

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024885.D
 Acq On : 25 Jun 2018 19:22
 Operator : MD/SY
 Sample : J3663-01ME
 Misc : 6.40µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:17:30 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	216689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	333759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	323712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	194714	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	158876	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	
35) Dibromofluoromethane	4.88	113	127007	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
50) Toluene-d8	7.57	98	484863	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.32	95	204739	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1264	0.46	ug/l	89
5) Bromomethane	1.60	94	1030	0.75	ug/l	# 79
6) Chloroethane	1.68	64	159	Below Cal	#	1
8) Diethyl Ether	2.09	74	71	Below Cal		63
10) Methyl Iodide	2.39	142	282	5.40	ug/l	# 77
11) Tert butyl alcohol	2.83	59	7442	8.65	ug/l	# 73
16) Acetone	2.35	43	25354	13.34	ug/l	99
18) Methyl Acetate	2.63	43	3619	0.89	ug/l	97
20) Methylene Chloride	2.69	84	911	0.31	ug/l	# 75
25) 2-Butanone	4.29	43	15940	6.24	ug/l	92
27) cis-1,2-Dichloroethene	4.21	96	1532	0.49	ug/l	# 1
29) Tetrahydrofuran	4.64	42	563	0.36	ug/l	# 66
31) Cyclohexane	4.98	56	4504	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	16125	4.11	ug/l	# 51
37) Ethyl Acetate	4.29	43	15940	3.73	ug/l	# 70
38) Carbon Tetrachloride	4.98	117	20613	4.78	ug/l	# 16
51) 4-Methyl-2-Pentanone	7.48	43	9953	2.14	ug/l	# 72
52) Toluene	7.64	92	4249	0.59	ug/l	95
59) 2-Hexanone	8.39	43	1341	0.35	ug/l	99
60) Dibromochloromethane	8.24	129	1205	0.33	ug/l	# 11
64) Tetrachloroethene	8.23	164	905	0.29	ug/l	92
65) Chlorobenzene	9.12	112	48334	5.84	ug/l	99
68) m/p-Xylenes	9.38	106	3854	0.69	ug/l	88
69) o-Xylene	9.79	106	1303	0.24	ug/l	79
76) 1,2,3-Trichloropropane	10.32	75	105525	24.62	ug/l	# 35
79) 2-Chlorotoluene	10.69	91	2351	0.23	ug/l	# 41
80) 1,3,5-Trimethylbenzene	10.78	105	9777	0.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.32	75	105525	56.97	ug/l	# 100
84) 1,2,4-Trimethylbenzene	11.15	105	24621	1.86	ug/l	99
86) p-Isopropyltoluene	11.43	119	3529	0.25	ug/l	96
87) 1,3-Dichlorobenzene	11.43	146	24365	3.48	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	50425	7.17	ug/l	95
89) n-Butylbenzene	11.89	91	3667	0.30	ug/l	# 30
90) Hexachloroethane	12.15	117	560	0.21	ug/l	# 8

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
Data File : VU024885.D
Acq On : 25 Jun 2018 19:22
Operator : MD/SY
Sample : J3663-01ME
Misc : 6.40g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 26 05:17:30 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

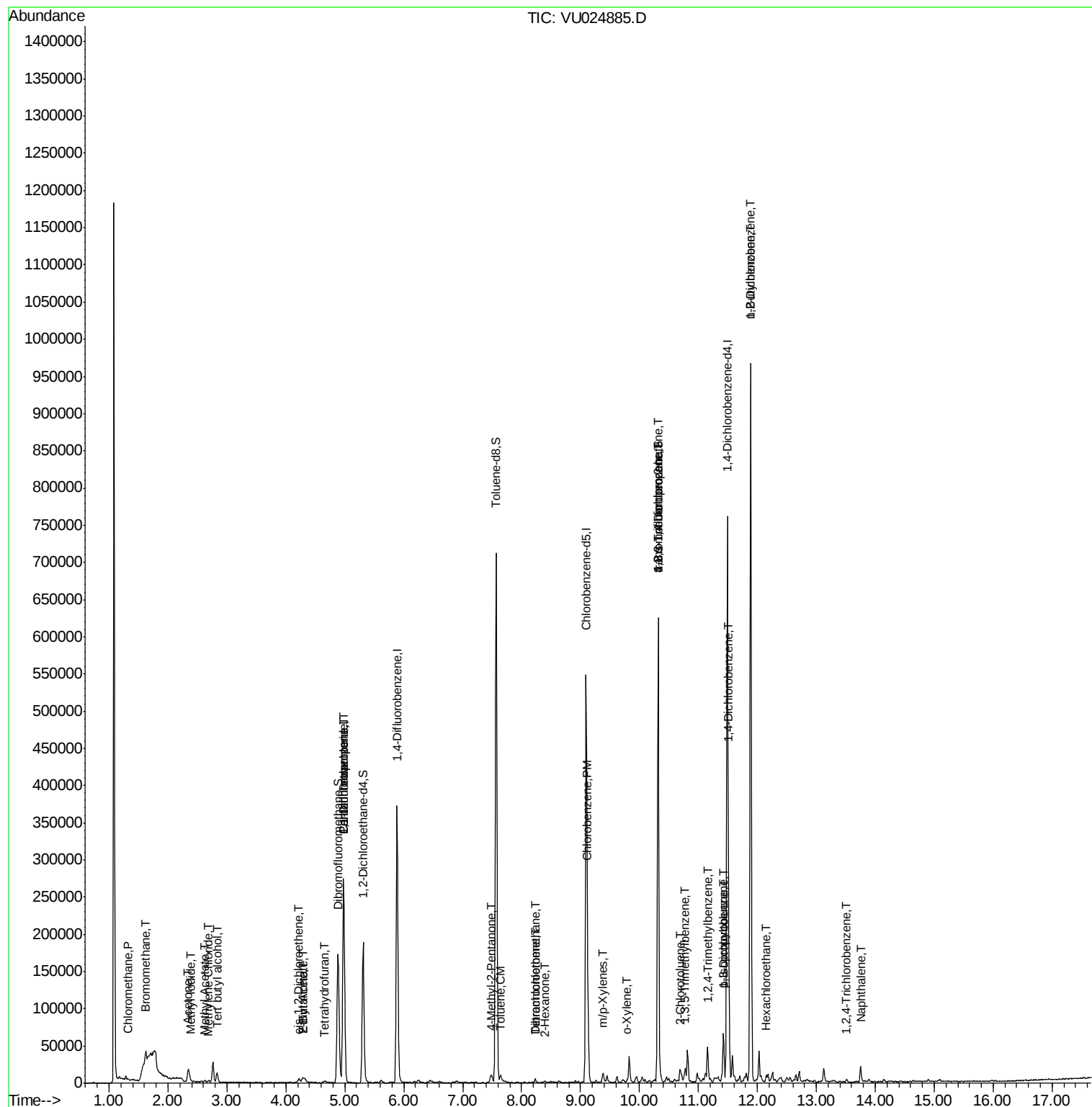
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	11.89	146	381312	54.45	ug/l	100
93) 1,2,4-Trichlorobenzene	13.51	180	985	0.23	ug/l	97
95) Naphthalene	13.75	128	17984	1.92	ug/l	98

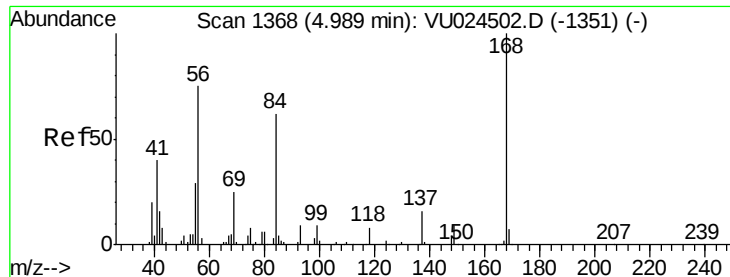
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
Data File : VU024885.D
Acq On : 25 Jun 2018 19:22
Operator : MD/SY
Sample : J3663-01ME
Misc : 6.40q/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 26 05:17:30 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: 50.00 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

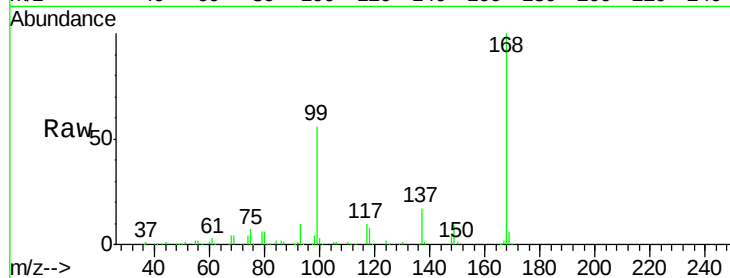
ClientSampleId :

Tot Ion:168 Resp: 216689

Ion Ratio Lower Upper

168 100

99 55.5 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

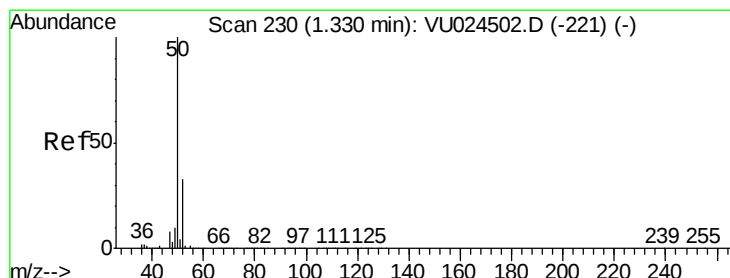
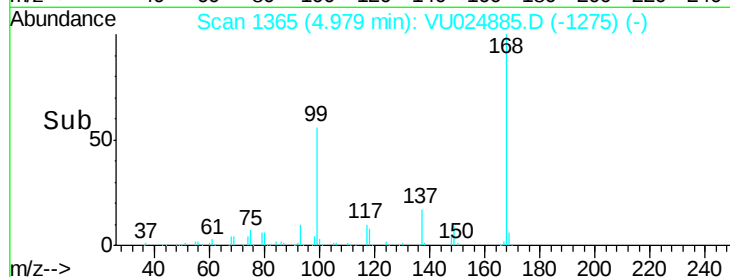
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.46 ug/l

RT: 1.32 min Scan# 227

Delta R.T. -0.01 min

Lab File: VU024885.D

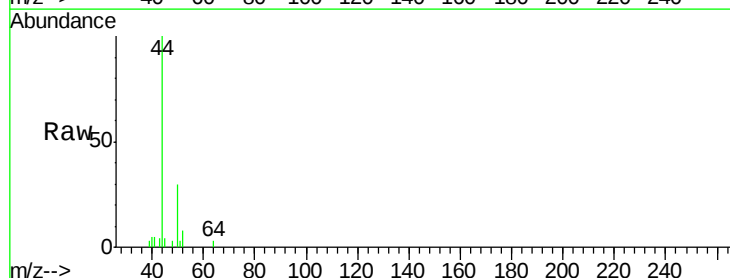
Acq: 25 Jun 2018 19:22

Tgt Ion: 50 Resp: 1264

Ion Ratio Lower Upper

50 100

52 26.5 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) (-)

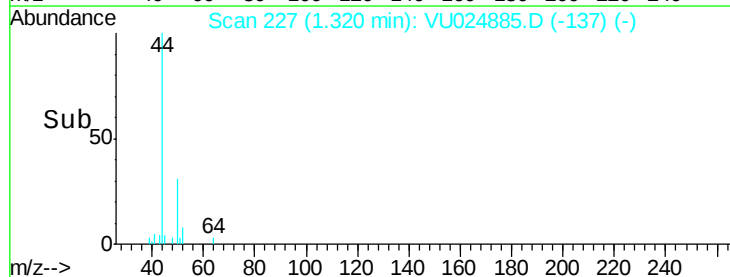
1.32

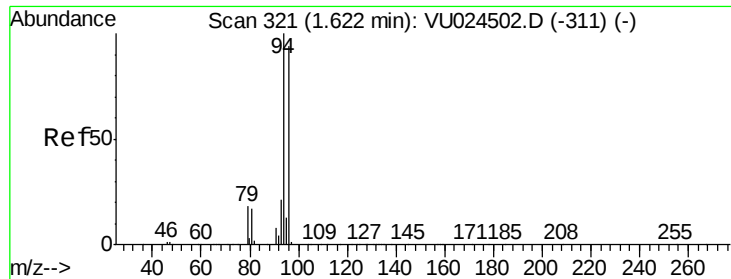
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.75 ug/l

