72.5 14.9 44.7#





#95

Naphthalene

Concen: 2.51 ug/l

RT: 13.76 min Scan# 4096

Delta R.T. 0.02 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

SS038RW151-180709DL

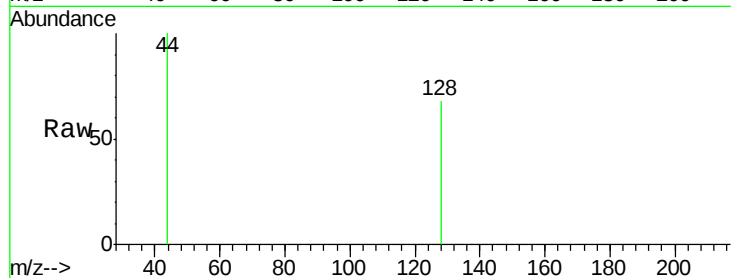
Tot Ion:128 Resp: 1198

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

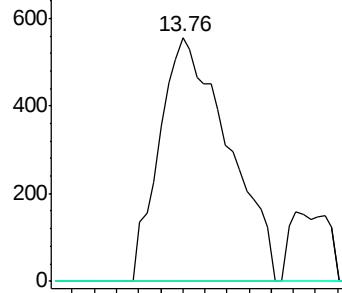
129 0.0 8.3 12.5#



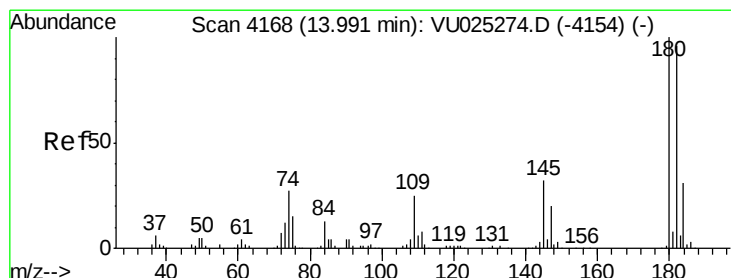
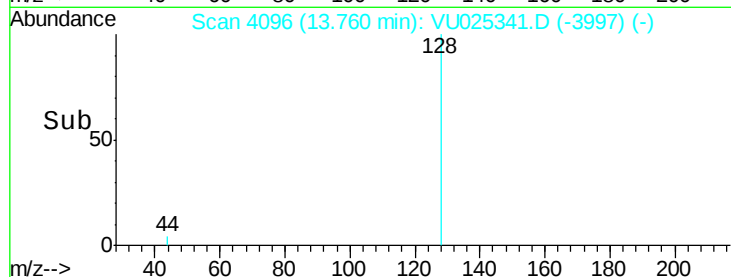
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.56 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025341.D

Acq: 12 Jul 2018 15:55

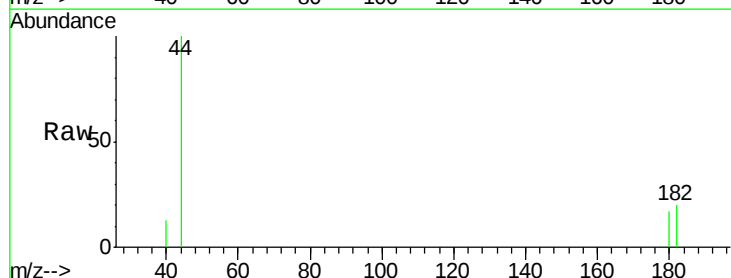
Tgt Ion:180 Resp: 125

Ion Ratio Lower Upper

180 100

182 226.4 47.8 143.3#

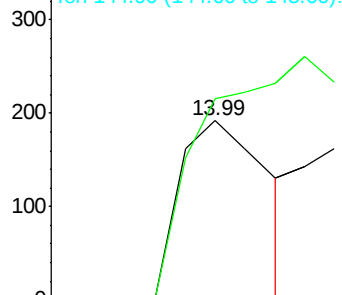
145 0.0 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

