

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024978.D
 Acq On : 27 Jun 2018 20:06
 Operator : MD/SY
 Sample : J3670-04ME
 Misc : 5.73g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-15-17-180621ME

Quant Time: Jun 28 02:28:53 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

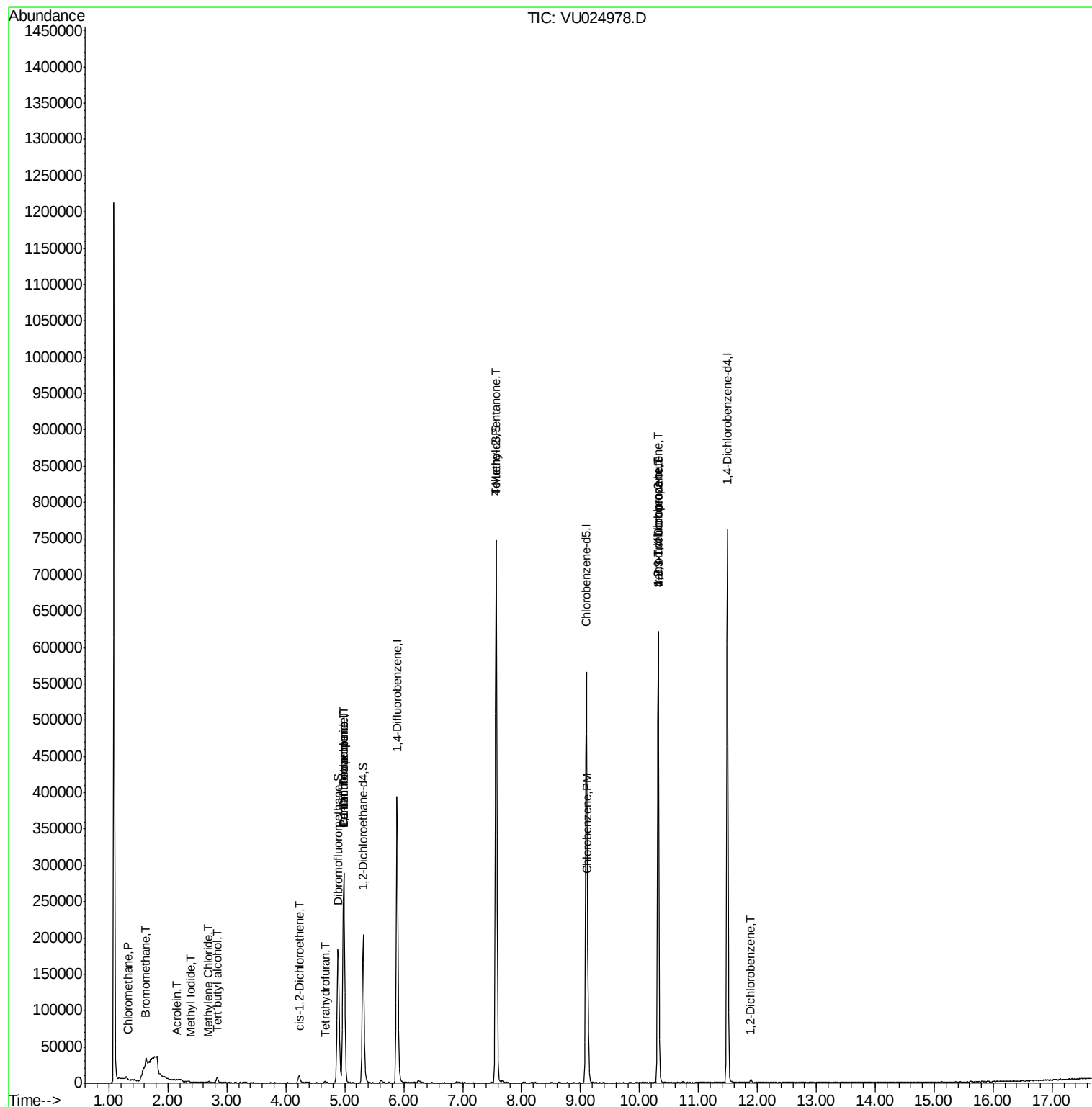
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	235387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	361031	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	343915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	198373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	177426	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
35) Dibromofluoromethane	4.89	113	137994	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	7.57	98	522470	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	10.32	95	214852	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1070	0.355	ug/l #	79
5) Bromomethane	1.61	94	931	0.620	ug/l #	50
6) Chloroethane	1.72	64	97	Below Cal	#	44
8) Diethyl Ether	1.95	74	20	Below Cal	#	1
10) Methyl Iodide	2.39	142	237	5.374	ug/l #	73
11) Tert butyl alcohol	2.83	59	4054	4.338	ug/l #	72
13) Acrolein	2.16	56	145	0.295	ug/l #	30
20) Methylene Chloride	2.70	84	843	0.260	ug/l #	78
27) cis-1,2-Dichloroethene	4.23	96	6166	1.817	ug/l #	89
29) Tetrahydrofuran	4.65	42	593	0.345	ug/l #	54
31) Cyclohexane	4.98	56	4774	Below Cal	#	18
36) 1,1-Dichloropropene	4.98	75	17284	4.074	ug/l #	50
38) Carbon Tetrachloride	4.98	117	22164	4.751	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	2557	0.509	ug/l #	1
65) Chlorobenzene	9.13	112	52729	6.002	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	109831	25.148	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.32	75	109831	58.202	ug/l #	100
91) 1,2-Dichlorobenzene	11.89	146	1977	0.277	ug/l	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
Data File : VU024978.D
Acq On : 27 Jun 2018 20:06
Operator : MD/SY
Sample : J3670-04ME
Misc : 5.73g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

Quant Time: Jun 28 02:28:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

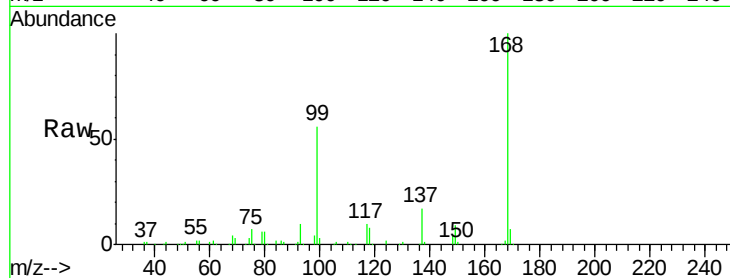
WP021SB487-15-17-180621ME

Tgt Ion:168 Resp: 235387

Ion Ratio Lower Upper

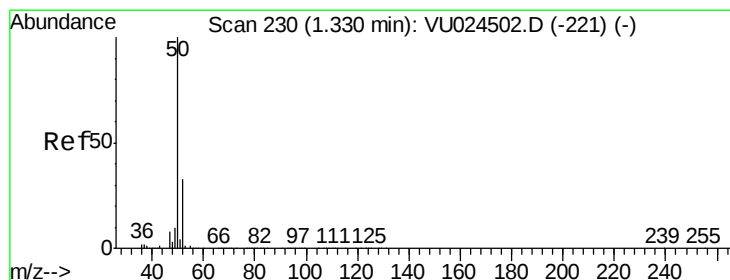
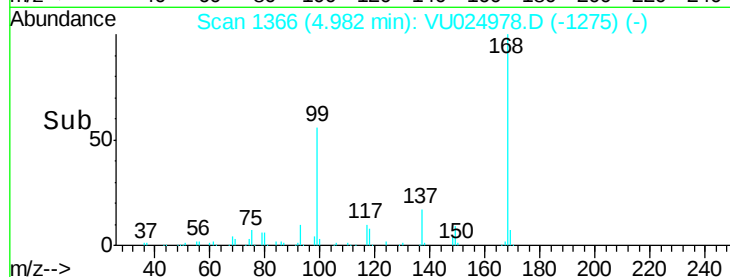
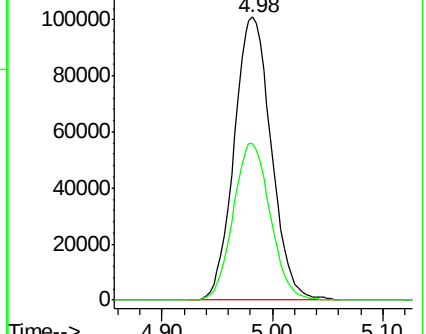
168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024978.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024978.D (-1275) (-)