RT: 1.60 min Scan# 315

Delta R.T. -0.02 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

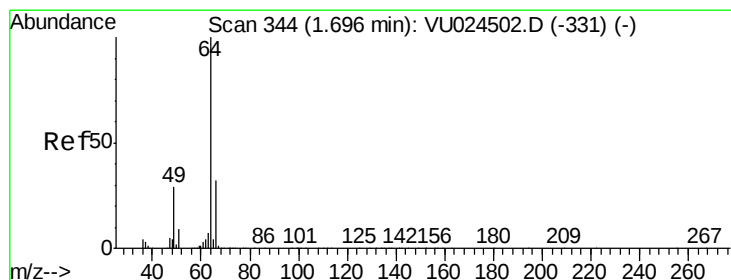
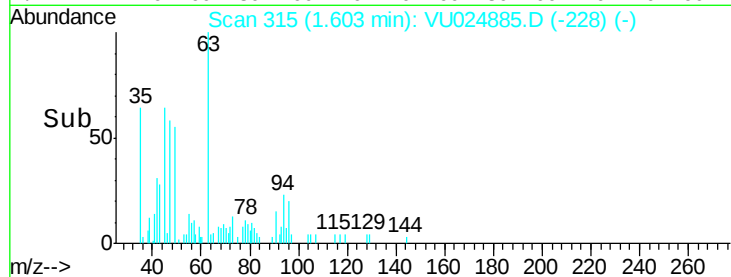
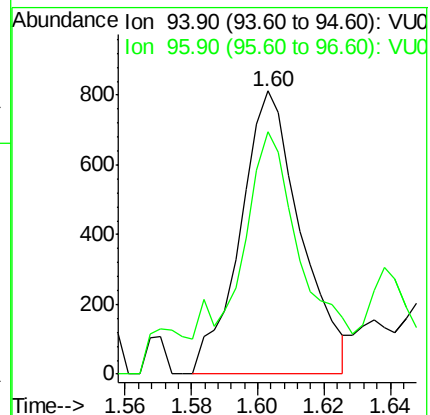
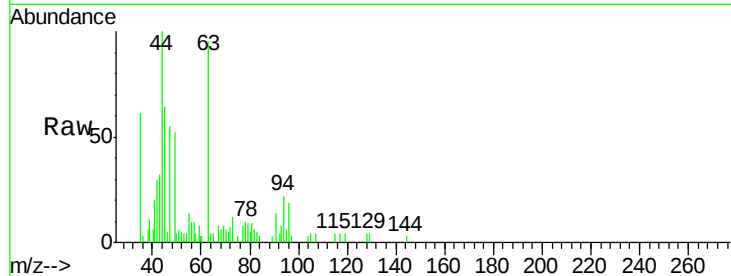
ClientSampleId :

Tot Ion: 94 Resp: 1030

Ion Ratio Lower Upper

94 100

96 73.3 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU024885.D

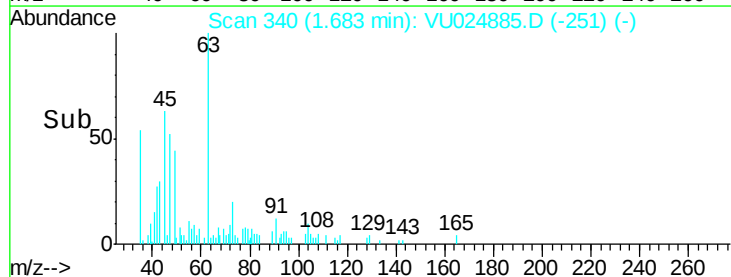
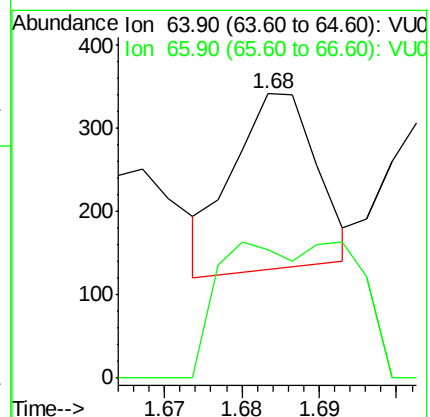
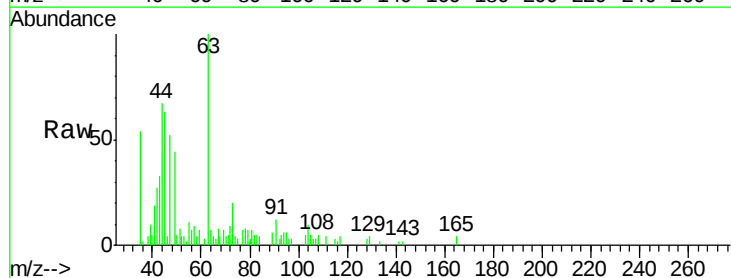
Acq: 25 Jun 2018 19:22

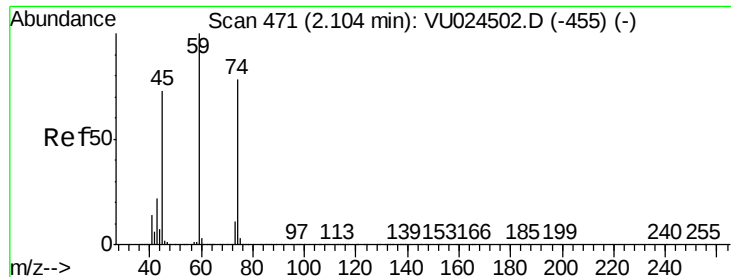
Tgt Ion: 64 Resp: 159

Ion Ratio Lower Upper

64 100

66 95.7 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.09 min Scan# 468

Delta R.T. -0.01 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

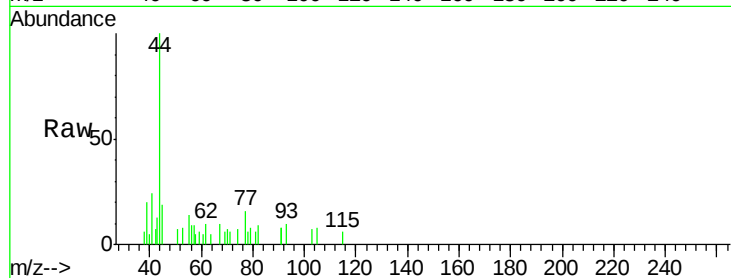
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 74 Resp: 71

Ion Ratio Lower Upper

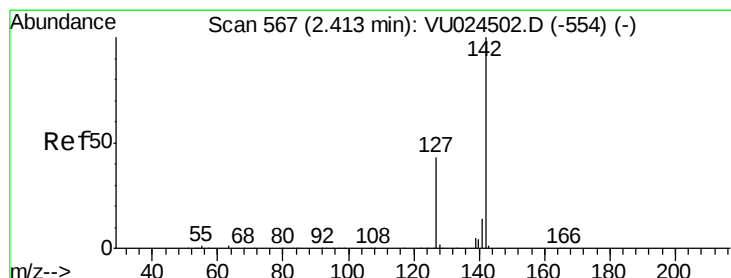
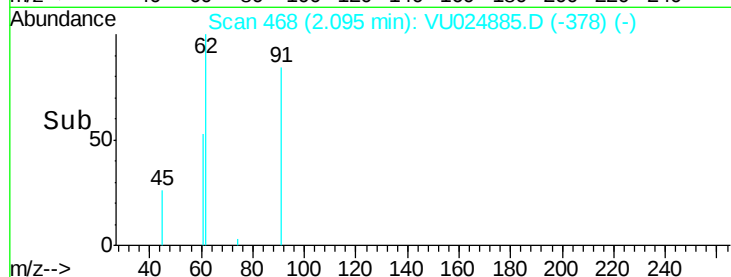
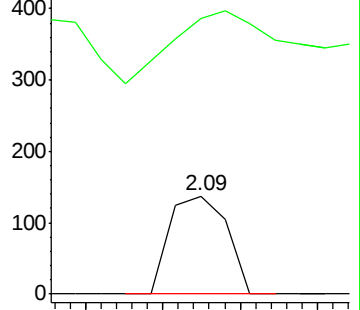
74 100

45 149.3 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU024885.D (-378) (-)

Ion 45.00 (44.70 to 45.70): VU024885.D (-378) (-)



#10

Methyl Iodide

Concen: 5.40 ug/l

RT: 2.39 min Scan# 559

Delta R.T. -0.03 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

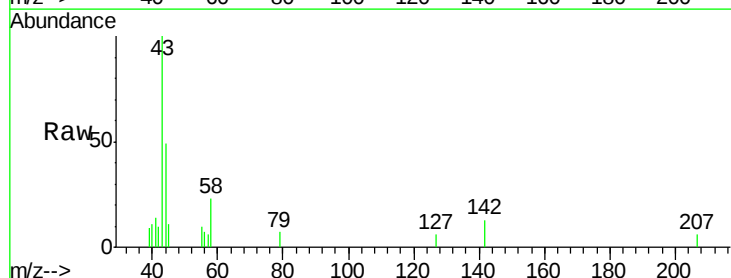
Tgt Ion: 142 Resp: 282

Ion Ratio Lower Upper

142 100

127 31.9 35.6 53.4#

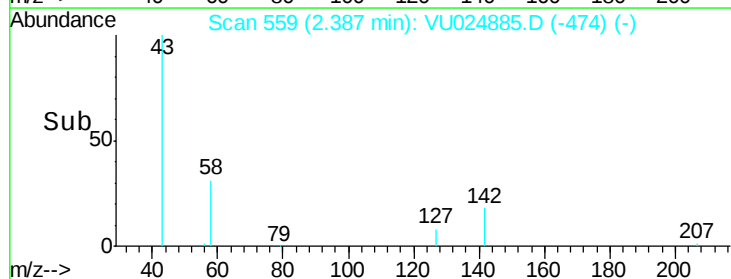
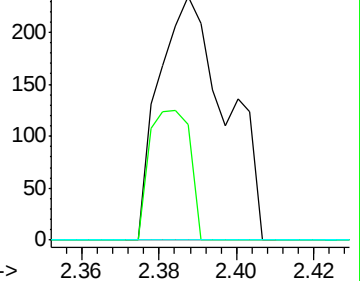
141 0.0 11.7 17.5#

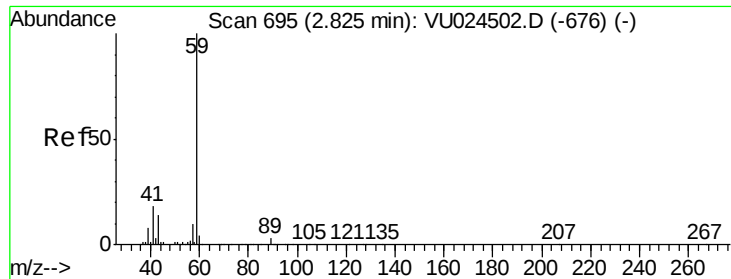


Abundance Ion 141.80 (141.50 to 142.50): VU024885.D (-474) (-)

Ion 126.80 (126.50 to 127.50): VU024885.D (-474) (-)

Ion 140.80 (140.50 to 141.50): VU024885.D (-474) (-)

