

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU025001.D
 Acq On : 28 Jun 2018 05:47
 Operator : MD/SY
 Sample : J3671-03ME
 Misc : 6.88g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-15-17-180621ME

Quant Time: Jun 28 06:47:19 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

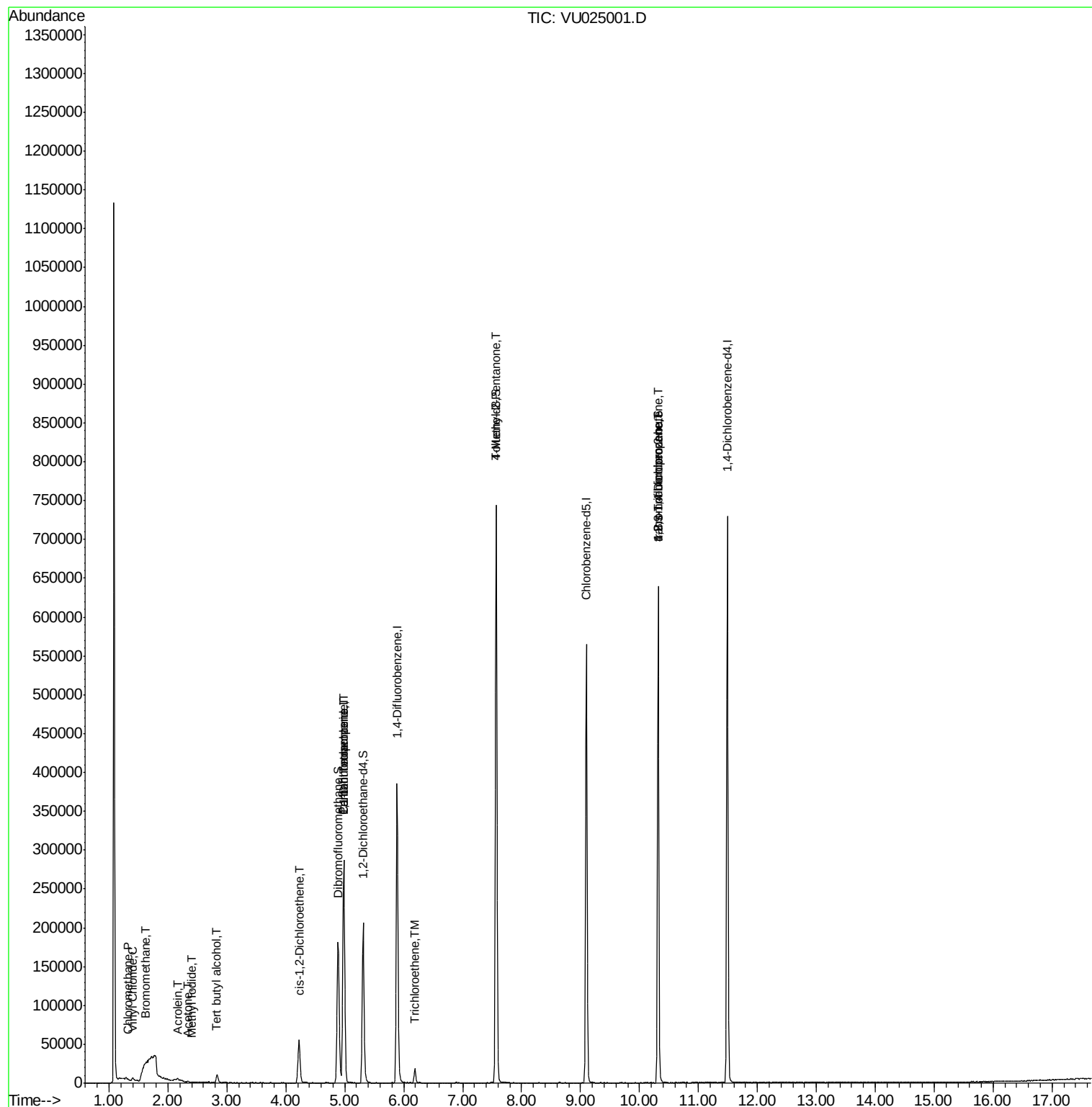
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	228688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	351936	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	337875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	190885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	176234	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	4.89	113	134694	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
50) Toluene-d8	7.57	98	515522	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	10.32	95	212366	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	882	0.302	ug/l	97
4) Vinyl Chloride	1.40	62	2782	0.922	ug/l #	71
5) Bromomethane	1.60	94	595	0.408	ug/l	99
6) Chloroethane	1.66	64	176	Below Cal		99
10) Methyl Iodide	2.40	142	143	5.341	ug/l #	40
11) Tert butyl alcohol	2.84	59	6296	6.934	ug/l #	78
13) Acrolein	2.18	56	233	0.489	ug/l #	50
16) Acetone	2.35	43	1224	0.610	ug/l #	44
27) cis-1,2-Dichloroethene	4.22	96	31976	9.698	ug/l	90
31) Cyclohexane	4.98	56	4642	Below Cal	#	2
36) 1,1-Dichloropropene	4.98	75	17197	4.158	ug/l #	51
38) Carbon Tetrachloride	4.99	117	22205	4.883	ug/l #	17
44) Trichloroethene	6.19	130	6550	1.953	ug/l	94
51) 4-Methyl-2-Pentanone	7.57	43	2503	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	10.32	75	109245	25.995	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.32	75	109245	60.162	ug/l #	100

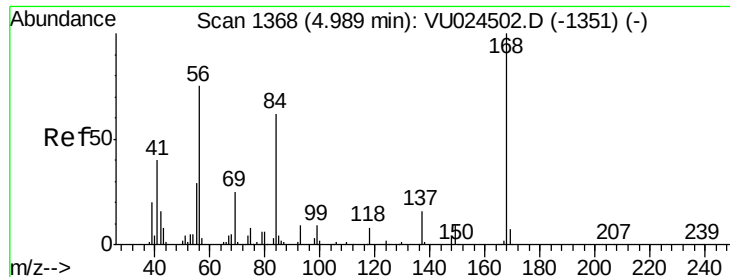
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

Instrument :

MSVOA_U

ClientSampleId :

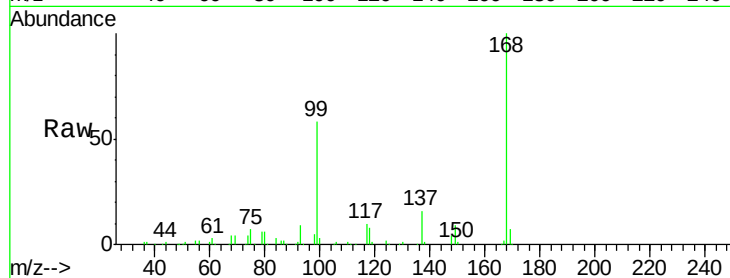
WP021SB478-15-17-180621ME

Tgt Ion:168 Resp: 228688

Ion Ratio Lower Upper

168 100

99 58.3 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) (-)

4.98

100000

80000

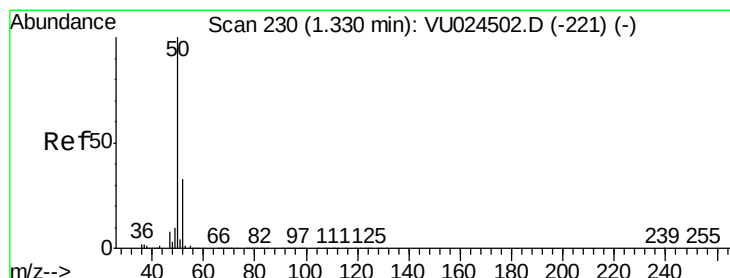
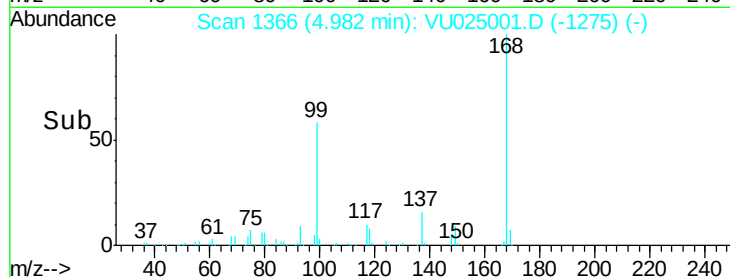
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.302 ug/l