#3

Chloromethane

Concen: 0.355 ug/l

RT: 1.32 min Scan# 227

Delta R.T. -0.01 min

Lab File: VU024978.D

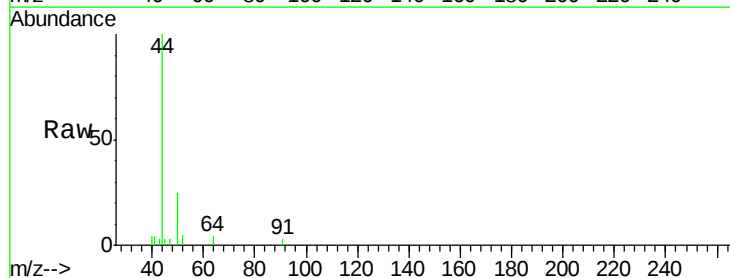
Acq: 27 Jun 2018 20:06

Tgt Ion: 50 Resp: 1070

Ion Ratio Lower Upper

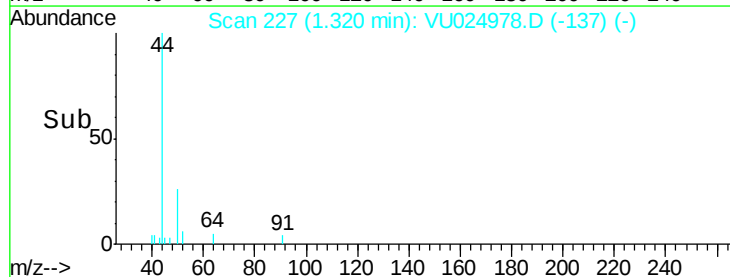
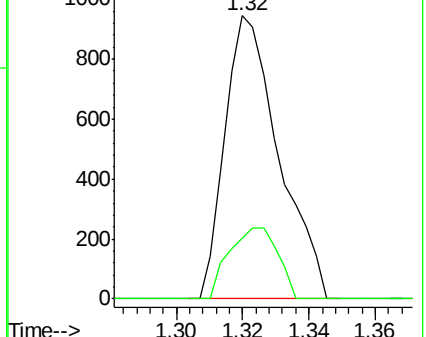
50 100

52 21.3 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU024978.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024978.D (-137) (-)





#5

Bromomethane

Concen: 0.620 ug/l

RT: 1.61 min Scan# 316

Delta R.T. -0.02 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

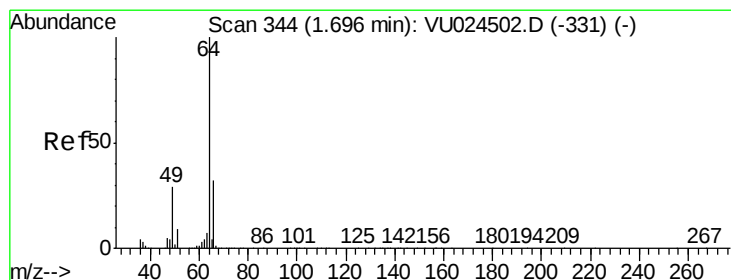
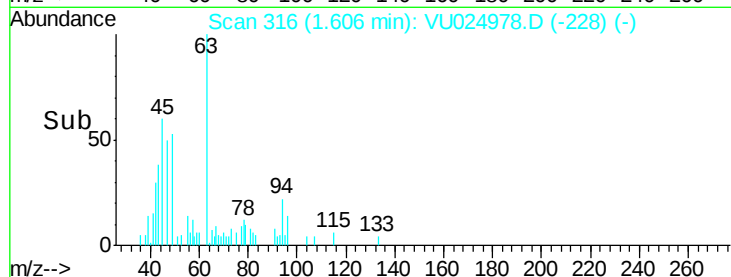
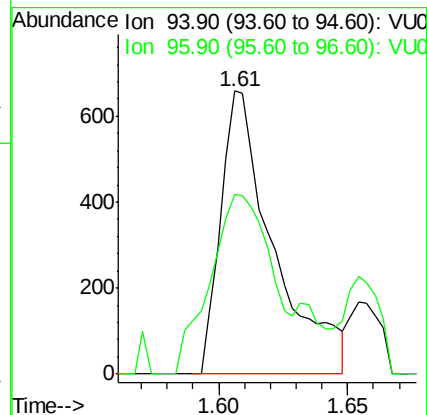
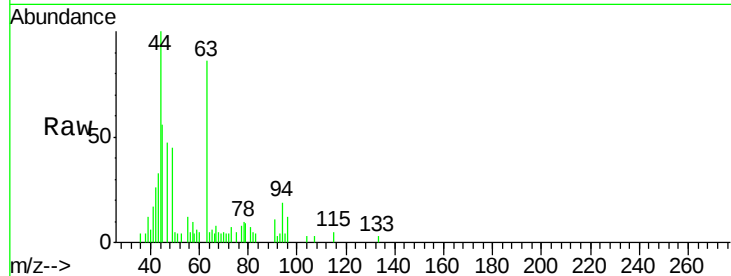
WP021SB487-15-17-180621ME

Tgt Ion: 94 Resp: 931

Ion Ratio Lower Upper

94 100

96 45.0 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 350

Delta R.T. 0.02 min

Lab File: VU024978.D

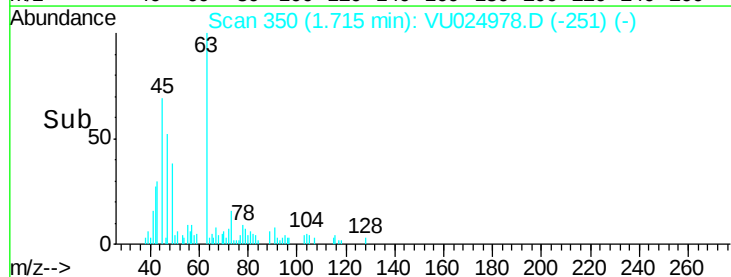
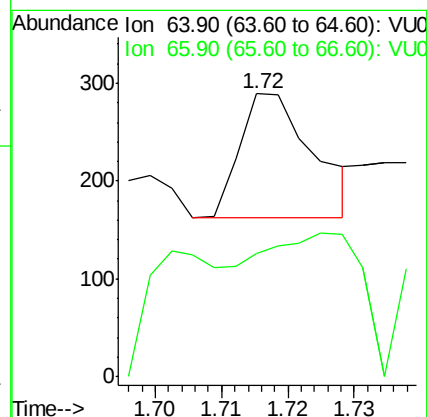
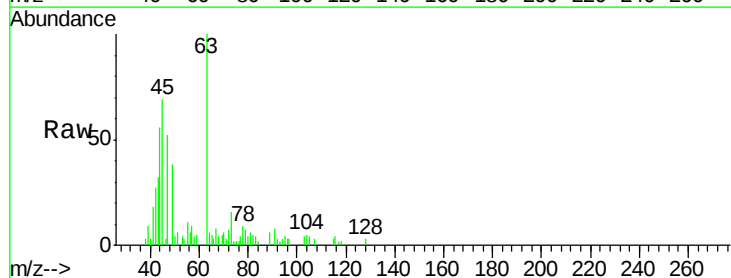
Acq: 27 Jun 2018 20:06

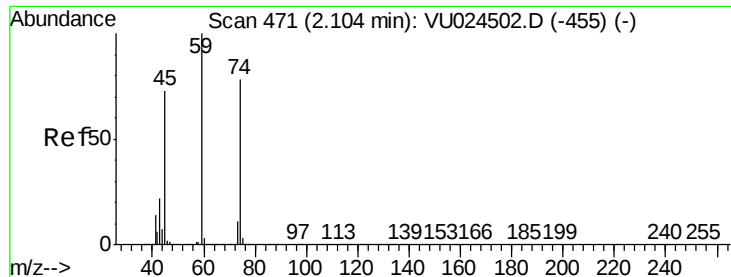
Tgt Ion: 64 Resp: 97

Ion Ratio Lower Upper

64 100

66 0.8 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 1.95 min Scan# 422

Delta R.T. -0.16 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

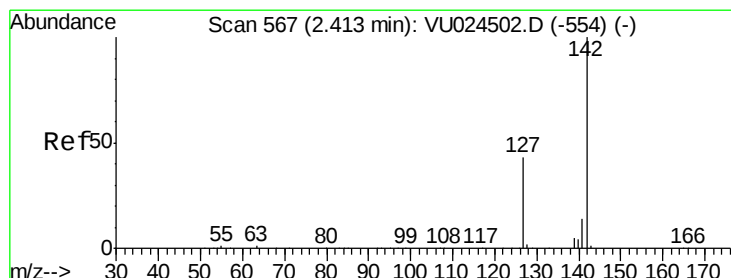
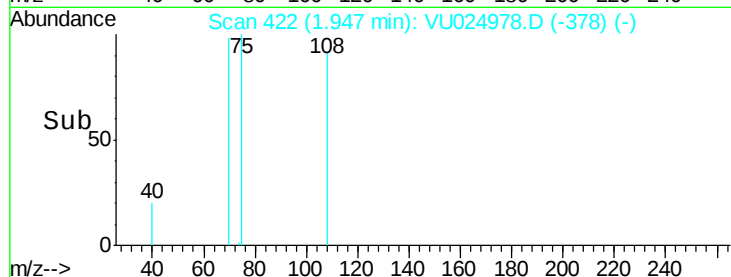
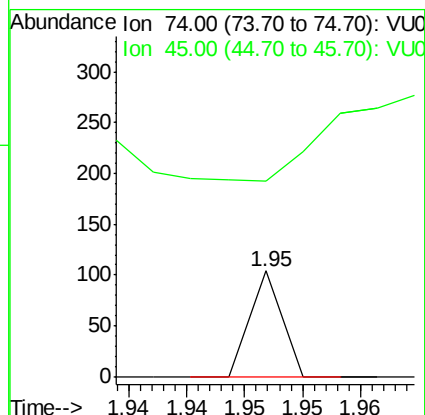
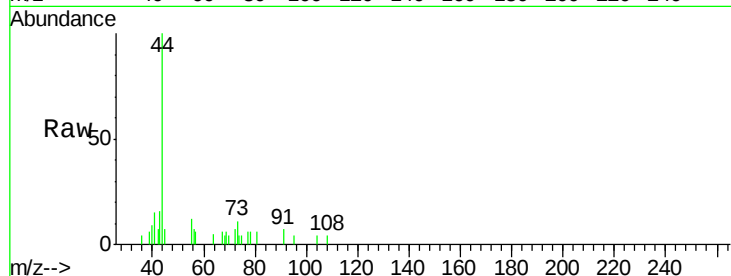
WP021SB487-15-17-180621ME

