

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025224.D
 Acq On : 05 Jul 2018 18:41
 Operator : MD/SY
 Sample : J3840-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4-S

Quant Time: Jul 06 05:16:31 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	211702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	317944	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153686	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	161466	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
35) Dibromofluoromethane	4.89	113	125378	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	7.57	98	455665	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	10.31	95	168817	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	

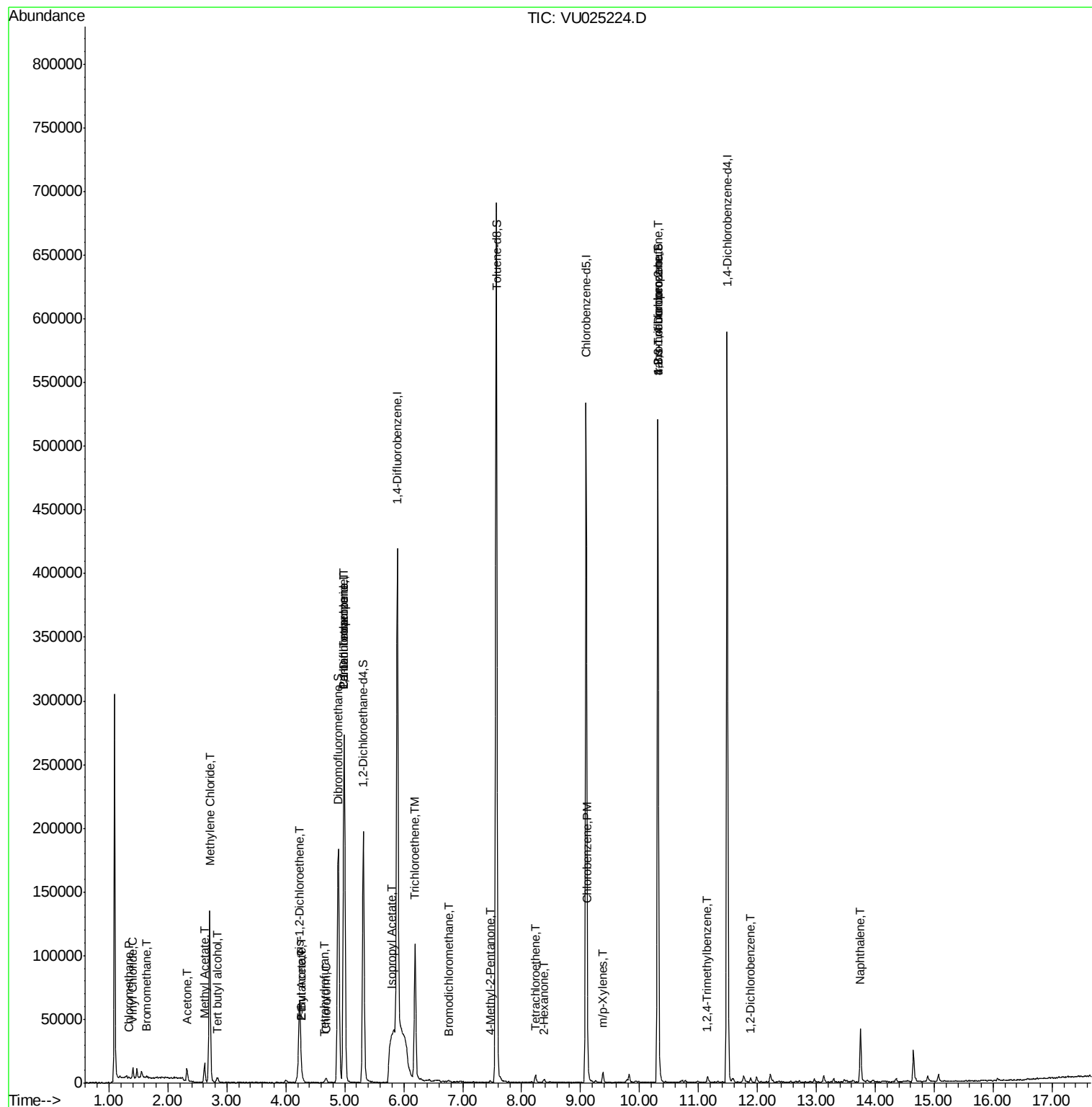
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1004	0.37	ug/l	91
4) Vinyl Chloride	1.40	62	4718	1.69	ug/l	90
5) Bromomethane	1.64	94	498	0.37	ug/l #	72
6) Chloroethane	1.68	64	82	Below Cal	#	43
8) Diethyl Ether	2.10	74	47	Below Cal	#	1
11) Tert butyl alcohol	2.84	59	3264	3.88	ug/l #	73
16) Acetone	2.32	43	10800	5.82	ug/l	99
18) Methyl Acetate	2.62	43	17674	4.44	ug/l	99
20) Methylene Chloride	2.71	84	61129	20.98	ug/l	96
25) 2-Butanone	4.27	43	7290	2.92	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	36674	12.02	ug/l	89
29) Tetrahydrofuran	4.65	42	534	0.35	ug/l #	58
30) Chloroform	4.68	83	3043	0.59	ug/l	86
31) Cyclohexane	4.99	56	4215	Below Cal	#	10
36) 1,1-Dichloropropene	4.99	75	15607	4.18	ug/l #	51
37) Ethyl Acetate	4.27	43	7290	1.79	ug/l #	70
38) Carbon Tetrachloride	4.99	117	20472	4.98	ug/l #	16
43) Isopropyl Acetate	5.80	43	41200	5.85	ug/l #	62
44) Trichloroethene	6.19	130	37941	12.52	ug/l	89
47) Bromodichloromethane	6.76	83	927	0.23	ug/l #	96
51) 4-Methyl-2-Pentanone	7.47	43	1223	0.28	ug/l #	73
59) 2-Hexanone	8.38	43	1689	0.47	ug/l	98
64) Tetrachloroethene	8.24	164	1139	0.41	ug/l #	82
65) Chlorobenzene	9.12	112	2360	0.31	ug/l #	87
68) m/p-Xylenes	9.38	106	2518	0.50	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	89818	26.55	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	89818	61.44	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.16	105	2309	0.22	ug/l	93
91) 1,2-Dichlorobenzene	11.88	146	1370	0.25	ug/l	93
95) Naphthalene	13.75	128	35894	3.81	ug/l	98

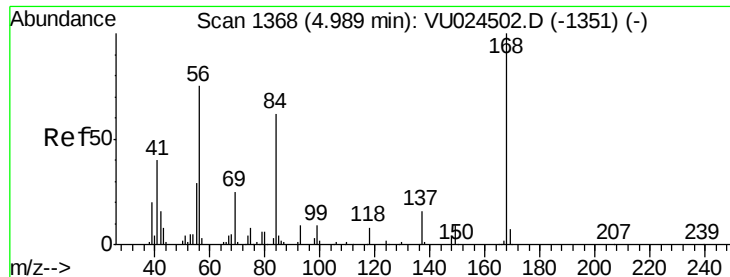
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

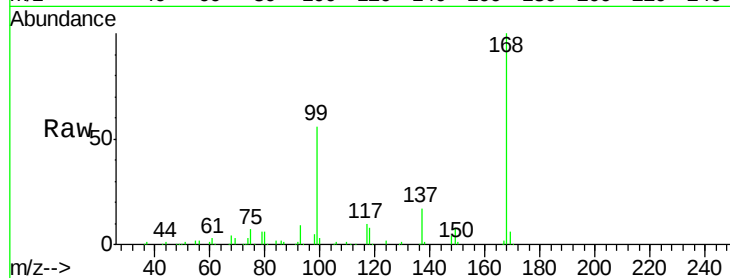
Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

Tot Ion:168 Resp: 211702

Ion Ratio Lower Upper

168 100

99 55.8 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

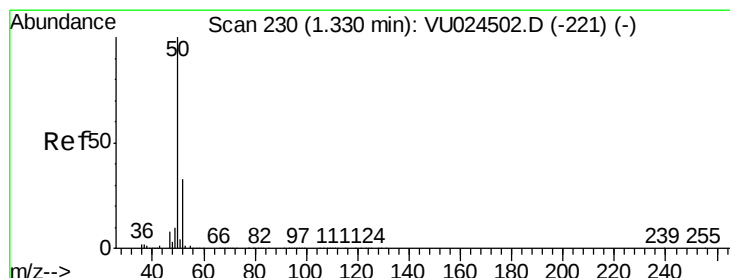
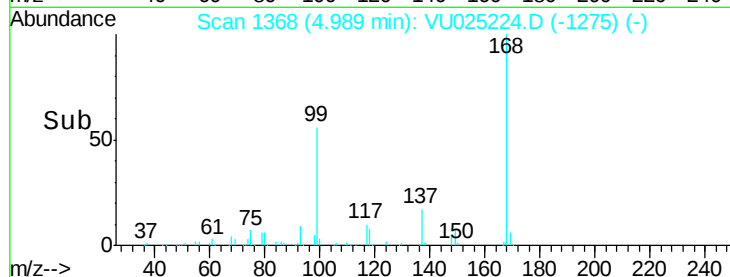
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.37 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025224.D

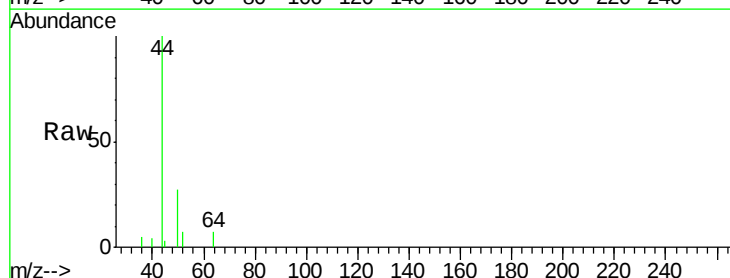
Acq: 05 Jul 2018 18:41

Tgt Ion: 50 Resp: 1004

Ion Ratio Lower Upper

50 100

52 28.0 26.4 39.6



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

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.33

1000

800

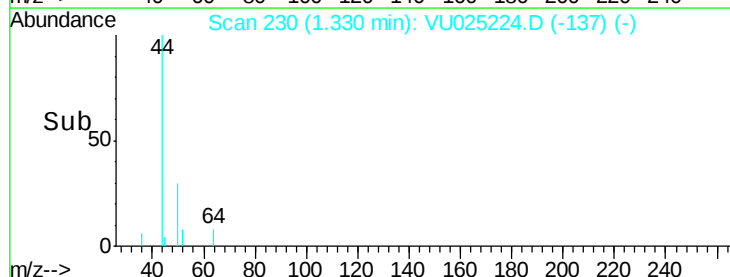
600

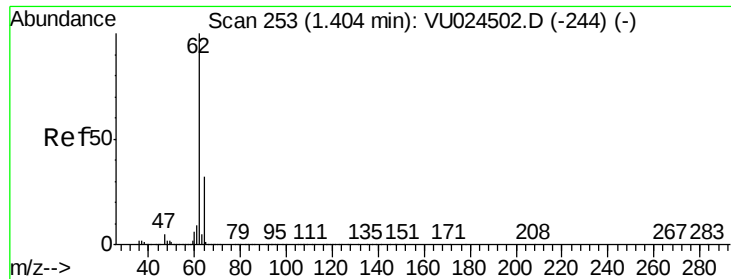
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 1.69 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

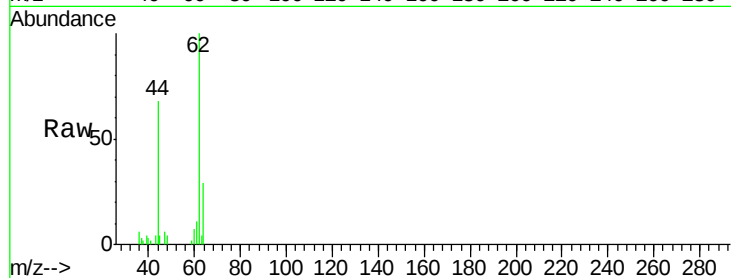
TP-4-S

Tot Ion: 62 Resp: 4718

Ion Ratio Lower Upper

62 100

64 25.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

4000

3000

2000

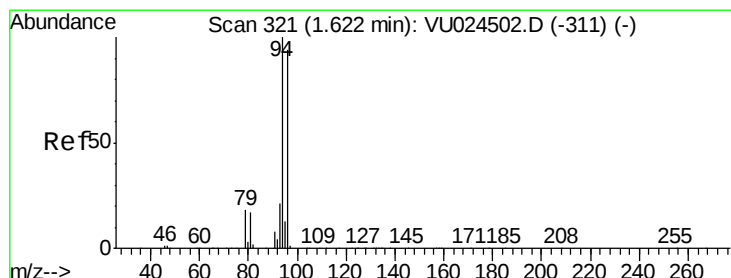
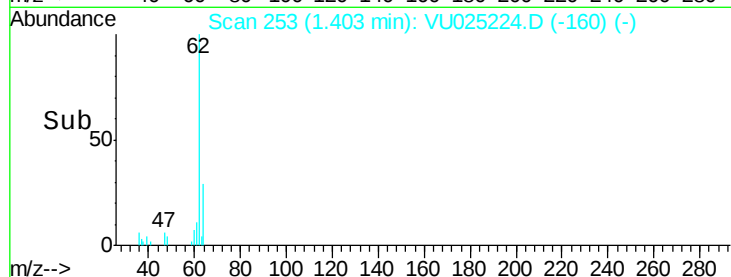
1000

