

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025217.D
 Acq On : 05 Jul 2018 15:50
 Operator : MD/SY
 Sample : J3808-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

Quant Time: Jul 06 05:14:08 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	206823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311328	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	156198	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	4.89	113	121335	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	7.57	98	446573	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	10.31	95	163304	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	

Target Compounds

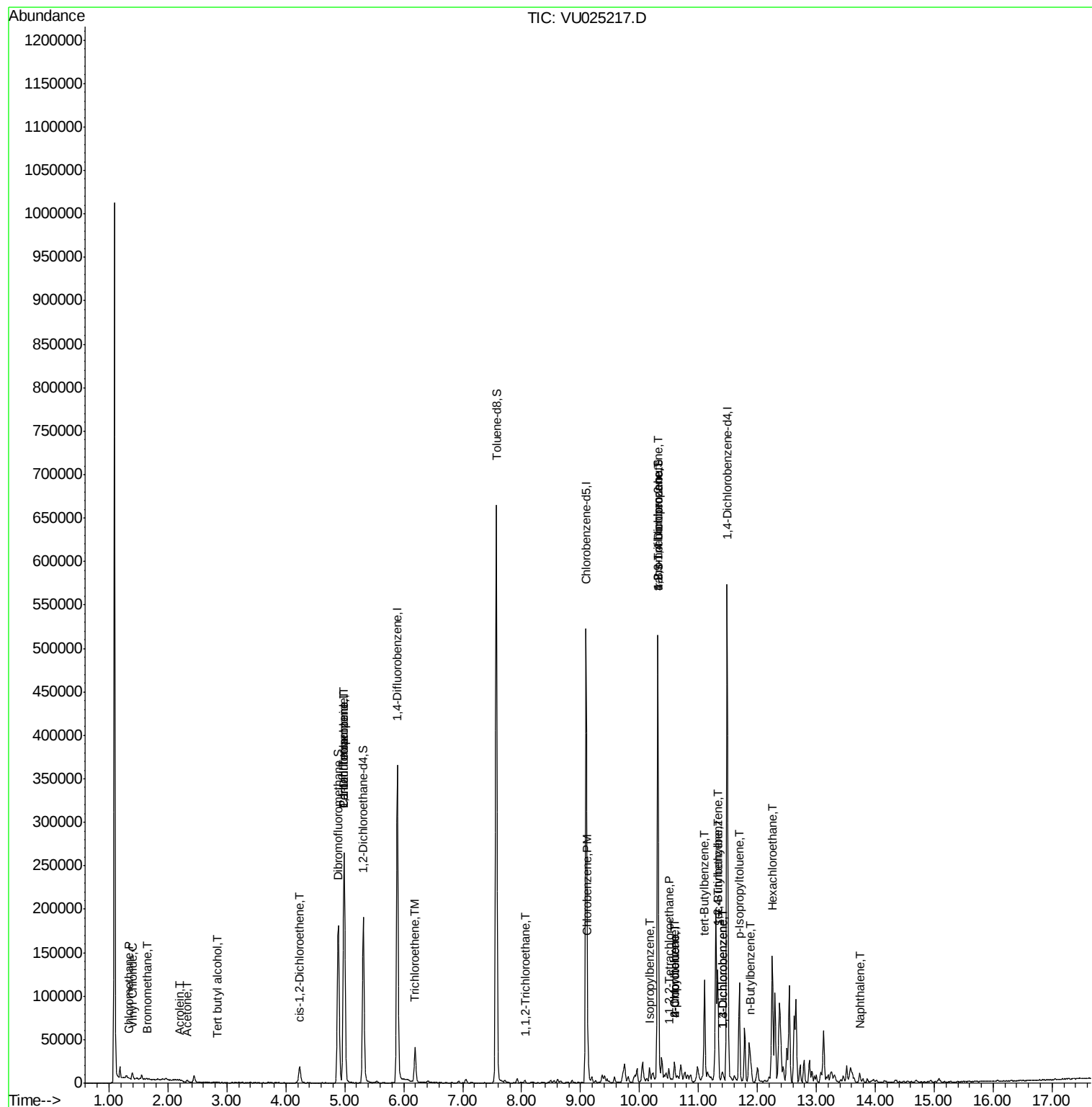
						Qvalue
3) Chloromethane	1.33	50	559	0.21	ug/l #	79
4) Vinyl Chloride	1.40	62	1067	0.39	ug/l	99
5) Bromomethane	1.64	94	483	0.37	ug/l #	73
6) Chloroethane	1.70	64	253	Below Cal	#	43
11) Tert butyl alcohol	2.83	59	543	0.66	ug/l #	72
13) Acrolein	2.20	56	98	0.23	ug/l	92
16) Acetone	2.32	43	2753	1.52	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	11025	3.70	ug/l	84
31) Cyclohexane	4.99	56	4050	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	14733	4.03	ug/l #	51
38) Carbon Tetrachloride	4.99	117	20254	5.03	ug/l #	16
44) Trichloroethene	6.19	130	14824	5.00	ug/l	90
55) 1,1,2-Trichloroethane	8.05	97	1249	0.46	ug/l #	14
65) Chlorobenzene	9.12	112	18832	2.57	ug/l	95
73) Isopropylbenzene	10.17	105	11631	1.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.49	83	867	0.22	ug/l #	25
76) 1,2,3-Trichloropropane	10.31	75	85676	25.88	ug/l #	36
78) n-propylbenzene	10.59	91	16966	1.25	ug/l	95
79) 2-Chlorotoluene	10.59	91	16966	2.12	ug/l #	41
81) trans-1,4-Dichloro-2-buten	10.31	75	85676	59.90	ug/l #	100
82) 4-Chlorotoluene	10.59	91	16966	1.82	ug/l #	45
83) tert-Butylbenzene	11.10	119	51922	5.39	ug/l	90
84) 1,2,4-Trimethylbenzene	11.33	105	83332	8.17	ug/l #	31
85) sec-Butylbenzene	11.33	105	83332	6.92	ug/l	95
86) p-Isopropyltoluene	11.69	119	61531	5.70	ug/l	94
87) 1,3-Dichlorobenzene	11.42	146	1924	0.36	ug/l	84
88) 1,4-Dichlorobenzene	11.42	146	1924	0.35	ug/l	83
89) n-Butylbenzene	11.89	91	10590	1.11	ug/l #	71
90) Hexachloroethane	12.26	117	7888	3.75	ug/l #	8
95) Naphthalene	13.74	128	2074	0.86	ug/l #	63

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

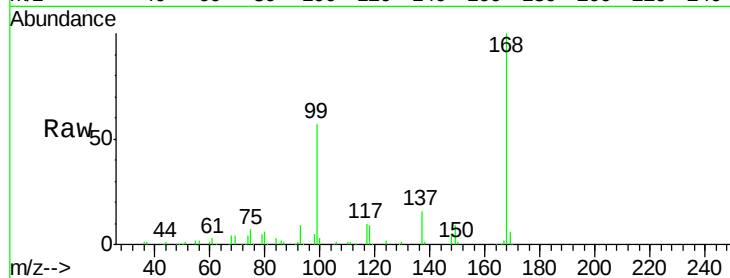
DUP-0473-180628

Tot Ion:168 Resp: 206823

Ion Ratio Lower Upper

168 100

99 57.5 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D

4.99

80000

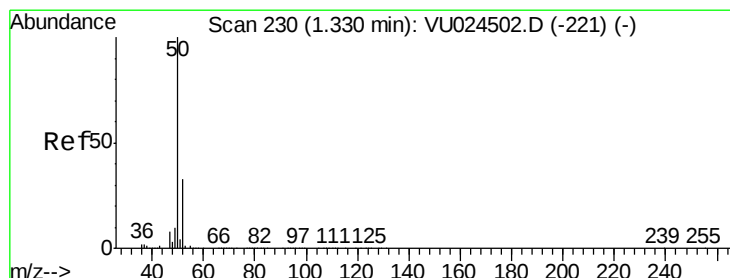
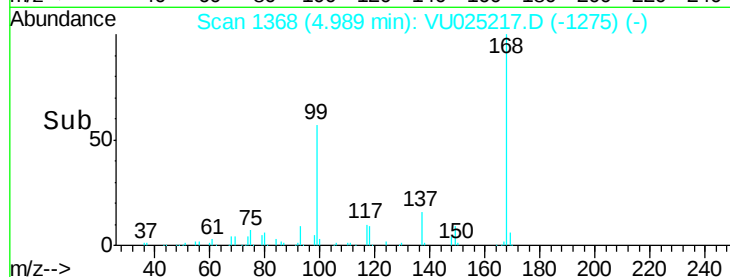
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025217.D

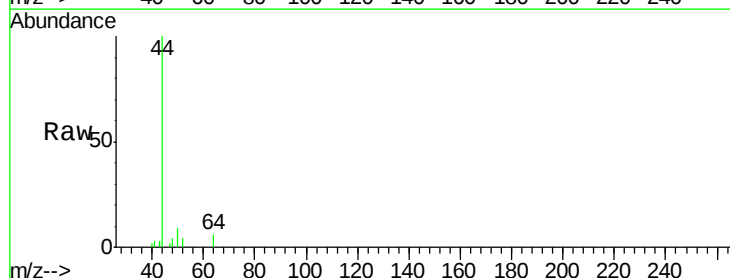
Acq: 05 Jul 2018 15:50

Tgt Ion: 50 Resp: 559

Ion Ratio Lower Upper

50 100

52 45.1 26.4 39.6#



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

Ion 51.90 (51.60 to 52.60): VU024502.D

1.33

500

400

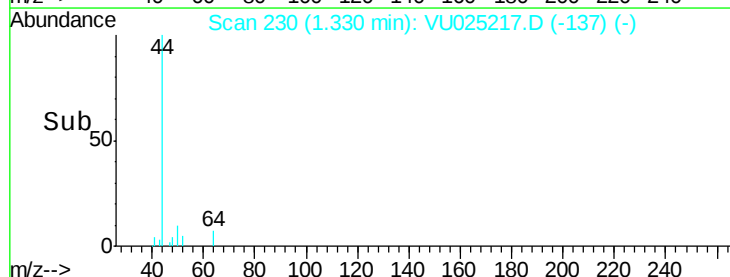
300

200

100

0

Time-->





#4

Vinyl Chloride

Concen: 0.39 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

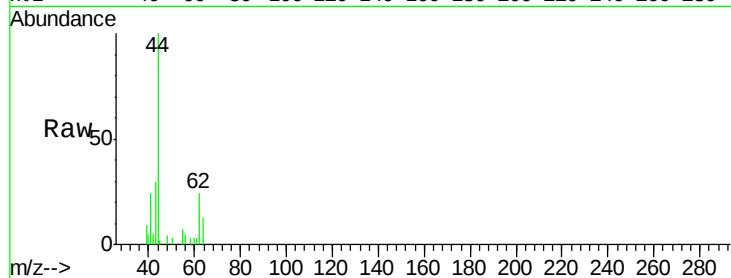
DUP-0473-180628

Tot Ion: 62 Resp: 1067

Ion Ratio Lower Upper

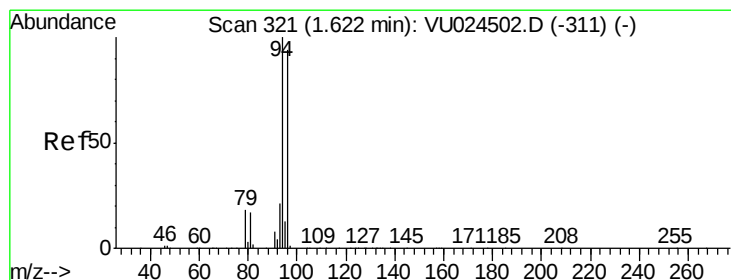
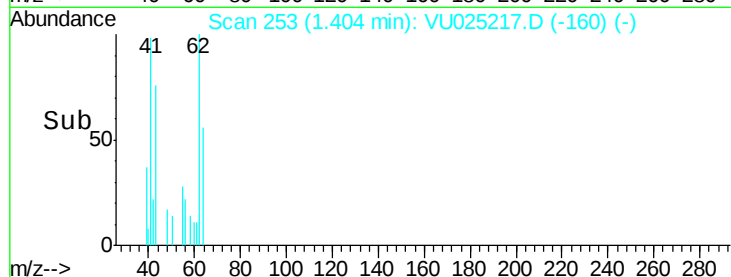
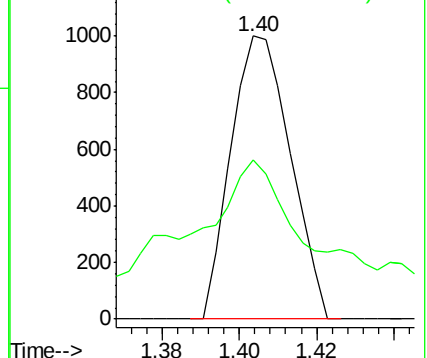
62 100