RT: 1.32 min Scan# 227

Delta R.T. -0.01 min

Lab File: VU025001.D

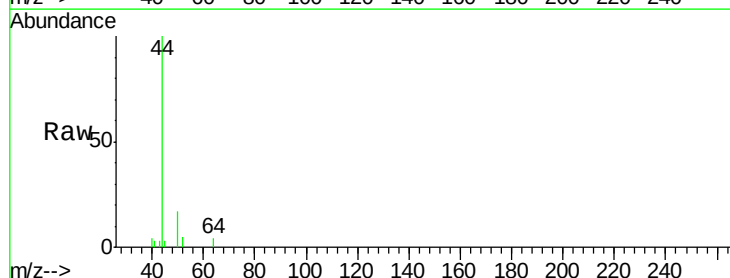
Acq: 28 Jun 2018 05:47

Tgt Ion: 50 Resp: 882

Ion Ratio Lower Upper

50 100

52 31.1 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) (-)

1.32

800

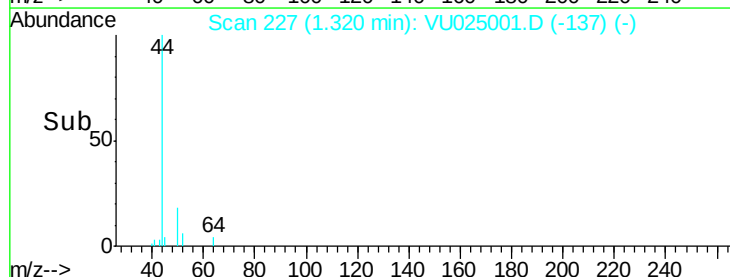
600

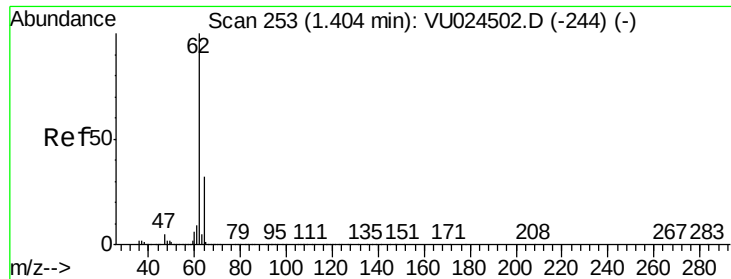
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.922 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

Instrument :

MSVOA_U

ClientSampleId :

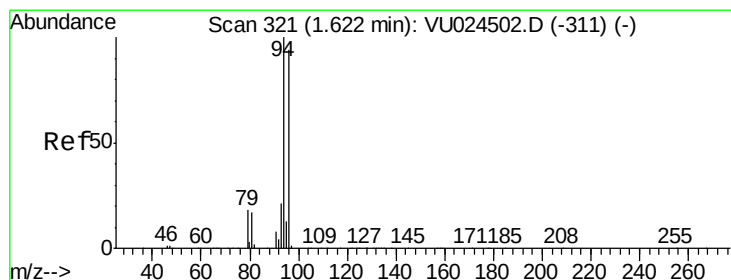
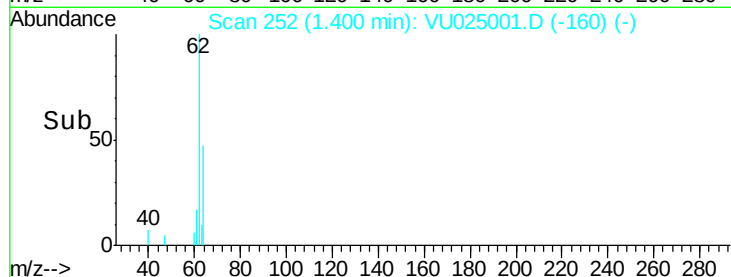
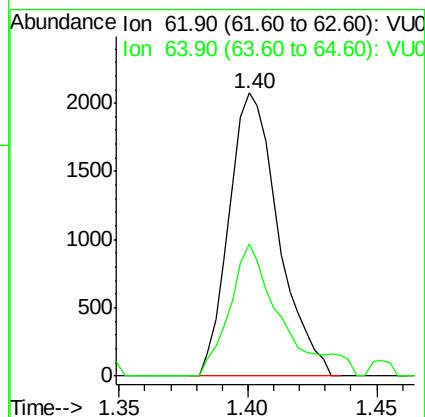
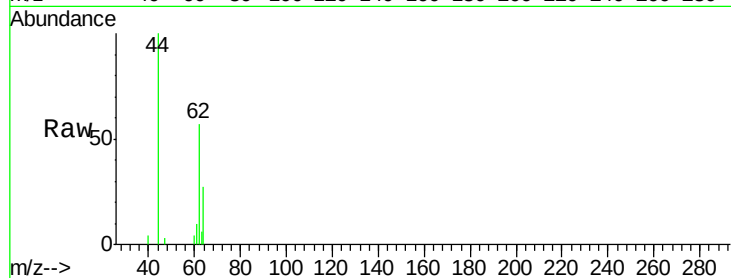
WP021SB478-15-17-180621ME

Tgt Ion: 62 Resp: 2782

Ion Ratio Lower Upper

62 100

64 46.8 24.8 37.2#



#5

Bromomethane

Concen: 0.408 ug/l

RT: 1.60 min Scan# 315

Delta R.T. -0.02 min

Lab File: VU025001.D

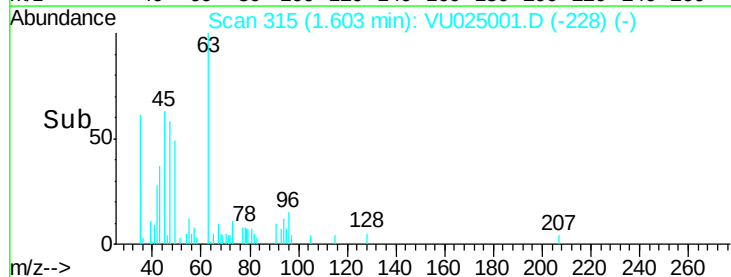
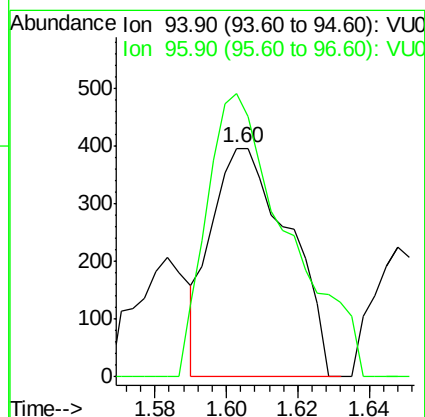
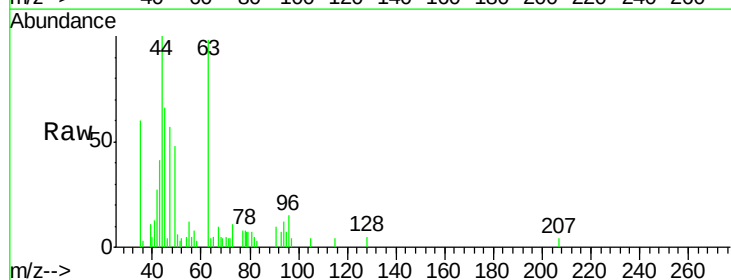
Acq: 28 Jun 2018 05:47

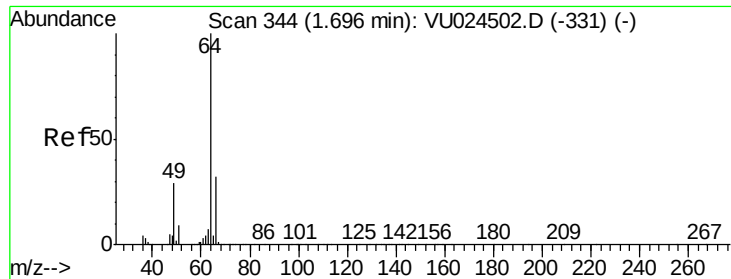
Tgt Ion: 94 Resp: 595

Ion Ratio Lower Upper

94 100

96 92.2 74.5 111.7





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 334

Delta R.T. -0.03 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

Instrument :

MSVOA_U

ClientSampleId :