0

Time-->

1.40

1.45



#5

Bromomethane

Concen: 0.37 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU025224.D

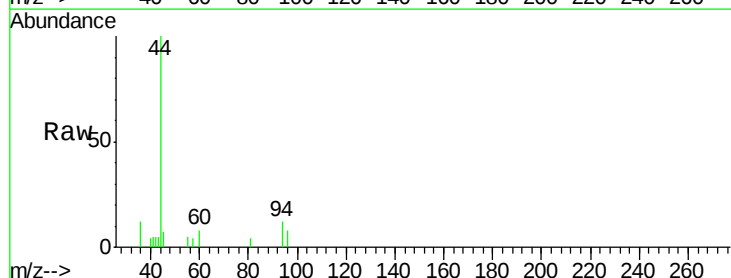
Acq: 05 Jul 2018 18:41

Tgt Ion: 94 Resp: 498

Ion Ratio Lower Upper

94 100

96 65.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.64

300

200

100

0

Time-->

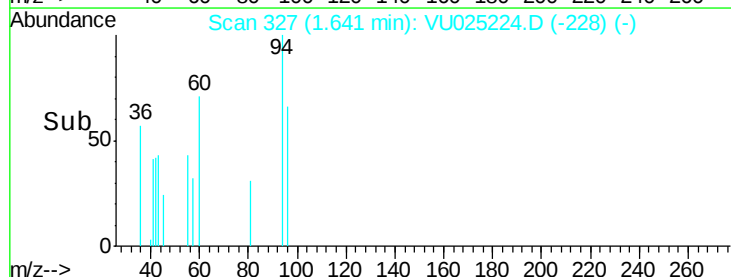
1.60

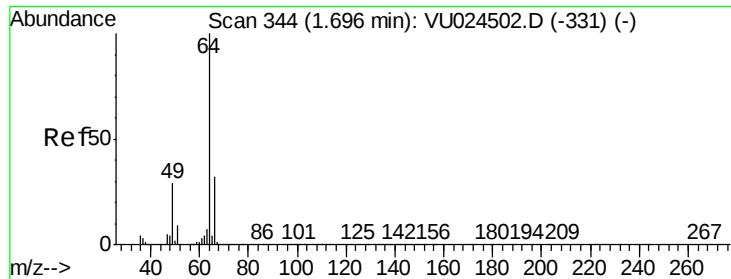
1.62

1.64

1.66

1.68





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

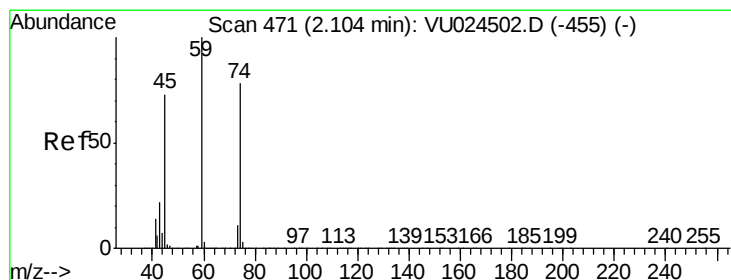
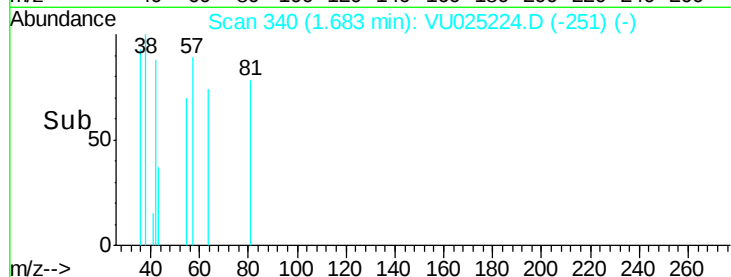
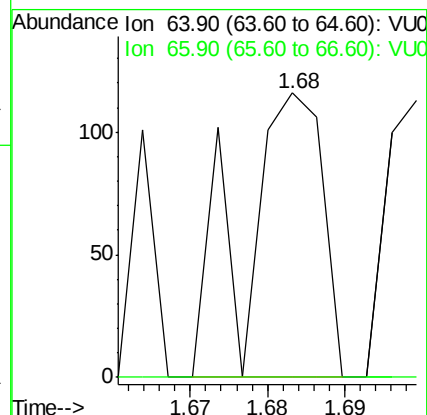
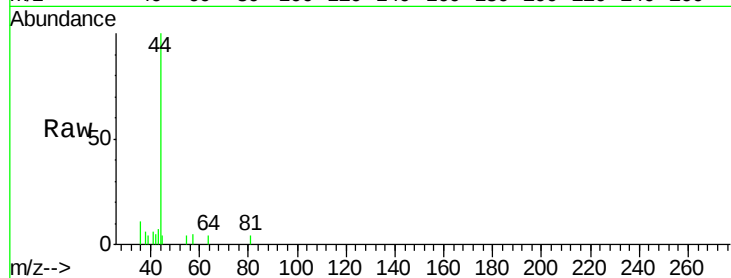
TP-4-S

Tot Ion: 64 Resp: 82

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025224.D

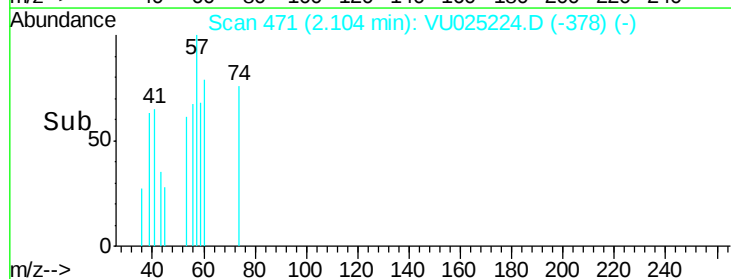
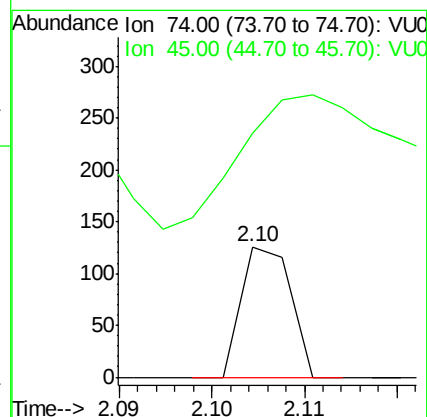
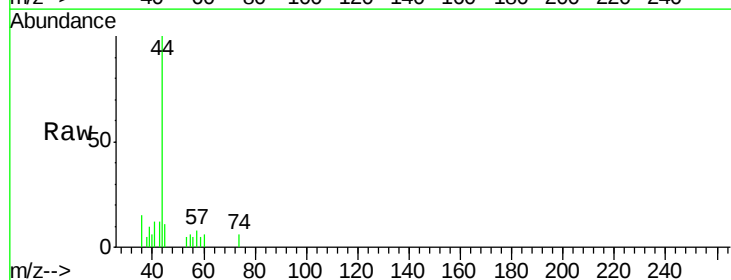
Acq: 05 Jul 2018 18:41

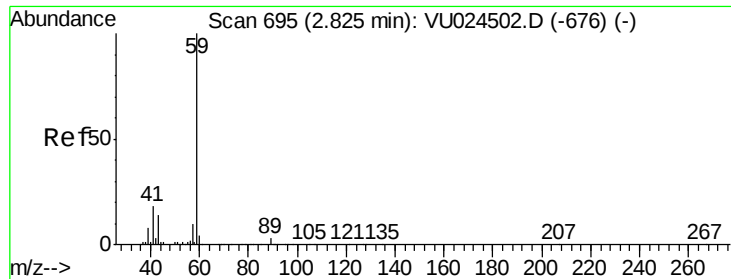
Tgt Ion: 74 Resp: 47

Ion Ratio Lower Upper

74 100

45 863.8 55.0 165.0#

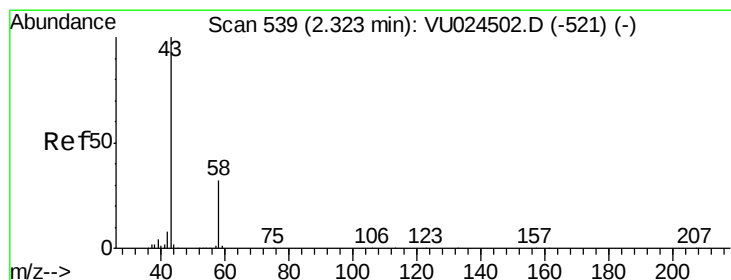
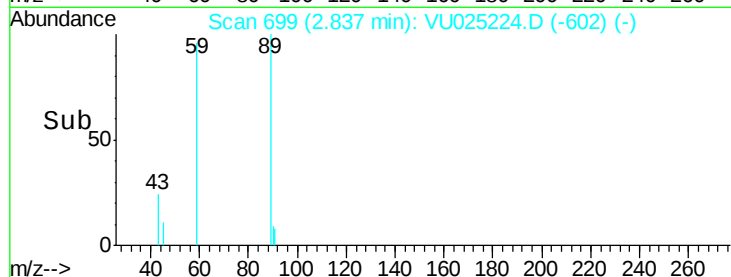
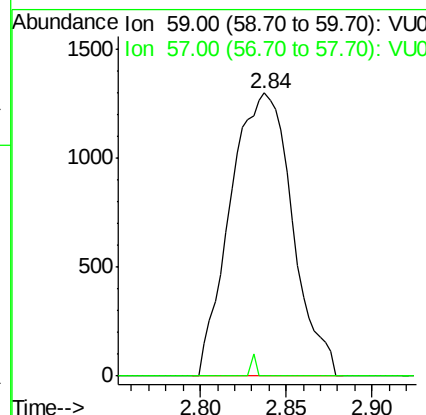
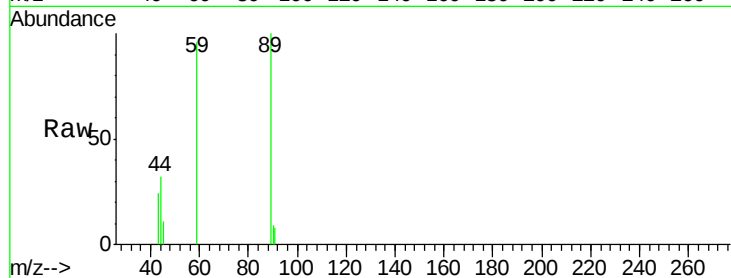




#11
Tert butyl alcohol
Concen: 3.88 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

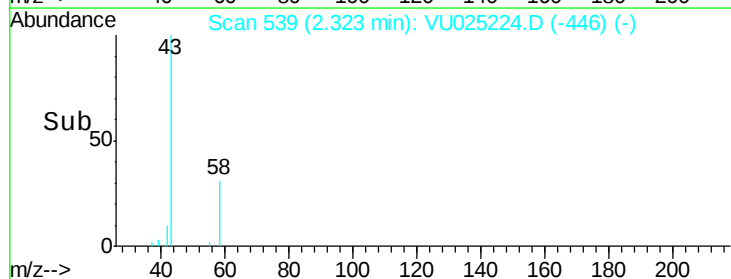
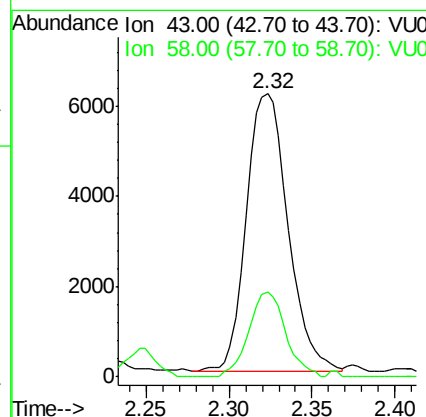
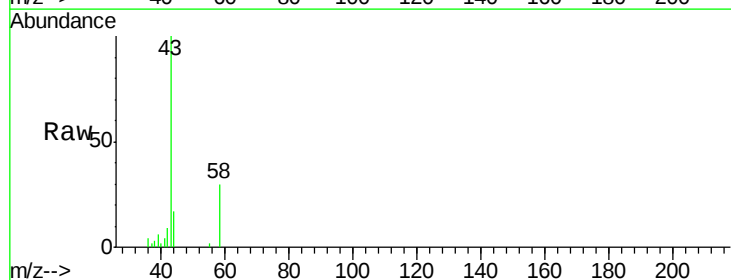
Instrument :
MSVOA_U
ClientSampled :
TP-4-S