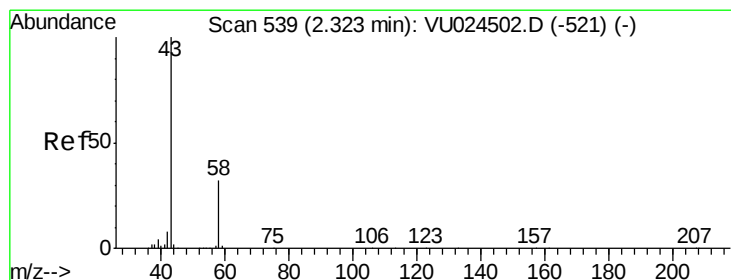
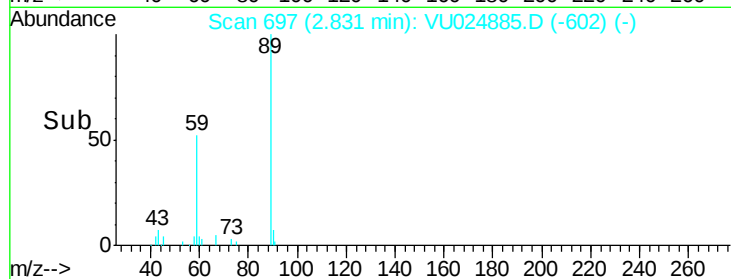
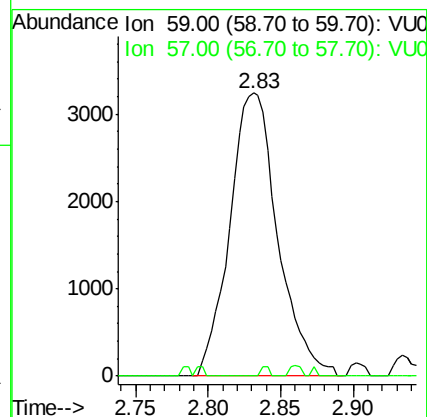
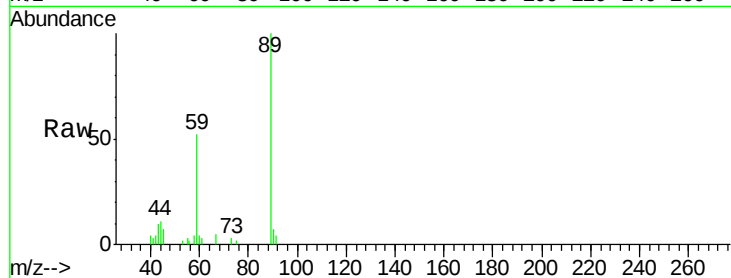




#11
Tert butyl alcohol
Concen: 8.65 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

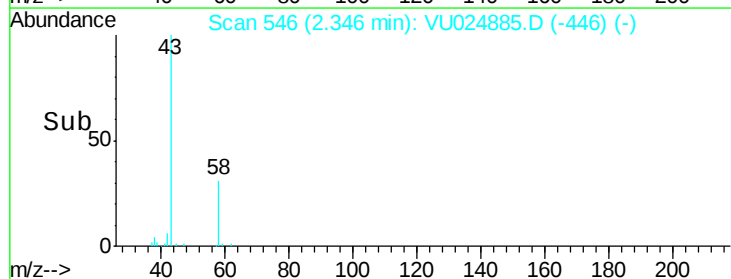
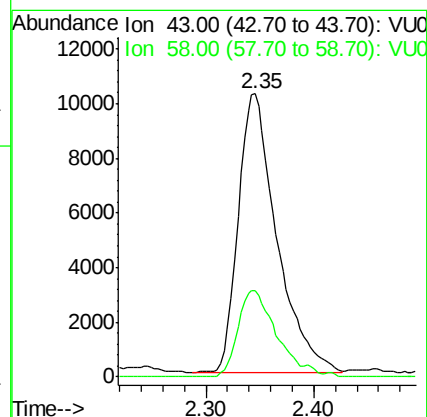
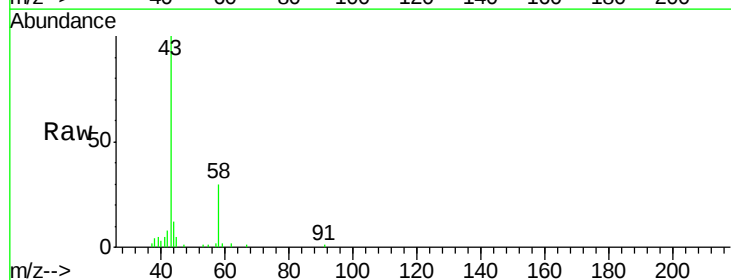
Instrument :
MSVOA_U
ClientSampleId :

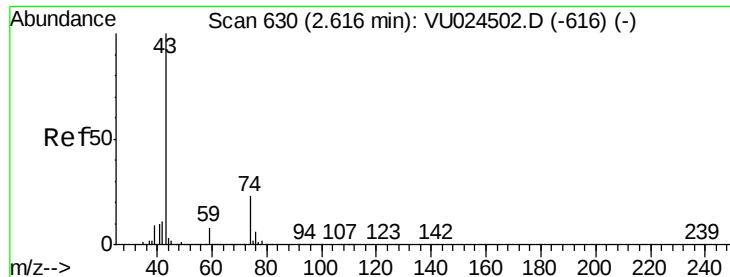
Tot Ion: 59 Resp: 7442
Ion Ratio Lower Upper
59 100
57 0.6 8.5 12.7#



#16
Acetone
Concen: 13.34 ug/l
RT: 2.35 min Scan# 546
Delta R.T. 0.02 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 43 Resp: 25354
Ion Ratio Lower Upper
43 100
58 30.9 24.4 36.6

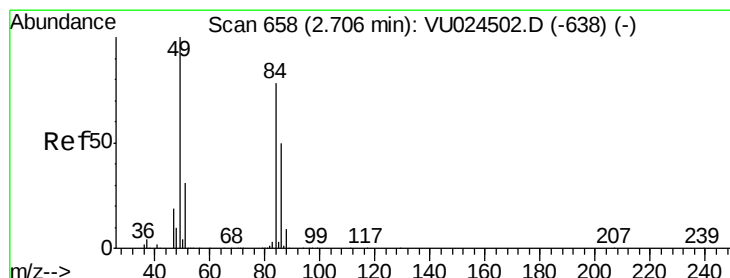
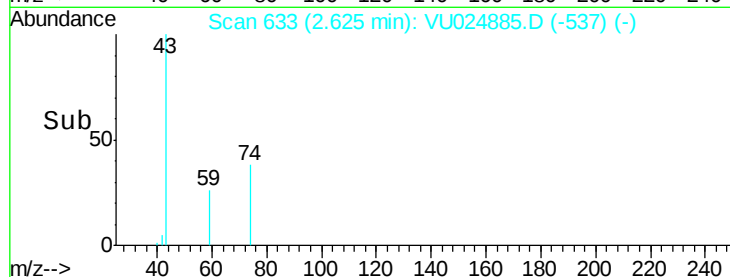
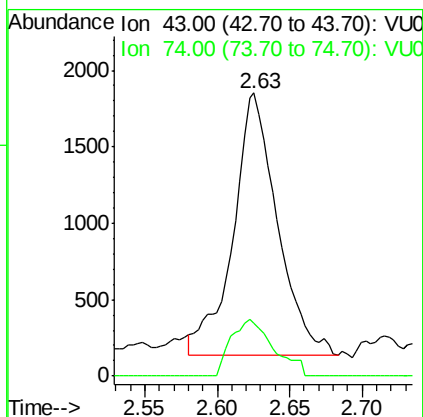
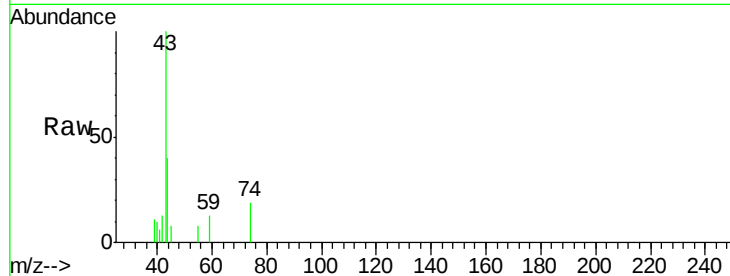




#18
Methyl Acetate
Concen: 0.89 ug/l
RT: 2.63 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

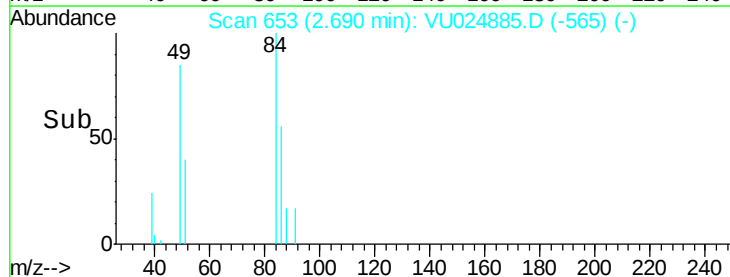
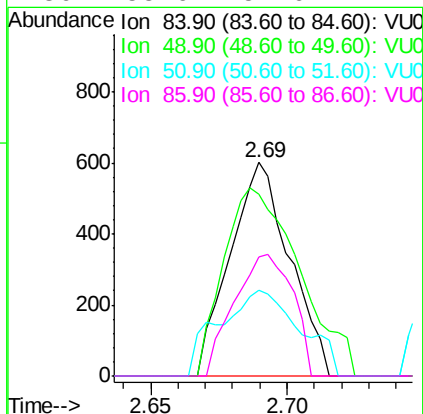
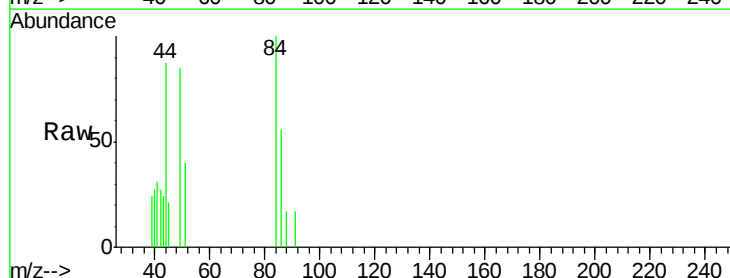
Instrument :
MSVOA_U
ClientSampled :

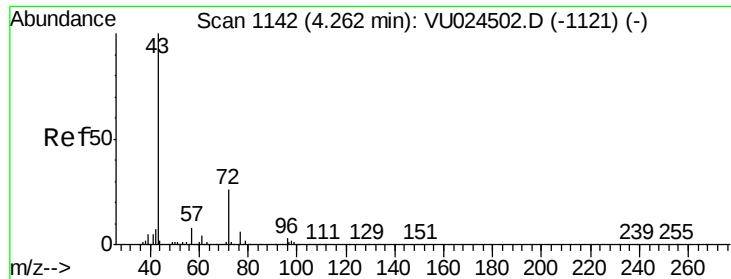
Tot Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
74 20.9 18.0 27.0



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.69 min Scan# 653
Delta R.T. -0.02 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 84 Resp: 911
Ion Ratio Lower Upper
84 100
49 84.9 103.8 155.8#
51 40.4 32.0 48.0
86 55.6 51.6 77.4

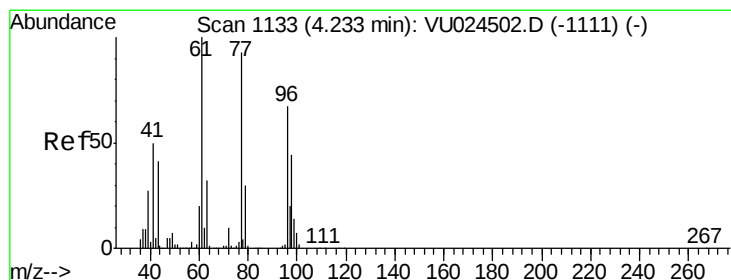
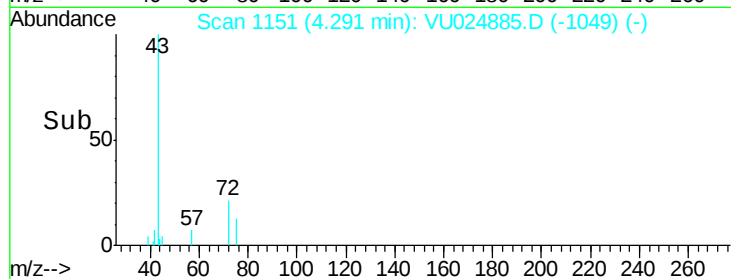
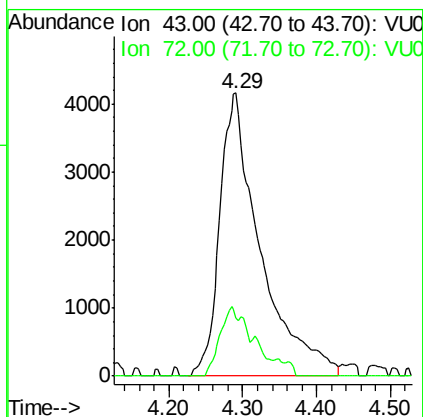
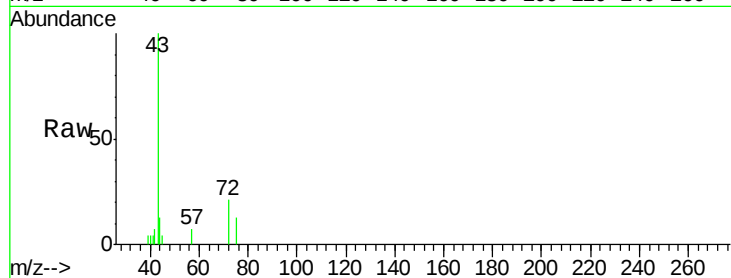