64 31.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: 0.37 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU025217.D

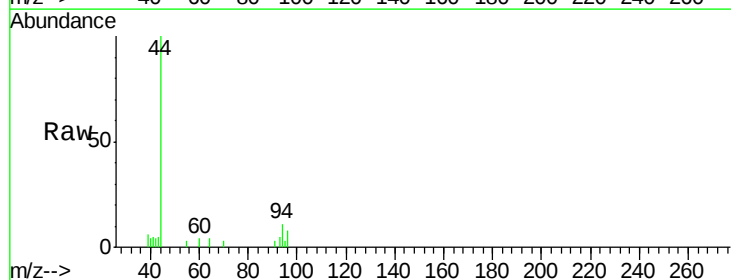
Acq: 05 Jul 2018 15:50

Tgt Ion: 94 Resp: 483

Ion Ratio Lower Upper

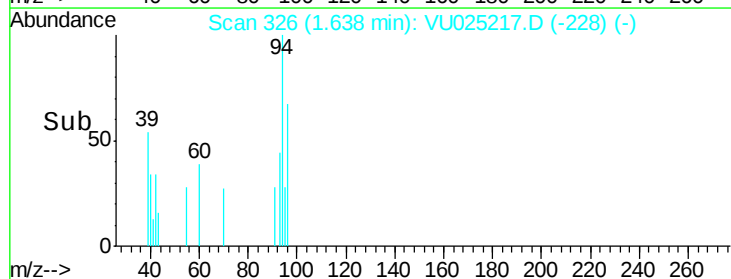
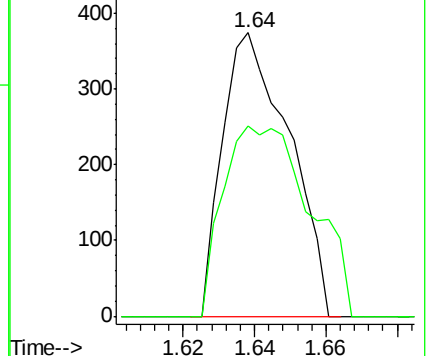
94 100

96 67.1 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

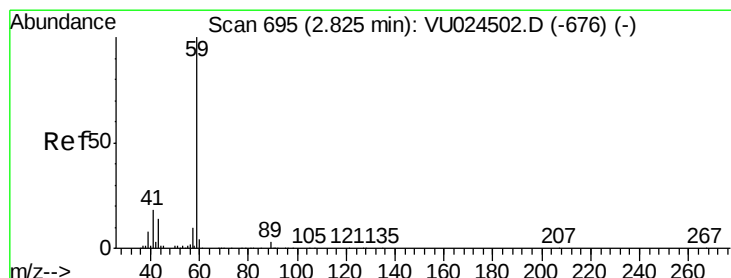
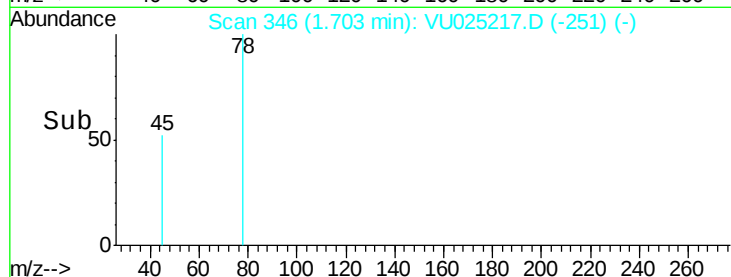
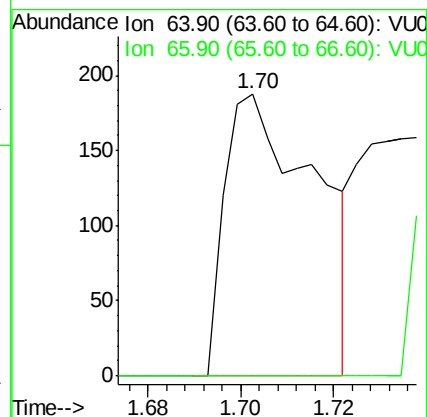
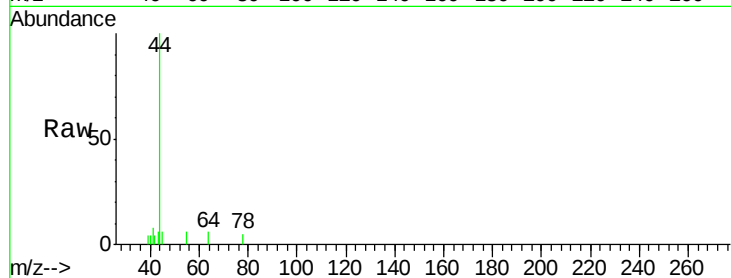
DUP-0473-180628

Tot Ion: 64 Resp: 253

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#11

Tert butyl alcohol

Concen: 0.66 ug/l

RT: 2.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VU025217.D

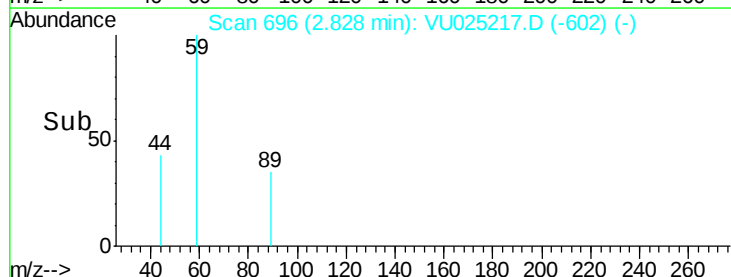
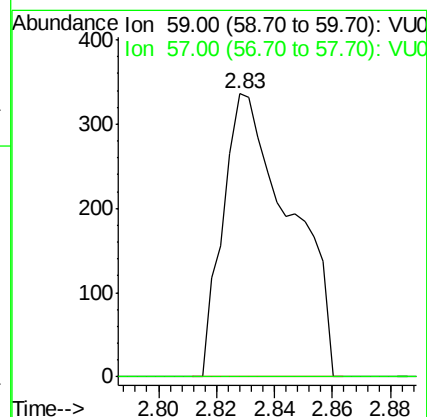
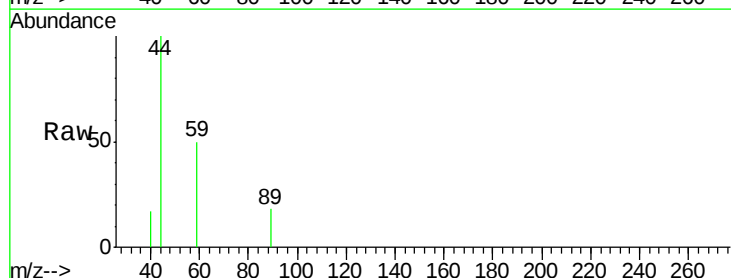
Acq: 05 Jul 2018 15:50

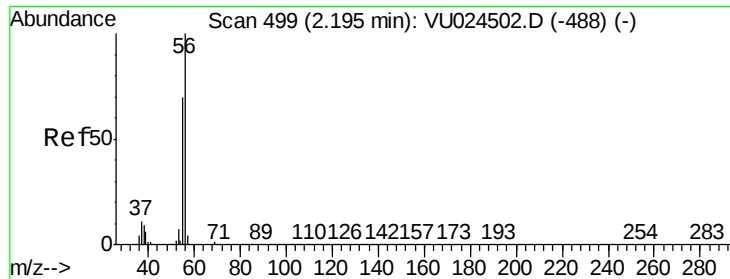
Tgt Ion: 59 Resp: 543

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

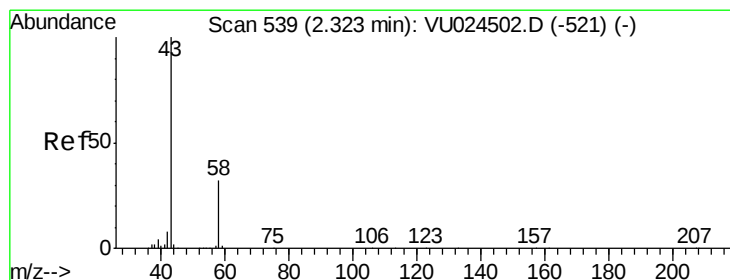
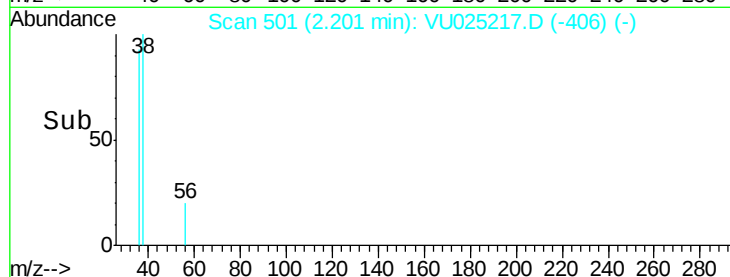
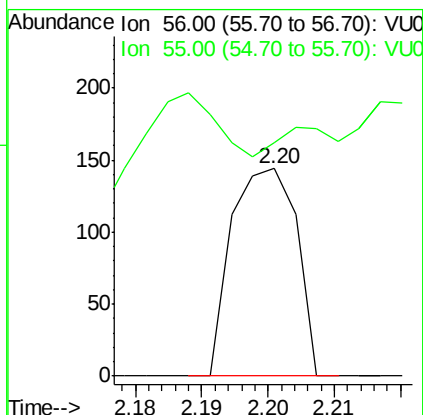
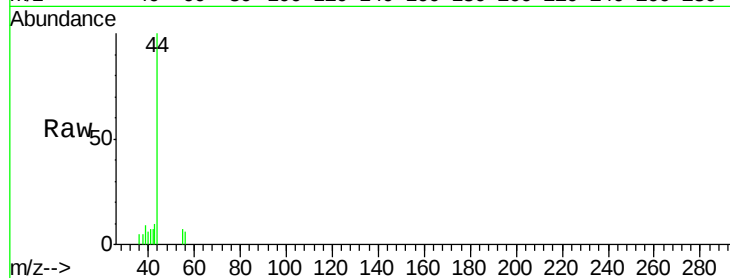




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

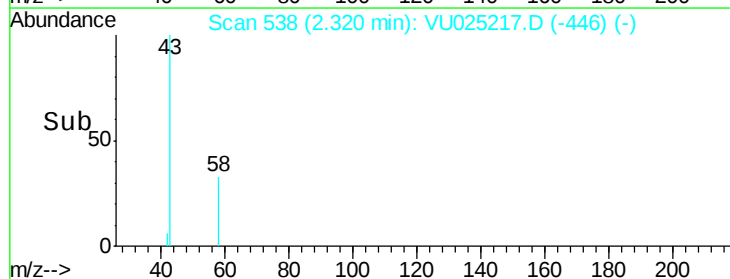
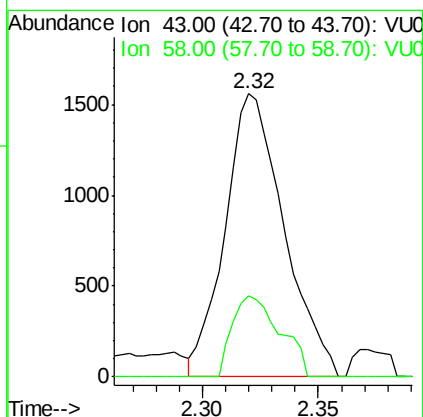
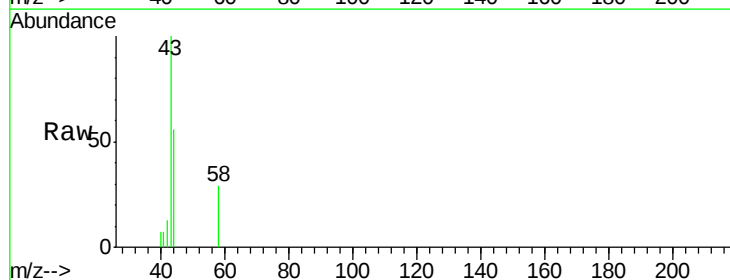
Instrument :
MSVOA_U
ClientSampleId :
DUP-0473-180628

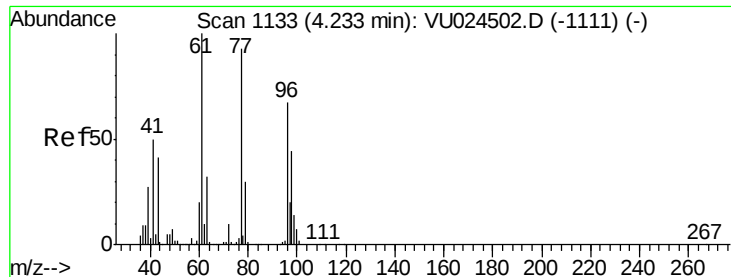
Tot Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 66.3 58.4 87.6



#16
Acetone
Concen: 1.52 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
58 28.7 24.4 36.6