Tgt Ion: 74 Resp: 20

Ion Ratio Lower Upper

74 100

45 705.0 55.0 165.0#



#10

Methyl Iodide

Concen: 5.374 ug/l

RT: 2.39 min Scan# 559

Delta R.T. -0.03 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

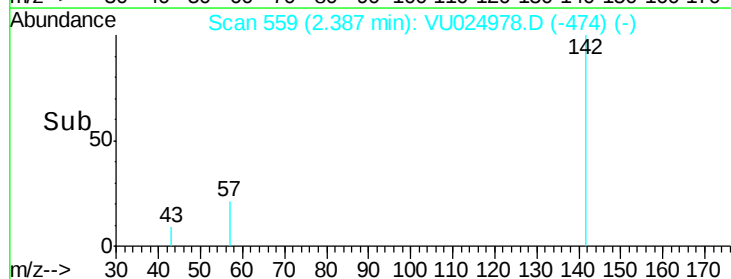
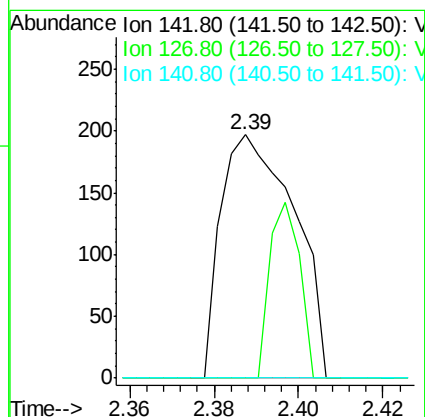
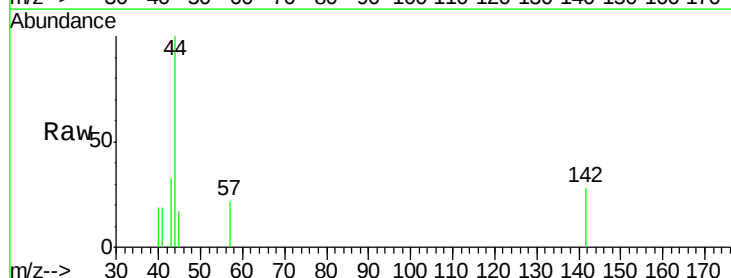
Tgt Ion: 142 Resp: 237

Ion Ratio Lower Upper

142 100

127 29.1 35.6 53.4#

141 0.0 11.7 17.5#

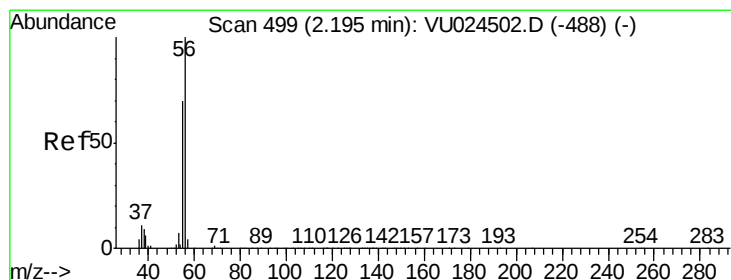
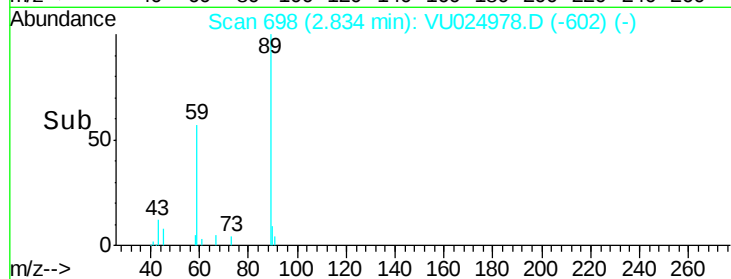
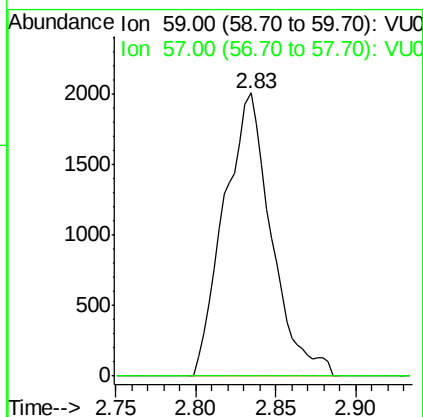
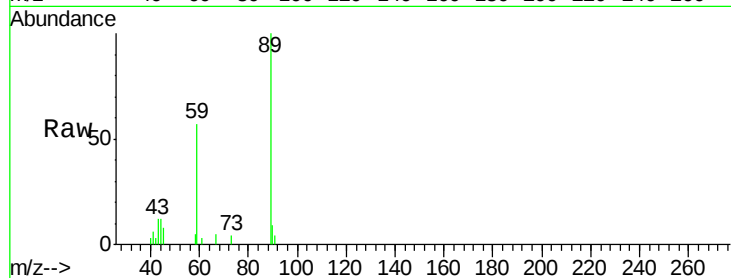




#11
Tert butyl alcohol
Concen: 4.338 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

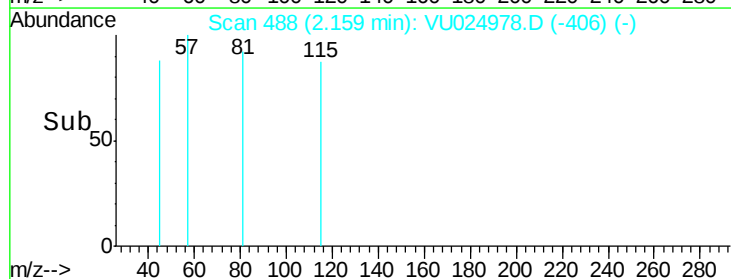
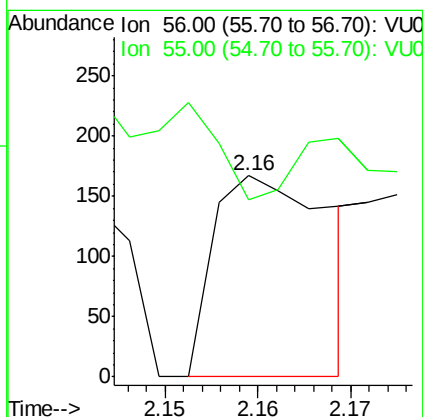
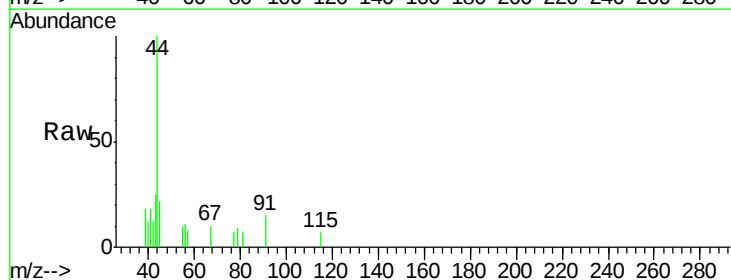
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

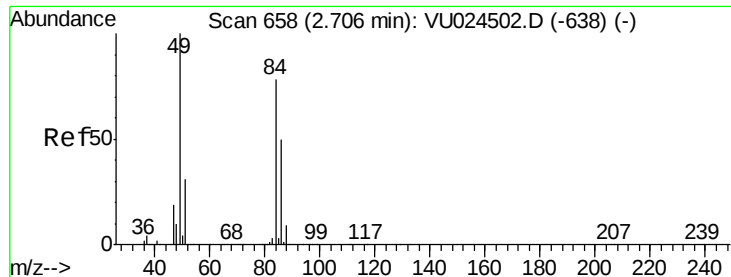
Tgt Ion: 59 Resp: 4054
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.295 ug/l
RT: 2.16 min Scan# 488
Delta R.T. -0.04 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 14.5 58.4 87.6#