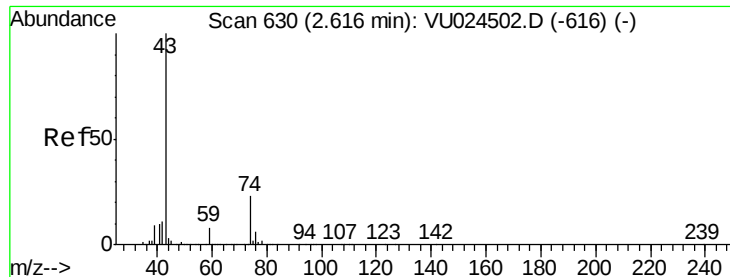
Tot Ion: 59 Resp: 3264
Ion Ratio Lower Upper
59 100
57 0.6 8.5 12.7#



#16
Acetone
Concen: 5.82 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion: 43 Resp: 10800
Ion Ratio Lower Upper
43 100
58 30.8 24.4 36.6

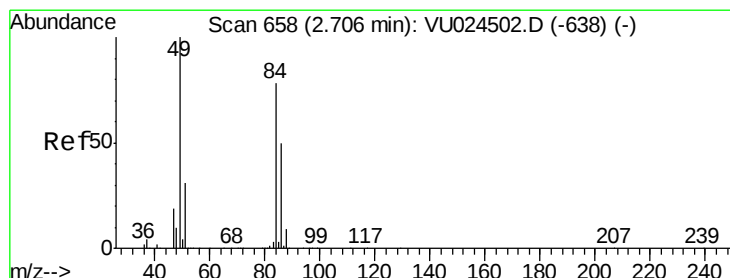
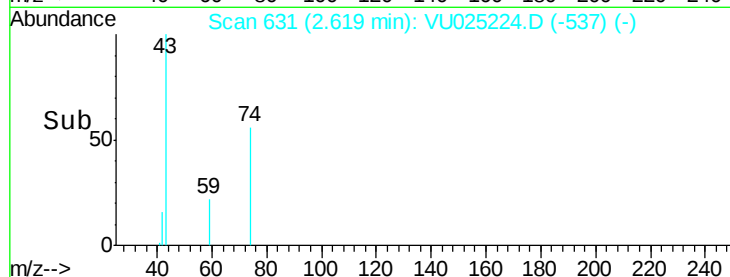
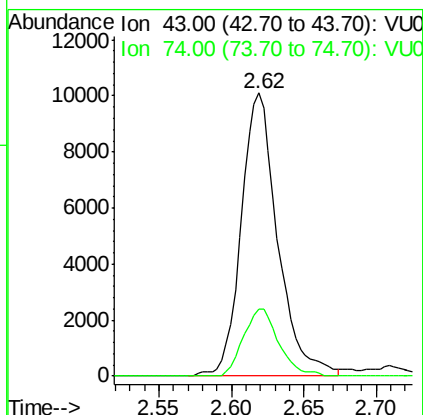
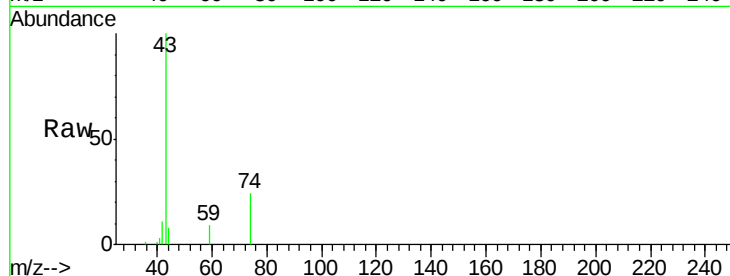




#18
Methyl Acetate
Concen: 4.44 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

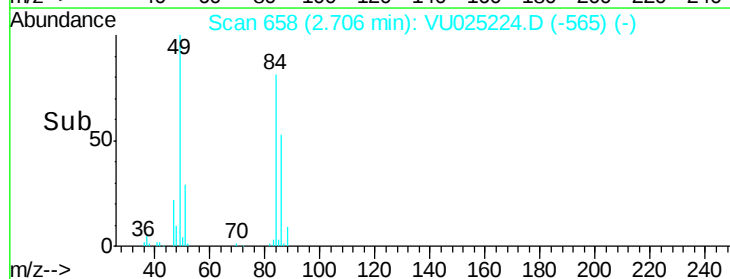
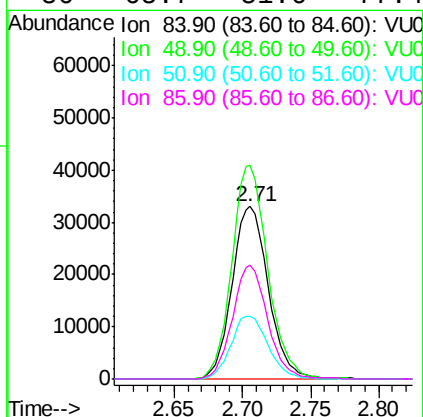
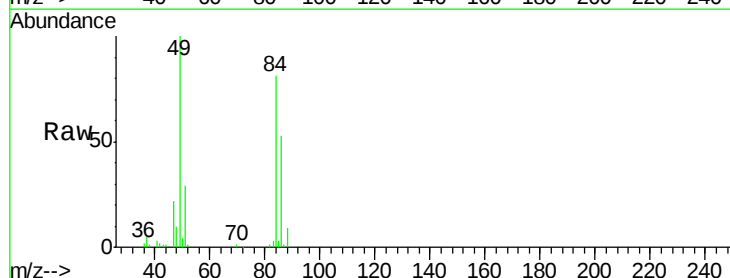
Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

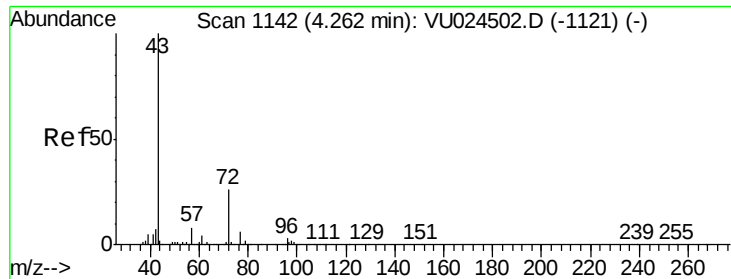
Tot Ion: 43 Resp: 17674
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 20.98 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion: 84 Resp: 61129
Ion Ratio Lower Upper
84 100
49 123.7 103.8 155.8
51 36.4 32.0 48.0
86 65.7 51.6 77.4

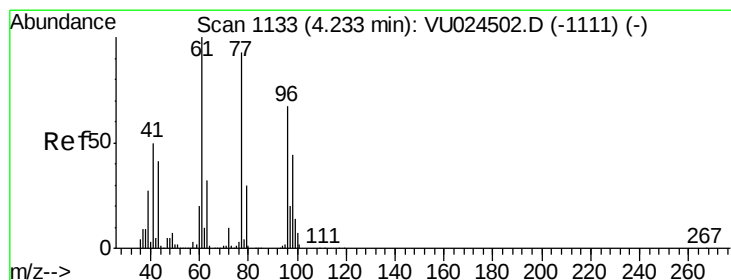
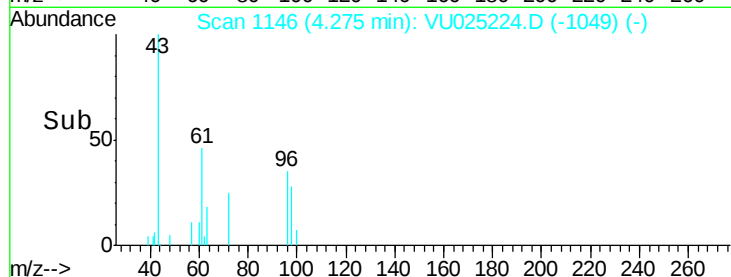
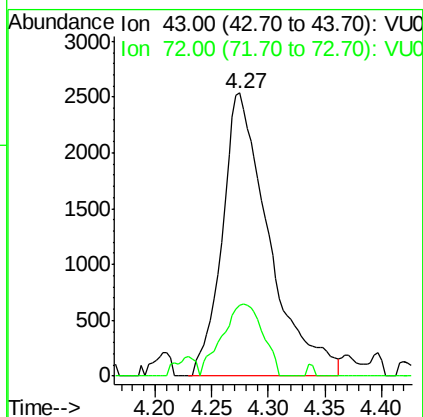
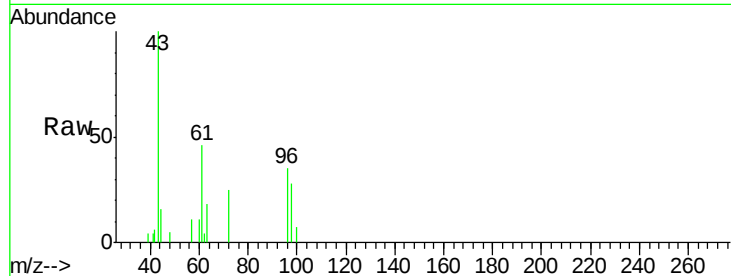




#25
2-Butanone
Concen: 2.92 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

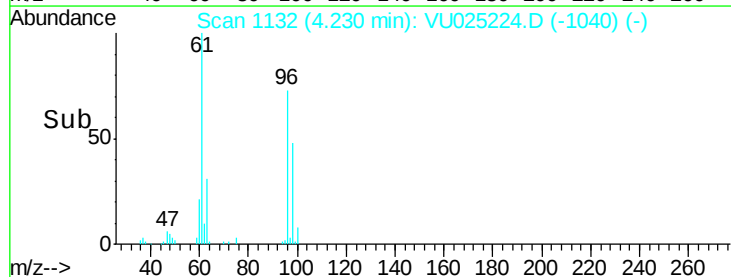
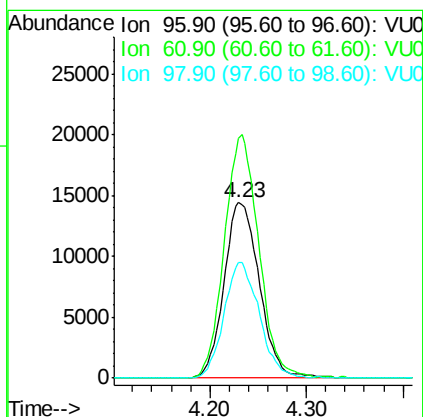
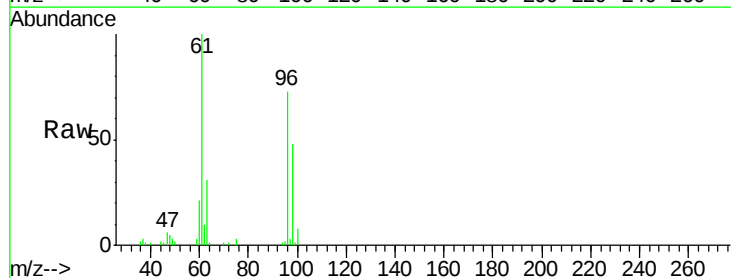
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MSVOA_U
ClientSampled :
TP-4-S

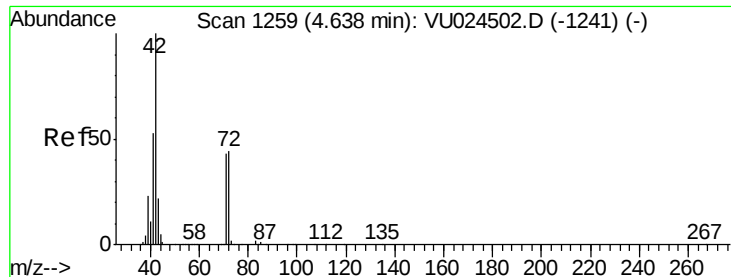
Tot Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
72 24.9 19.6 29.4



#27
cis-1,2-Dichloroethene
Concen: 12.02 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion: 96 Resp: 36674
Ion Ratio Lower Upper
96 100
61 134.7 0.0 306.6
98 65.5 0.0 128.8





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

TP-4-S

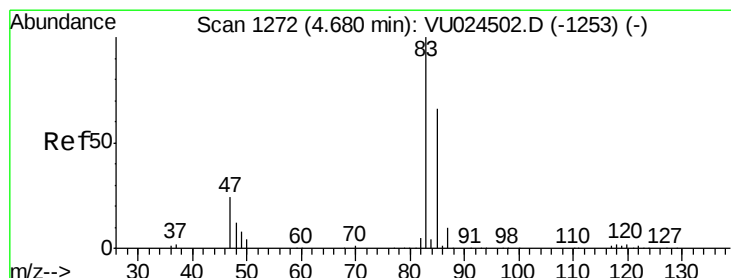
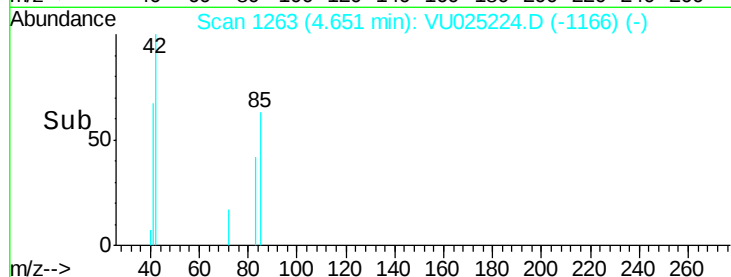
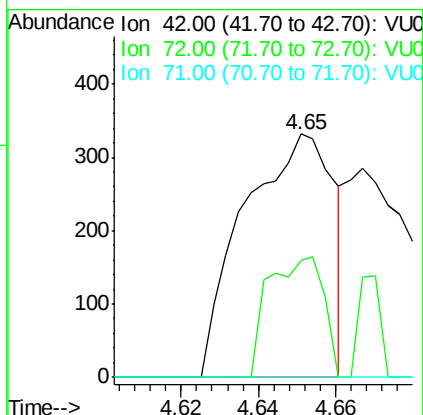
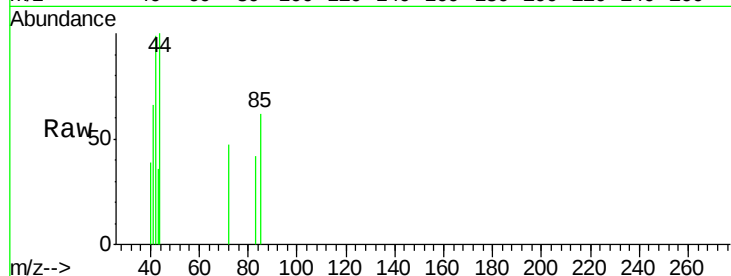
Tot Ion: 42 Resp: 534