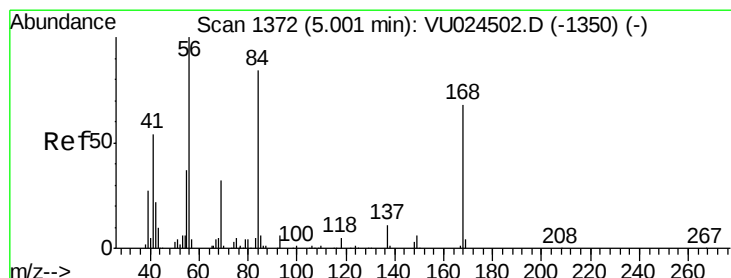
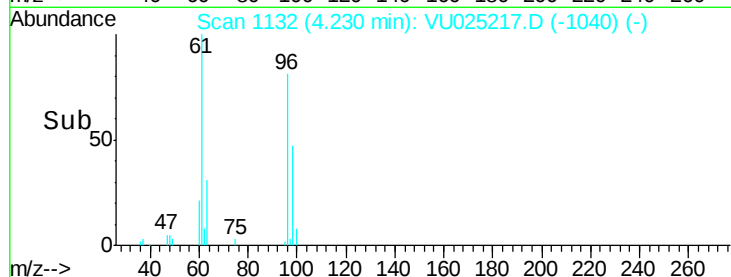
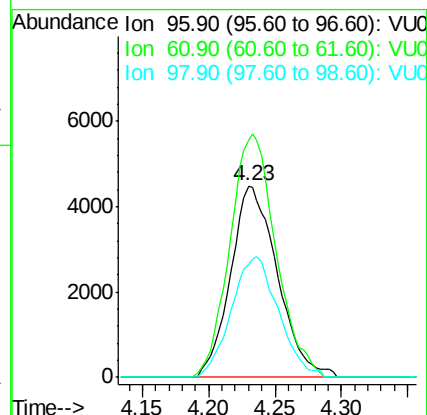
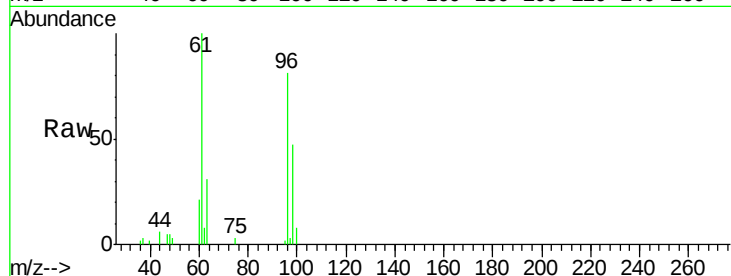




#27
 cis-1,2-Dichloroethene
 Concen: 3.70 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

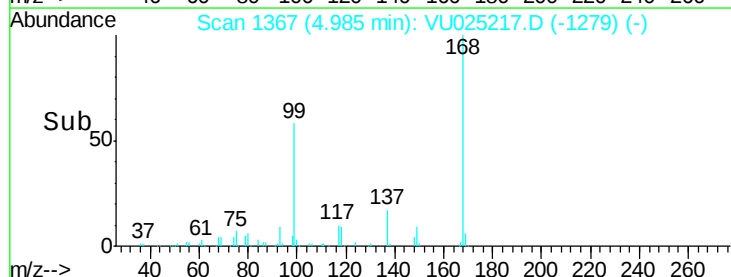
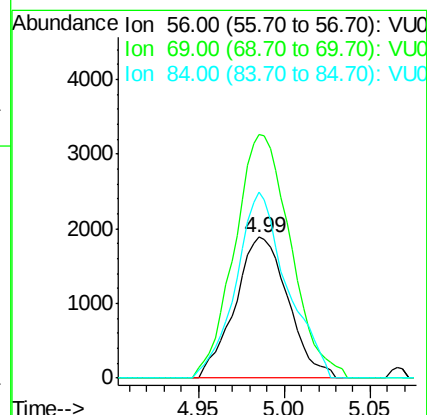
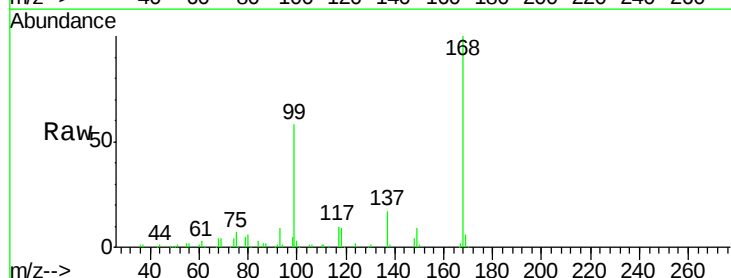
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	306.6
98	63.4	0.0	128.8



#31
 Cyclohexane
 Concen: Below Cal
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
56	100		
69	173.0	24.8	37.2#
84	131.9	65.2	97.8#





#33

1,2-Dichloroethane-d4

Concen: 46.26 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

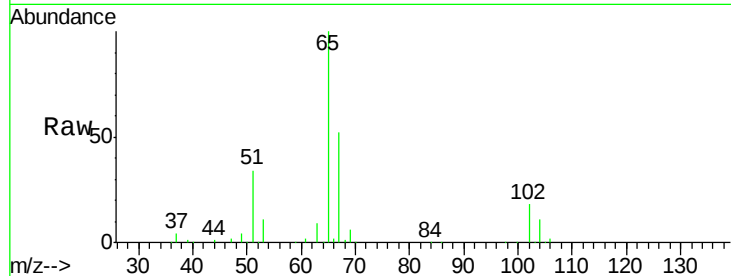
DUP-0473-180628

Tot Ion: 65 Resp: 156198

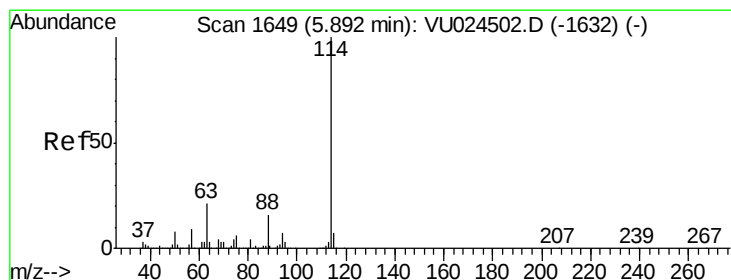
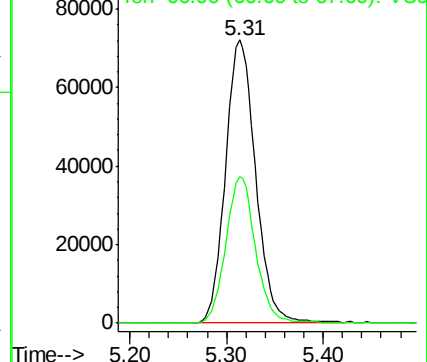
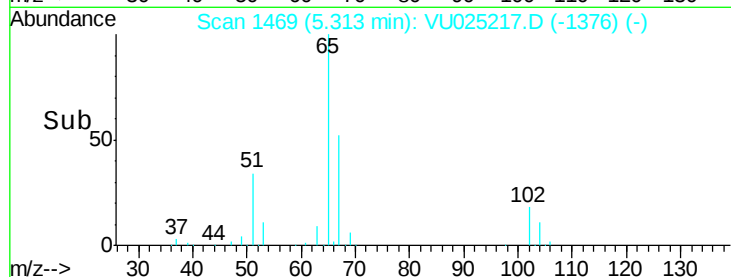
Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025217.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

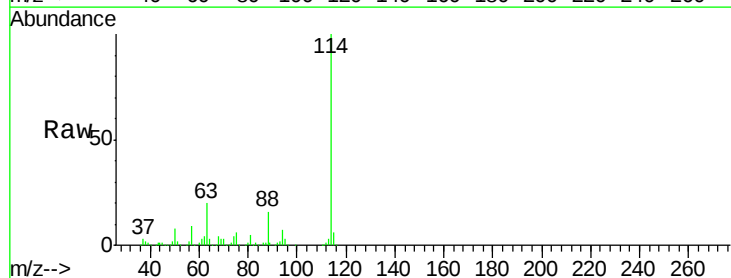
Tgt Ion: 114 Resp: 311328

Ion Ratio Lower Upper

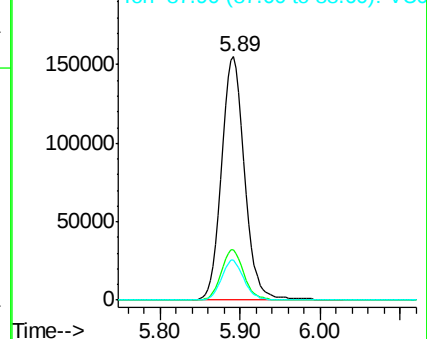
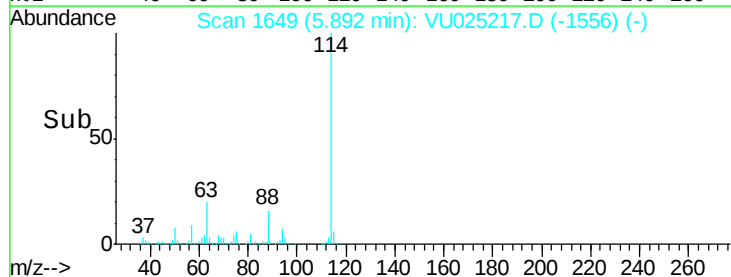
114 100

63 20.4 0.0 45.4

88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025217.D (-1556) (-)

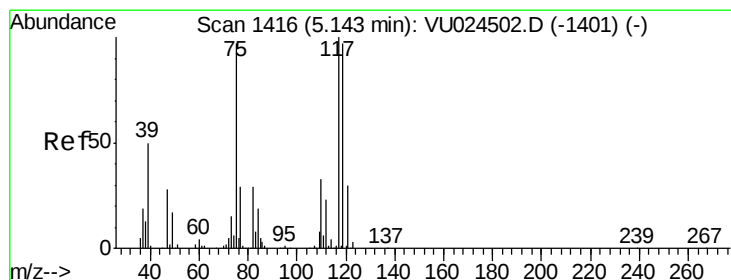
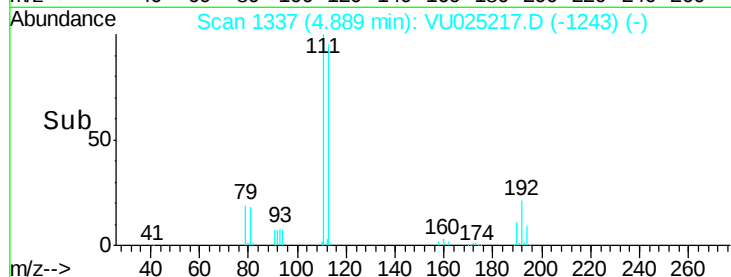
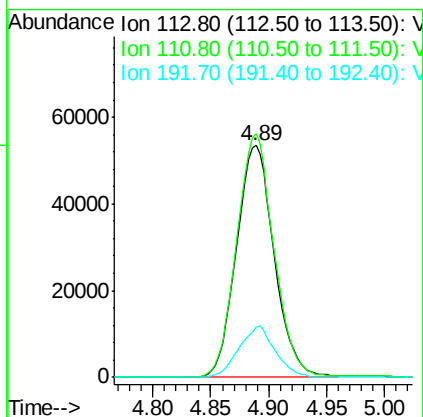
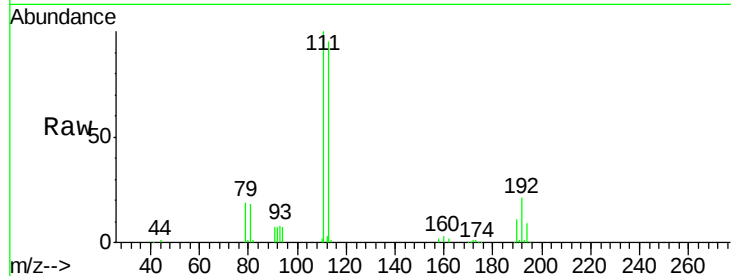