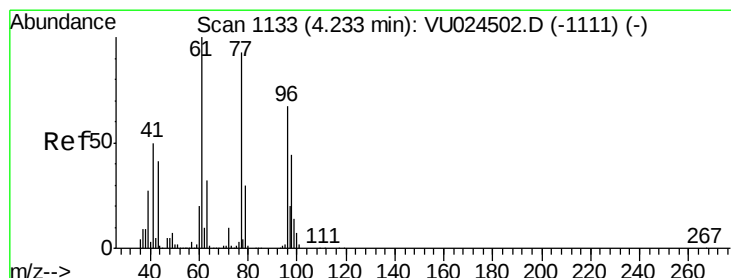
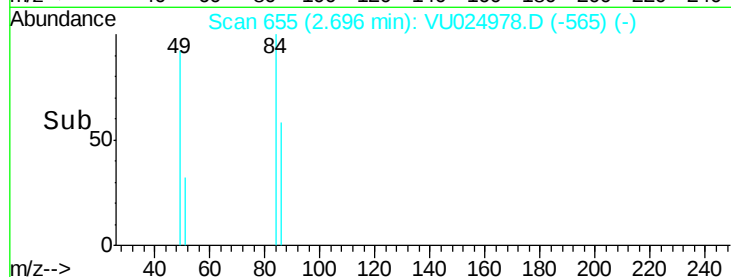
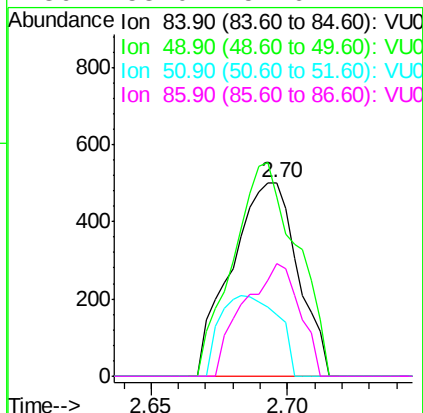
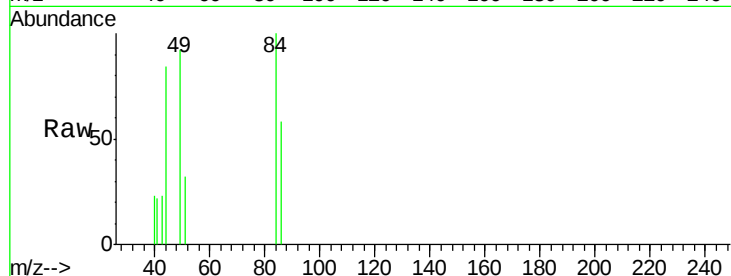




#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.70 min Scan# 655
Delta R.T. -0.01 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

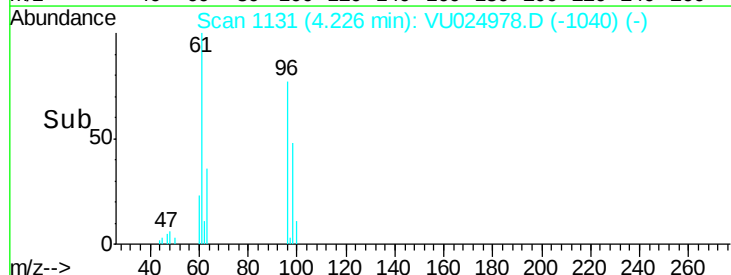
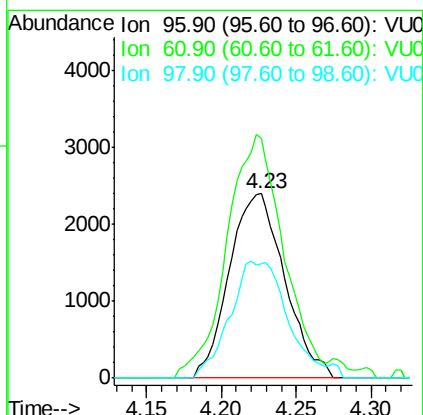
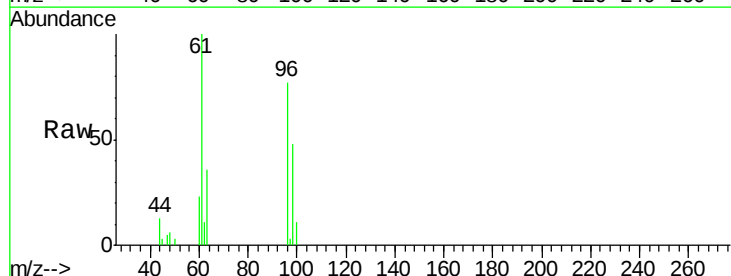
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

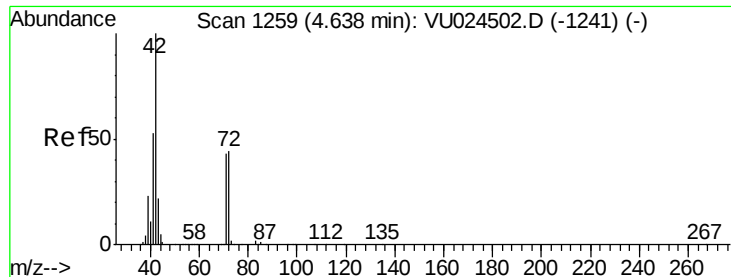
Tgt Ion: 84 Resp: 843
Ion Ratio Lower Upper
84 100
49 92.2 103.8 155.8#
51 31.7 32.0 48.0#
86 58.0 51.6 77.4



#27
cis-1,2-Dichloroethene
Concen: 1.817 ug/l
RT: 4.23 min Scan# 1131
Delta R.T. -0.01 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Tgt Ion: 96 Resp: 6166
Ion Ratio Lower Upper
96 100
61 134.4 0.0 306.6
98 65.0 0.0 128.8

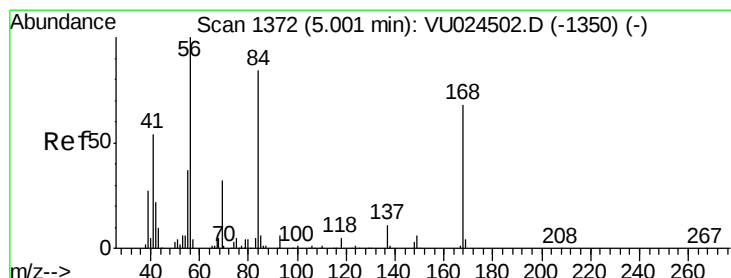
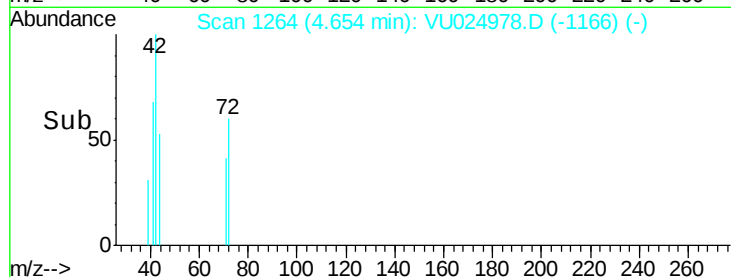
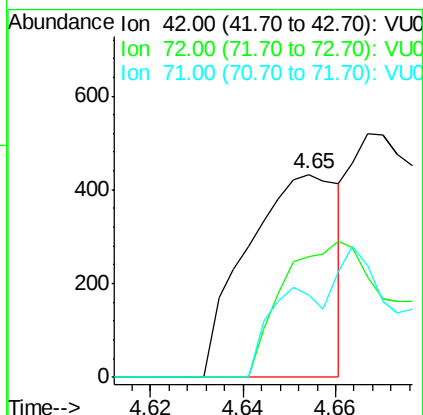
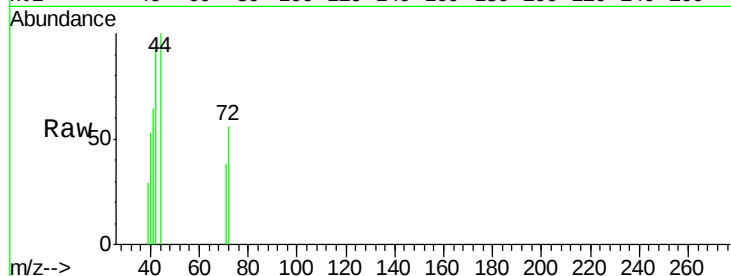




#29
Tetrahydrofuran
Concen: 0.345 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

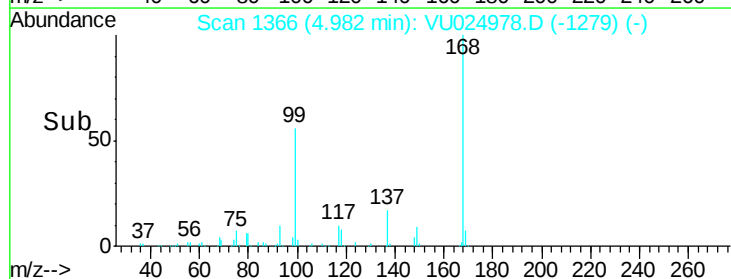
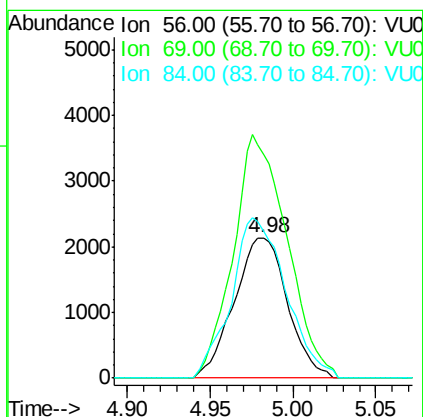
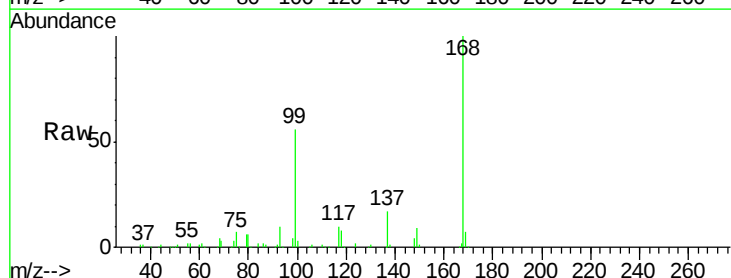
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