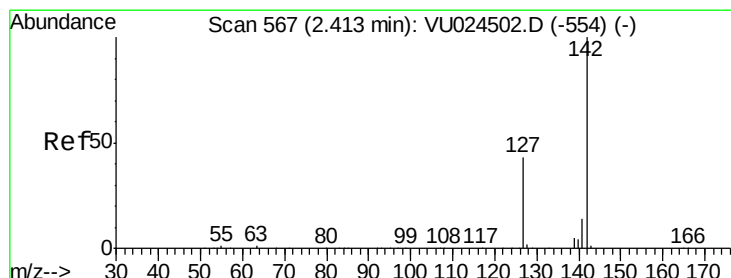
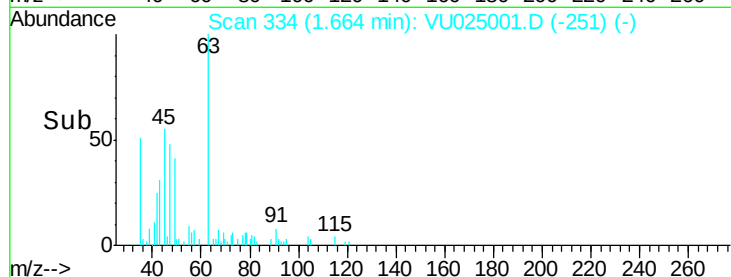
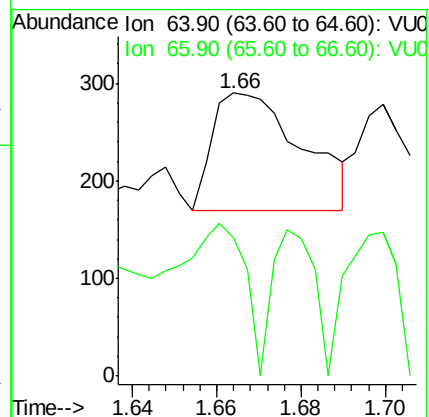
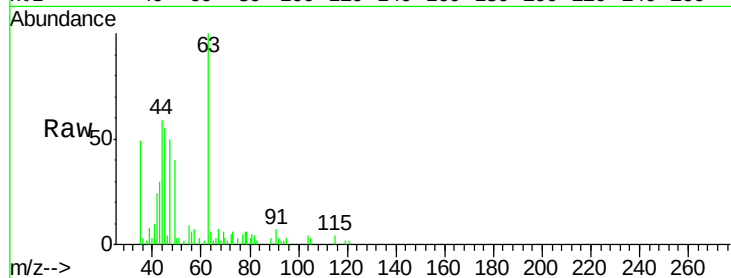
WP021SB478-15-17-180621ME

Tgt Ion: 64 Resp: 176

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



#10

Methyl Iodide

Concen: 5.341 ug/l

RT: 2.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

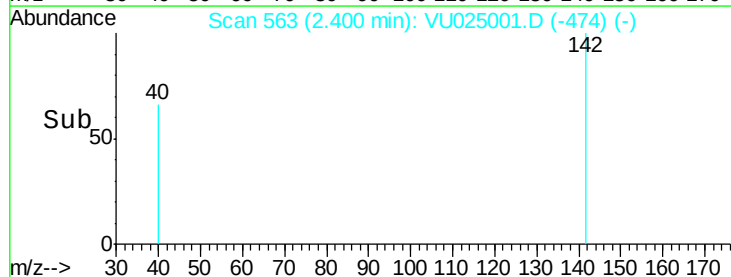
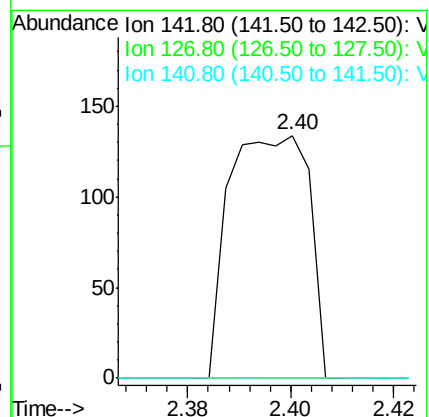
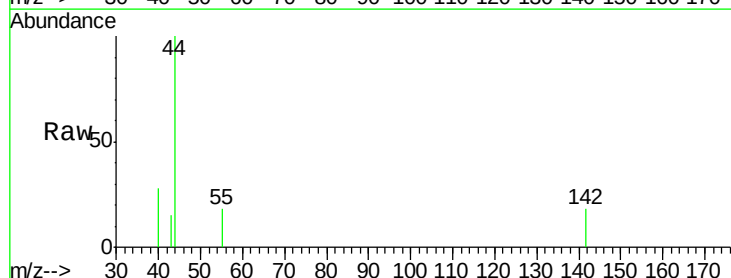
Tgt Ion: 142 Resp: 143

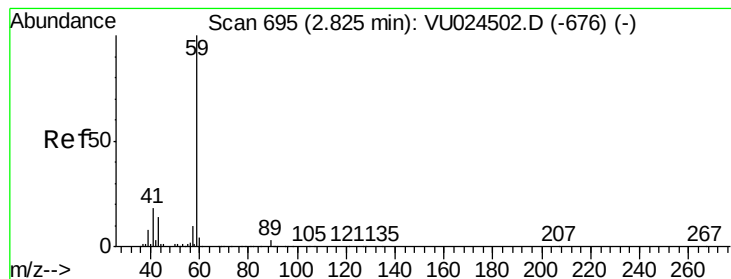
Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#



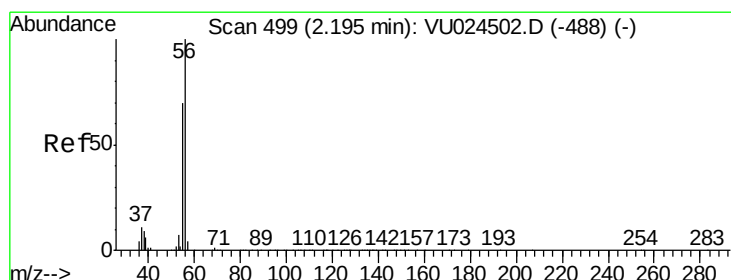
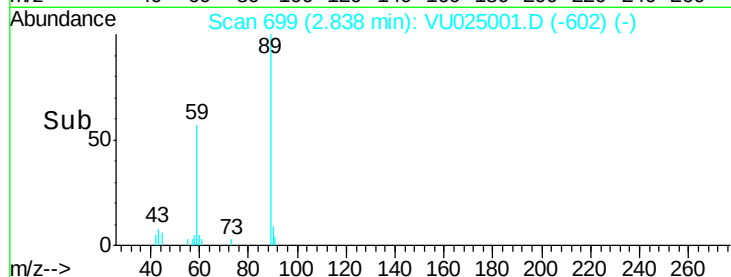
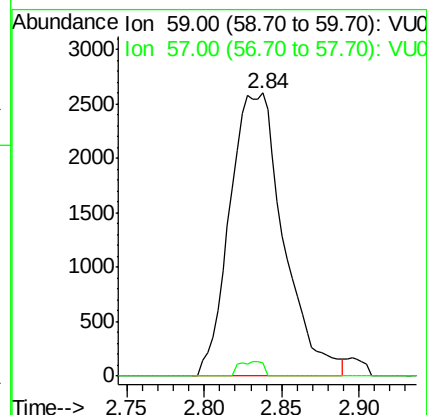
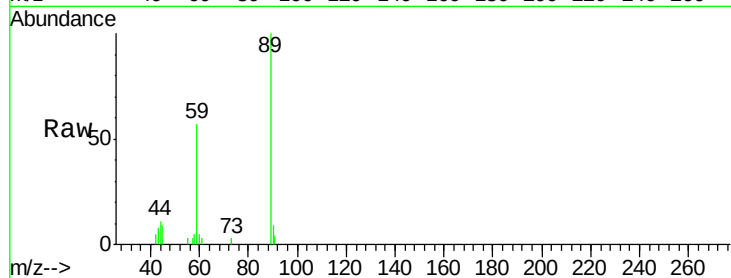


#11

Tert butyl alcohol
 Concen: 6.934 ug/l
 RT: 2.84 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-15-17-180621ME