#25
2-Butanone
Concen: 6.24 ug/l
RT: 4.29 min Scan# 1151
Delta R.T. 0.03 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

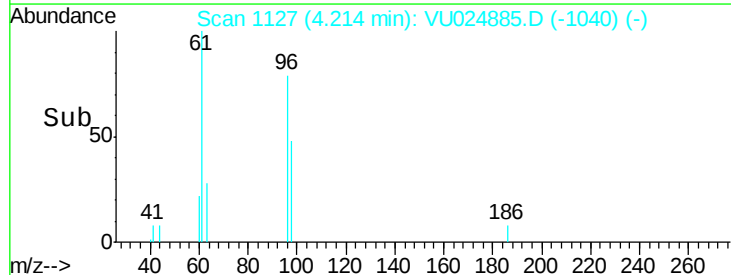
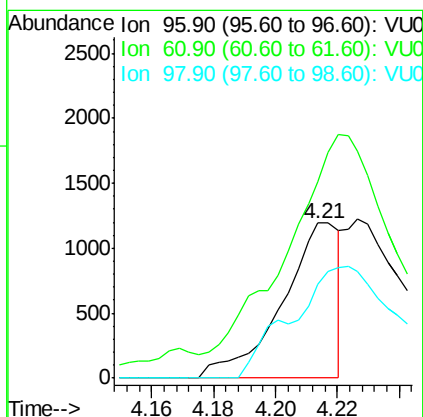
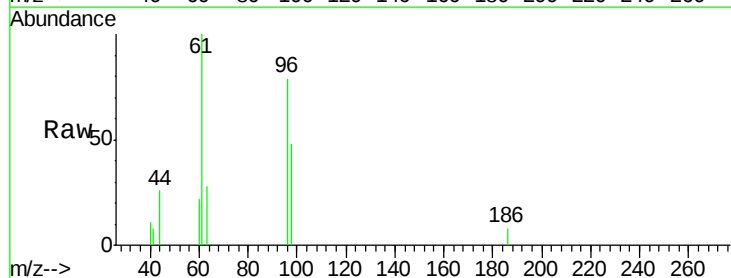
Instrument :
MSVOA_U
ClientSampled :

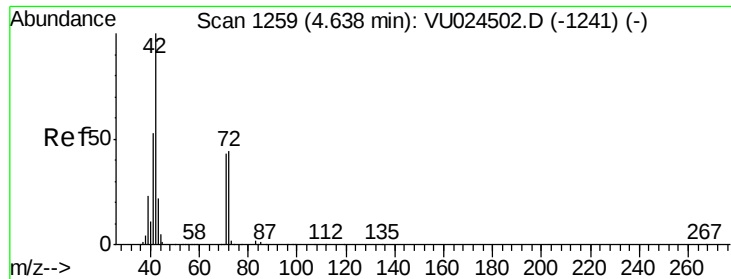
Tot Ion: 43 Resp: 15940
Ion Ratio Lower Upper
43 100
72 20.7 19.6 29.4



#27
cis-1,2-Dichloroethene
Concen: 0.49 ug/l
RT: 4.21 min Scan# 1127
Delta R.T. -0.02 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 96 Resp: 1532
Ion Ratio Lower Upper
96 100
61 317.2 0.0 306.6#
98 133.9 0.0 128.8#

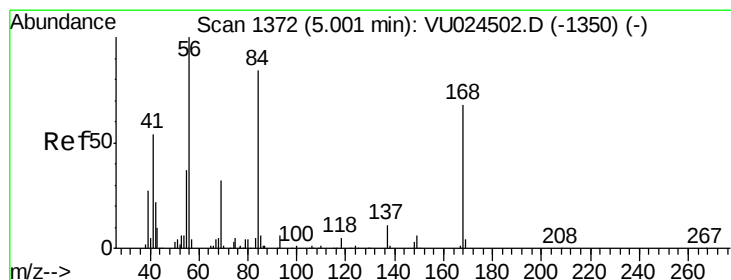
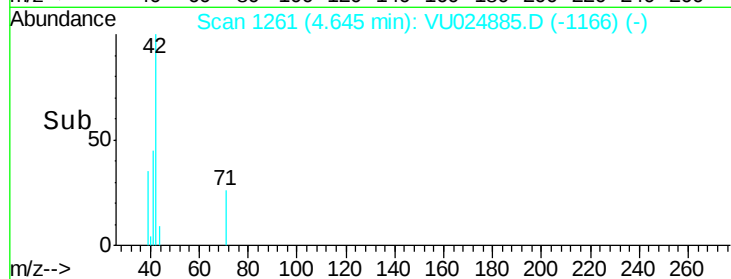
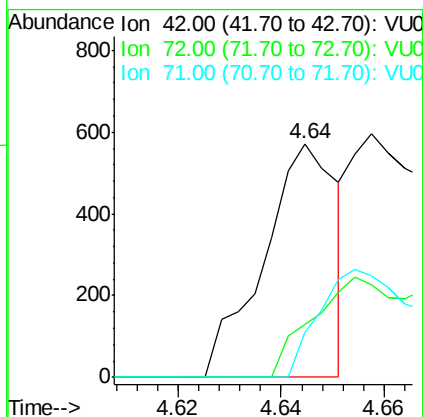
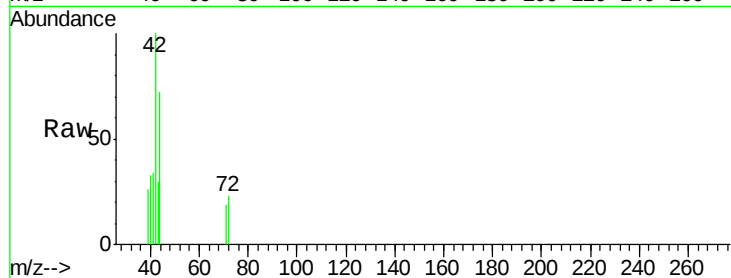




#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

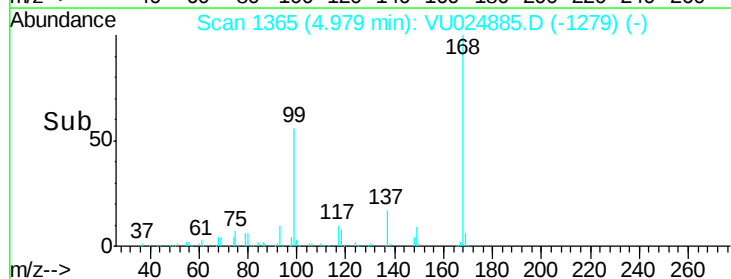
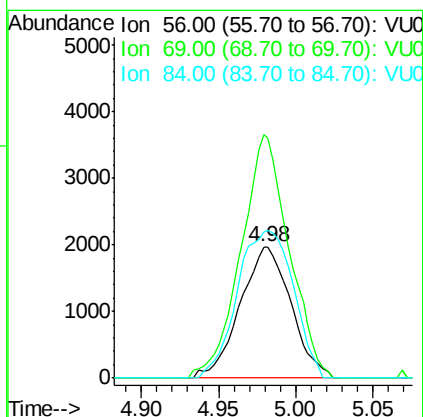
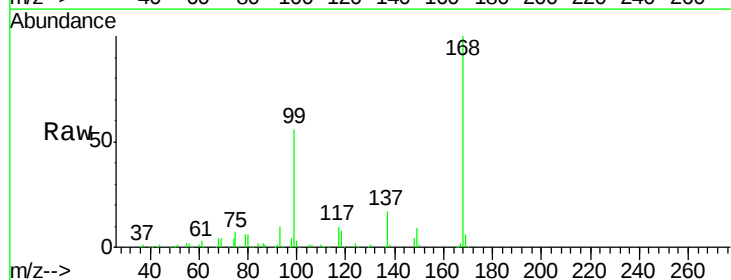
Instrument :
MSVOA_U
ClientSampleId :

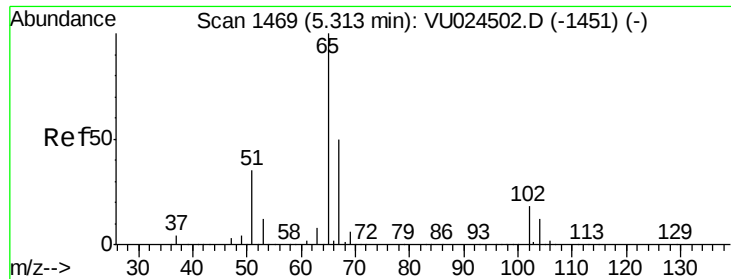
Tot Ion: 42 Resp: 563
Ion Ratio Lower Upper
42 100
72 49.7 34.5 51.7
71 76.6 32.2 48.4#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 56 Resp: 4504
Ion Ratio Lower Upper
56 100
69 185.0 24.8 37.2#
84 110.9 65.2 97.8#

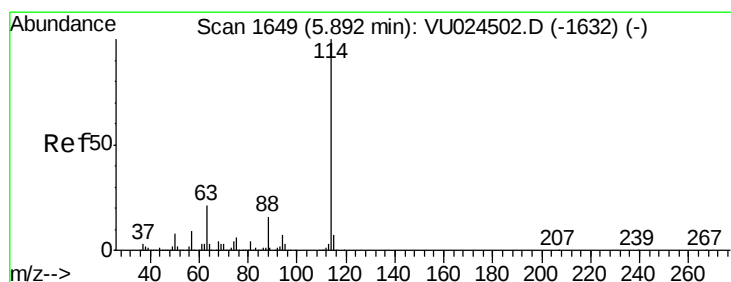
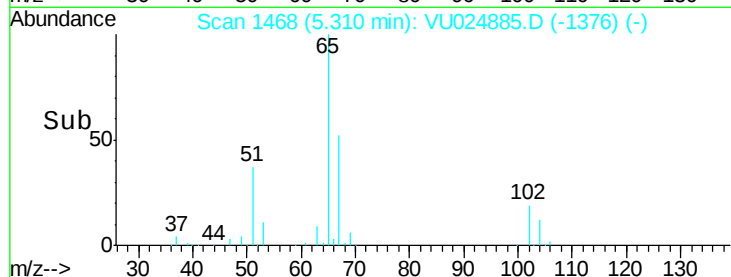
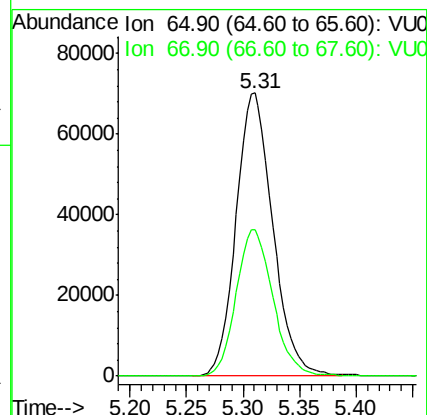
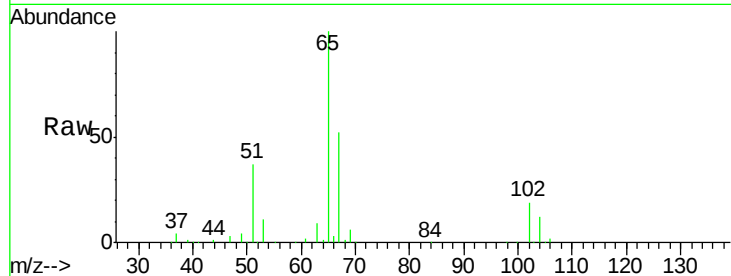