Tgt Ion: 42 Resp: 593
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 26.0 32.2 48.4#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Tgt Ion: 56 Resp: 4774
Ion Ratio Lower Upper
56 100
69 158.8 24.8 37.2#
84 104.0 65.2 97.8#

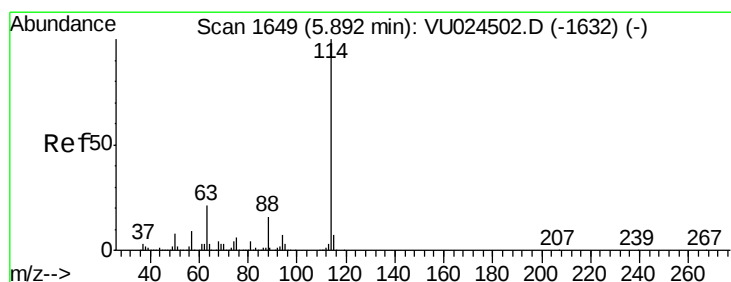
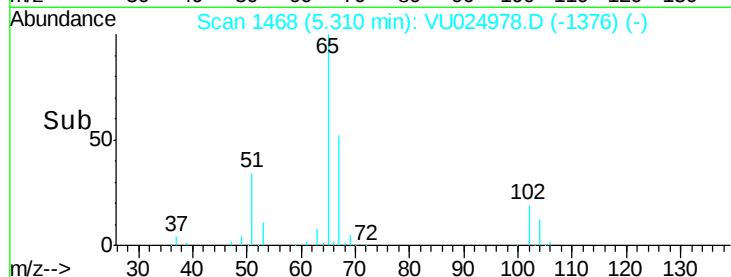
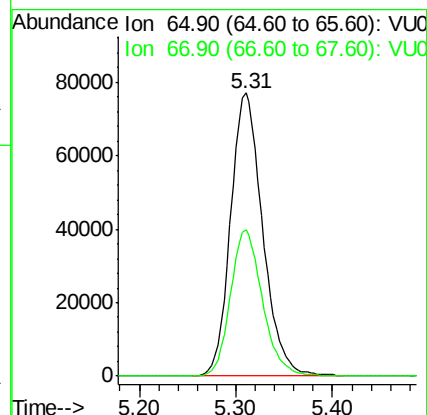
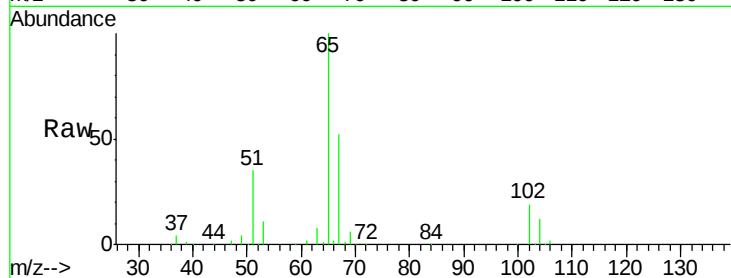




#33
 1,2-Dichloroethane-d4
 Concen: 46.172 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024978.D
 Acq: 27 Jun 2018 20:06

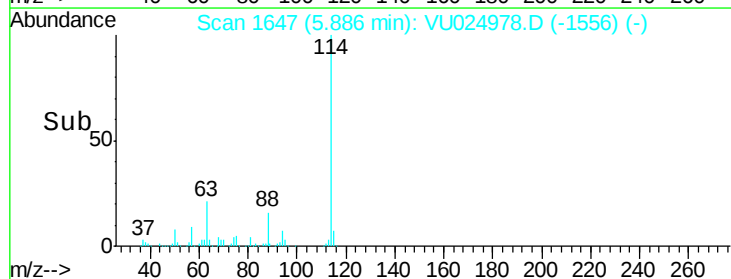
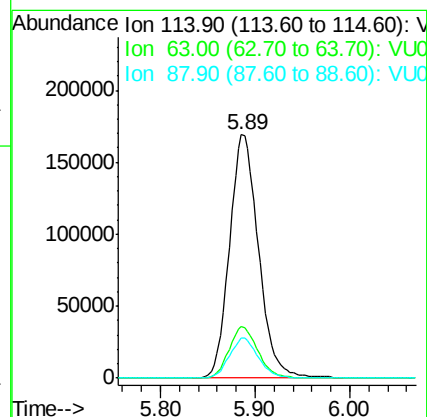
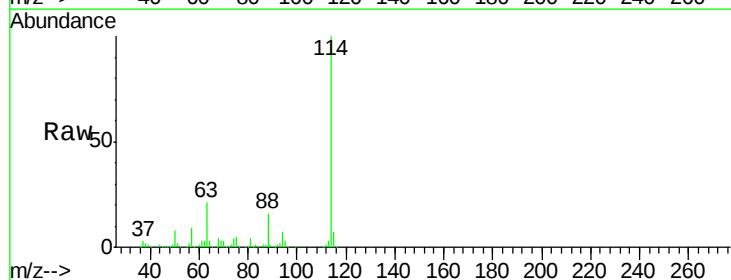
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-15-17-180621ME

Tgt Ion: 65 Resp: 177426
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VU024978.D
 Acq: 27 Jun 2018 20:06

Tgt Ion: 114 Resp: 361031
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.2 0.0 31.0

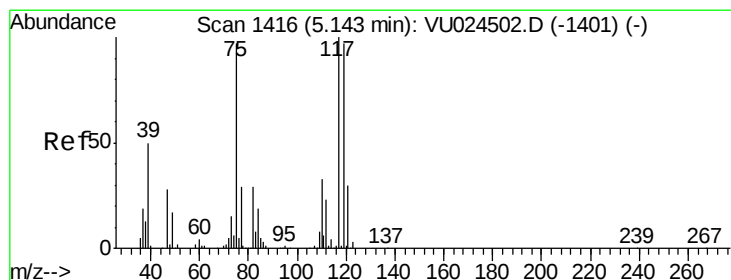
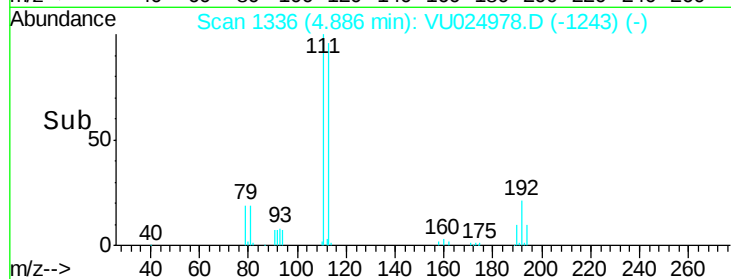
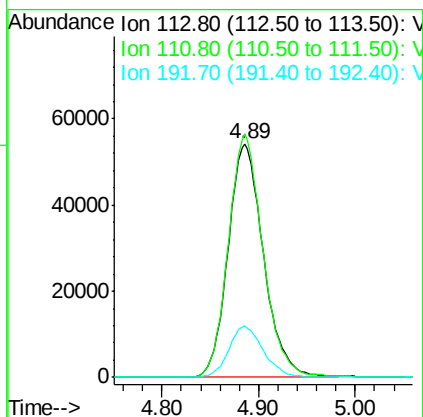
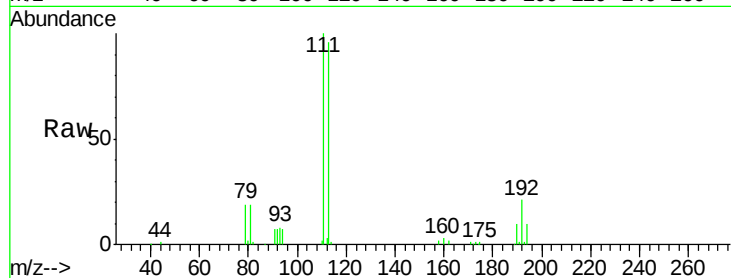




#35
Dibromofluoromethane
Concen: 46.055 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