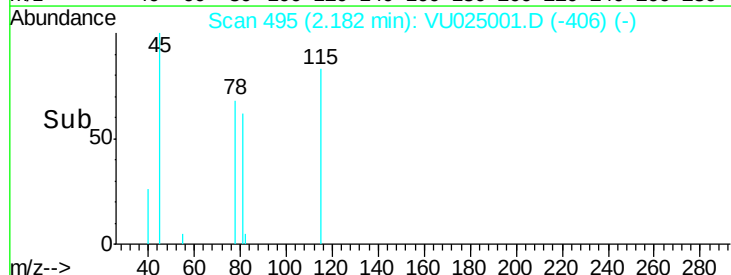
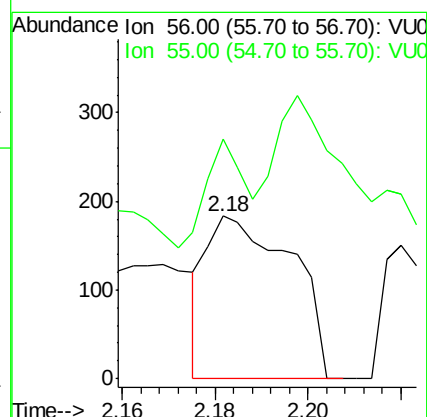
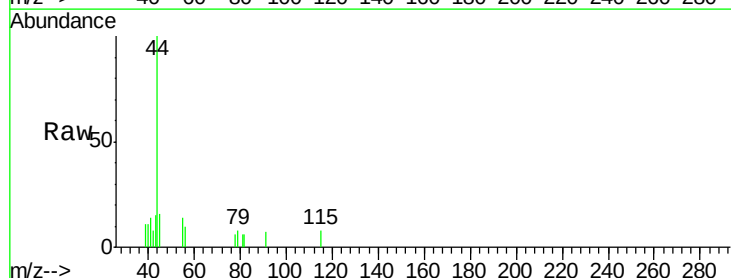
Tgt Ion: 59 Resp: 6296
 Ion Ratio Lower Upper
 59 100
 57 2.3 8.5 12.7#

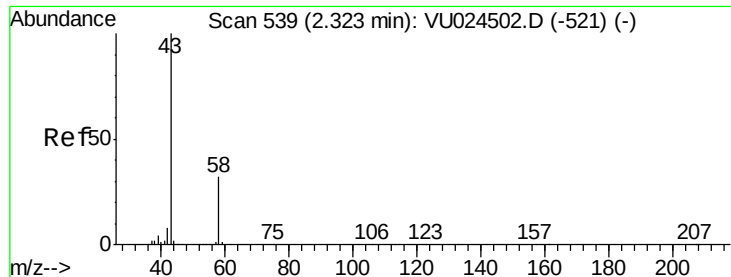


#13

Acrolein
 Concen: 0.489 ug/l
 RT: 2.18 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Tgt Ion: 56 Resp: 233
 Ion Ratio Lower Upper
 56 100
 55 31.3 58.4 87.6#





#16

Acetone

Concen: 0.610 ug/l

RT: 2.35 min Scan# 547

Delta R.T. 0.03 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

Instrument :

MSVOA_U

ClientSampleId :

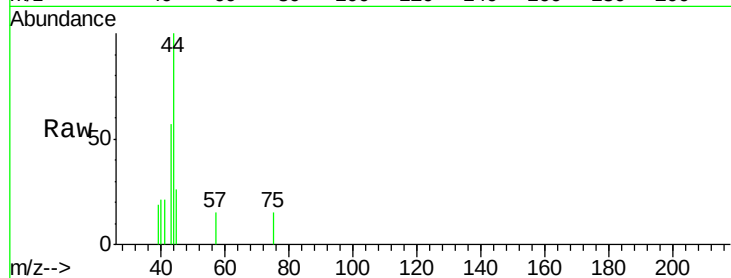
WP021SB478-15-17-180621ME

Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.35

400

300

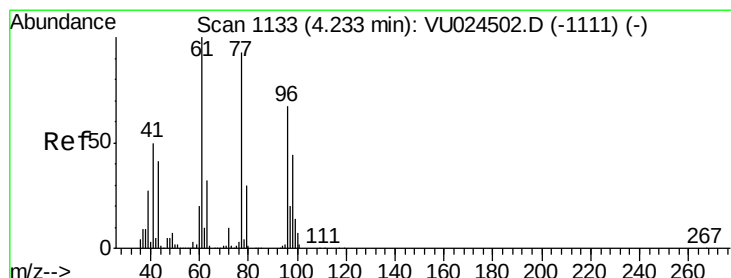
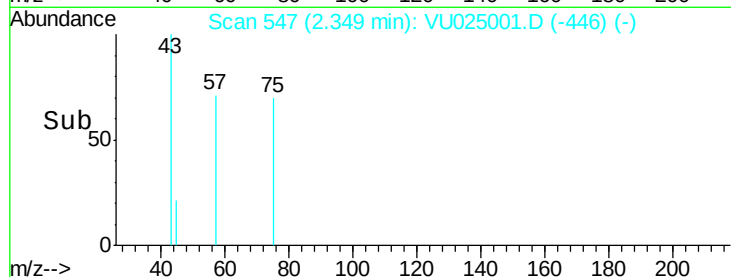
200

100

0

2.30 2.35 2.40

Time-->



#27

cis-1,2-Dichloroethene

Concen: 9.698 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

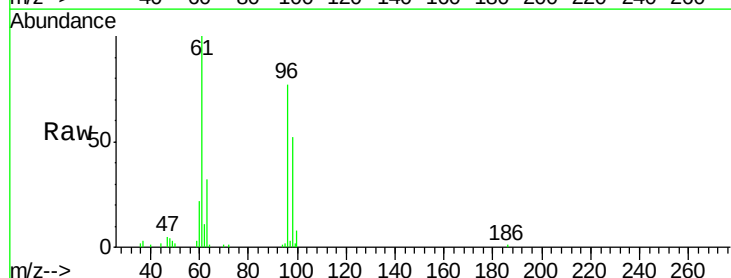
Tgt Ion: 96 Resp: 31976

Ion Ratio Lower Upper

96 100

61 135.5 0.0 306.6

98 65.4 0.0 128.8



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

20000

15000

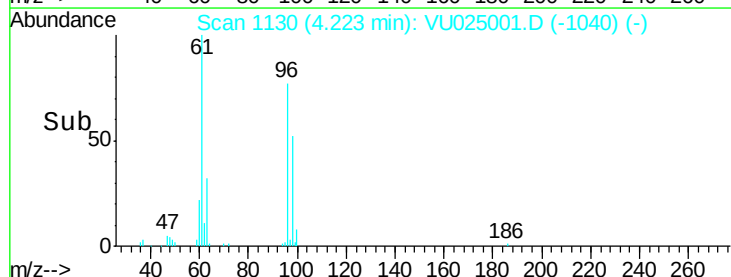
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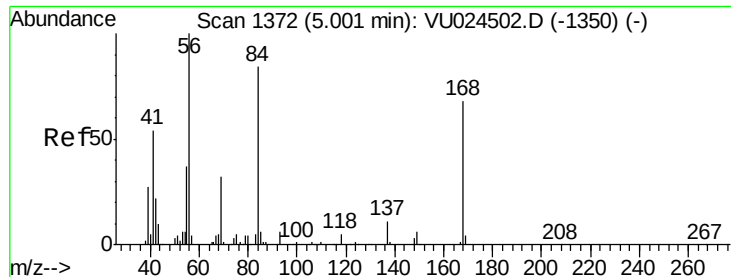
5000

0

4.15 4.20 4.25 4.30

Time-->

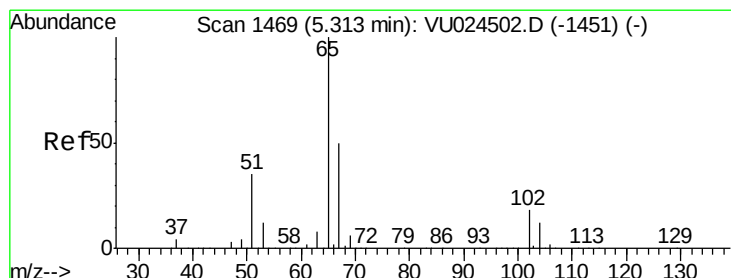
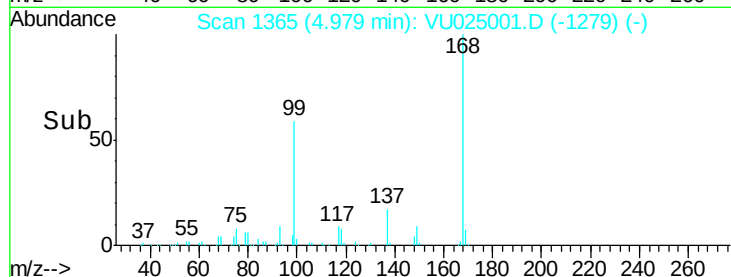
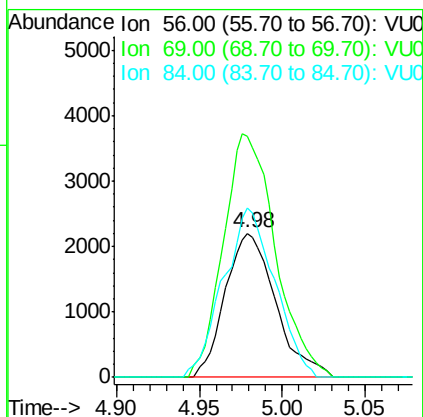
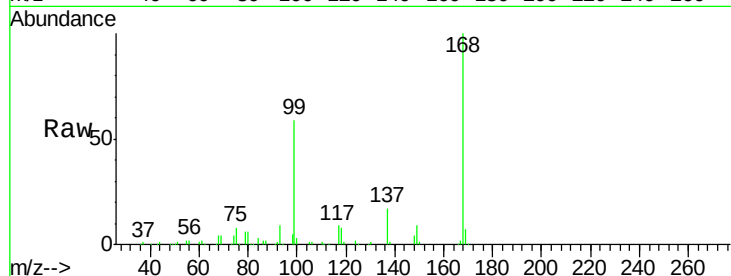