#33
 1,2-Dichloroethane-d4
 Concen: 44.91 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024885.D
 Acq: 25 Jun 2018 19:22

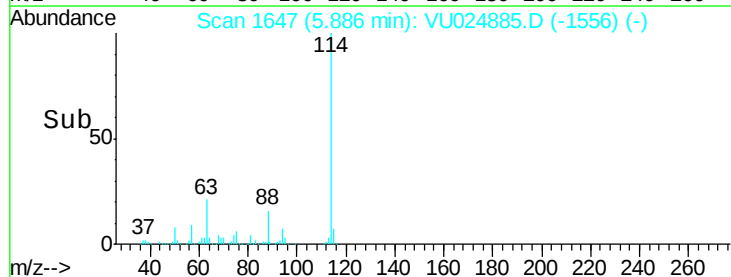
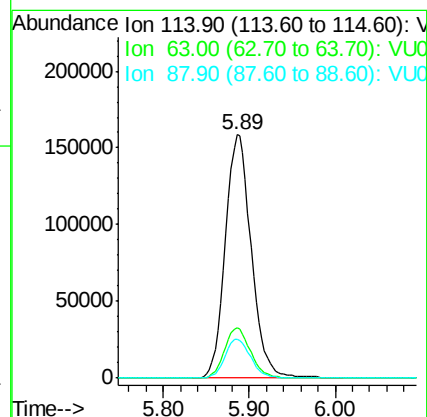
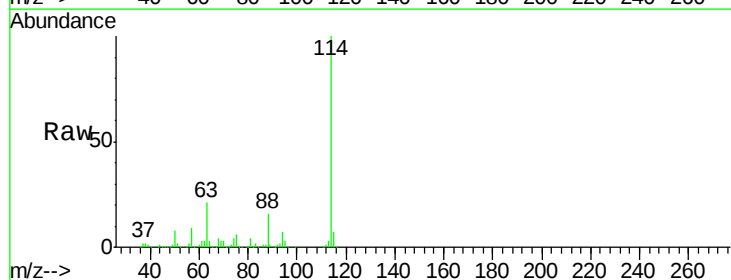
Instrument :
 MSVOA_U
 ClientSampleId :

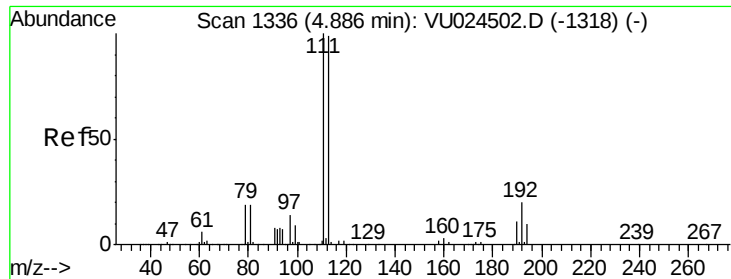
Tot Ion: 65 Resp: 158876
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU024885.D
 Acq: 25 Jun 2018 19:22

Tgt Ion: 114 Resp: 333759
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.1 0.0 31.0

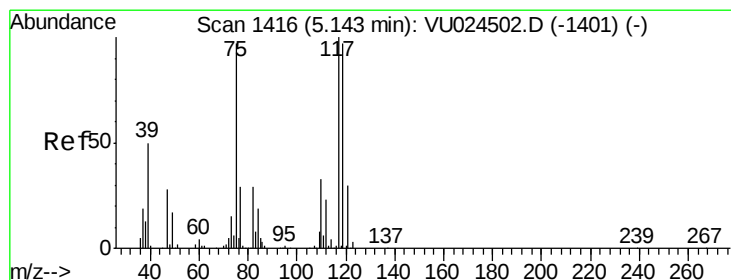
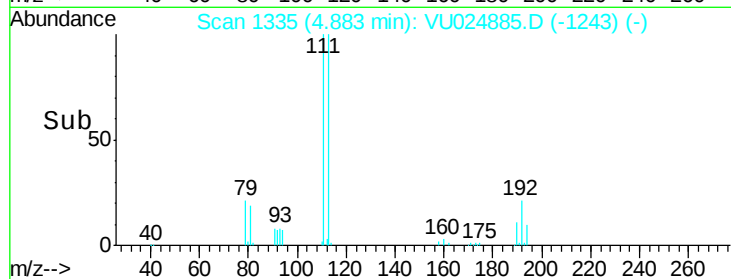
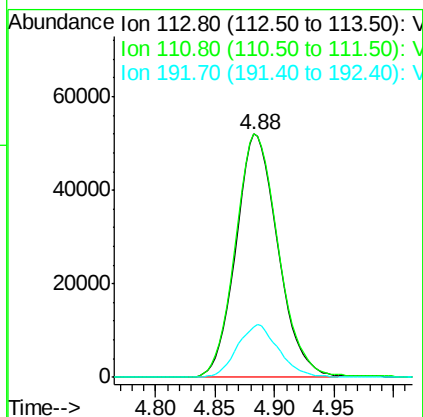
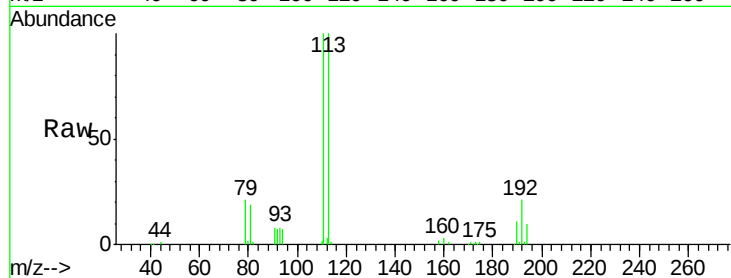




#35
Dibromofluoromethane
Concen: 45.85 ug/l
RT: 4.88 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

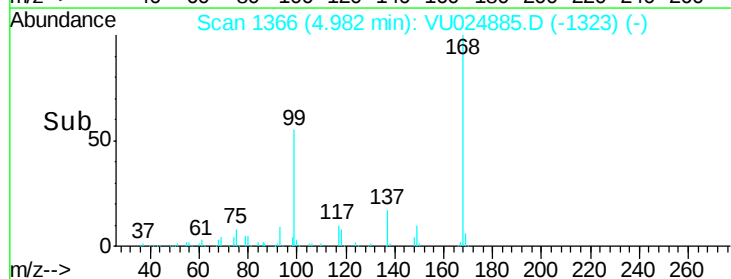
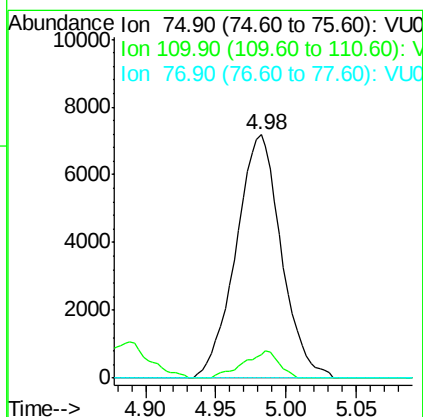
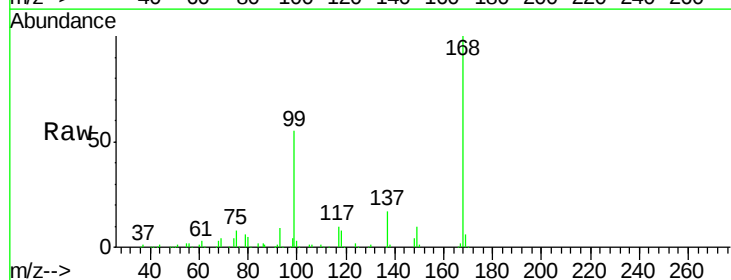
Instrument :
MSVOA_U
ClientSampleId :

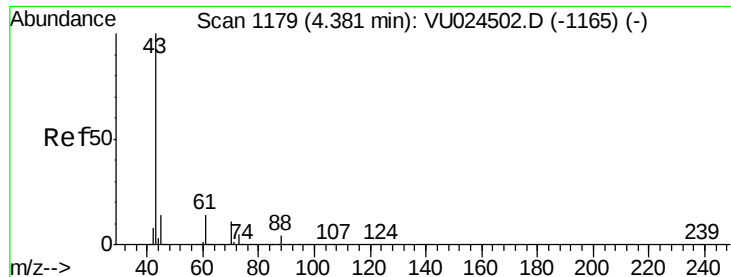
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	21.3	16.2	24.4



#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.16 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.0	50.9#
77	0.0	24.2	36.4#

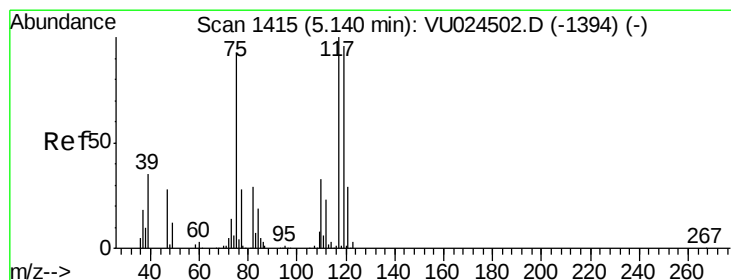
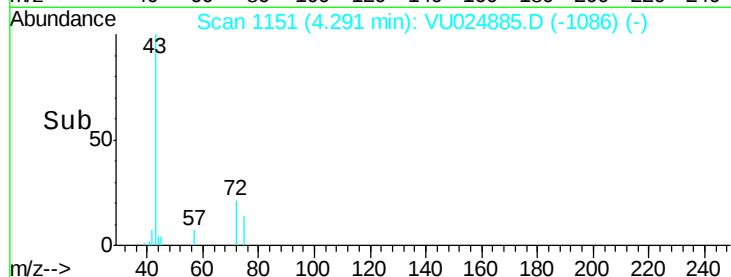
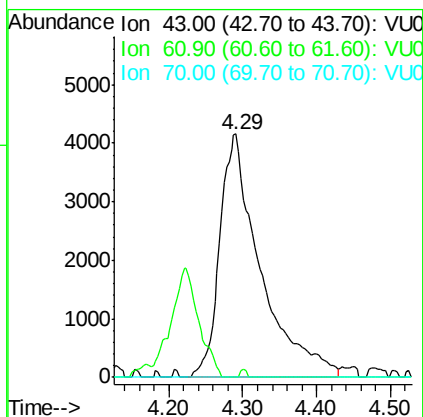
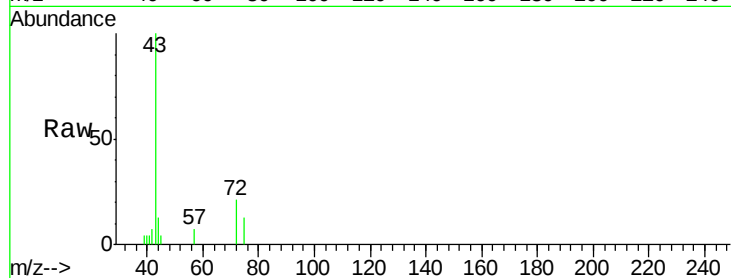




#37
Ethyl Acetate
Concen: 3.73 ug/l
RT: 4.29 min Scan# 1151
Delta R.T. -0.09 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