Ion Ratio Lower Upper

42 100

72 30.5 34.5 51.7#

71 0.0 32.2 48.4#



#30

Chloroform

Concen: 0.59 ug/l

RT: 4.68 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VU025224.D

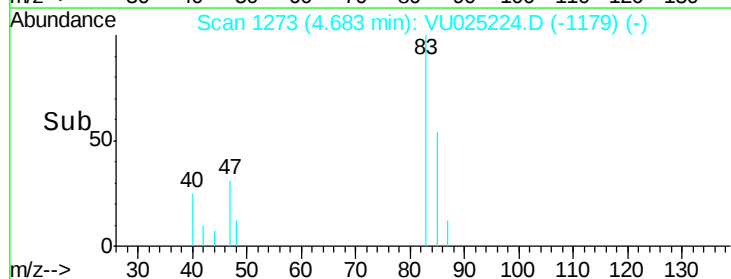
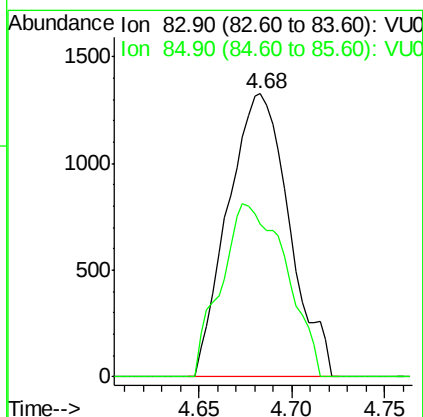
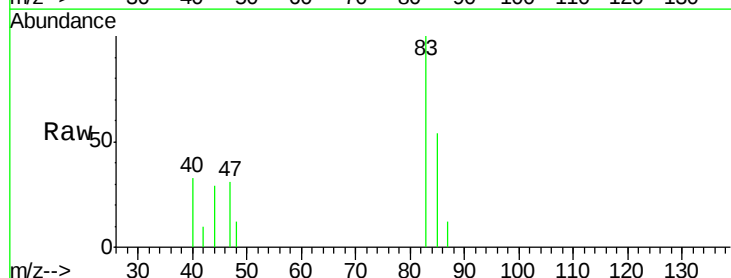
Acq: 05 Jul 2018 18:41

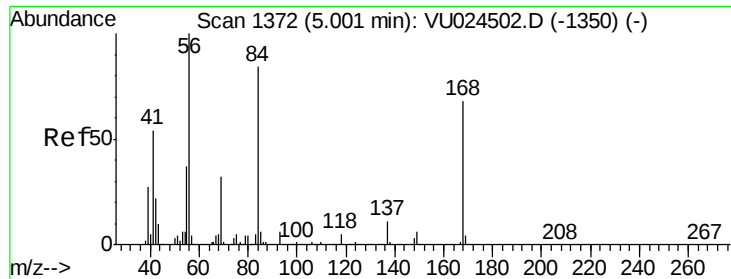
Tgt Ion: 83 Resp: 3043

Ion Ratio Lower Upper

83 100

85 54.1 52.4 78.6

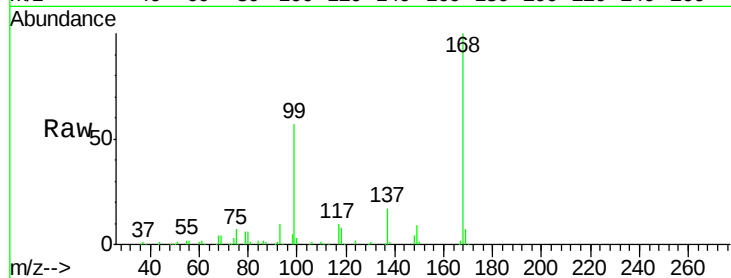




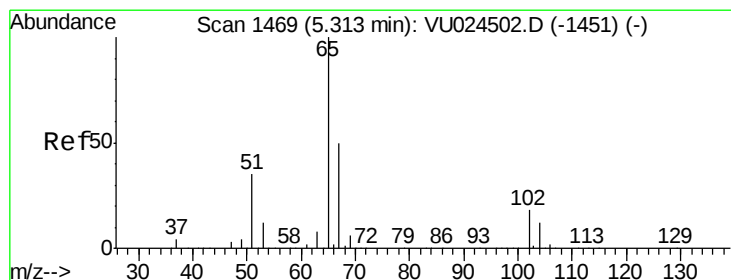
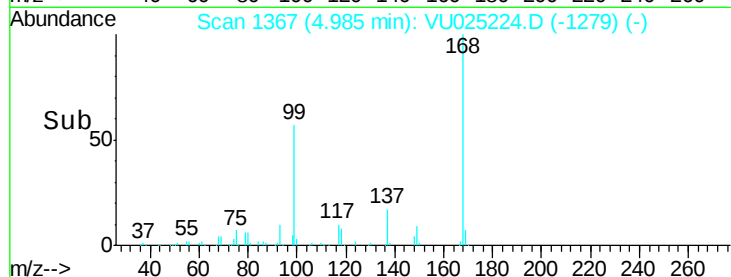
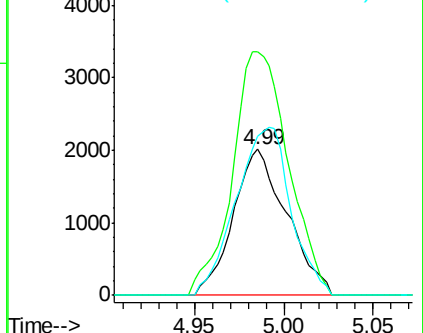
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

Tot Ion: 56 Resp: 4215
Ion Ratio Lower Upper
56 100
69 166.7 24.8 37.2#
84 108.7 65.2 97.8#

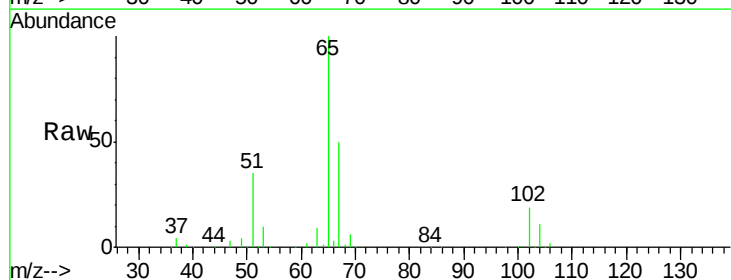


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

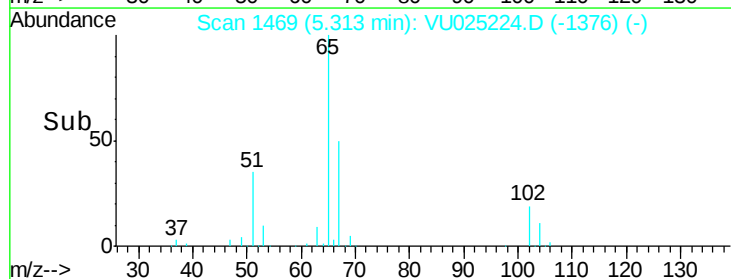
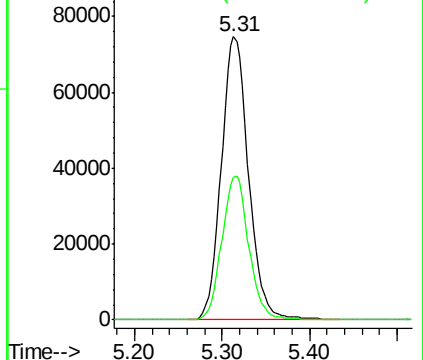


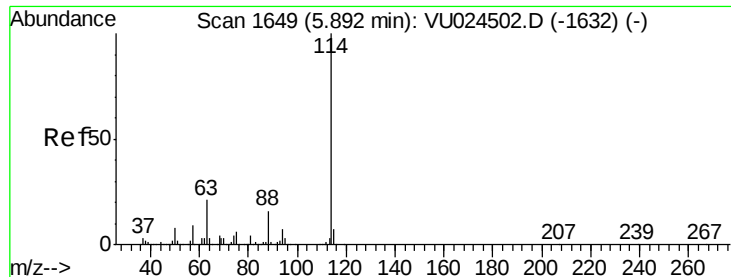
#33
1,2-Dichloroethane-d4
Concen: 46.72 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion: 65 Resp: 161466
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.0



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

TP-4-S

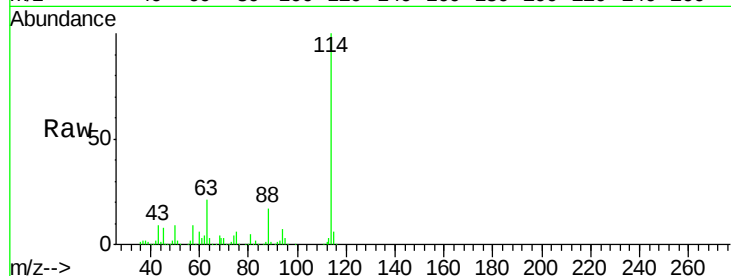
Tot Ion:114 Resp: 317944

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

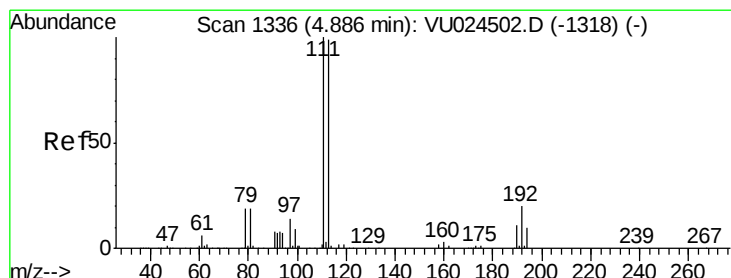
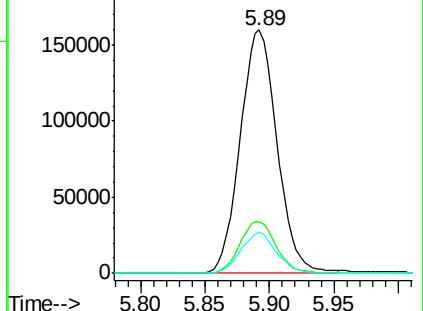
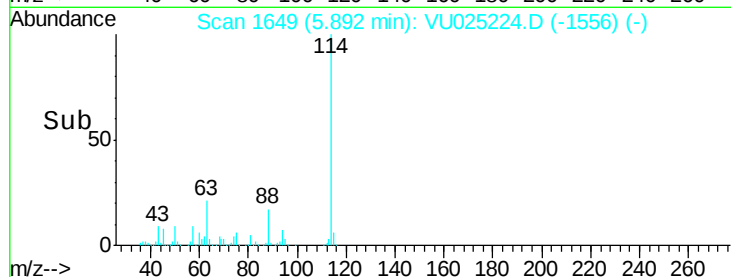
88 16.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.52 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

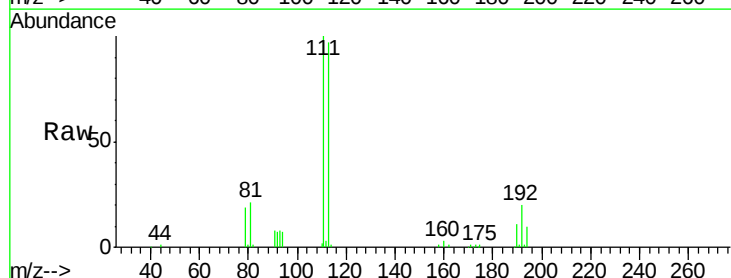
Tgt Ion:113 Resp: 125378

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

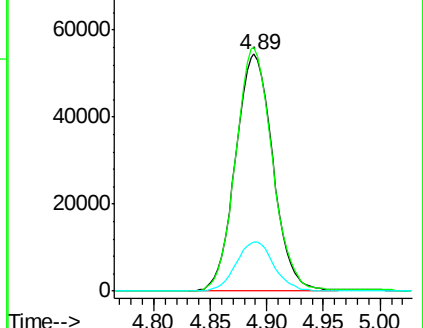
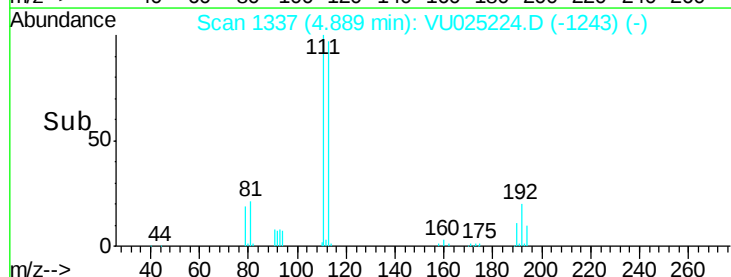
192 21.0 16.2 24.4