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VU025001.D
Acq: 28 Jun 2018 05:47

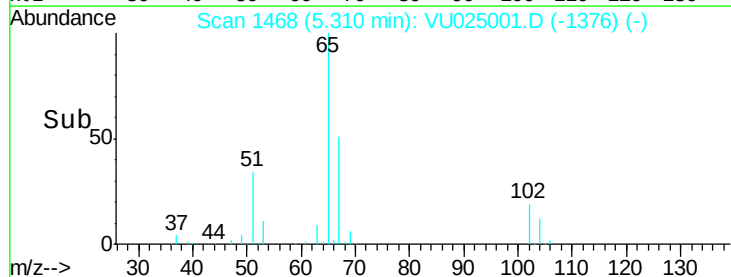
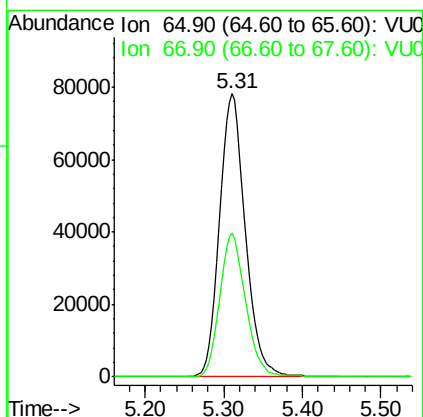
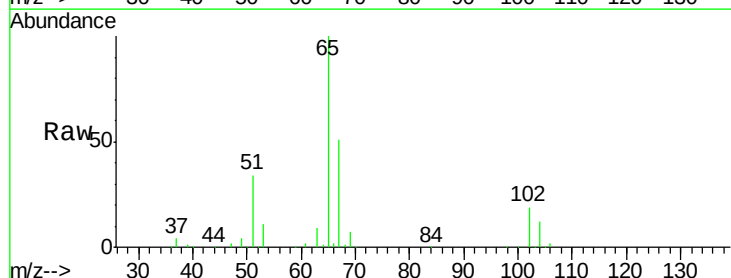
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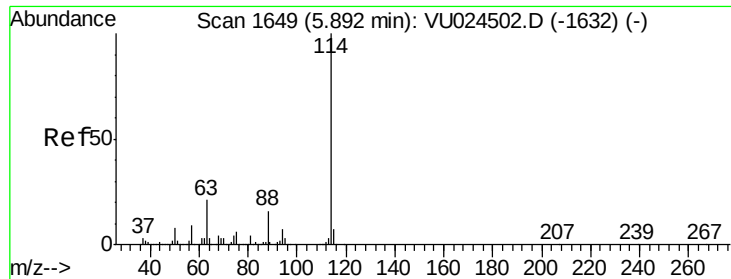
Tgt Ion: 56 Resp: 4642
Ion Ratio Lower Upper
56 100
69 167.7 24.8 37.2#
84 117.6 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 47.205 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025001.D
Acq: 28 Jun 2018 05:47

Tgt Ion: 65 Resp: 176234
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.0

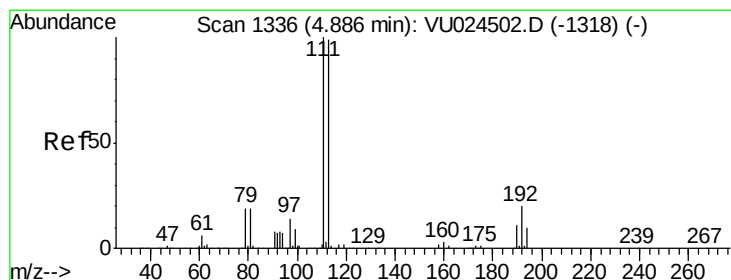
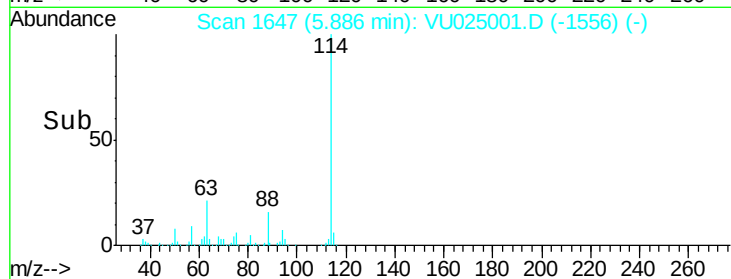
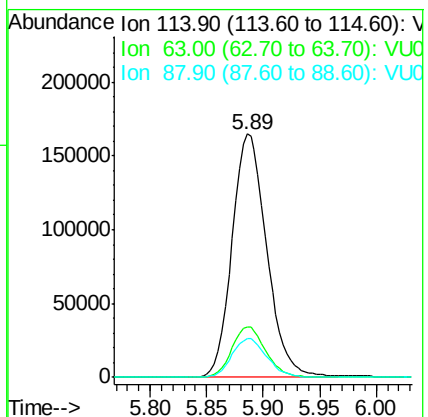
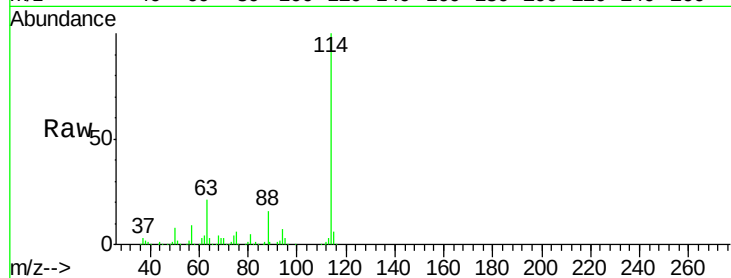




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

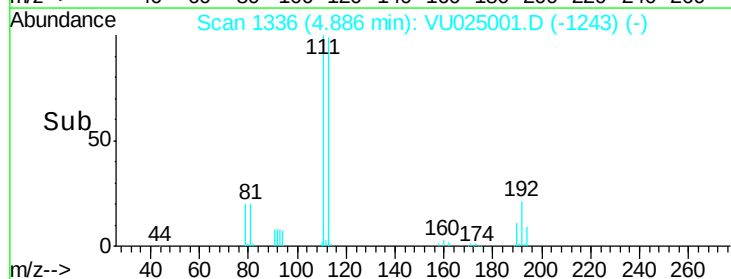
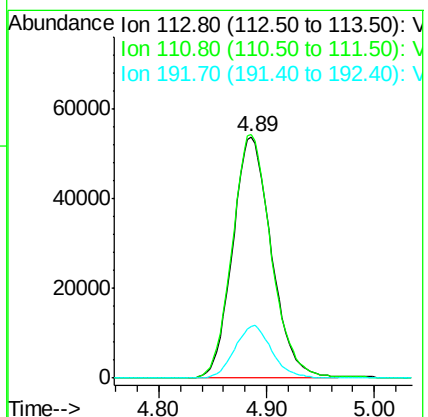
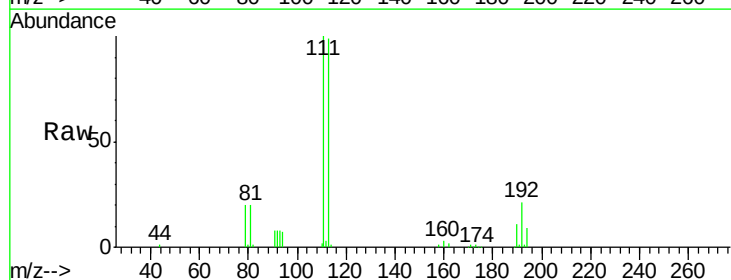
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-15-17-180621ME