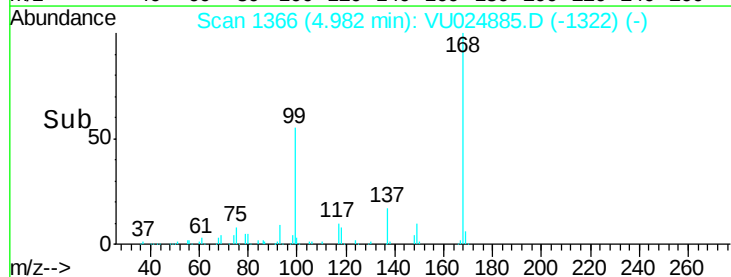
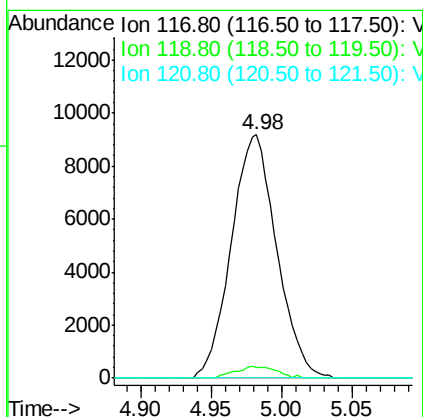
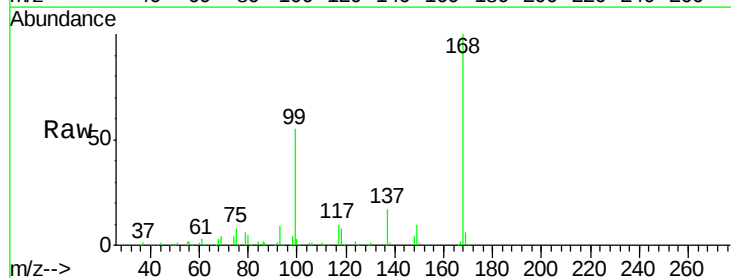
Instrument :
MSVOA_U
ClientSampled :

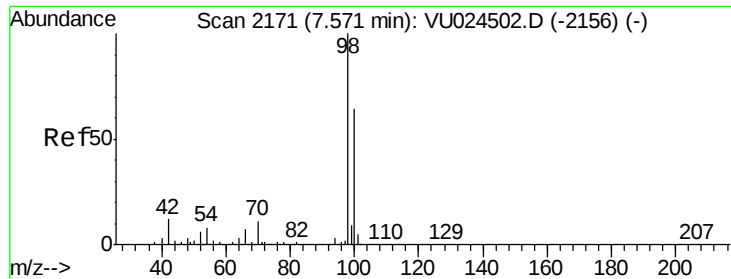
Tot Ion	43	Resp	15940
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.5	15.7#
70	0.0	7.4	11.2#



#38
Carbon Tetrachloride
Concen: 4.78 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.16 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion	117	Resp	20613
Ion Ratio	Lower	Upper	
117	100		
119	4.6	76.1	114.1#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 47.99 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

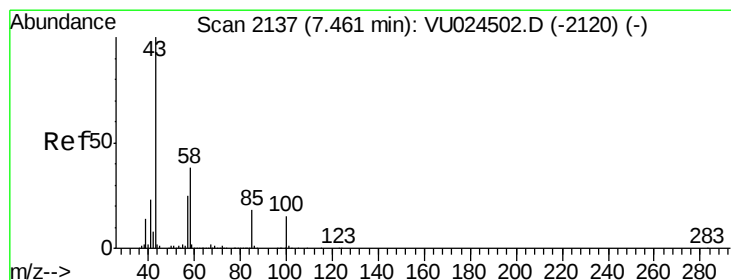
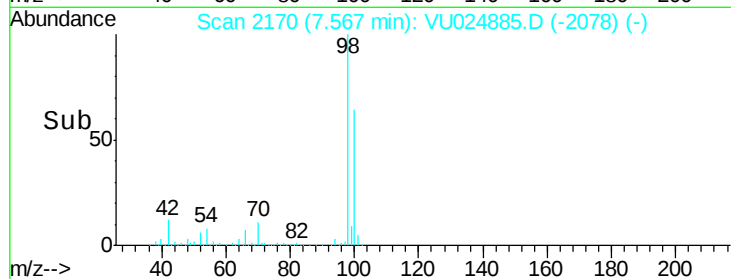
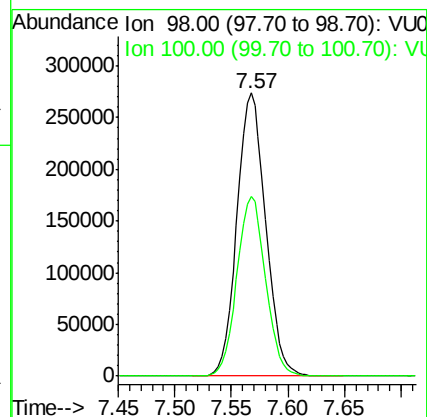
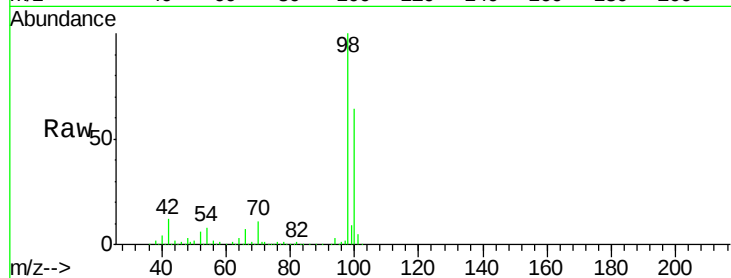
ClientSampled :

Tot Ion: 98 Resp: 484863

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 2.14 ug/l

RT: 7.48 min Scan# 2143

Delta R.T. 0.02 min

Lab File: VU024885.D

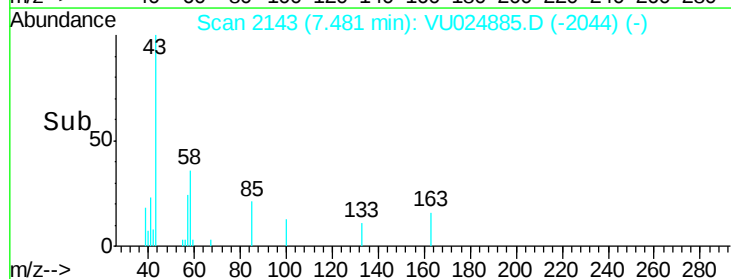
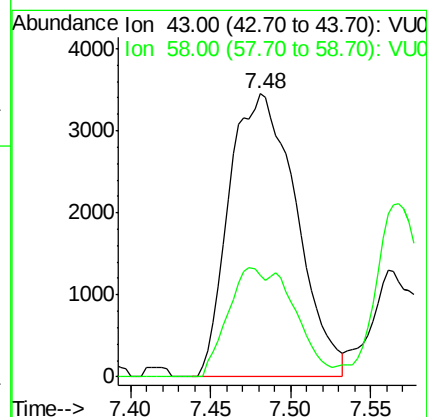
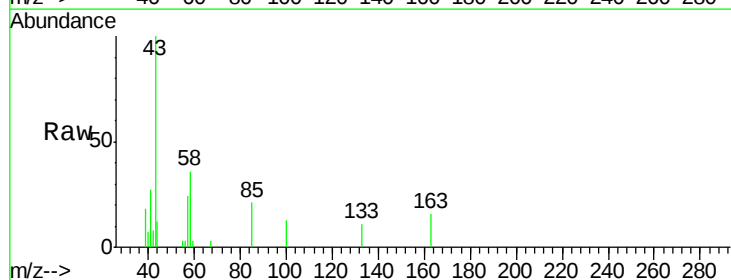
Acq: 25 Jun 2018 19:22

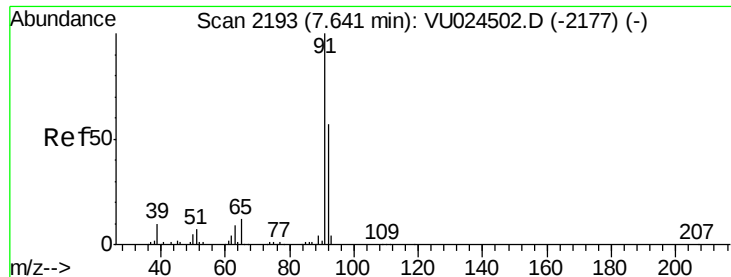
Tgt Ion: 43 Resp: 9953

Ion Ratio Lower Upper

43 100

58 21.0 30.0 45.0#





#52

Toluene

Concen: 0.59 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

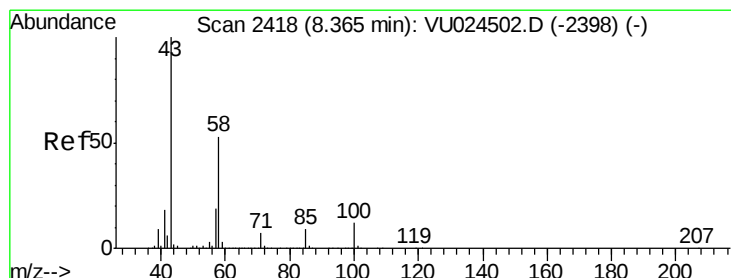
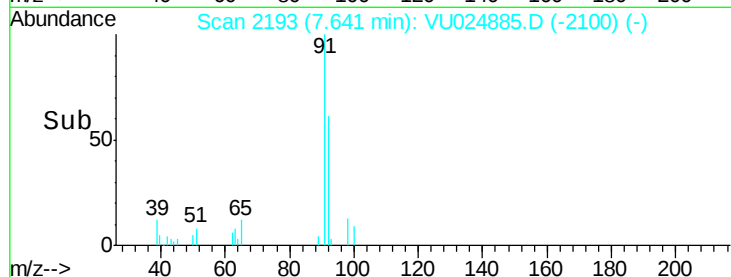
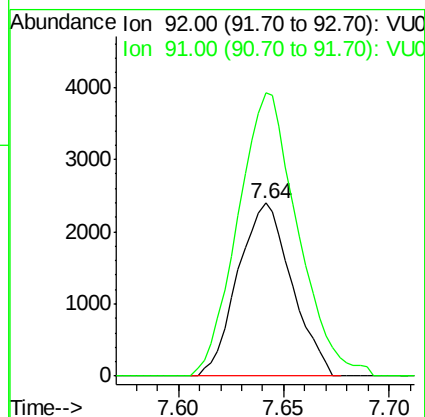
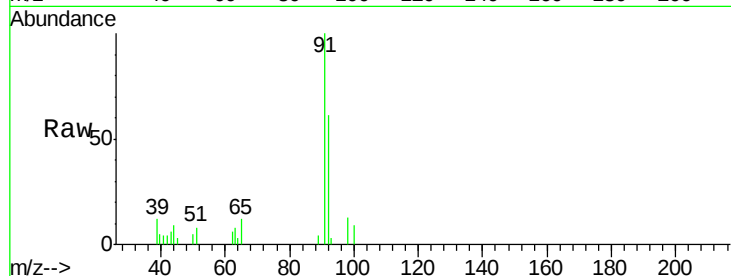
ClientSampleId :

Tot Ion: 92 Resp: 4249

Ion Ratio Lower Upper

92 100

91 182.2 140.5 210.7



#59

2-Hexanone

Concen: 0.35 ug/l

RT: 8.39 min Scan# 2427

Delta R.T. 0.03 min

Lab File: VU024885.D

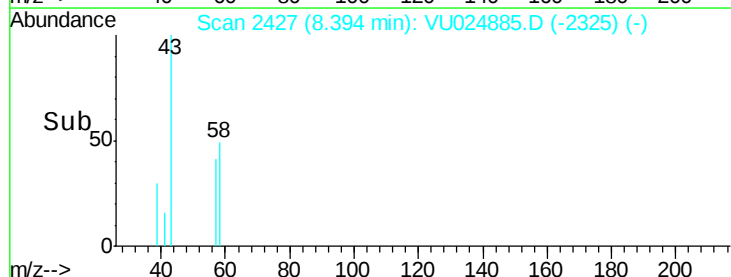
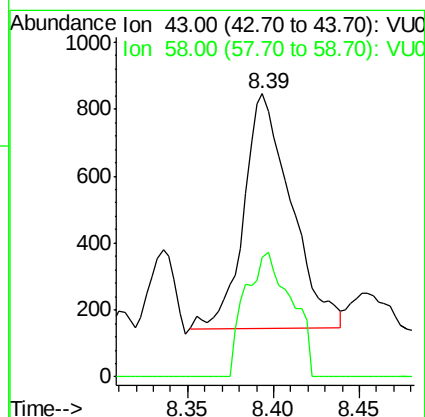
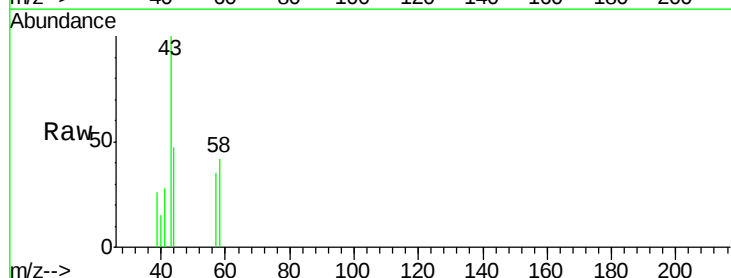
Acq: 25 Jun 2018 19:22