#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

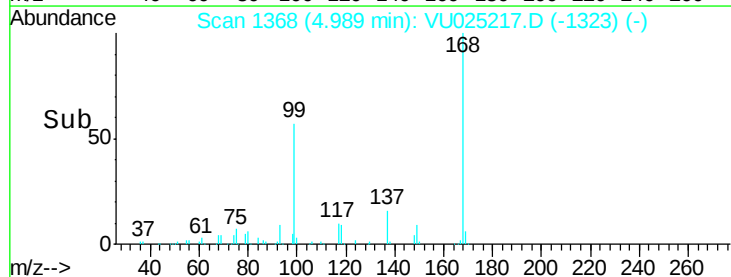
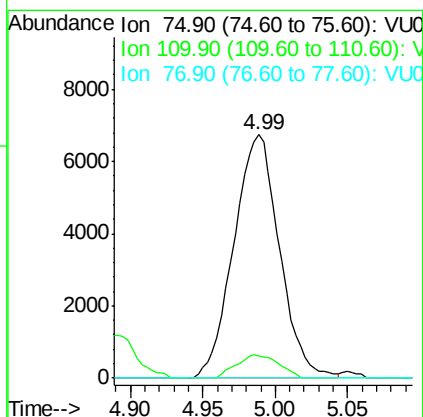
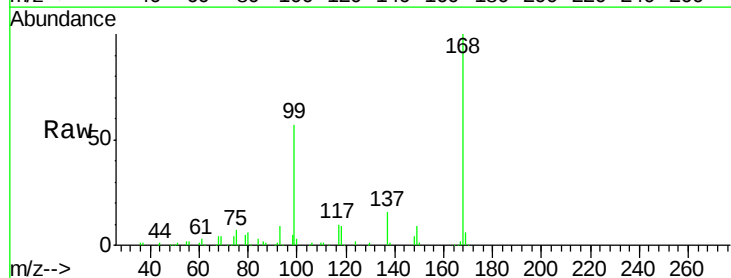
Instrument :
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 DUP-0473-180628

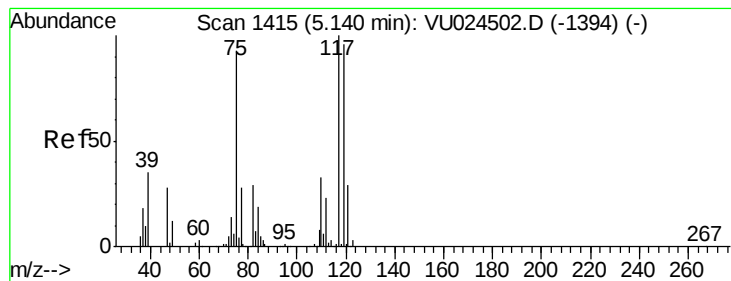
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	21.1	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.03 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.03 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

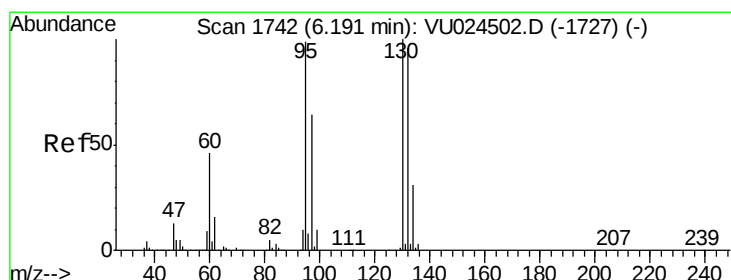
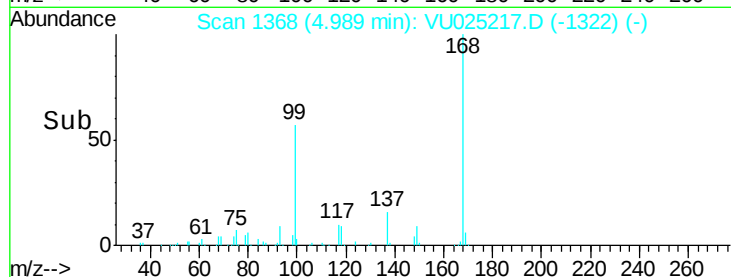
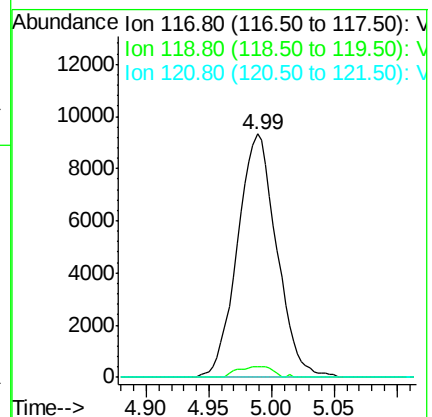
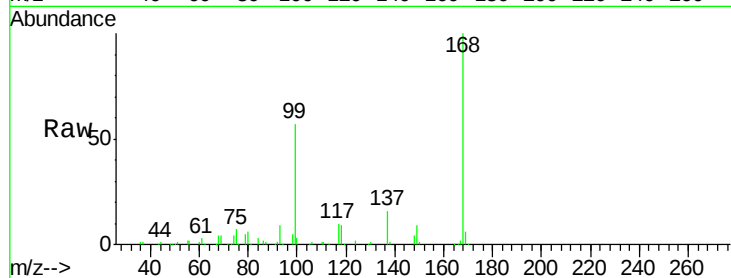
Tot Ion:117 Resp: 20254

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 23.7 35.5#



#44

Trichloroethene

Concen: 5.00 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025217.D

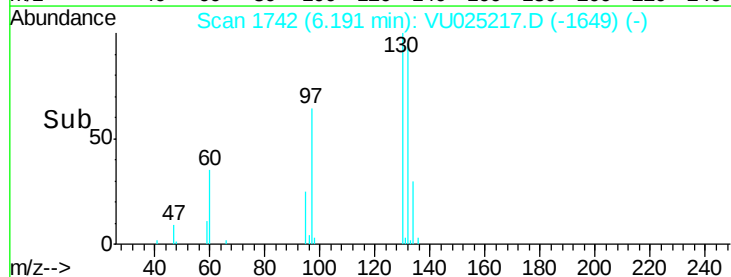
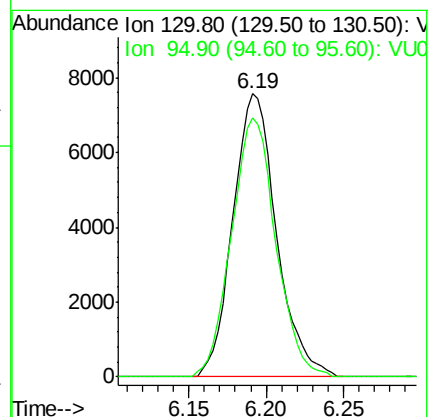
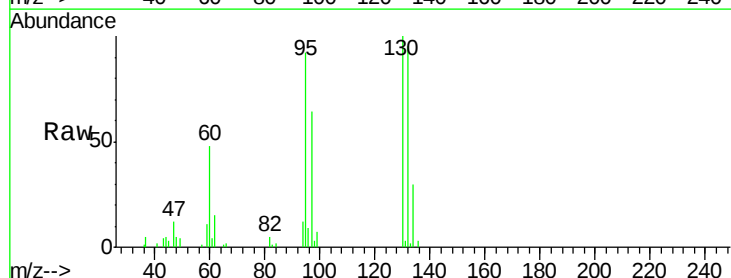
Acq: 05 Jul 2018 15:50

Tgt Ion:130 Resp: 14824

Ion Ratio Lower Upper

130 100

95 91.6 0.0 202.4





#50

Toluene-d8

Concen: 47.38 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

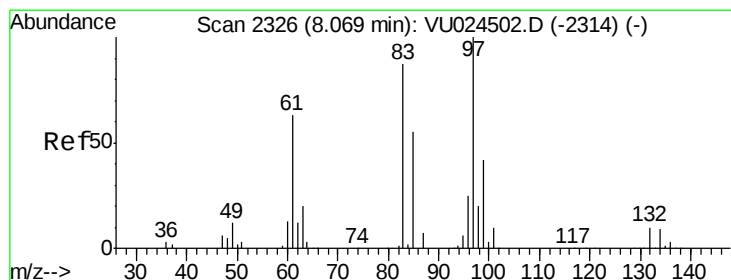
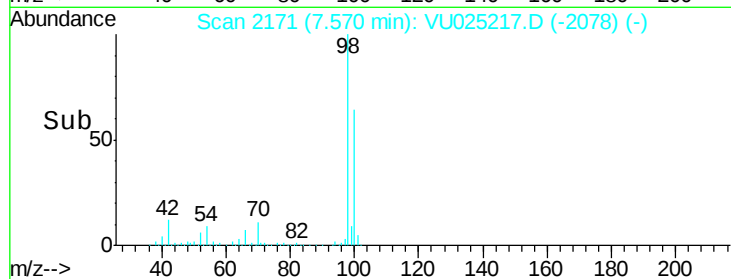
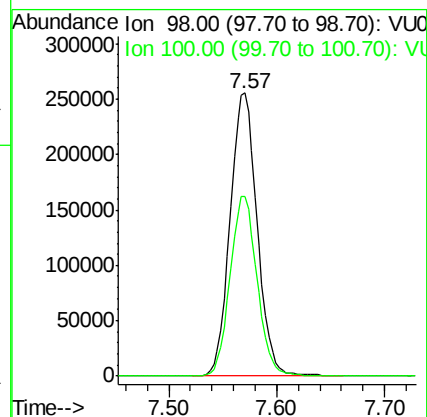
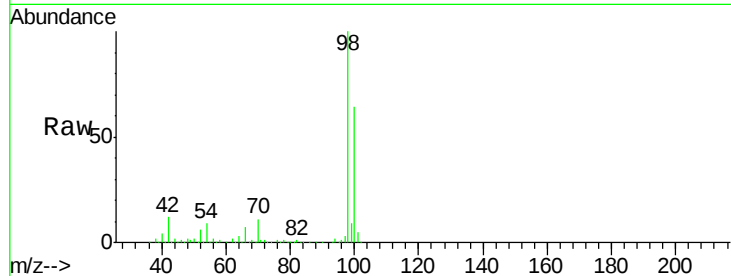
DUP-0473-180628

Tot Ion: 98 Resp: 446573

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#55

1,1,2-Trichloroethane

Concen: 0.46 ug/l

RT: 8.05 min Scan# 2321

Delta R.T. -0.02 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Tgt Ion: 97 Resp: 1249

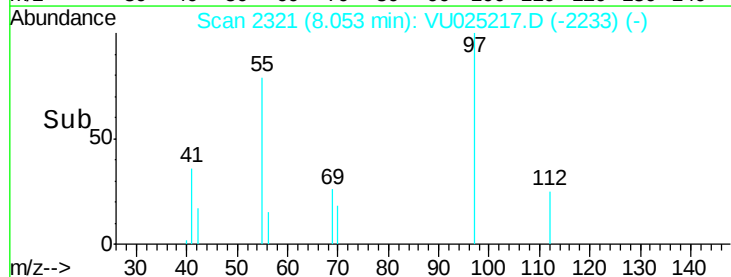
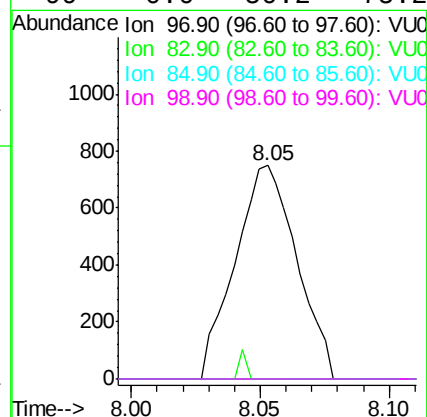
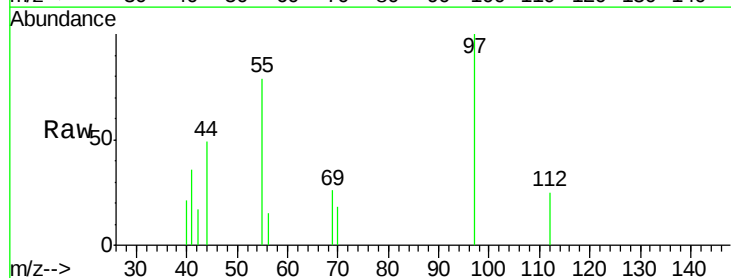
Ion Ratio Lower Upper