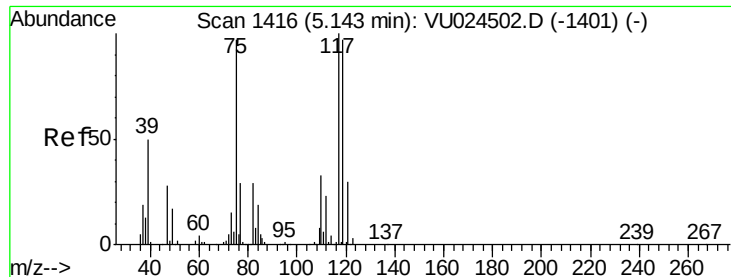
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	45.4
88	15.9	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 46.115 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	20.8	16.2	24.4

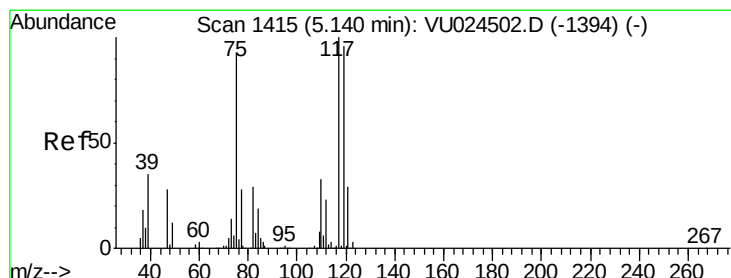
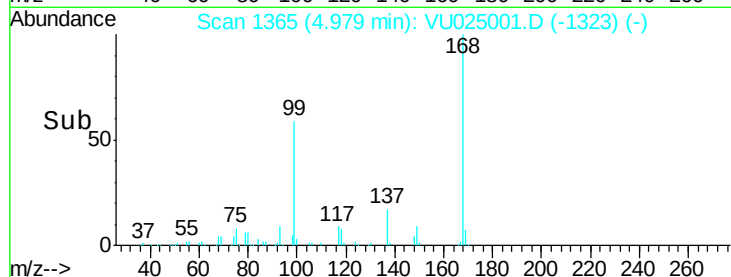
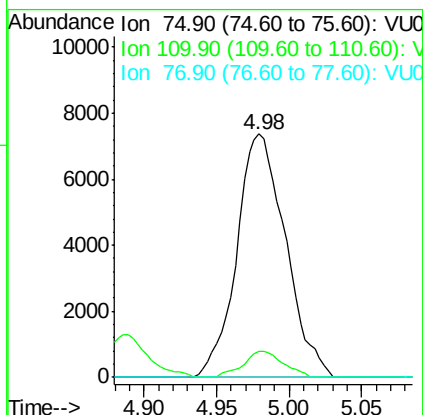
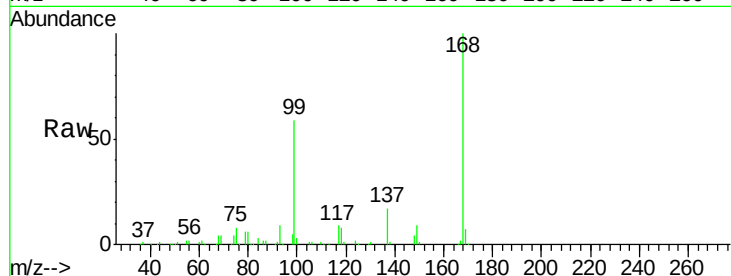




#36
 1,1-Dichloropropene
 Concen: 4.158 ug/l
 RT: 4.98 min Scan# 1365
 Delta R.T. -0.16 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

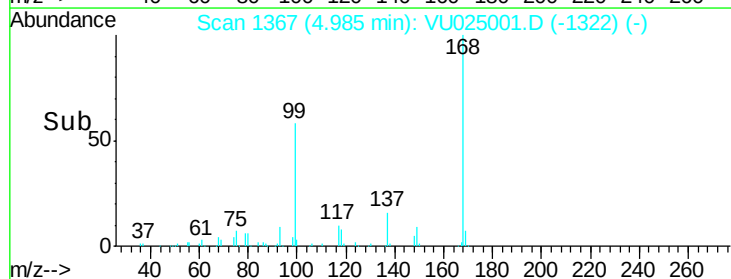
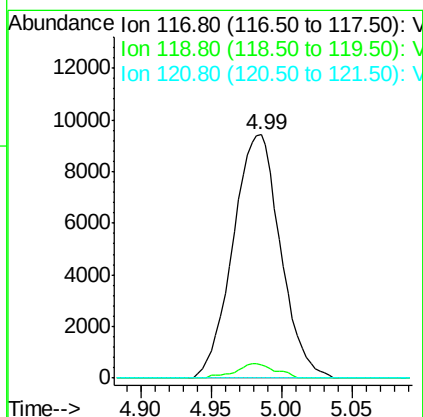
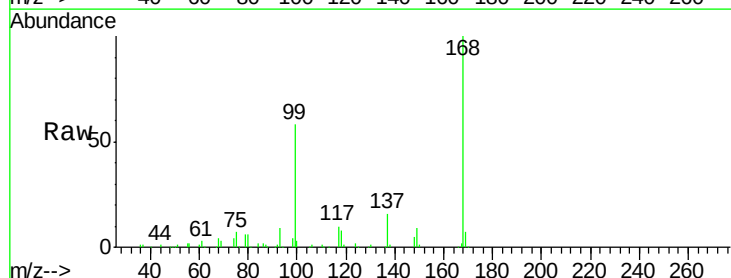
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-15-17-180621ME

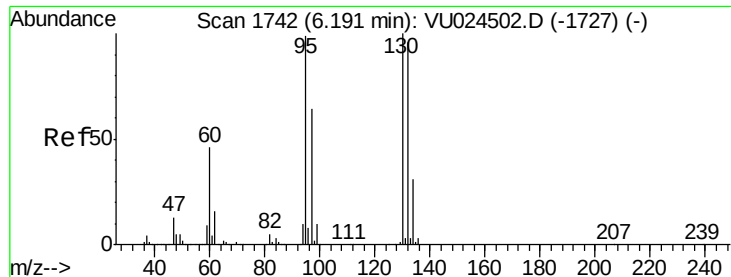
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 4.883 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	23.7	35.5#





#44

Trichloroethene

Concen: 1.953 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025001.D

Acq: 28 Jun 2018 05:47

Instrument :

MSVOA_U

ClientSampleId :

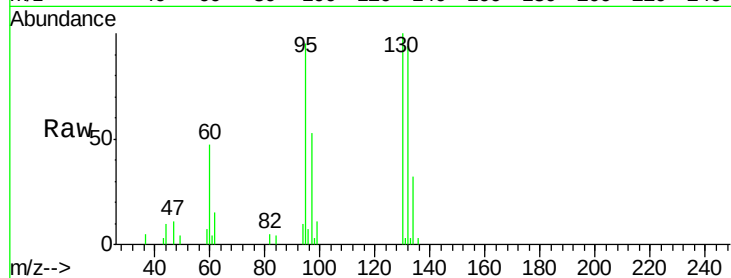
WP021SB478-15-17-180621ME

Tgt Ion:130 Resp: 6550

Ion Ratio Lower Upper

130 100

95 95.0 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

4000

3000

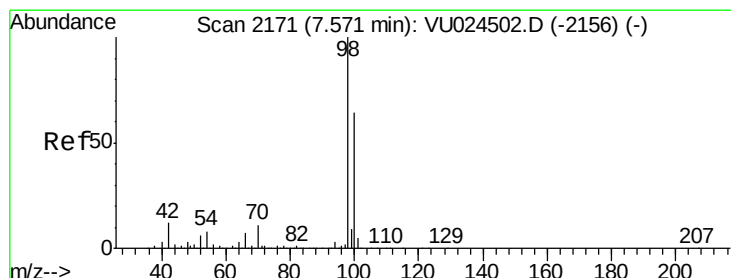
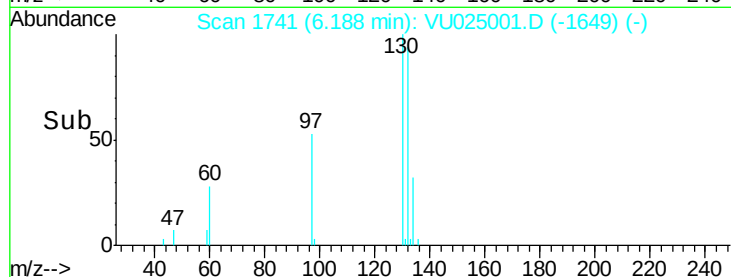
2000