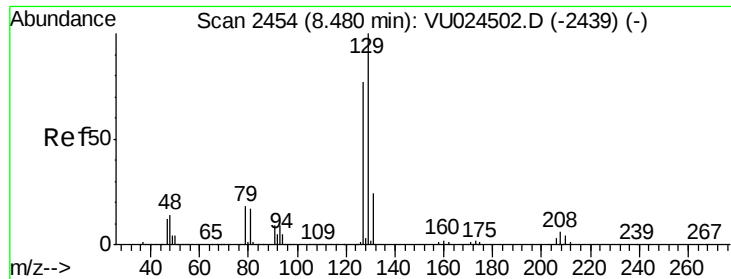
Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

58 51.9 26.4 79.0





#60

Dibromochloromethane

Concen: 0.33 ug/l

RT: 8.24 min Scan# 2378

Delta R.T. -0.24 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

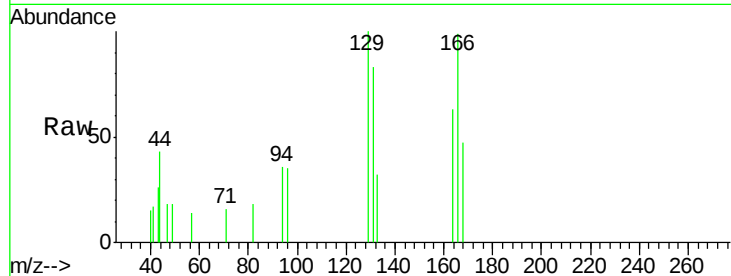
ClientSampleId :

Tot Ion:129 Resp: 1205

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.24

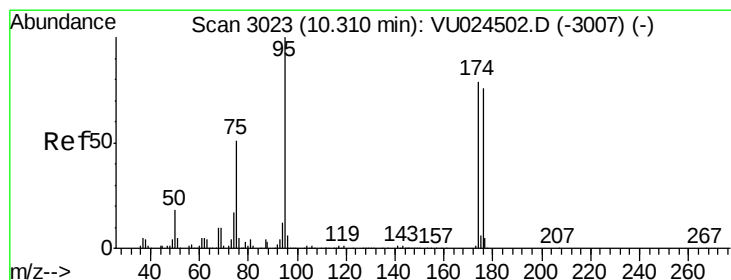
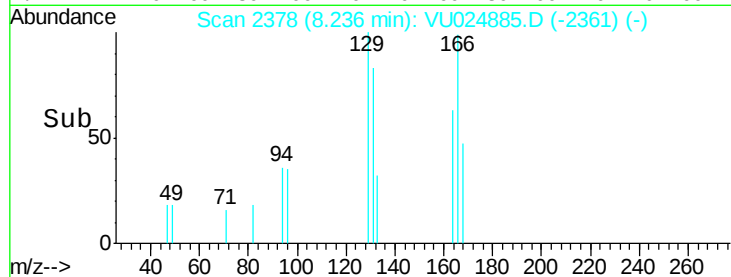
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.04 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

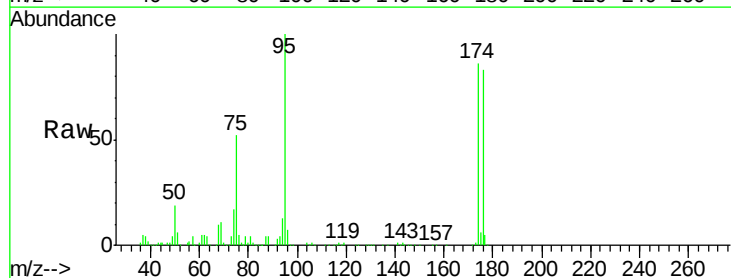
Tgt Ion: 95 Resp: 204739

Ion Ratio Lower Upper

95 100

174 83.6 0.0 165.8

176 81.2 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

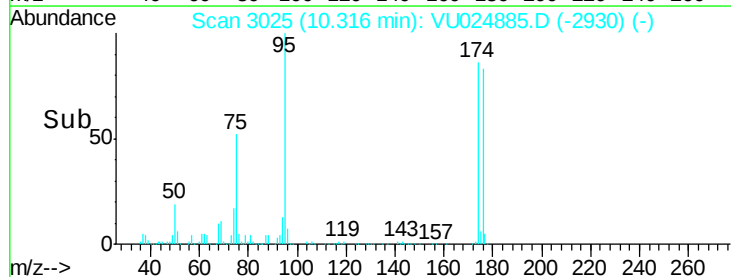
150000

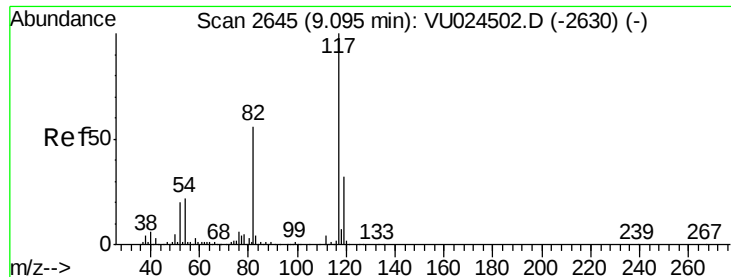
100000

50000

0

Time-->

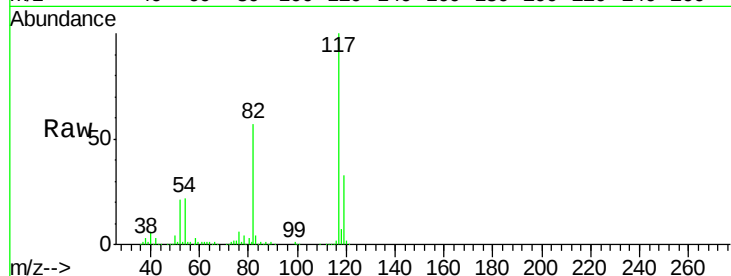




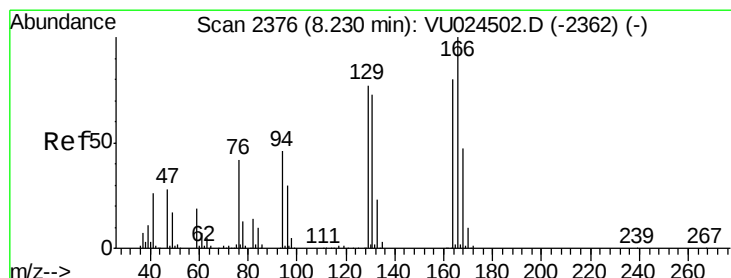
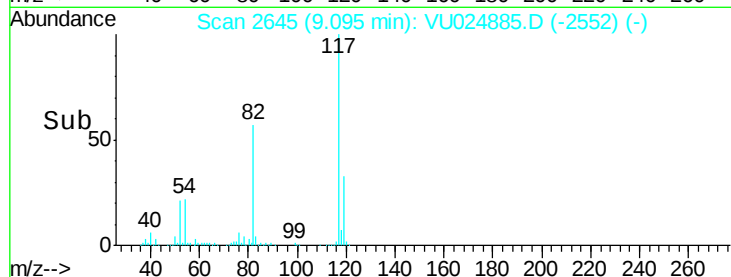
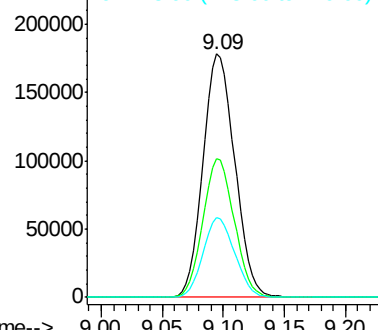
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 323712
Ion Ratio Lower Upper
117 100
82 57.0 44.3 66.5
119 32.8 25.4 38.2



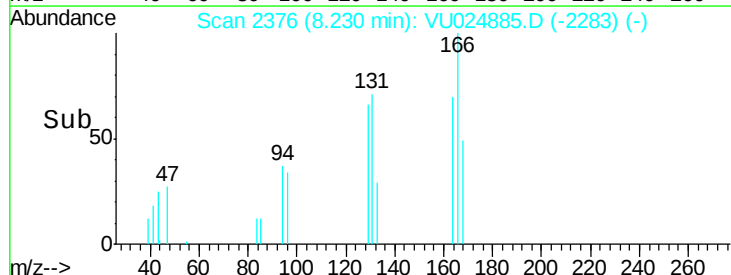
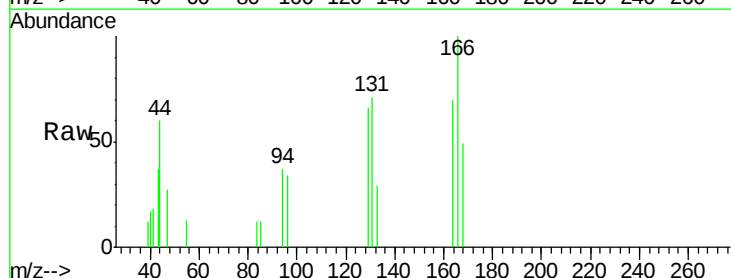
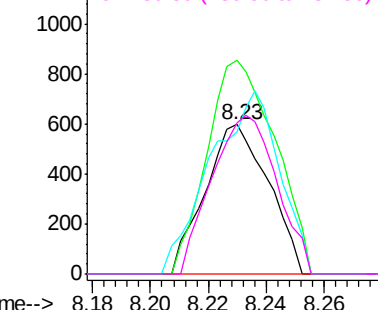
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

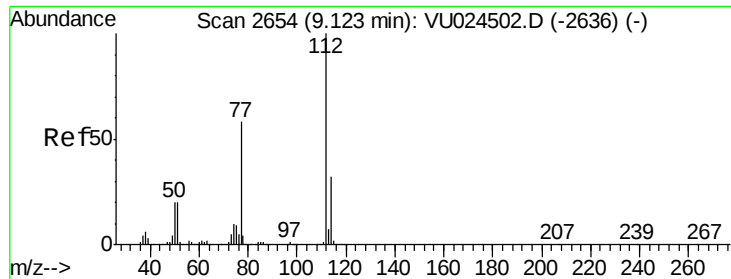


#64
Tetrachloroethene
Concen: 0.29 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion:164 Resp: 905
Ion Ratio Lower Upper
164 100
166 143.3 101.7 152.5
129 95.0 76.9 115.3
131 101.5 74.9 112.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

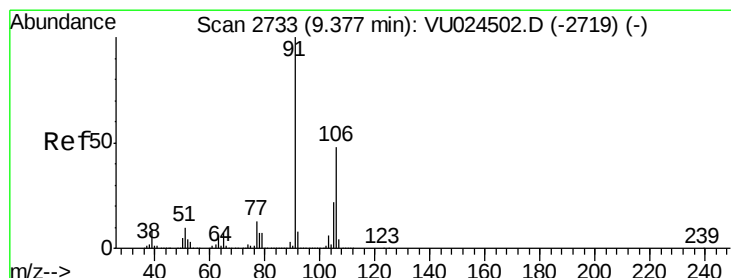
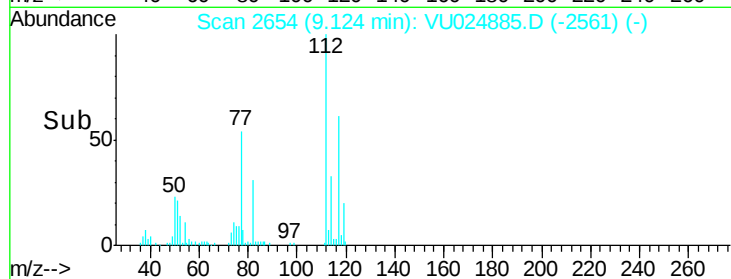
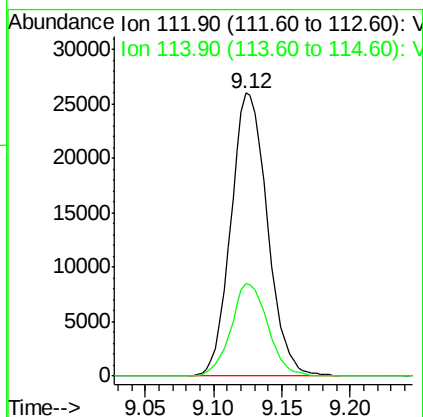
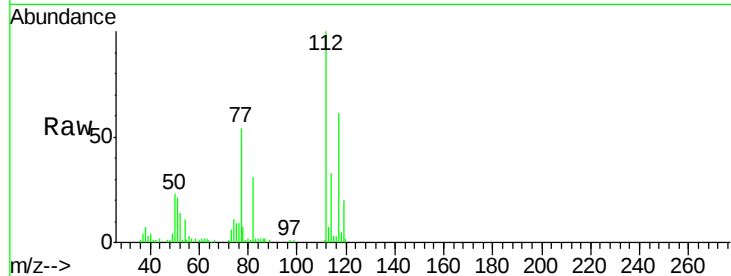