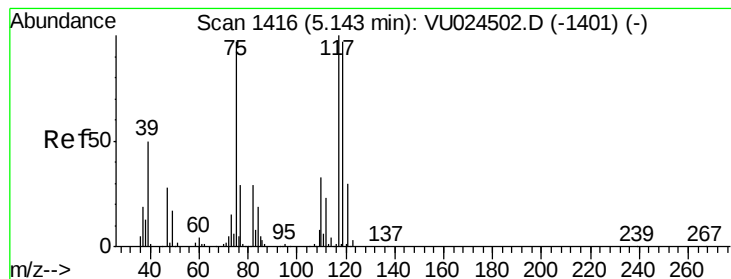


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.18 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

TP-4-S

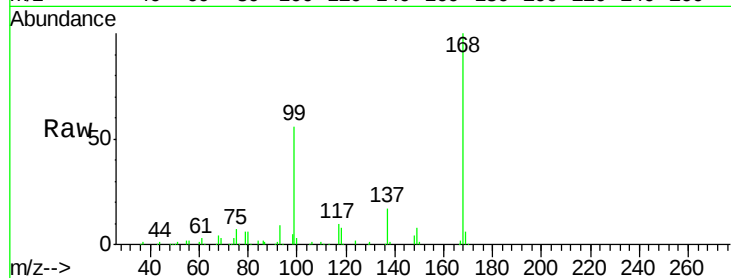
Tot Ion: 75 Resp: 15607

Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

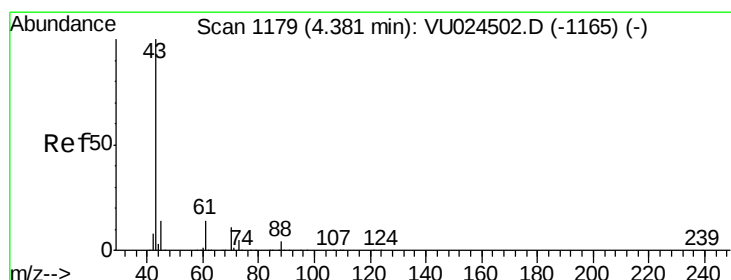
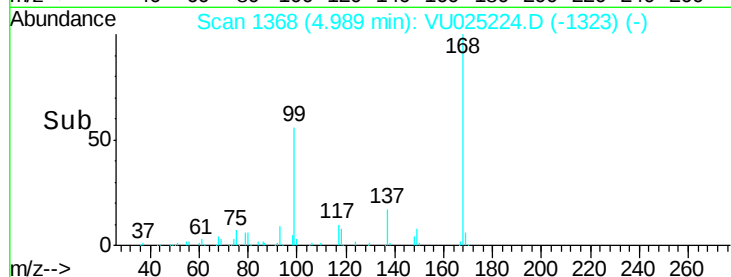
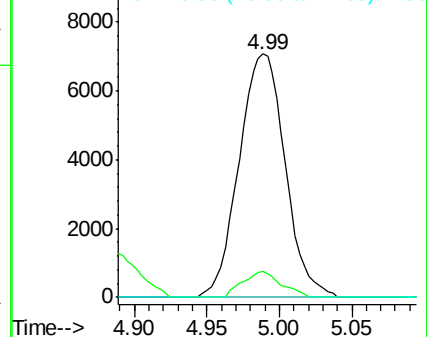
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#37

Ethyl Acetate

Concen: 1.79 ug/l

RT: 4.27 min Scan# 1146

Delta R.T. -0.11 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

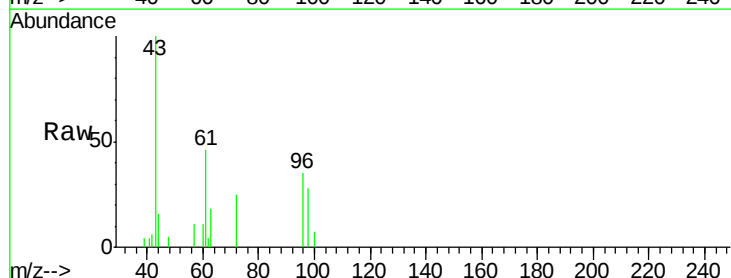
Tgt Ion: 43 Resp: 7290

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

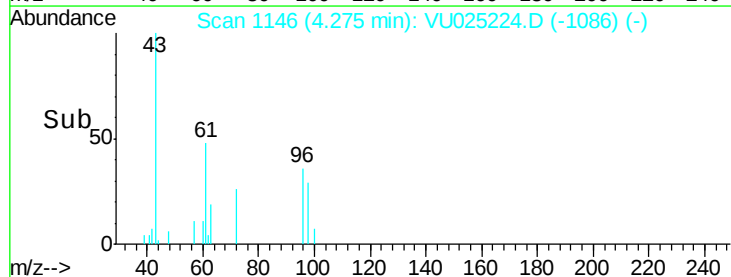
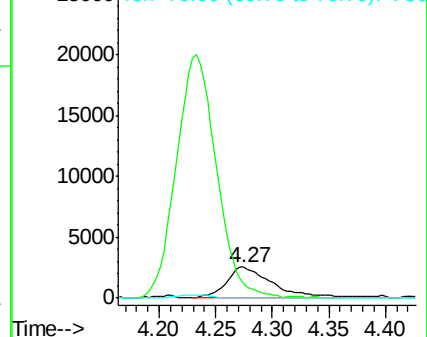
70 0.0 7.4 11.2#

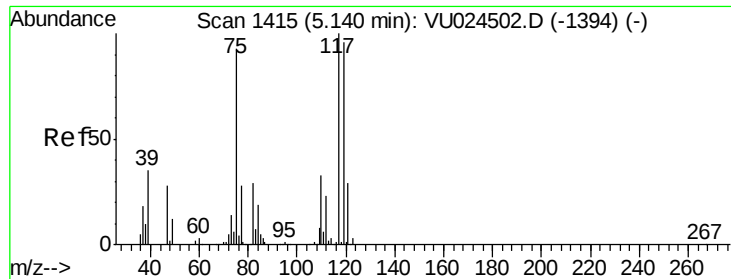


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 4.98 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

TP-4-S

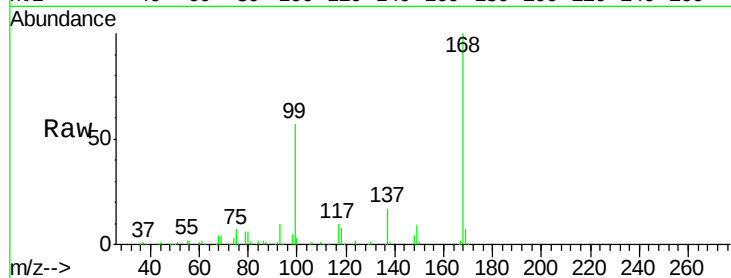
Tot Ion:117 Resp: 20472

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

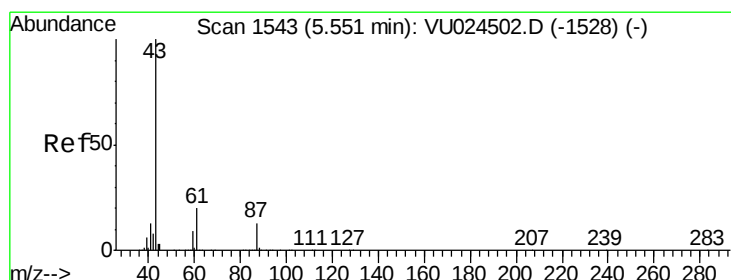
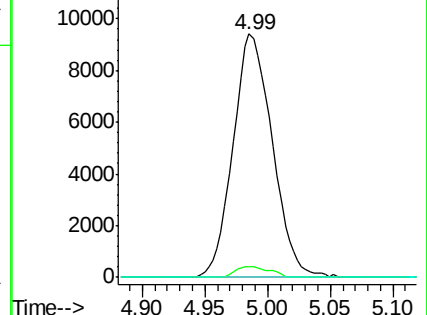
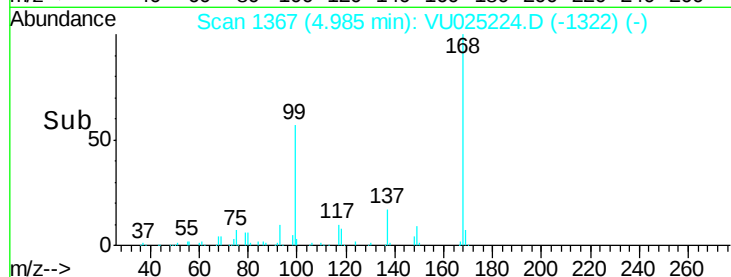
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 5.85 ug/l

RT: 5.80 min Scan# 1619

Delta R.T. 0.24 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

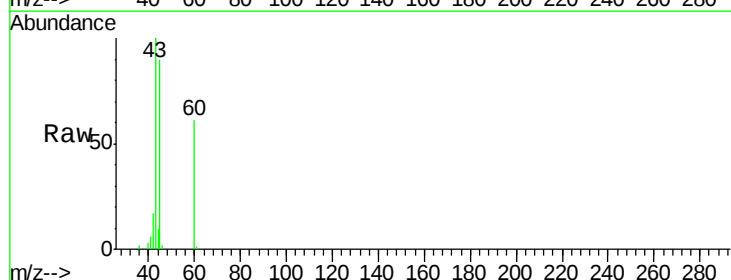
Tgt Ion: 43 Resp: 41200

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

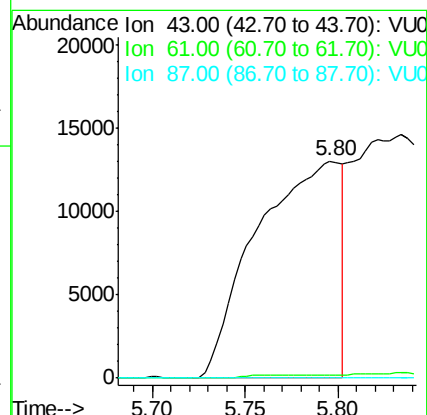
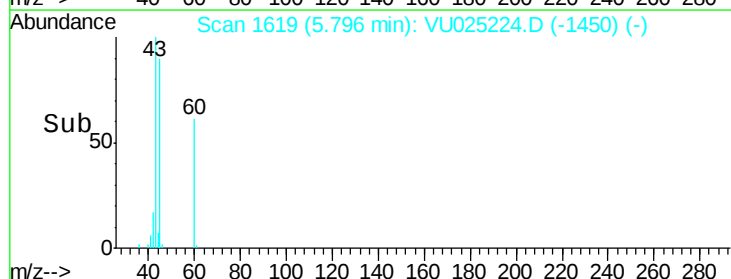
87 0.0 10.0 15.0#

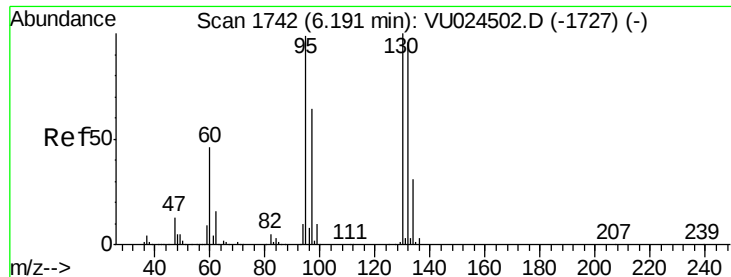


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#44

Trichloroethene

Concen: 12.52 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampled :

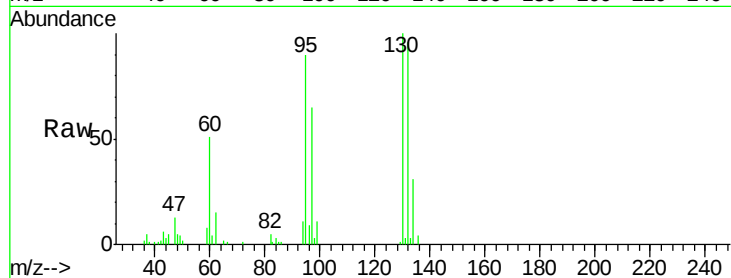
TP-4-S

Tot Ion:130 Resp: 37941

Ion Ratio Lower Upper

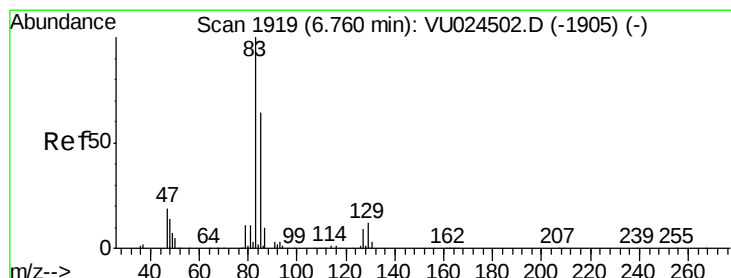
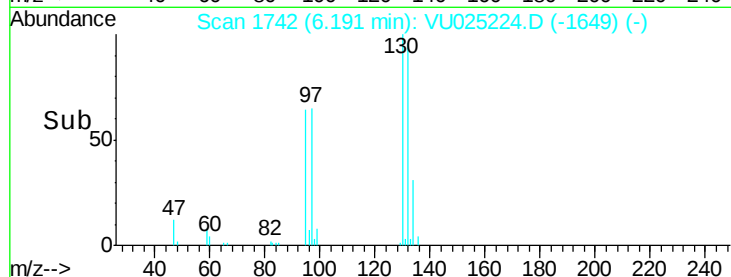
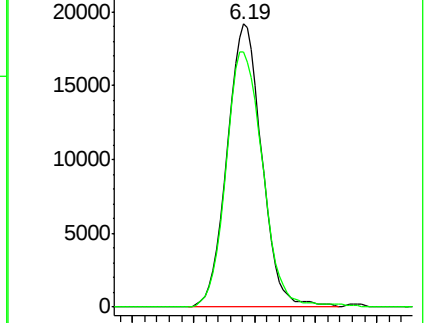
130 100

95 90.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#47

Bromodichloromethane

Concen: 0.23 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

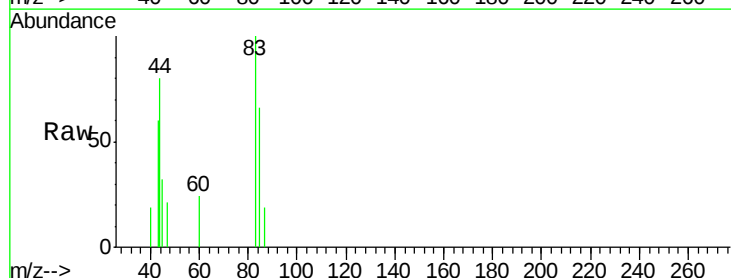
Tgt Ion: 83 Resp: 927

Ion Ratio Lower Upper

83 100

85 66.0 51.9 77.9

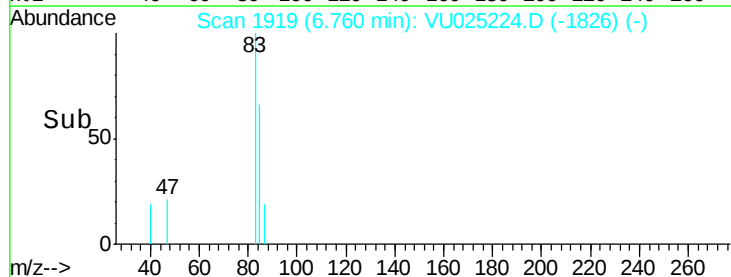
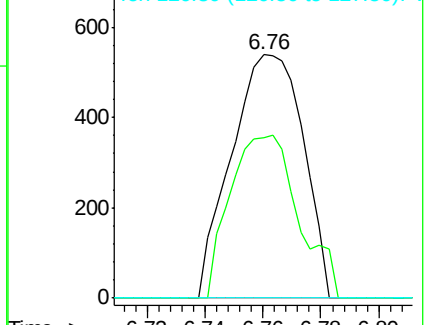
127 0.0 6.6 9.8#

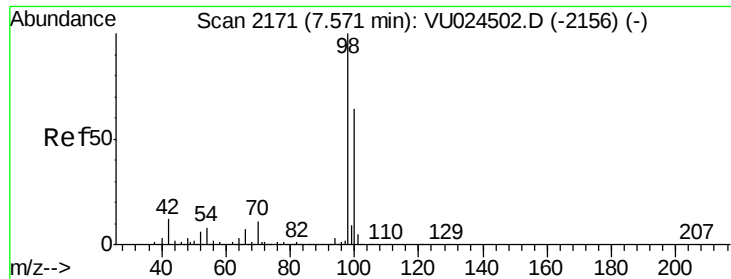


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

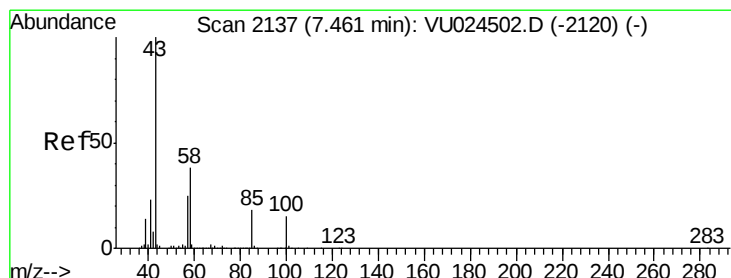
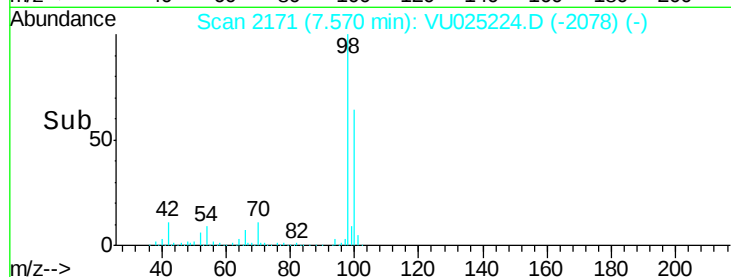
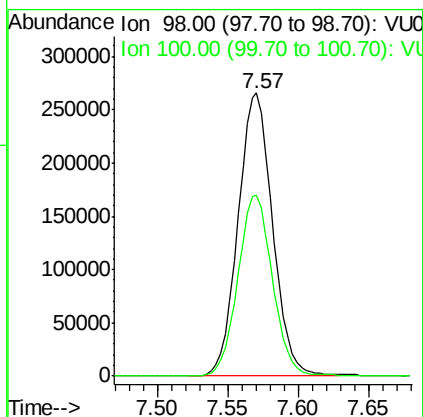
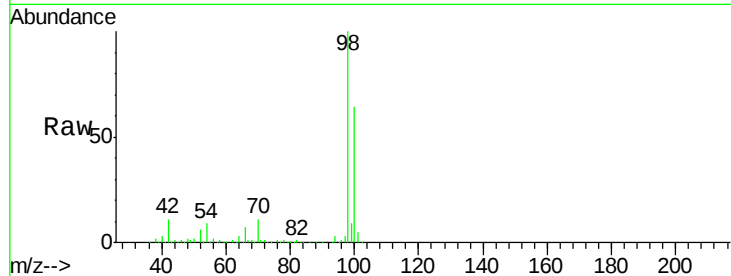




#50
Toluene-d8
Concen: 47.34 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

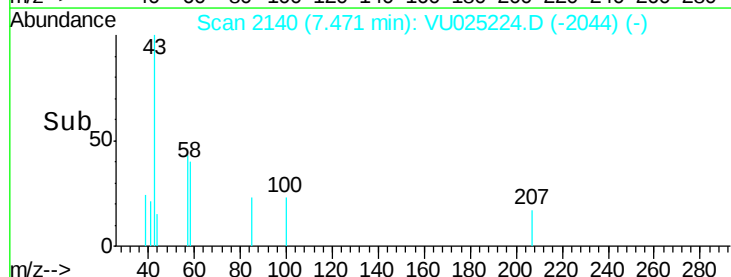
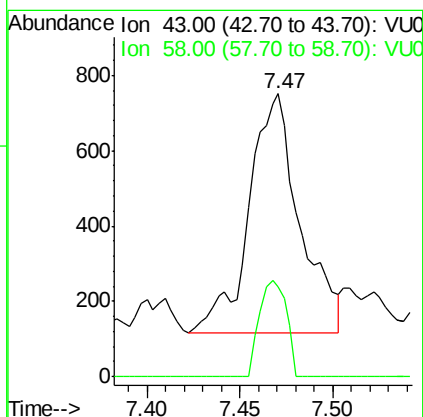
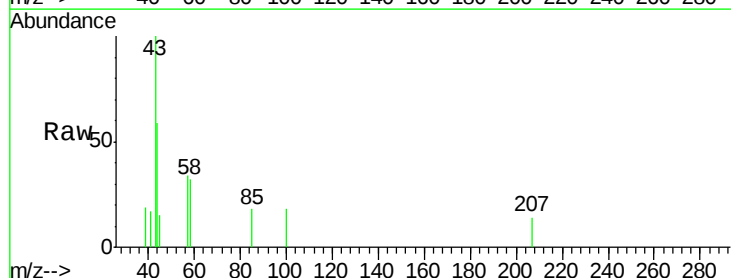
Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

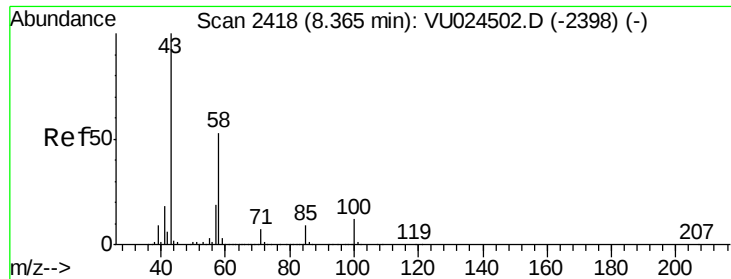
Tot Ion: 98 Resp: 455665
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 7.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 21.4 30.0 45.0#

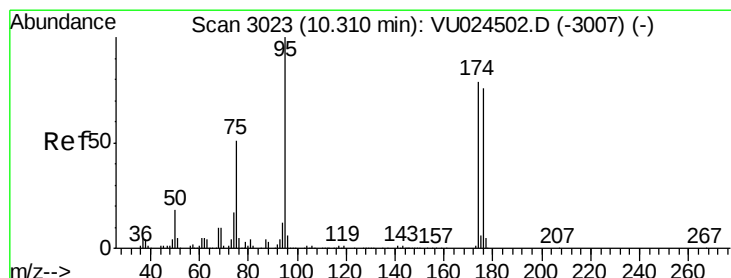
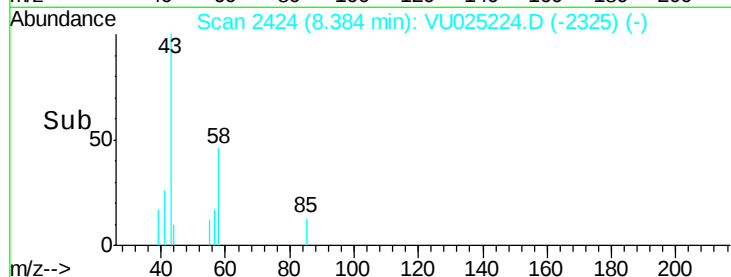
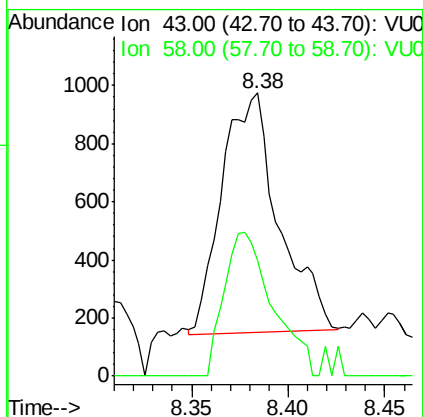
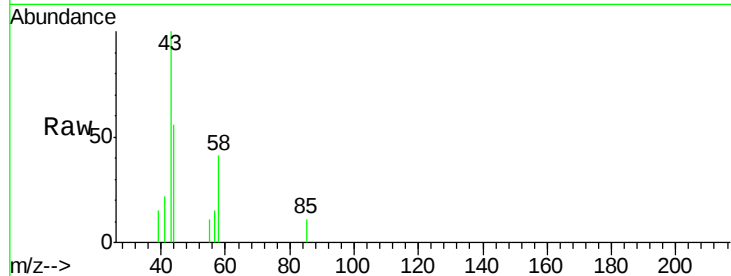




#59
2-Hexanone
Concen: 0.47 ug/l
RT: 8.38 min Scan# 2424
Delta R.T. 0.02 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