1000

0

6.15 6.20 6.25

Time-->



#50

Toluene-d8

Concen: 48.388 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025001.D

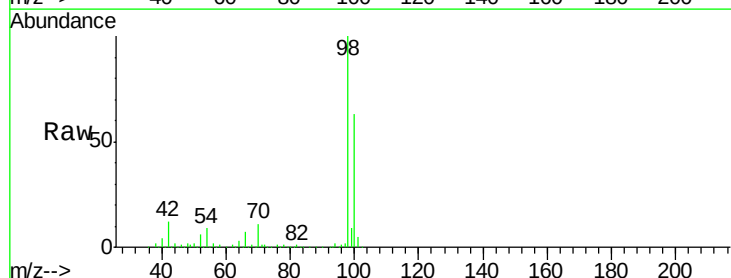
Acq: 28 Jun 2018 05:47

Tgt Ion: 98 Resp: 515522

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

7.57

300000

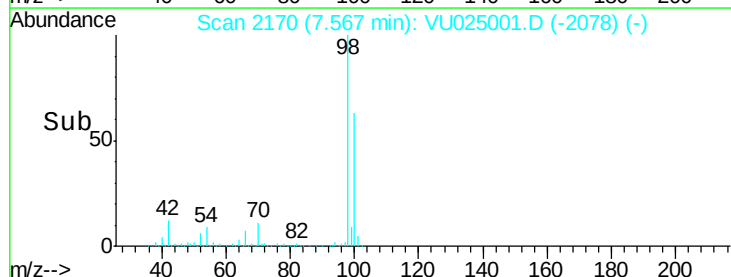
200000

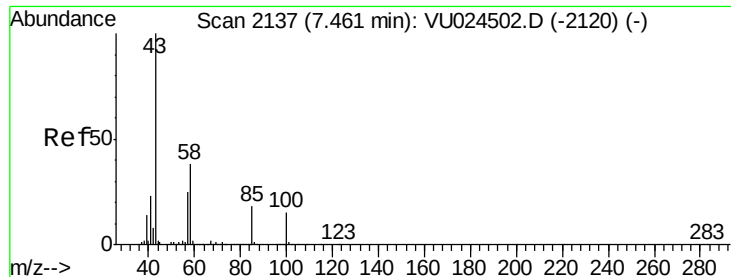
100000

0

7.50 7.55 7.60 7.65

Time-->

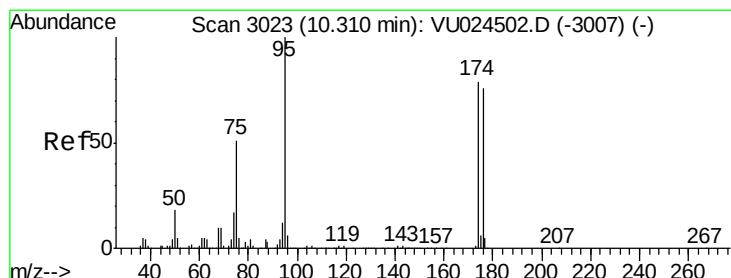
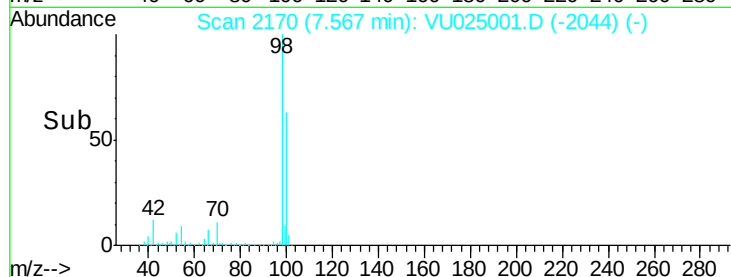
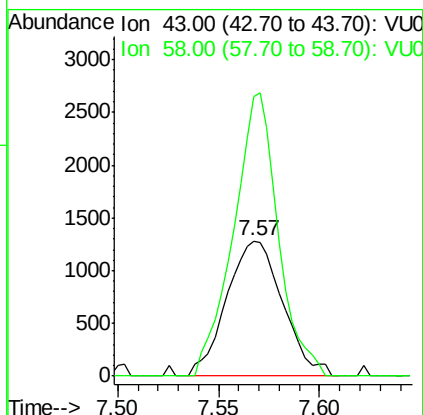
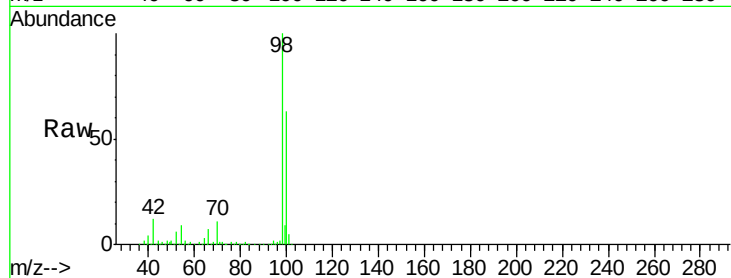




#51
 4-Methyl-2-Pentanone
 Concen: 0.511 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.11 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

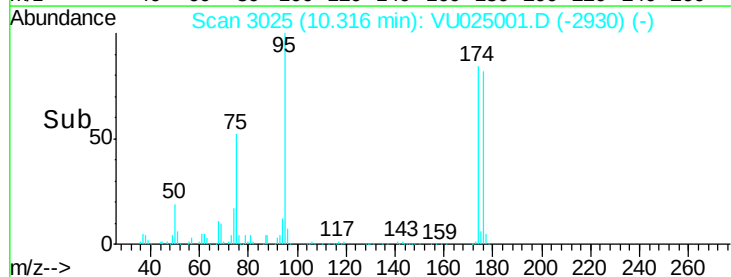
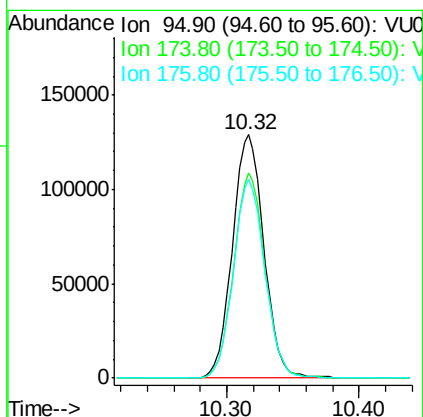
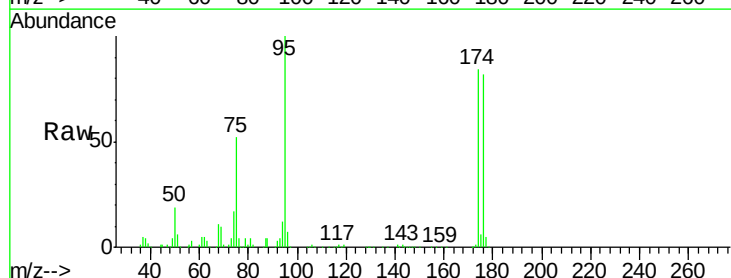
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-15-17-180621ME

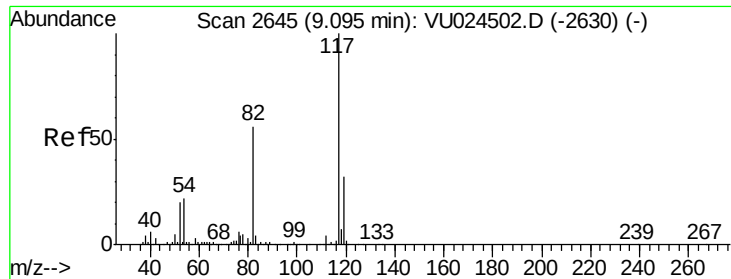
Tgt Ion: 43 Resp: 2503
 Ion Ratio Lower Upper
 43 100
 58 165.8 30.0 45.0#



#62
 4-Bromofluorobenzene
 Concen: 50.204 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. 0.01 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Tgt Ion: 95 Resp: 212366
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 165.8
 176 81.6 0.0 159.4