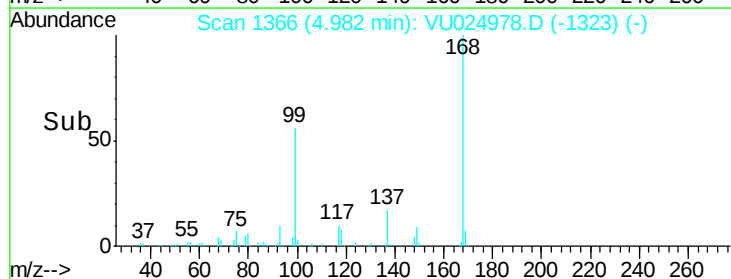
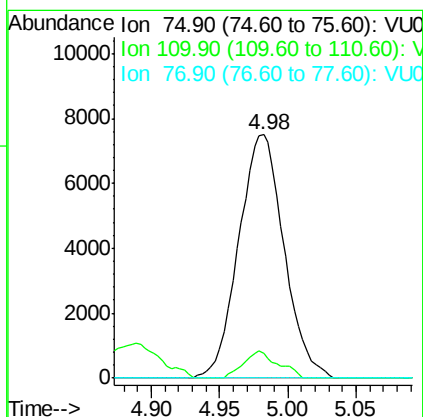
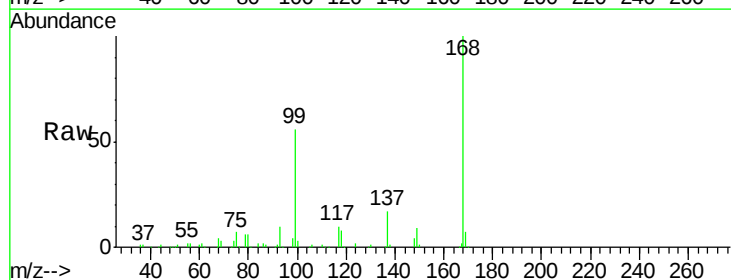
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

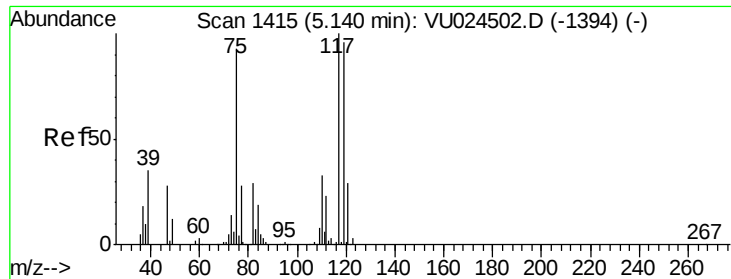
Tgt Ion:113 Resp: 137994
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.074 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.16 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Tgt Ion: 75 Resp: 17284
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 4.751 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-15-17-180621ME

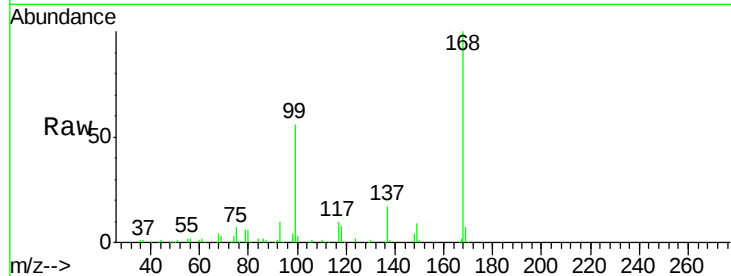
Tgt Ion:117 Resp: 22164

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

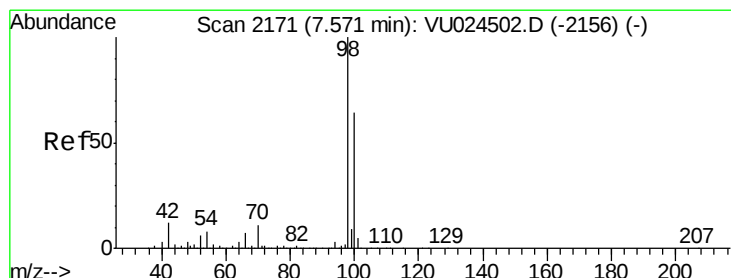
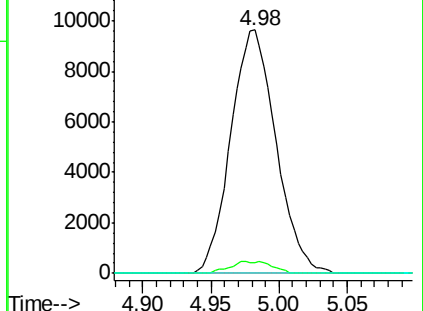
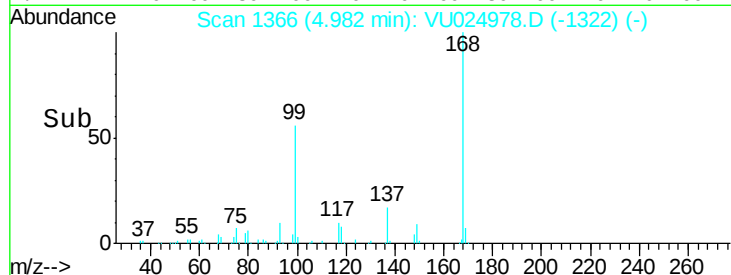
121 0.0 23.7 35.5#



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



#50

Toluene-d8

Concen: 47.805 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024978.D

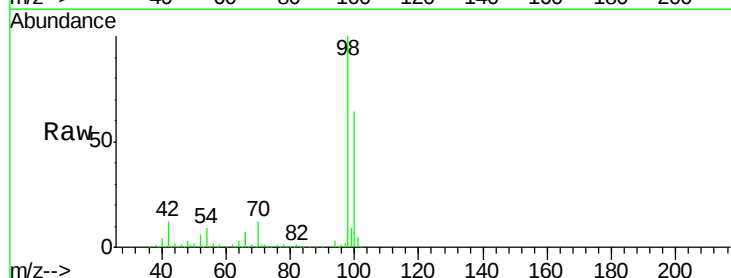
Acq: 27 Jun 2018 20:06

Tgt Ion: 98 Resp: 522470

Ion Ratio Lower Upper

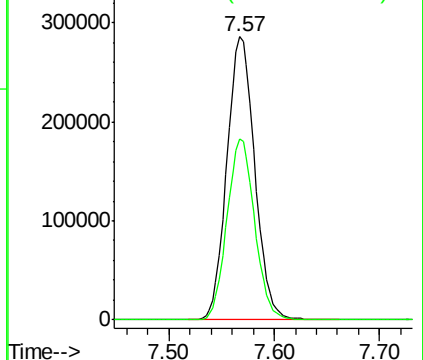
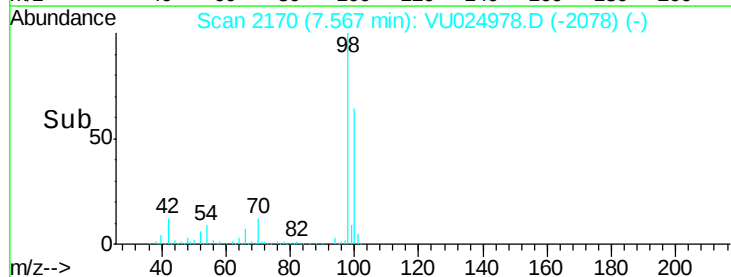
98 100

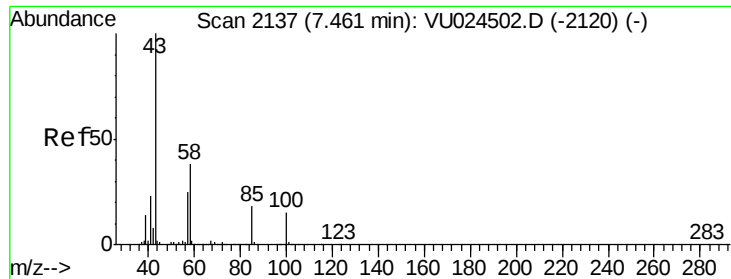
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.11 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