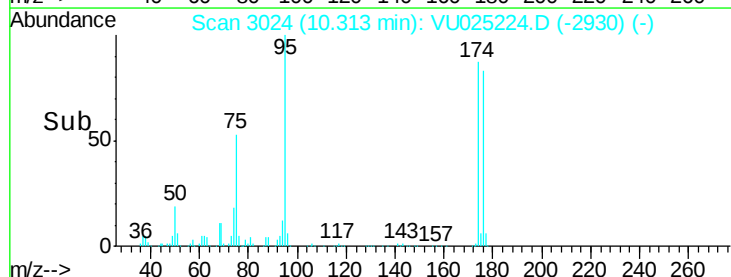
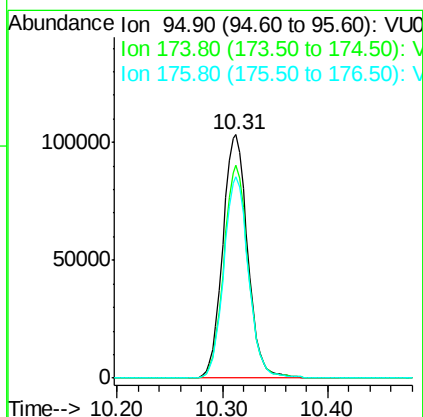
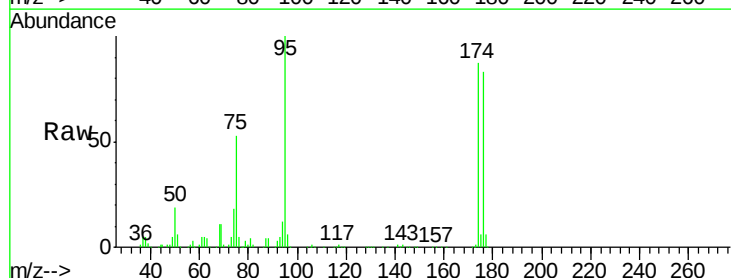
Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

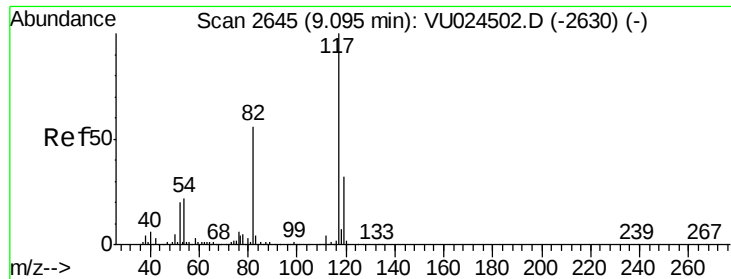
Tot Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 51.1 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 44.18 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion: 95 Resp: 168817
Ion Ratio Lower Upper
95 100
174 85.7 0.0 165.8
176 82.0 0.0 159.4

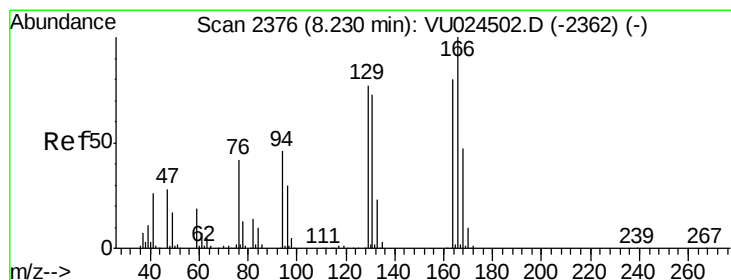
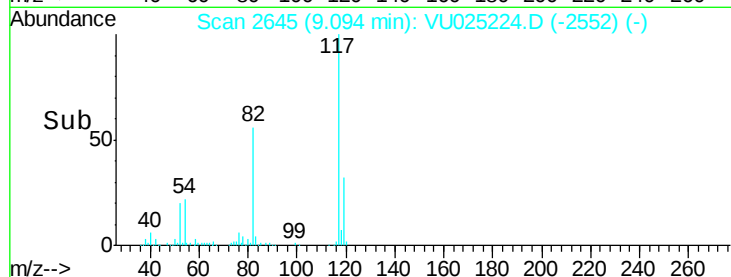
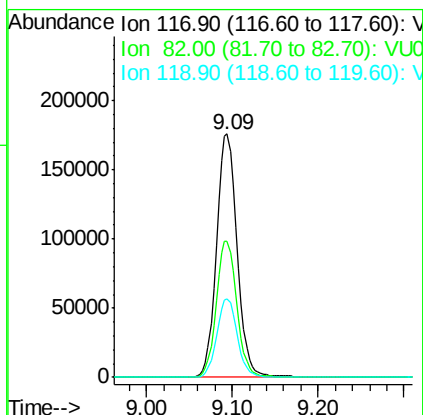
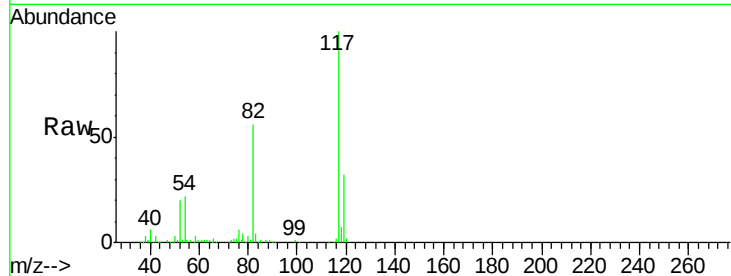




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

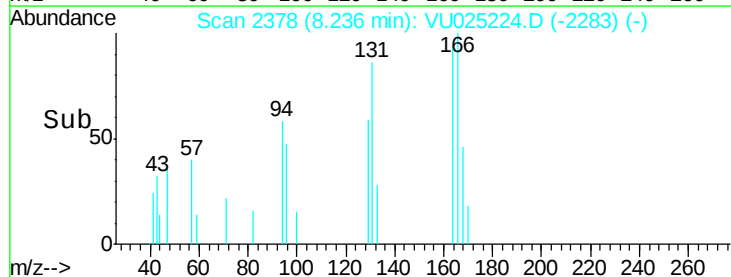
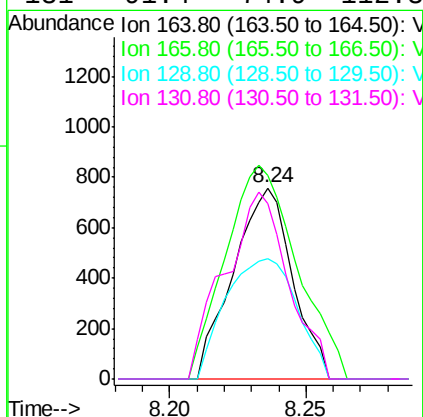
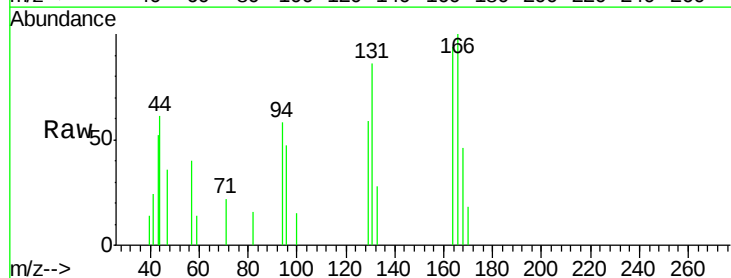
Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

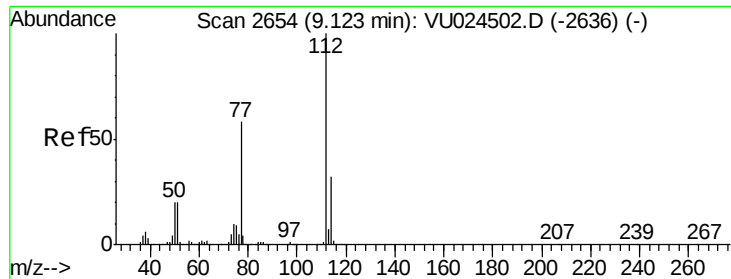
Tot Ion:117 Resp: 294443
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 0.41 ug/l
RT: 8.24 min Scan# 2378
Delta R.T. 0.01 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion:164 Resp: 1139
Ion Ratio Lower Upper
164 100
166 106.3 101.7 152.5
129 63.1 76.9 115.3#
131 91.4 74.9 112.3





#65

Chlorobenzene

Concen: 0.31 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

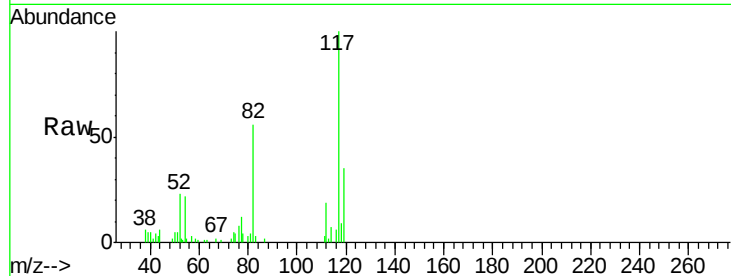
TP-4-S

Tot Ion:112 Resp: 2360

Ion Ratio Lower Upper

112 100

114 39.4 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

1500

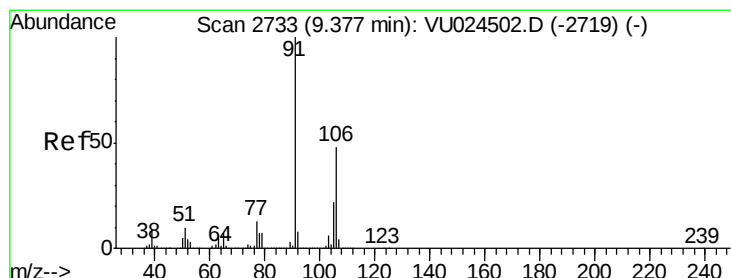
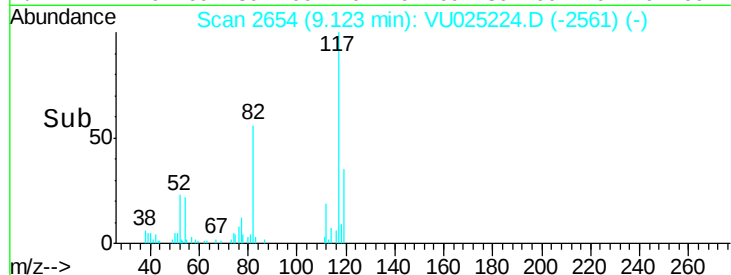
1000

500

0

9.10 9.15

Time-->



#68

m/p-Xylenes

Concen: 0.50 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025224.D

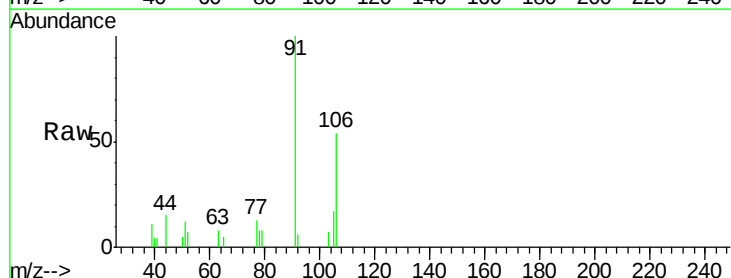
Acq: 05 Jul 2018 18:41

Tgt Ion:106 Resp: 2518

Ion Ratio Lower Upper

106 100

91 207.4 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

9.38

3000

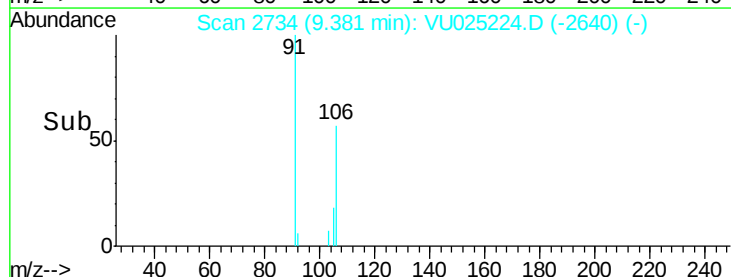
2000

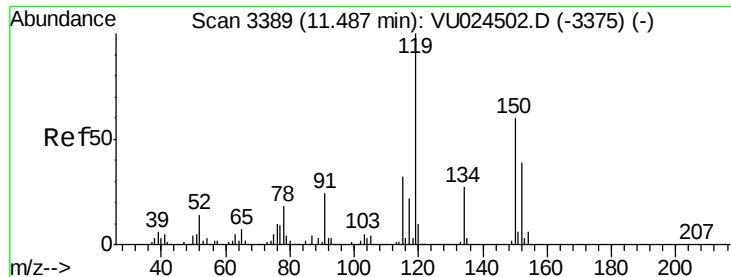
1000

0

9.35 9.40

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

TP-4-S

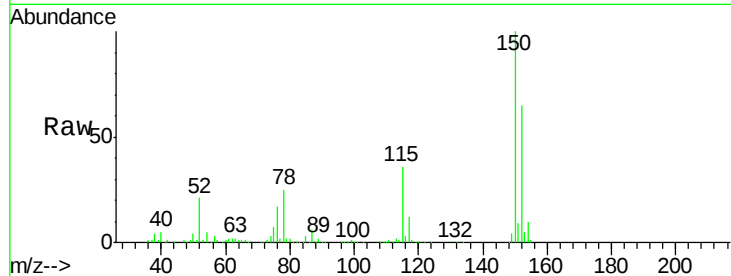
Tot Ion:152 Resp: 153686

Ion Ratio Lower Upper

152 100

115 58.5 43.0 129.0

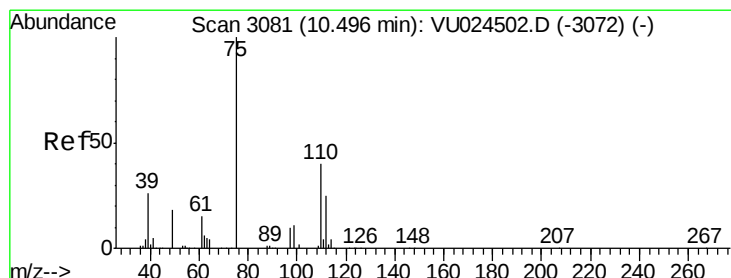
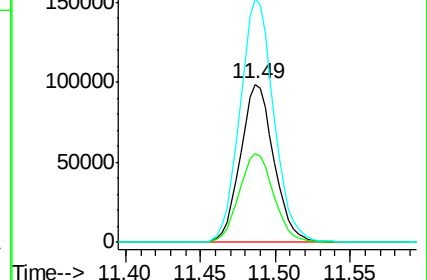
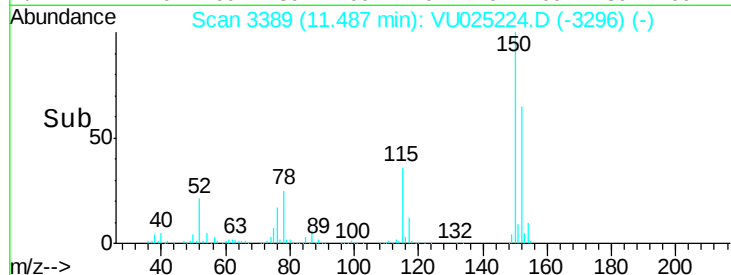
150 156.3 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.55 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025224.D