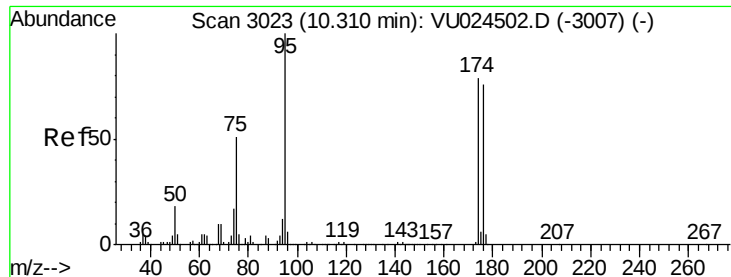
97 100

83 0.0 70.5 105.7#

85 0.0 46.4 69.6#

99 0.0 50.2 75.2#

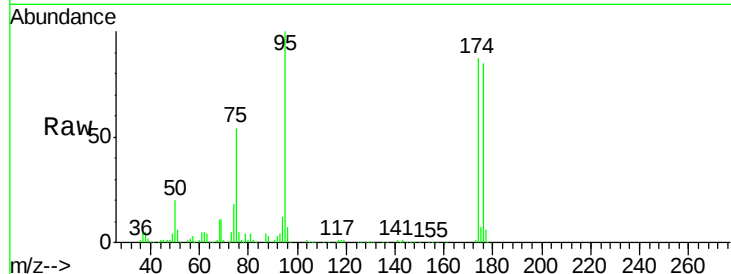




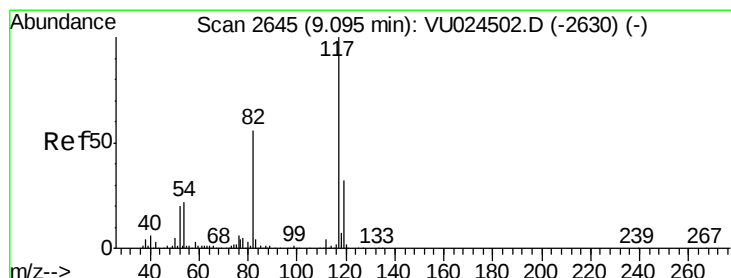
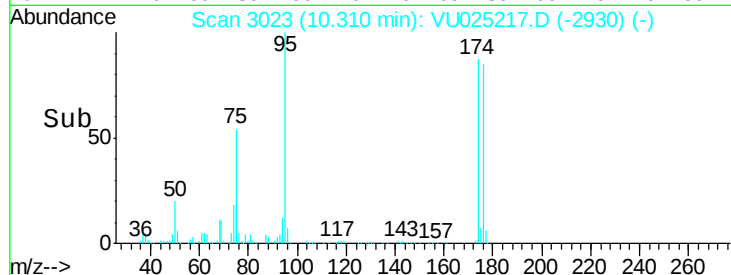
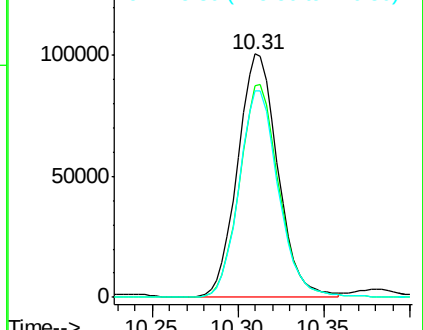
#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Instrument :
MSVOA_U
ClientSampleId :
DUP-0473-180628

Tot Ion: 95 Resp: 163304
Ion Ratio Lower Upper
95 100
174 85.3 0.0 165.8
176 83.5 0.0 159.4

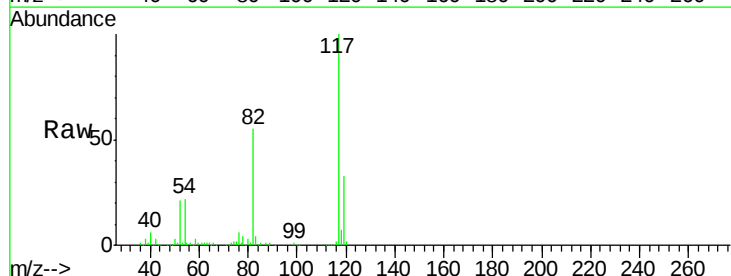


Abundance Ion 94.90 (94.60 to 95.60): VU025217.D (-2930) (-)
Ion 173.80 (173.50 to 174.50): VU025217.D (-2930) (-)
Ion 175.80 (175.50 to 176.50): VU025217.D (-2930) (-)

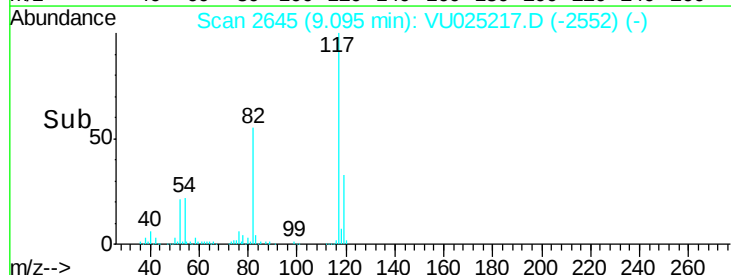
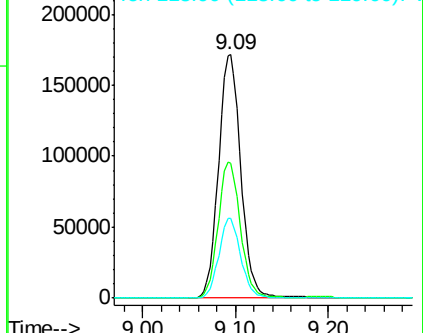


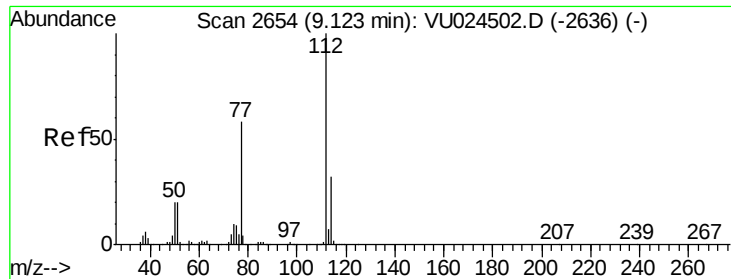
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025217.D
Acq: 05 Jul 2018 15:50

Tgt Ion: 117 Resp: 286453
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VU025217.D (-2552) (-)
Ion 82.00 (81.70 to 82.70): VU025217.D (-2552) (-)
Ion 118.90 (118.60 to 119.60): VU025217.D (-2552) (-)





#65

Chlorobenzene

Concen: 2.57 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

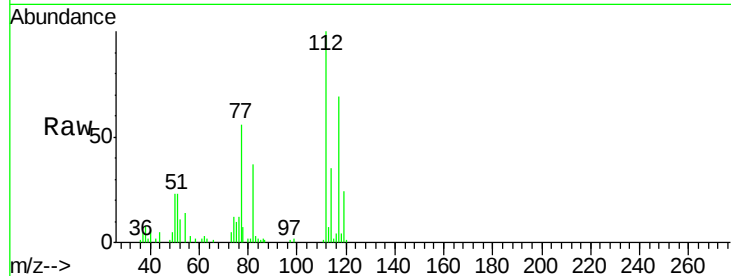
DUP-0473-180628

Tot Ion:112 Resp: 18832

Ion Ratio Lower Upper

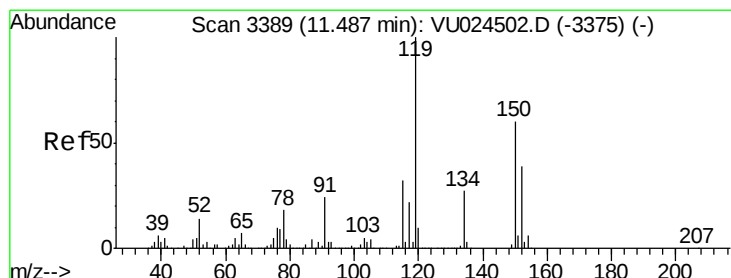
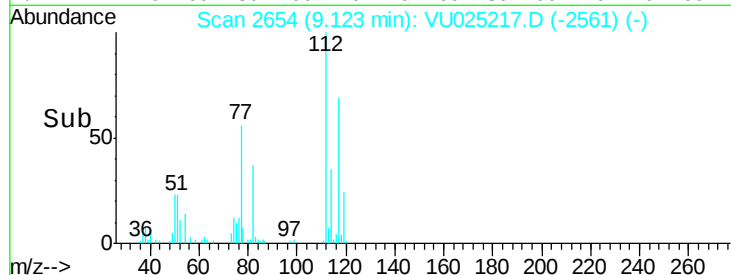
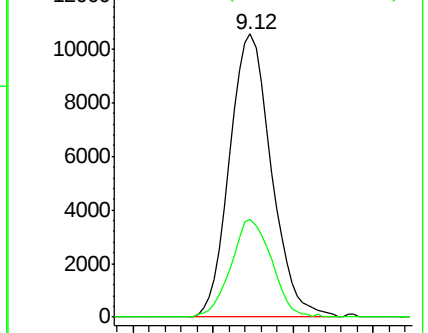
112 100

114 34.6 25.6 38.4



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: VU025217.D

Acq: 05 Jul 2018 15:50

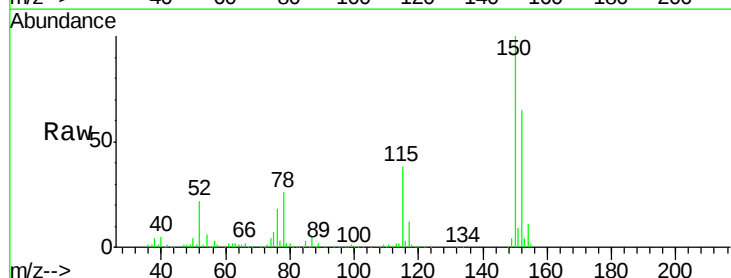
Tgt Ion:152 Resp: 150371

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

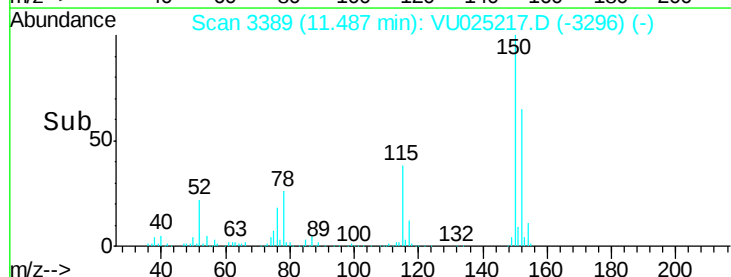
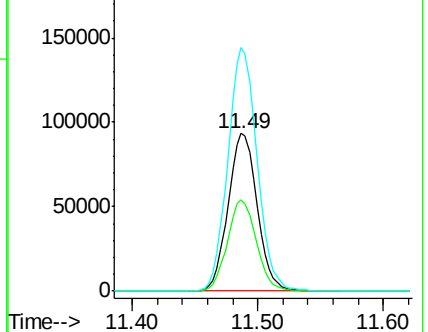
150 155.1 0.0 354.0

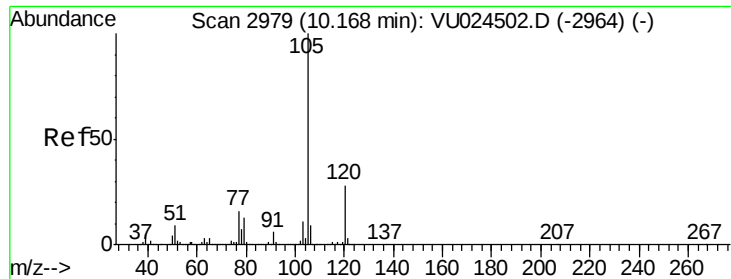


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.01 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

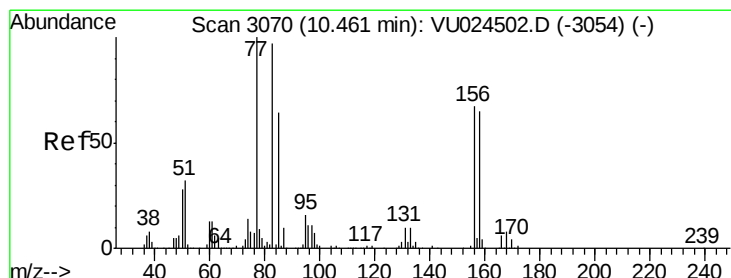
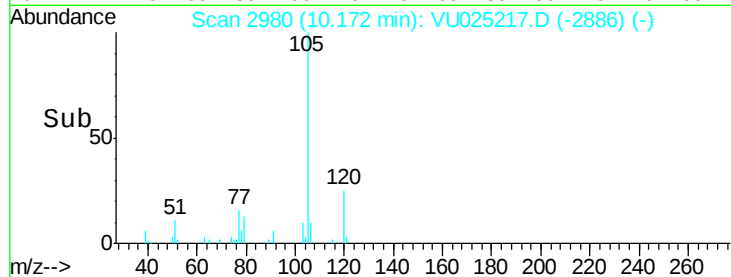
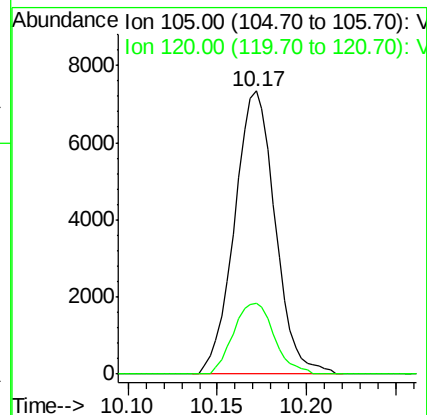
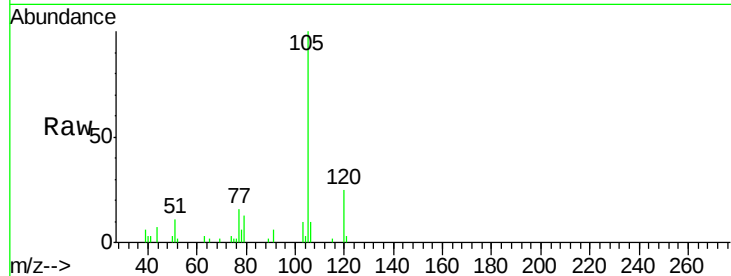
DUP-0473-180628