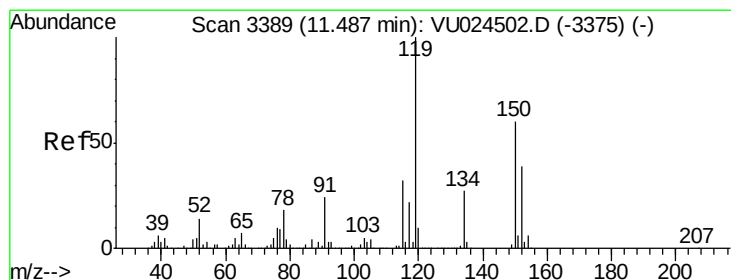
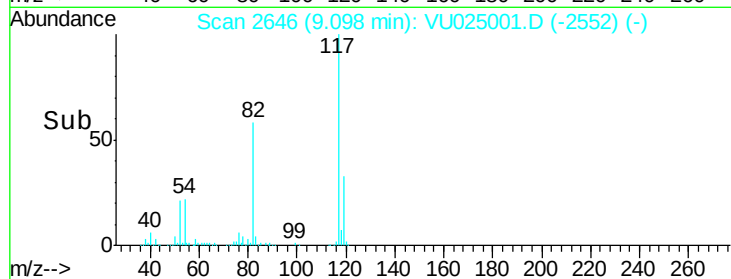
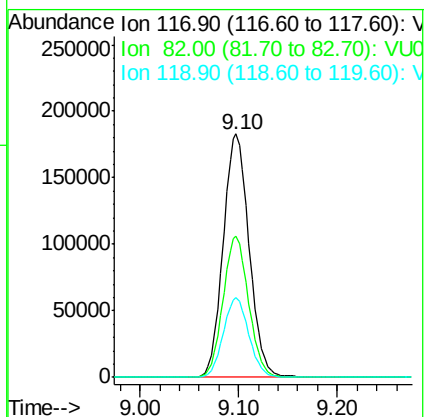
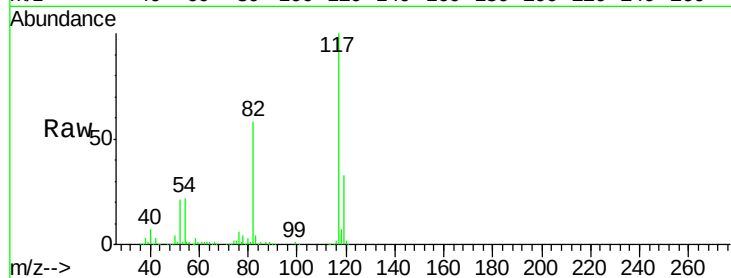




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025001.D
Acq: 28 Jun 2018 05:47

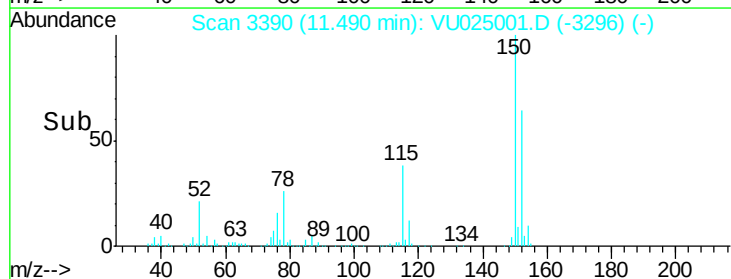
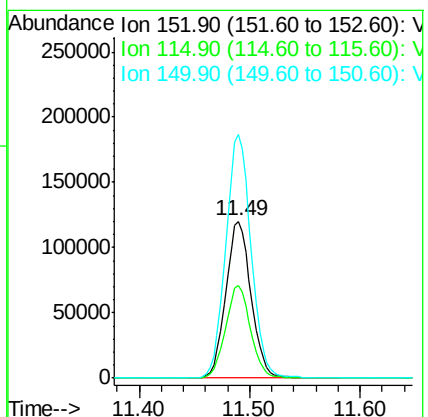
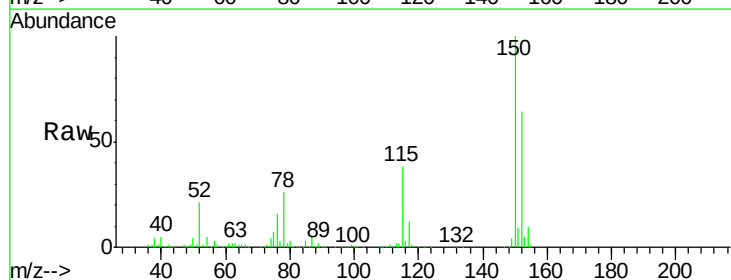
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-15-17-180621ME

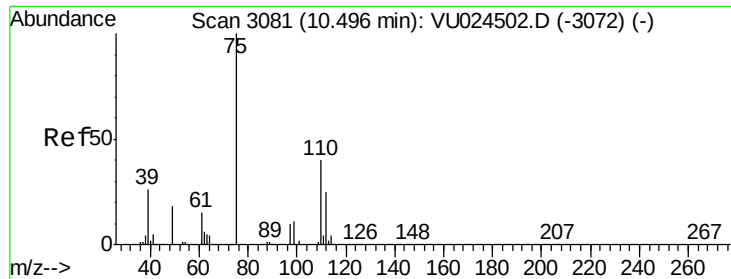
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.3	66.5
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025001.D
Acq: 28 Jun 2018 05:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.0	129.0
150	155.8	0.0	354.0

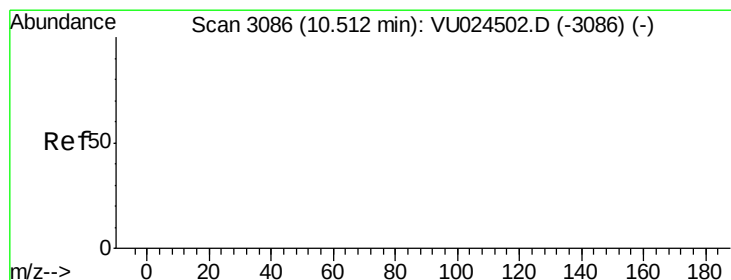
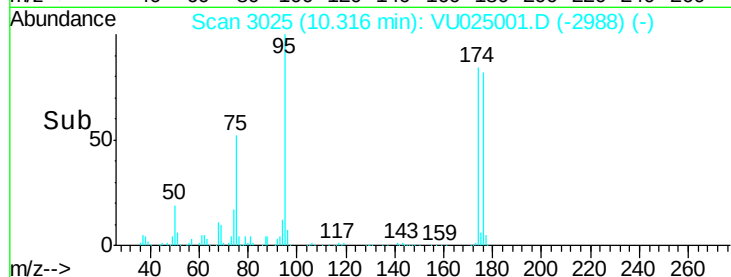
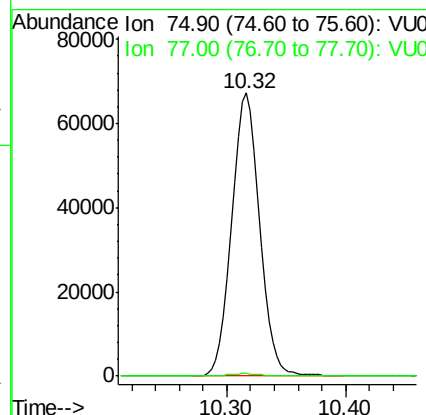
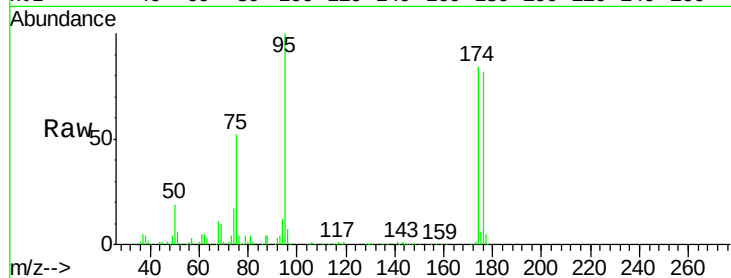




#76
 1,2,3-Trichloropropane
 Concen: 25.995 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. -0.18 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-15-17-180621ME

Tgt Ion: 75 Resp: 109245
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.162 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. -0.20 min
 Lab File: VU025001.D
 Acq: 28 Jun 2018 05:47

Tgt Ion: 75 Resp: 109245
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