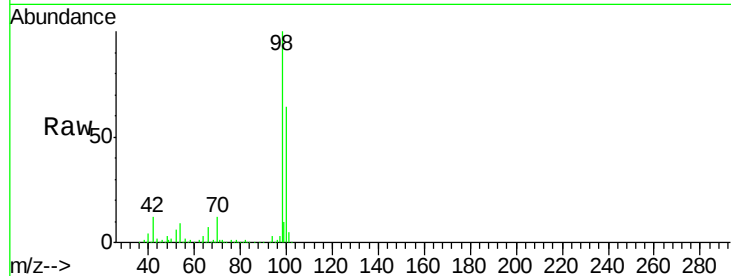
WP021SB487-15-17-180621ME

Tgt Ion: 43 Resp: 2557

Ion Ratio Lower Upper

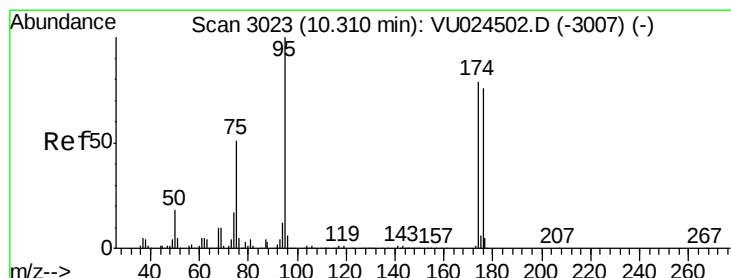
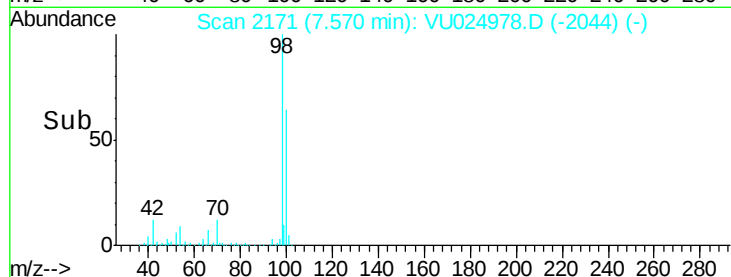
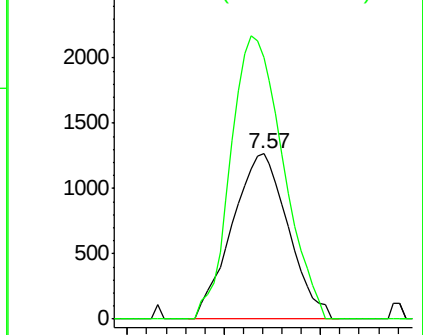
43 100

58 159.4 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 49.513 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

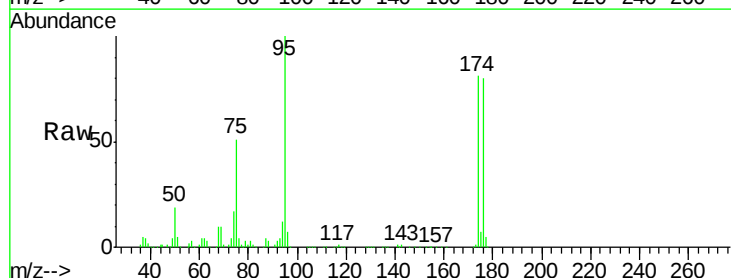
Tgt Ion: 95 Resp: 214852

Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.8

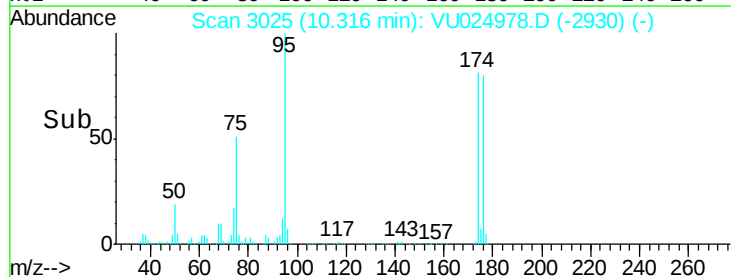
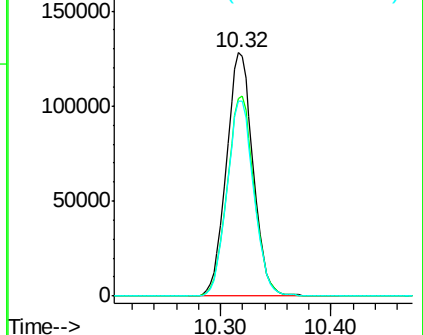
176 80.7 0.0 159.4

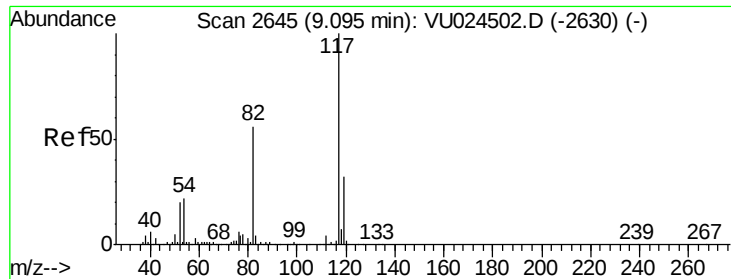


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

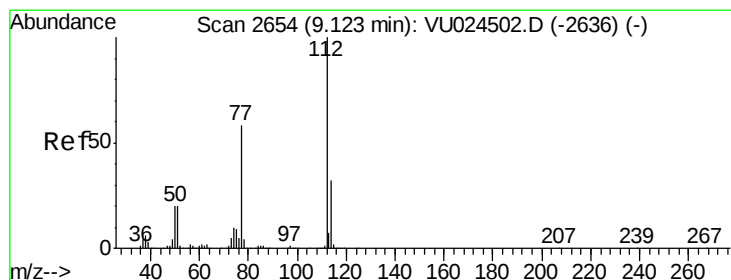
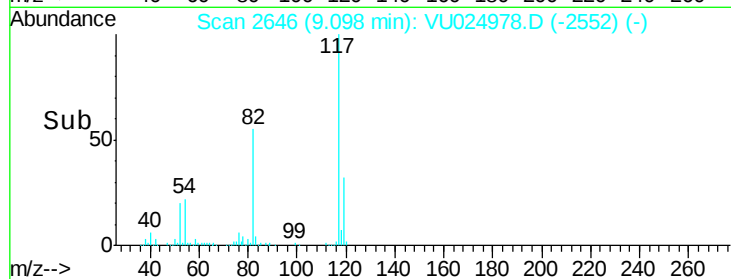
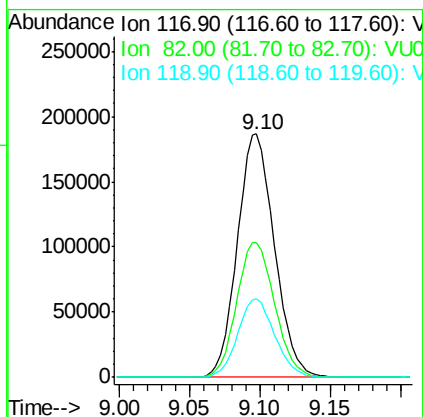
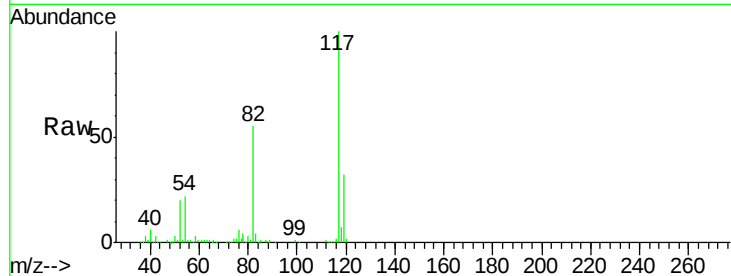




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

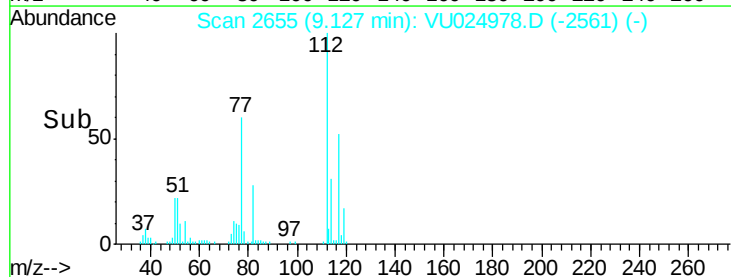
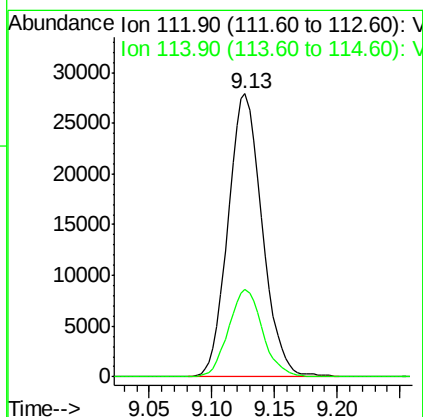
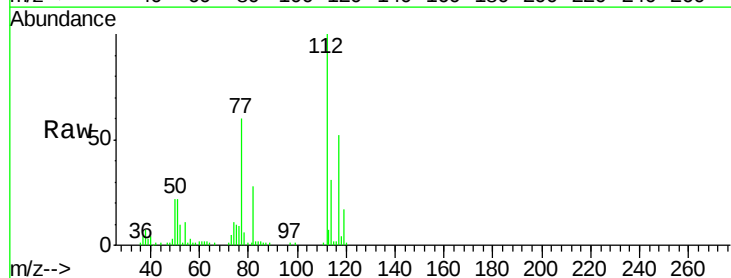
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

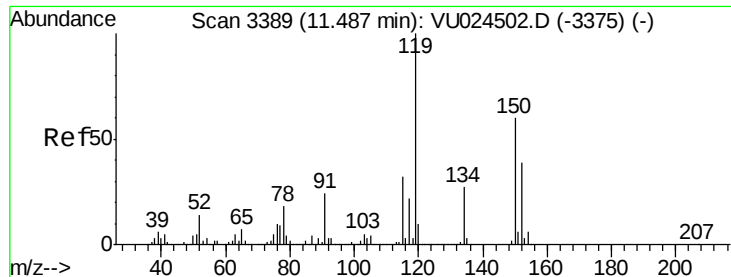
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	32.4	25.4	38.2