Tot Ion:105 Resp: 11631

Ion Ratio Lower Upper

105 100

120 25.3 13.2 39.6



#75

1,1,2,2-Tetrachloroethane

Concen: 0.22 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

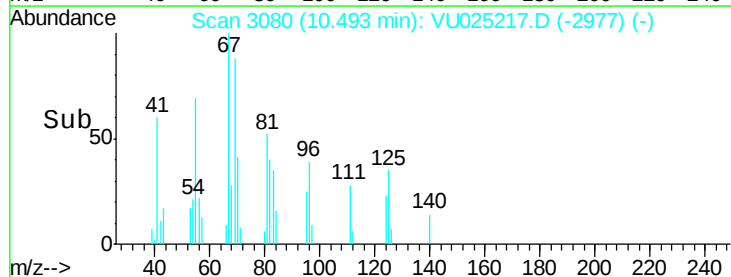
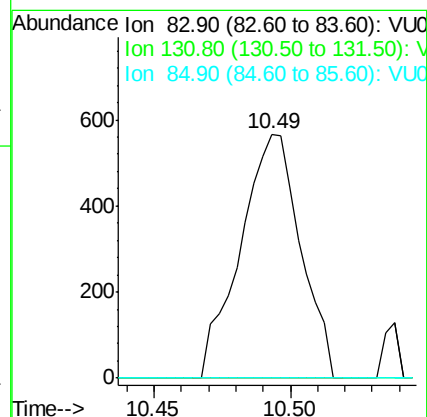
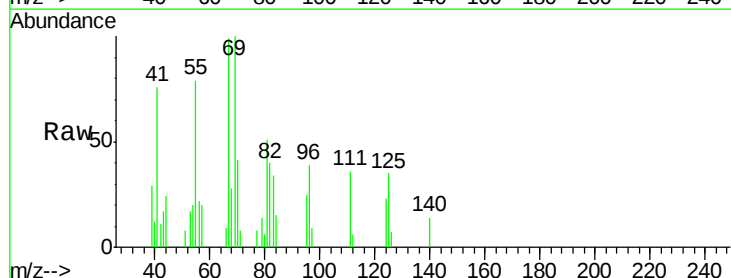
Tgt Ion: 83 Resp: 867

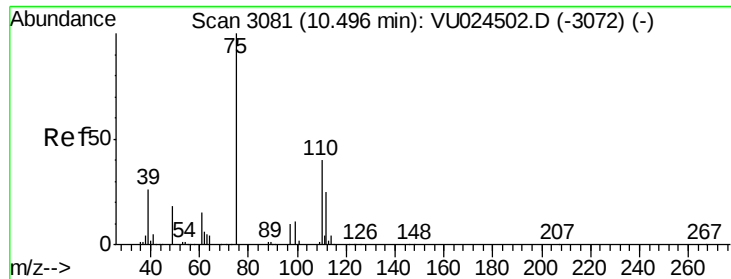
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.5 97.5#

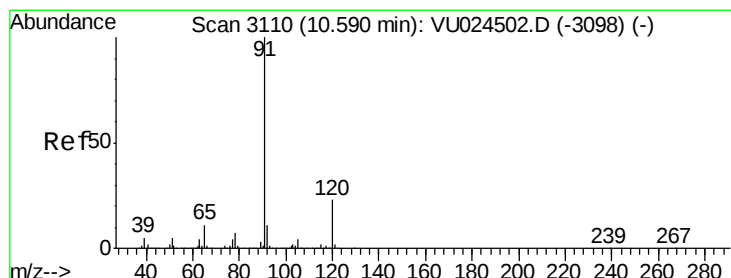
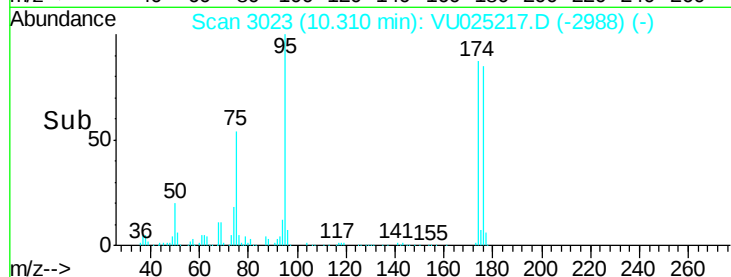
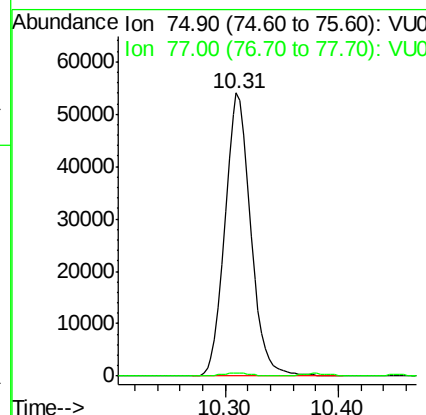
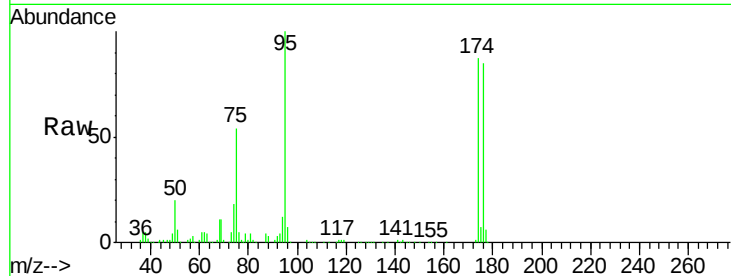




#76
 1,2,3-Trichloropropane
 Concen: 25.88 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

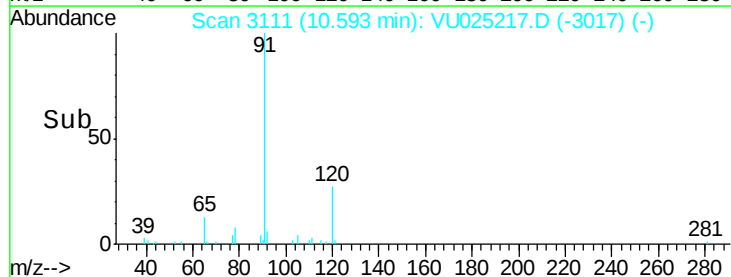
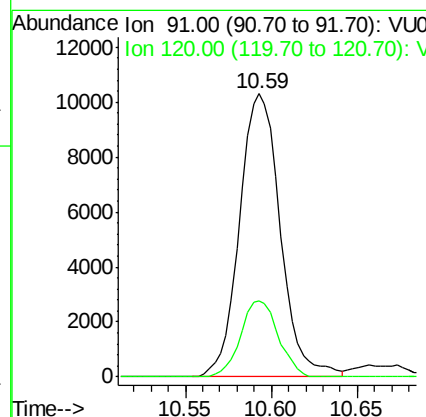
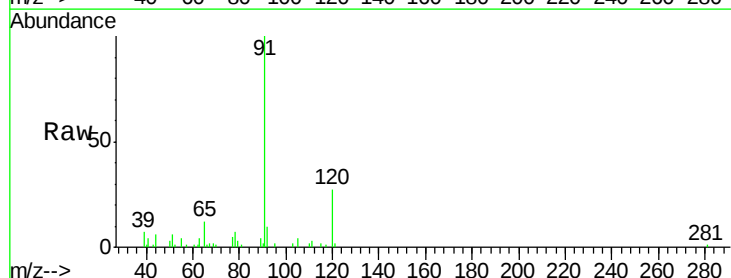
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

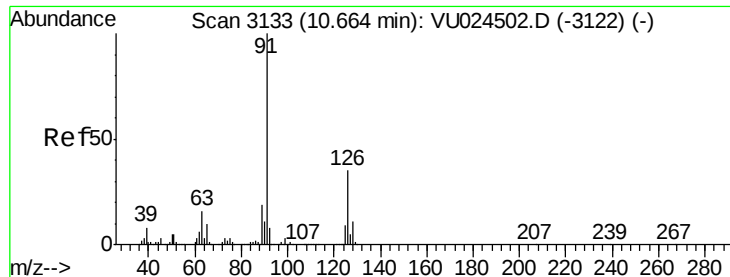
Tot Ion: 75 Resp: 85676
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.7#



#78
 n-propylbenzene
 Concen: 1.25 ug/l
 RT: 10.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

Tgt Ion: 91 Resp: 16966
 Ion Ratio Lower Upper
 91 100
 120 24.6 11.2 33.5





#79

2-Chlorotoluene

Concen: 2.12 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. -0.07 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

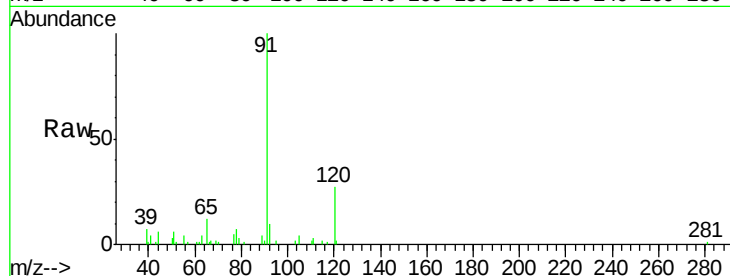
DUP-0473-180628

Tot Ion: 91 Resp: 16966

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#

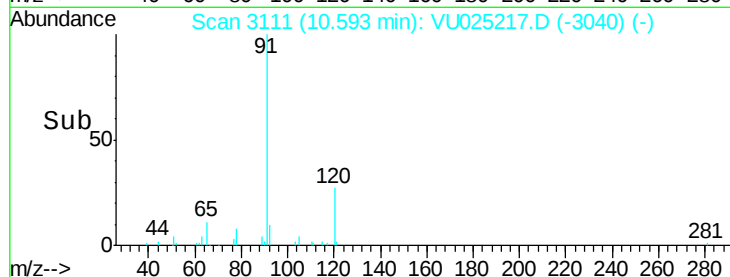


Abundance Ion 91.00 (90.70 to 91.70): VU025217.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025217.D (-3122) (-)

10.59

Time-->



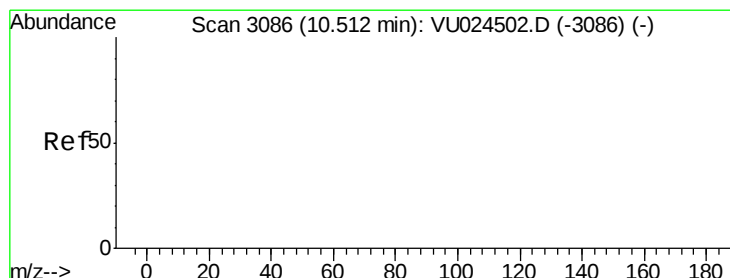
Abundance

Ion 91.00 (90.70 to 91.70): VU025217.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025217.D (-3122) (-)

10.59

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.90 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

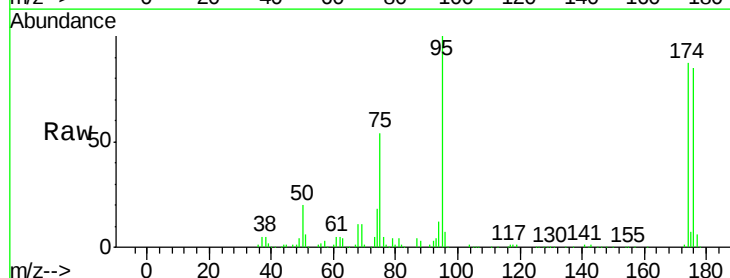
Tgt Ion: 75 Resp: 85676

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



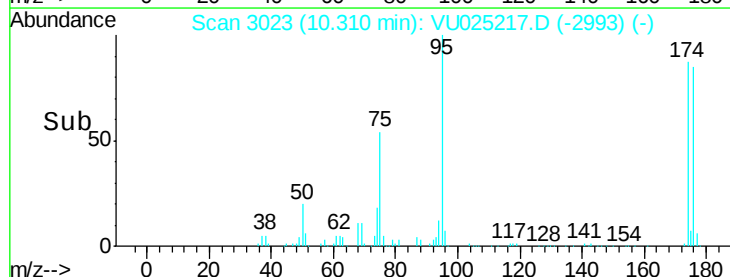
Abundance Ion 74.90 (74.60 to 75.60): VU025217.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU025217.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU025217.D (-2993) (-)