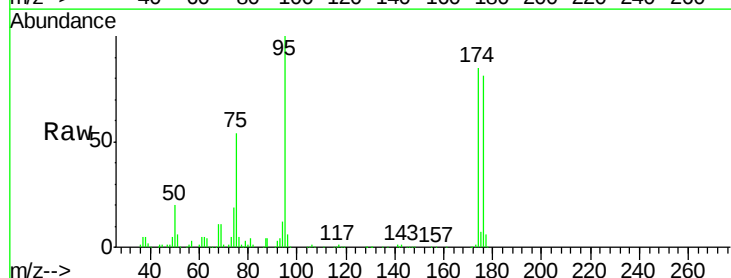
Acq: 05 Jul 2018 18:41

Tgt Ion: 75 Resp: 89818

Ion Ratio Lower Upper

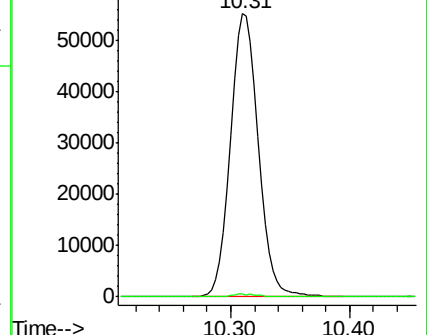
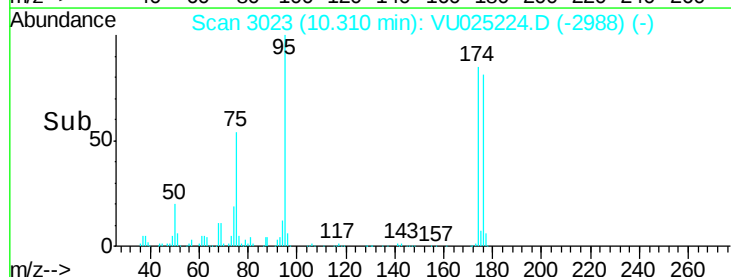
75 100

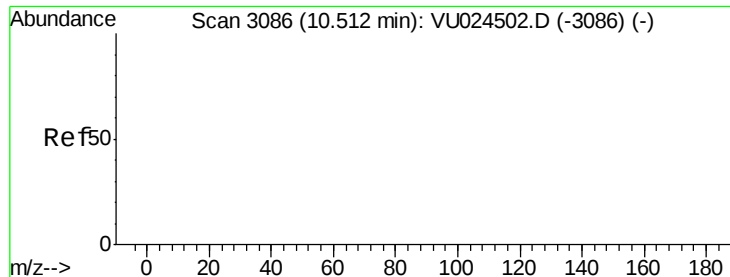
77 0.9 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

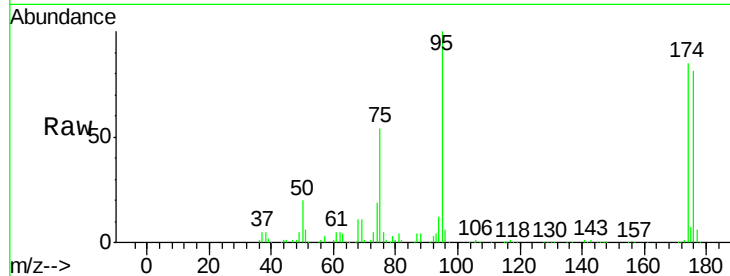




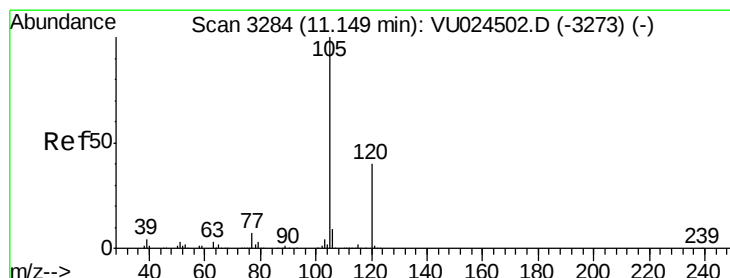
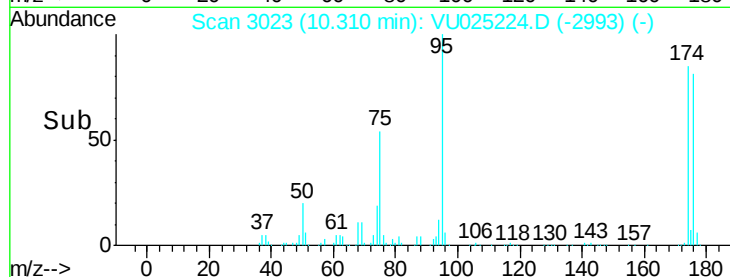
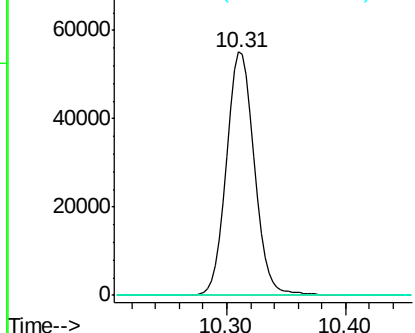
#81
trans-1,4-Dichloro-2-butene
Concen: 61.44 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
TP-4-S

Tot Ion: 75 Resp: 89818
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

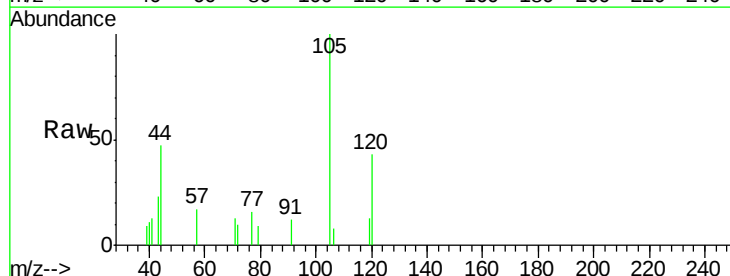


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

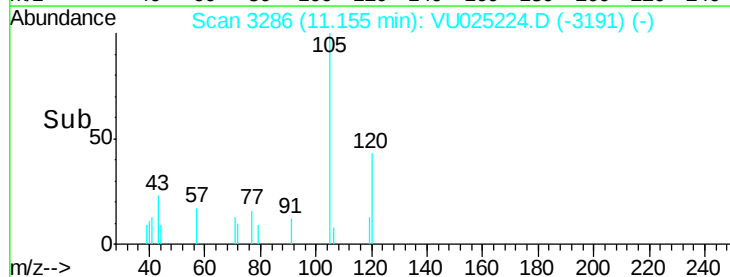
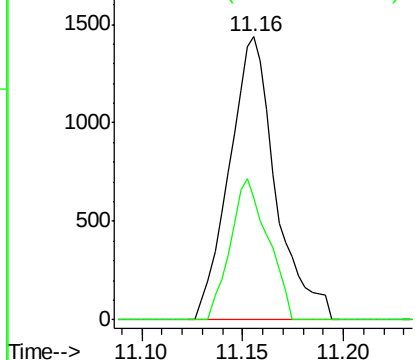


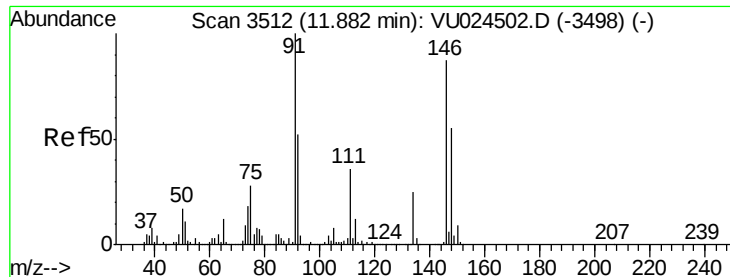
#84
1,2,4-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.16 min Scan# 3286
Delta R.T. 0.01 min
Lab File: VU025224.D
Acq: 05 Jul 2018 18:41

Tgt Ion:105 Resp: 2309
Ion Ratio Lower Upper
105 100
120 40.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#91

1,2-Dichlorobenzene

Concen: 0.25 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampled :

TP-4-S

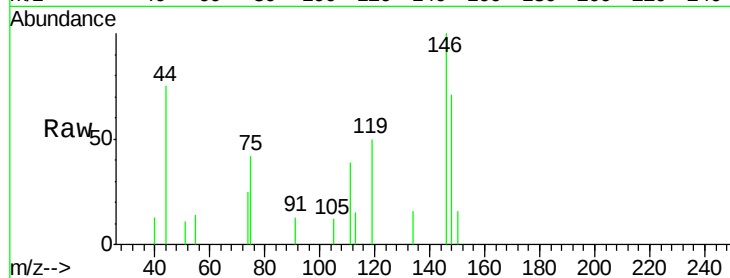
Tot Ion:146 Resp: 1370

Ion Ratio Lower Upper

146 100

111 34.4 20.5 61.6

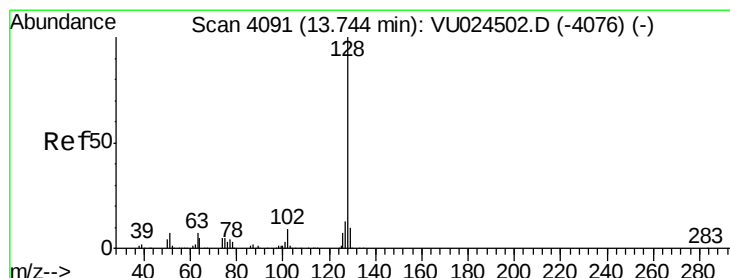
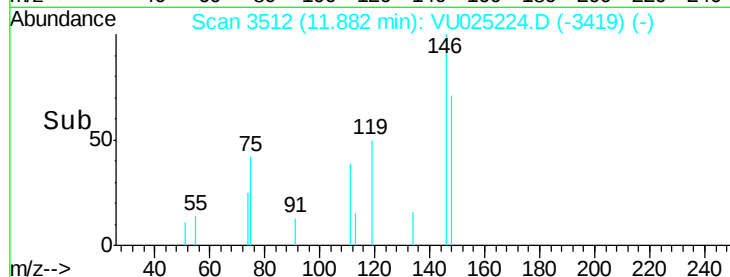
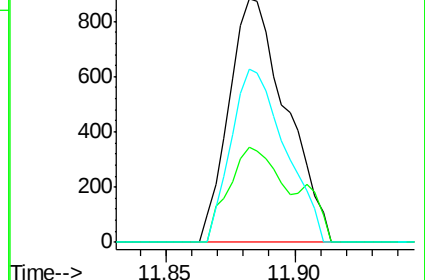
148 67.0 31.9 95.7



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: 3.81 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025224.D

Acq: 05 Jul 2018 18:41

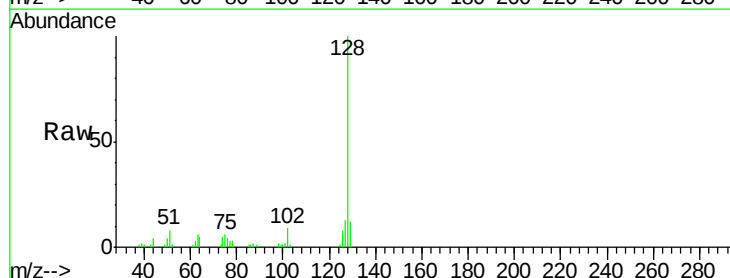
Tgt Ion:128 Resp: 35894

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.2 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