#65
Chlorobenzene
Concen: 6.002 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024978.D

Acq: 27 Jun 2018 20:06

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-15-17-180621ME

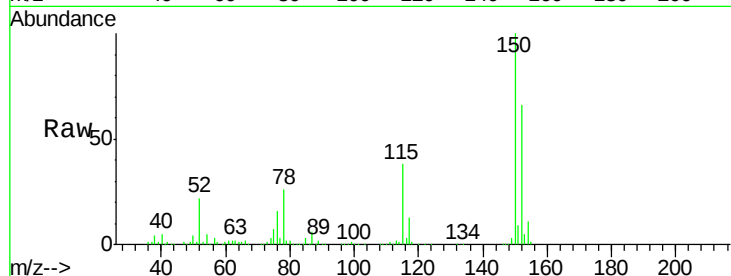
Tgt Ion:152 Resp: 198373

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

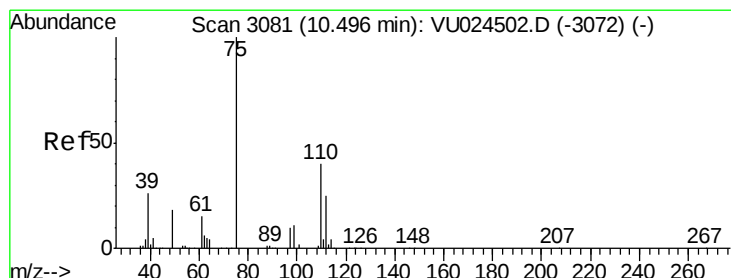
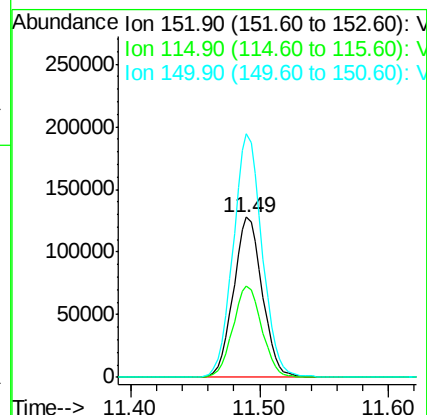
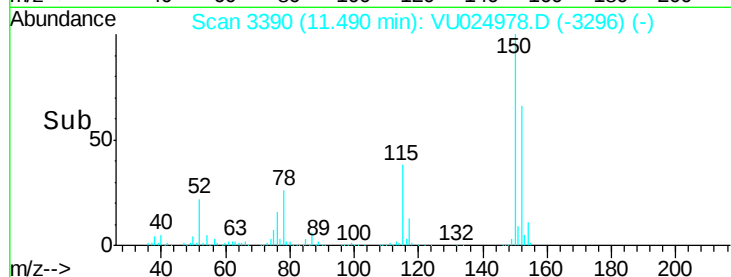
150 152.6 0.0 354.0



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: 25.148 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU024978.D

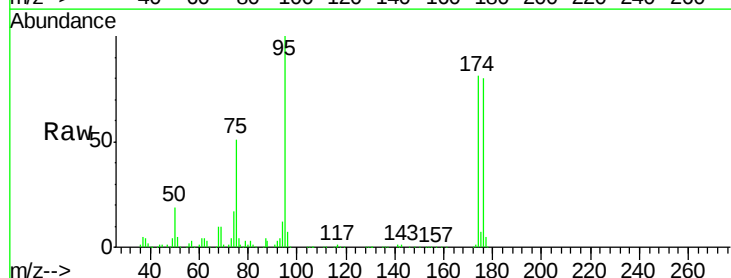
Acq: 27 Jun 2018 20:06

Tgt Ion: 75 Resp: 109831

Ion Ratio Lower Upper

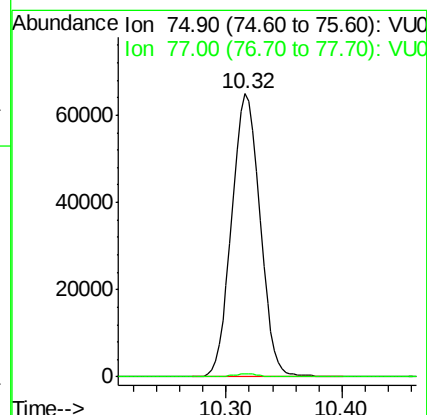
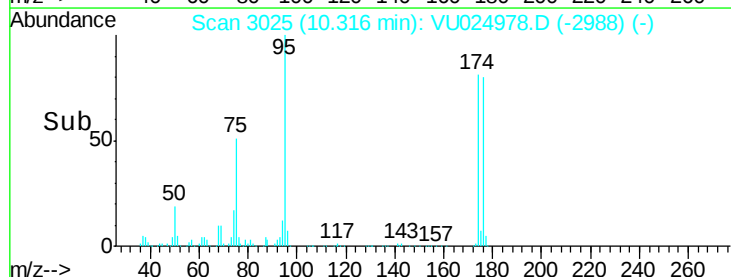
75 100

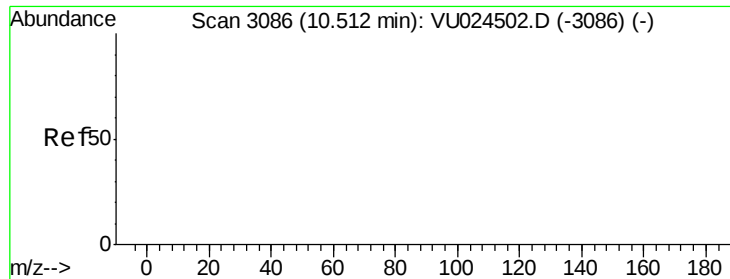
77 1.0 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

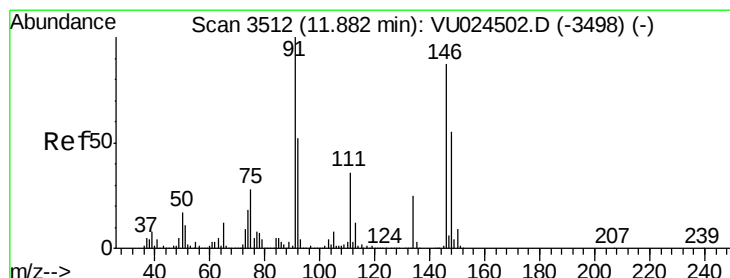
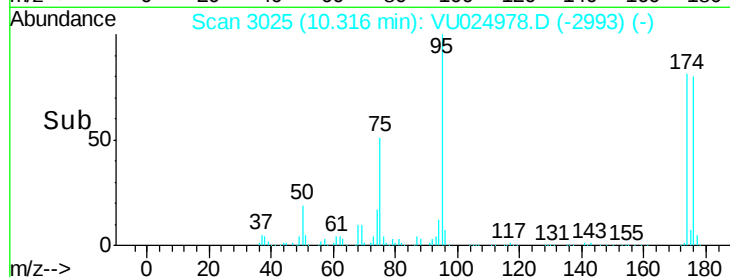
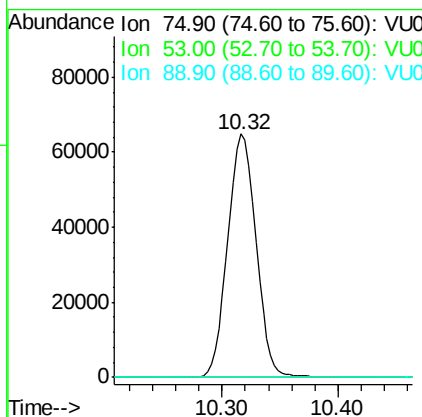
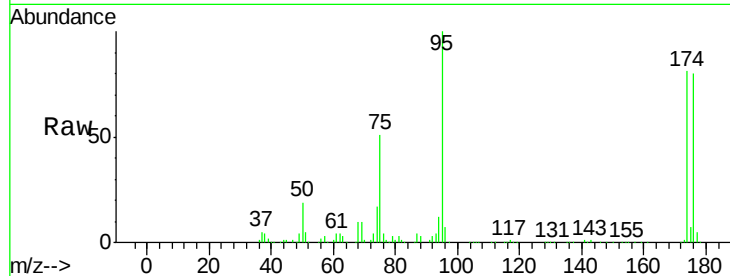




#81
trans-1,4-Dichloro-2-butene
Concen: 58.202 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. -0.20 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-15-17-180621ME

Tgt Ion: 75 Resp: 109831
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#91
1,2-Dichlorobenzene
Concen: 0.277 ug/l
RT: 11.89 min Scan# 3514
Delta R.T. 0.01 min
Lab File: VU024978.D
Acq: 27 Jun 2018 20:06

Tgt Ion: 146 Resp: 1977
Ion Ratio Lower Upper
146 100
111 43.6 20.5 61.6
148 72.7 31.9 95.7