10.31

Time-->



Abundance

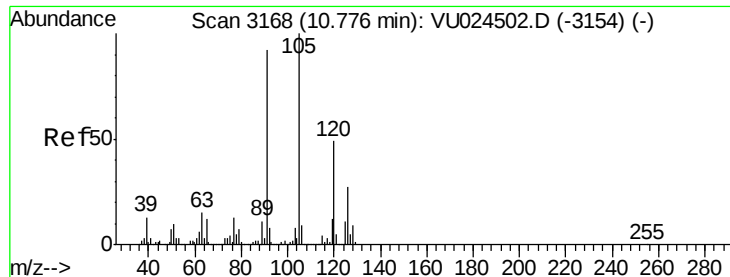
Ion 74.90 (74.60 to 75.60): VU025217.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU025217.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU025217.D (-2993) (-)

10.31

Time-->



#82

4-Chlorotoluene

Concen: 1.82 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. -0.18 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

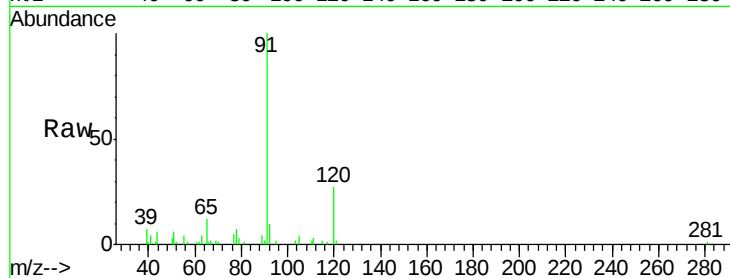
DUP-0473-180628

Tot Ion: 91 Resp: 16966

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VU025217.D (-3111) (-)

Ion 125.90 (125.60 to 126.60): VU025217.D (-3111) (-)

10.59

12000

10000

8000

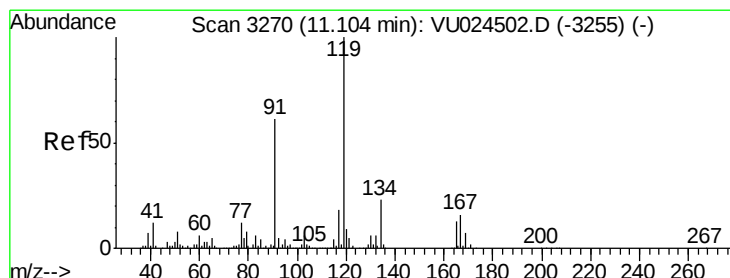
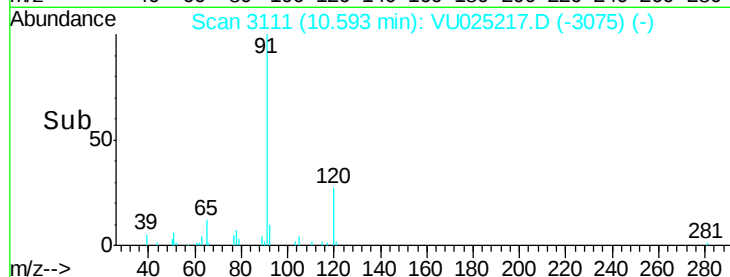
6000

4000

2000

0

Time-->



#83

tert-Butylbenzene

Concen: 5.39 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

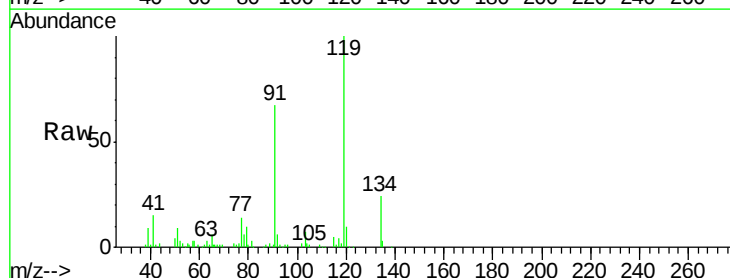
Tgt Ion: 119 Resp: 51922

Ion Ratio Lower Upper

119 100

91 69.0 29.7 89.1

134 24.5 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): VU025217.D (-3270) (-)

Ion 91.00 (90.70 to 91.70): VU025217.D (-3270) (-)

Ion 134.00 (133.70 to 134.70): VU025217.D (-3270) (-)

11.10

40000

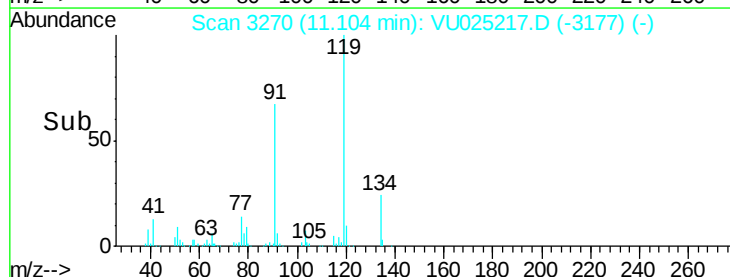
30000

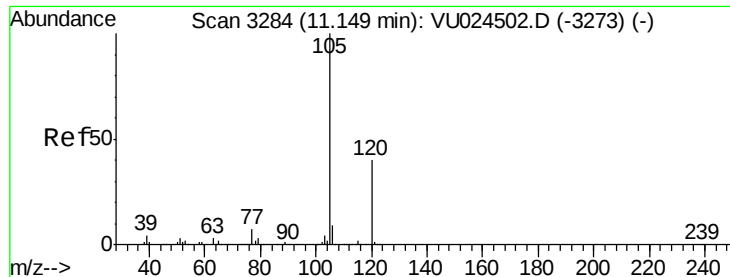
20000

10000

0

Time-->

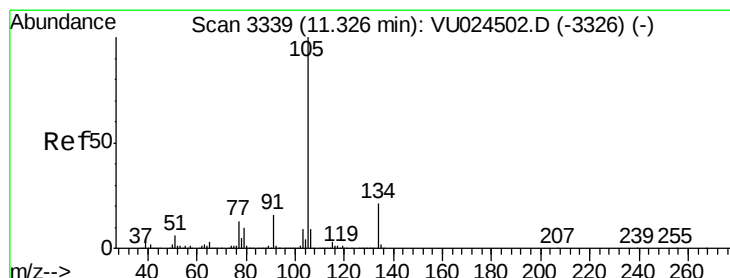
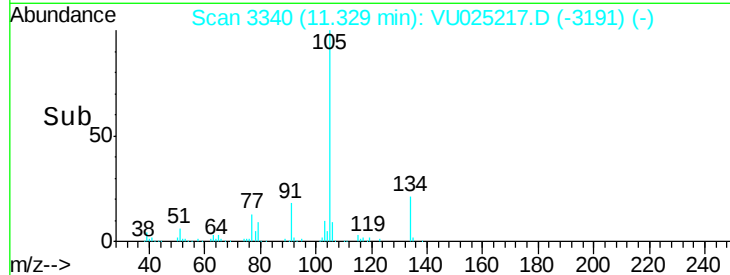
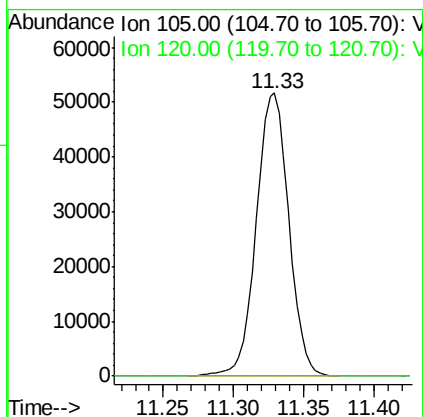
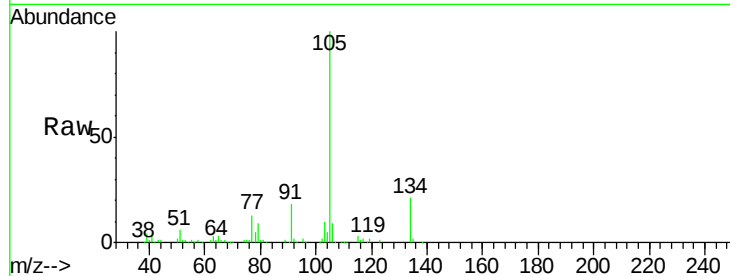




#84
 1,2,4-Trimethylbenzene
 Concen: 8.17 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.18 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

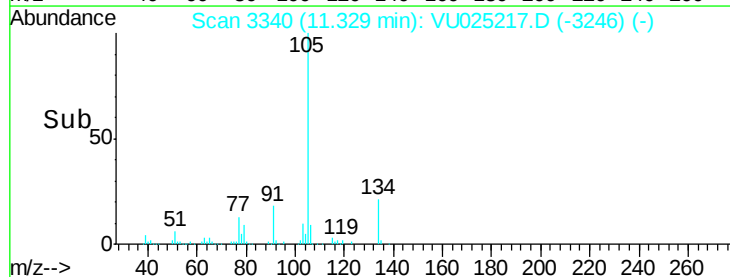
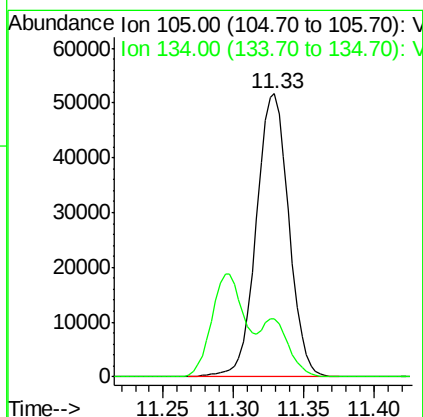
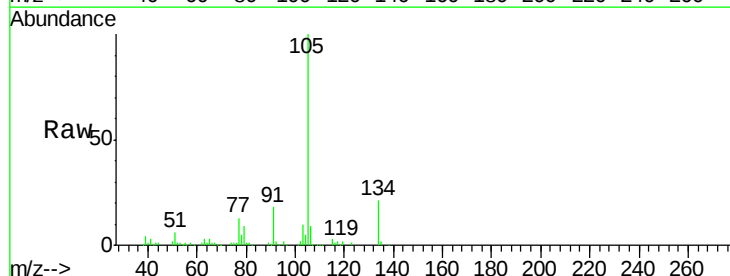
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

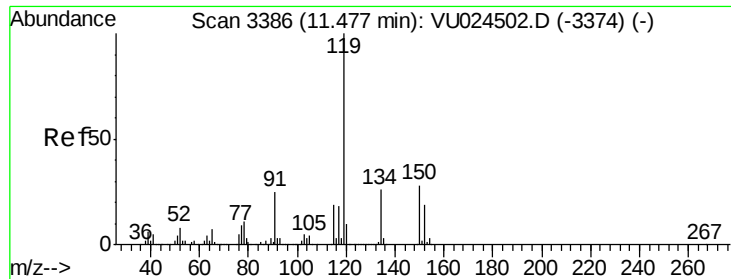
Tot Ion:105 Resp: 83332
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.6 67.8#



#85
 sec-Butylbenzene
 Concen: 6.92 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

Tgt Ion:105 Resp: 83332
 Ion Ratio Lower Upper
 105 100
 134 17.1 9.7 29.1

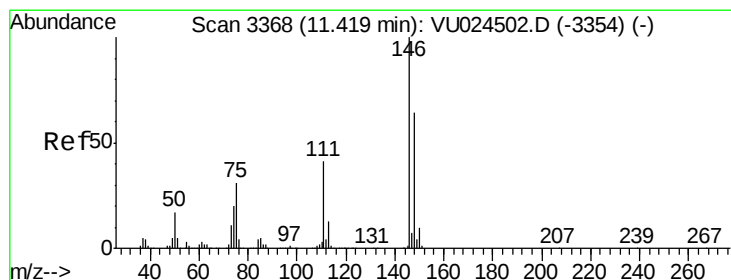
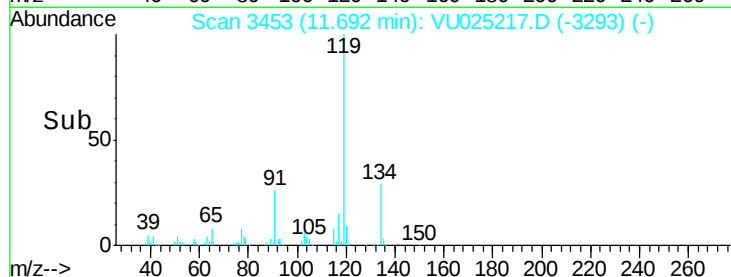
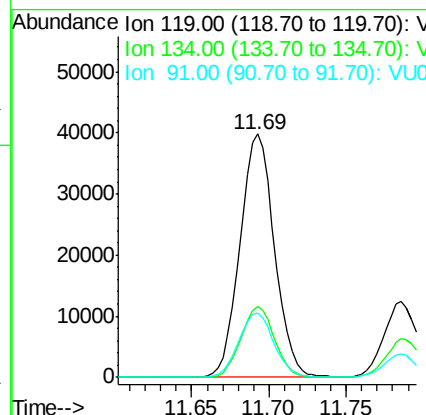
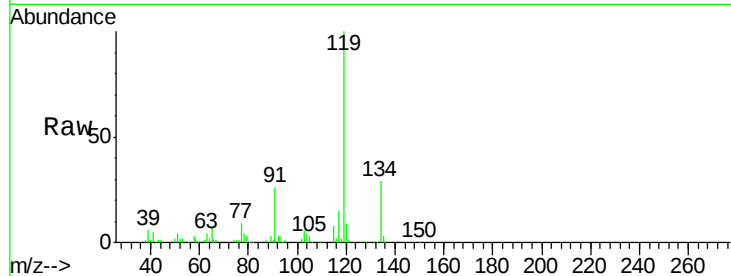




#86
 p-Isopropyltoluene
 Concen: 5.70 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

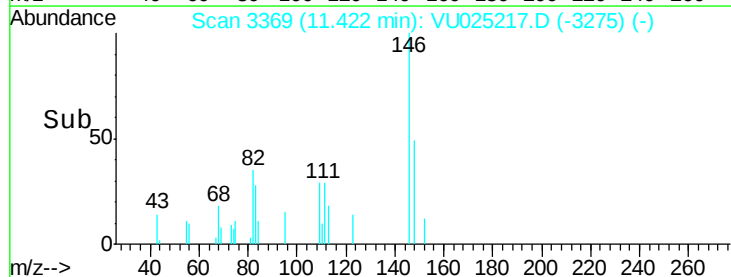
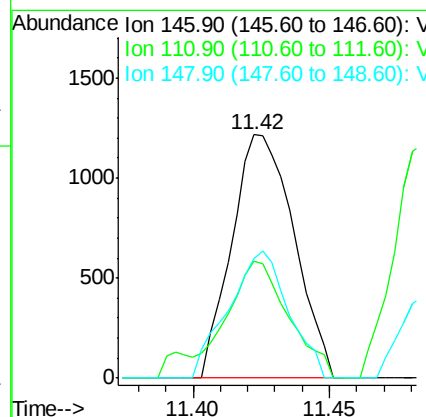
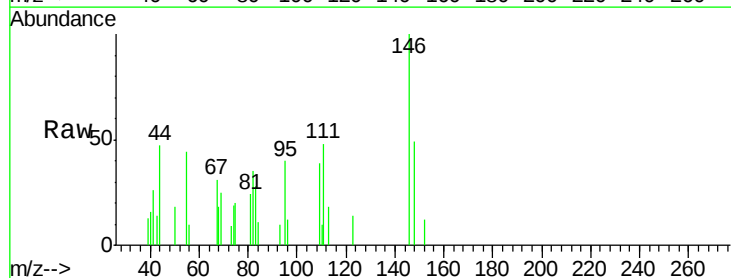
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

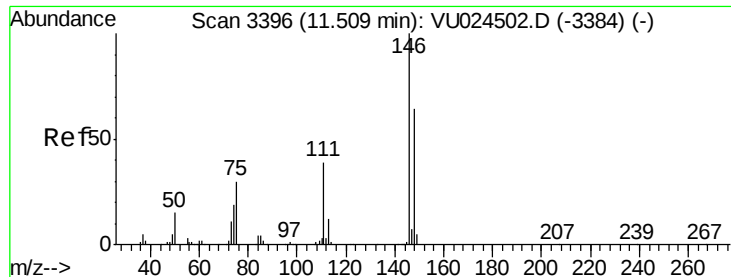
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.6
91	27.2	12.0	36.1



#87
 1,3-Dichlorobenzene
 Concen: 0.36 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.5	20.0	60.0
148	50.4	32.1	96.5

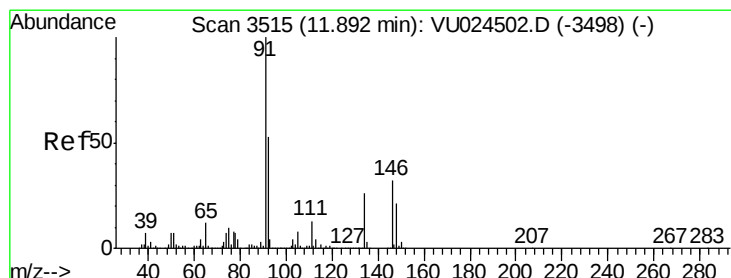
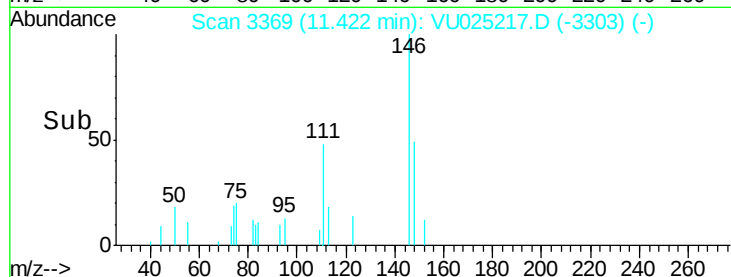
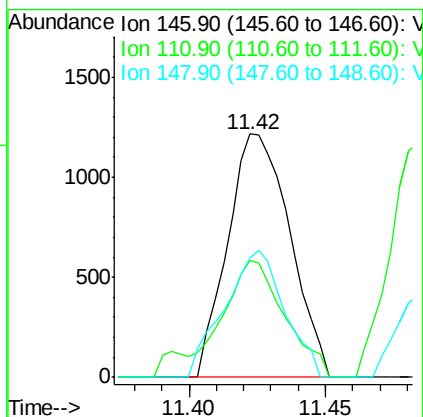
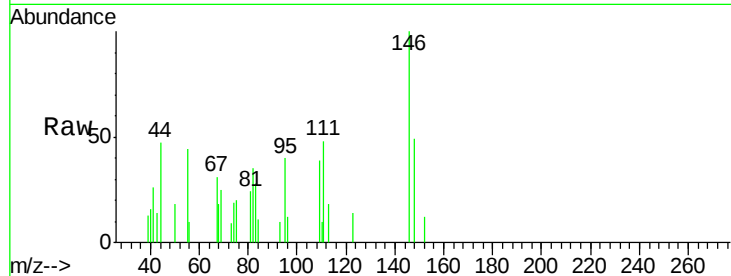




#88
 1,4-Dichlorobenzene
 Concen: 0.35 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. -0.09 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

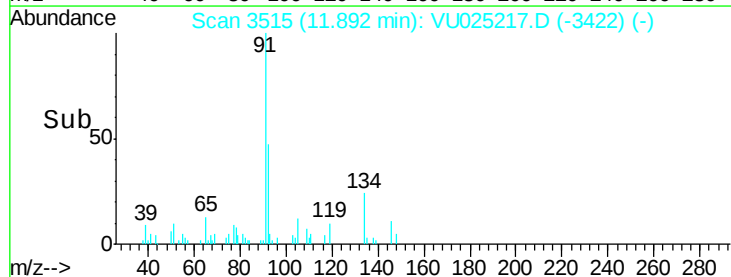
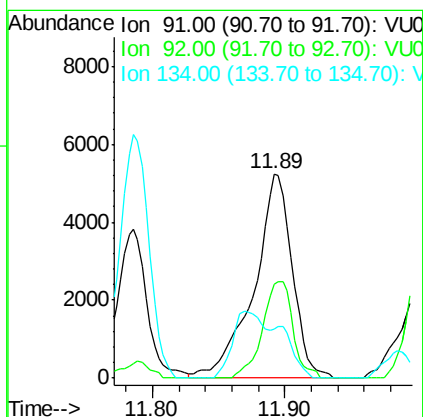
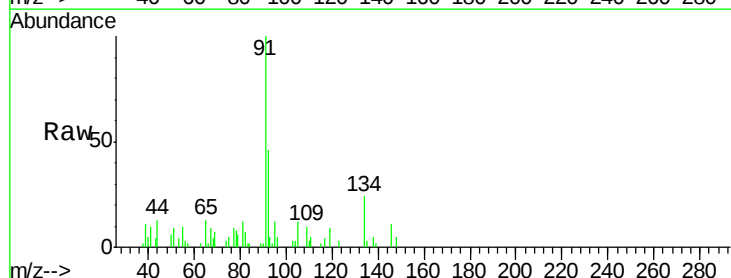
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

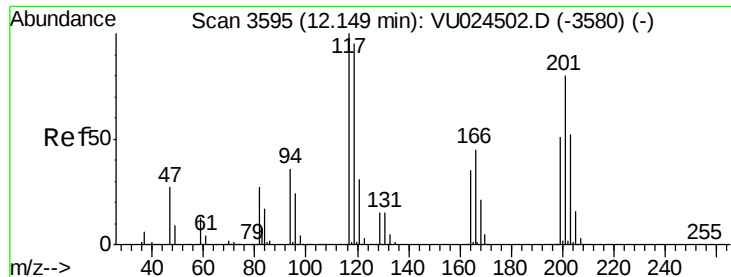
Tot Ion:146 Resp: 1924
 Ion Ratio Lower Upper
 146 100
 111 47.5 19.5 58.5
 148 50.4 32.4 97.0



#89
 n-Butylbenzene
 Concen: 1.11 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025217.D
 Acq: 05 Jul 2018 15:50

Tgt Ion: 91 Resp: 10590
 Ion Ratio Lower Upper
 91 100
 92 37.8 25.6 76.8
 134 0.0 12.3 36.8#





#90

Hexachloroethane

Concen: 3.75 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

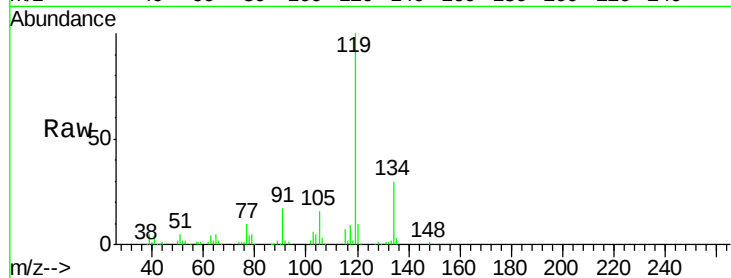
DUP-0473-180628

Tot Ion:117 Resp: 7888

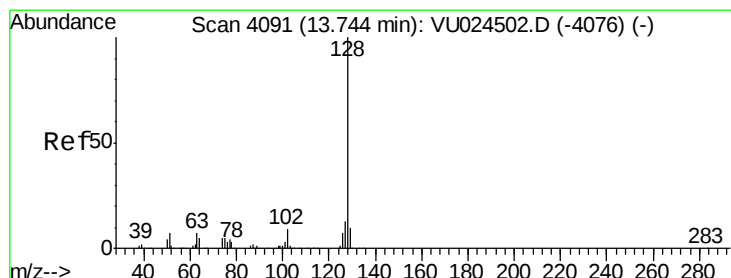
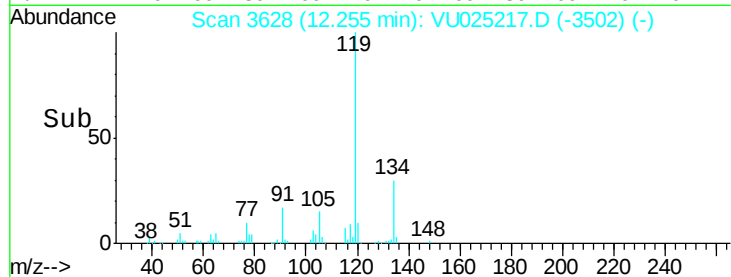
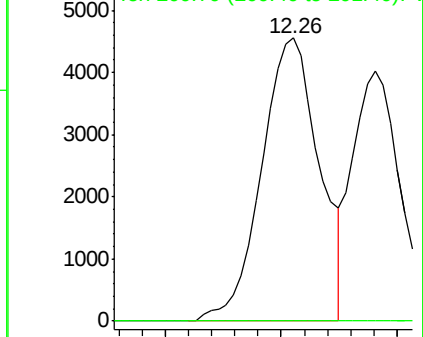
Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.86 ug/l

RT: 13.74 min Scan# 4090

Delta R.T. -0.00 min

Lab File: VU025217.D

Acq: 05 Jul 2018 15:50

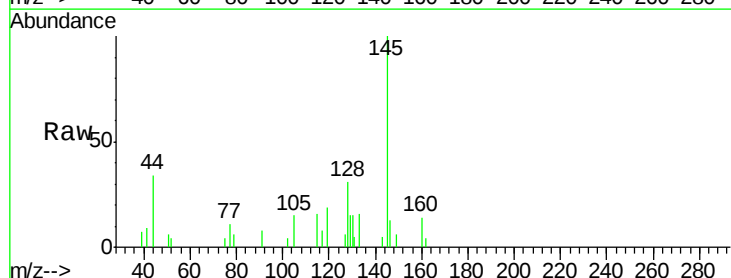
Tgt Ion:128 Resp: 2074

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 41.7 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