#65
Chlorobenzene
Concen: 5.84 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

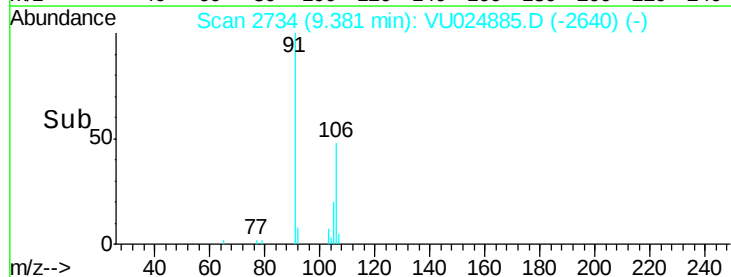
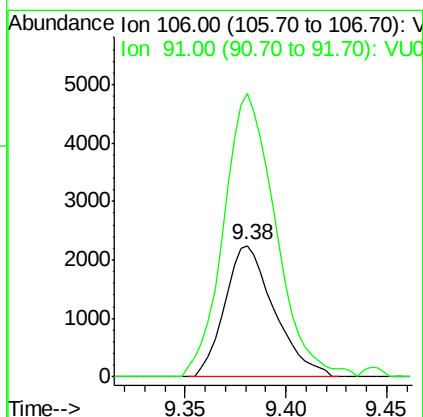
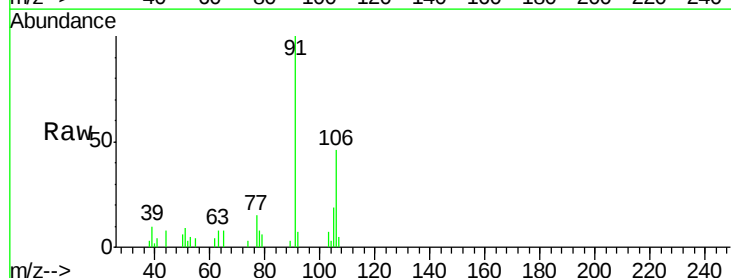
Instrument :
MSVOA_U
ClientSampleId :

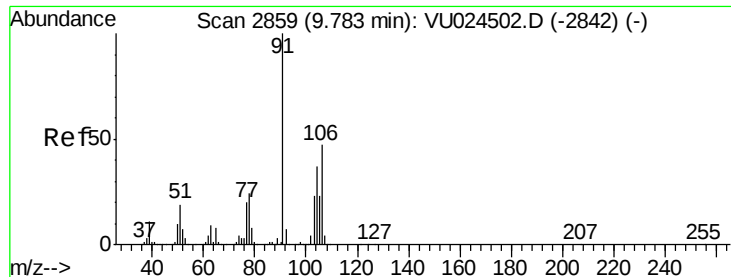
Tot Ion:112 Resp: 48334
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 0.69 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion:106 Resp: 3854
Ion Ratio Lower Upper
106 100
91 226.3 166.5 249.7

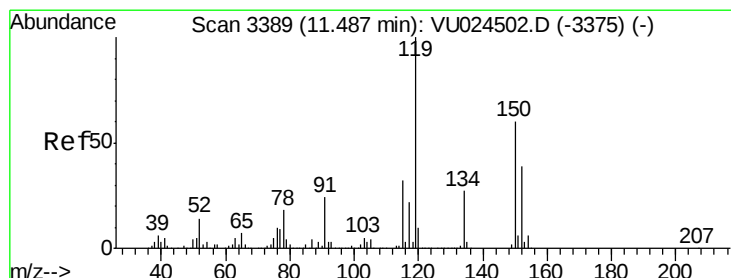
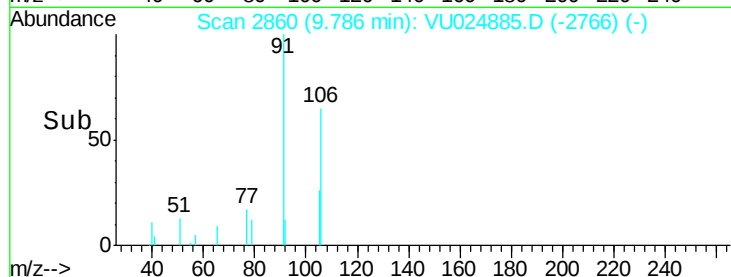
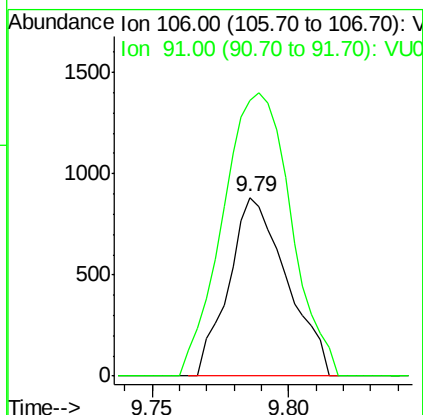
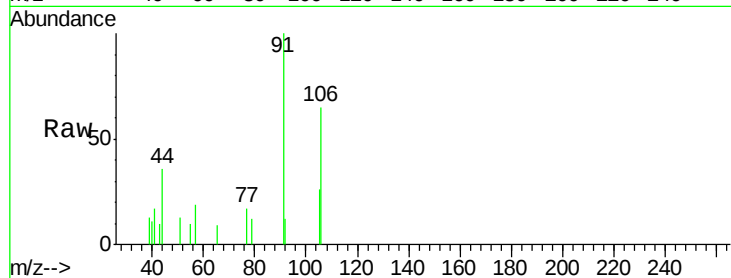




#69
o-Xylene
Concen: 0.24 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

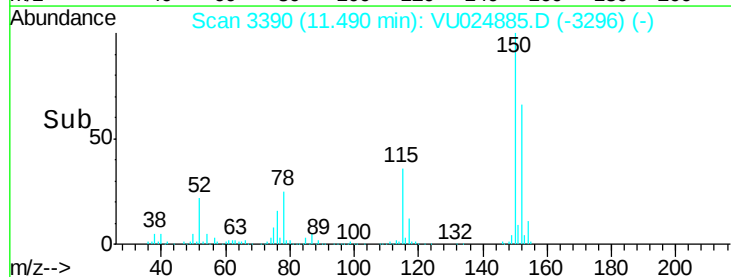
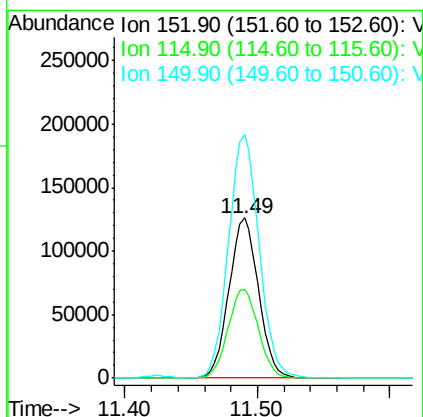
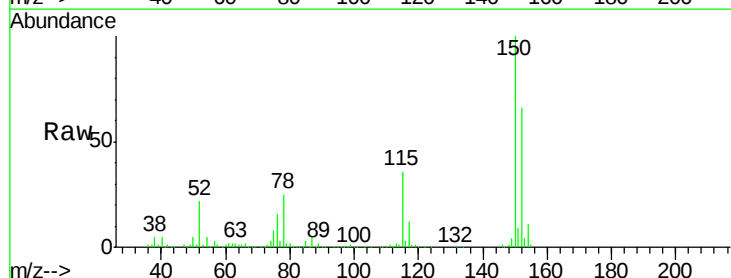
Instrument :
MSVOA_U
ClientSampled :

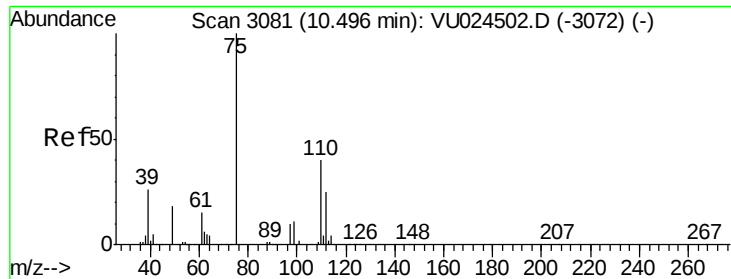
Tot Ion:106 Resp: 1303
Ion Ratio Lower Upper
106 100
91 186.8 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion:152 Resp: 194714
Ion Ratio Lower Upper
152 100
115 57.0 43.0 129.0
150 157.5 0.0 354.0





#76

1,2,3-Trichloropropane

Concen: 24.62 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

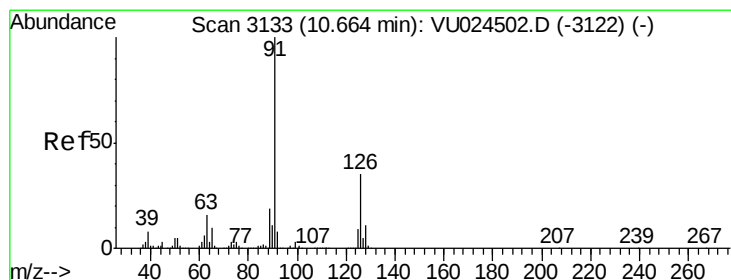
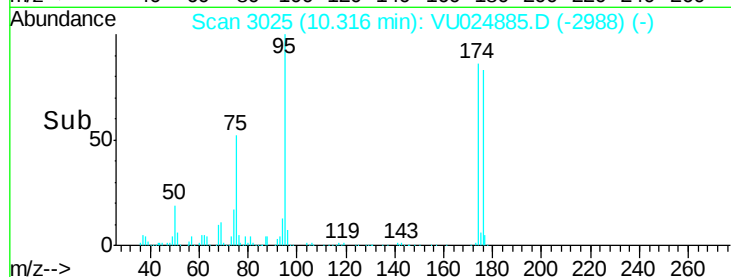
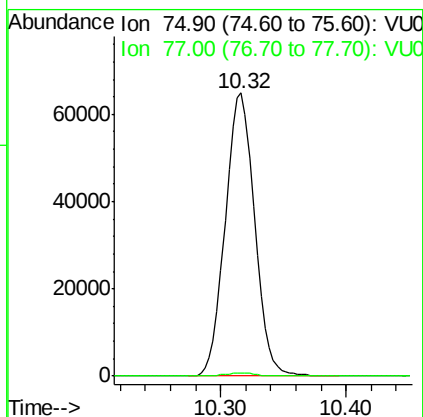
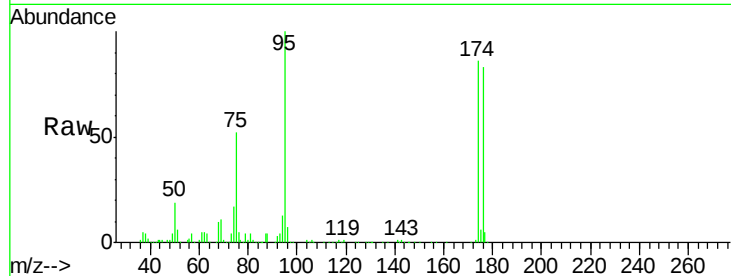
ClientSampleId :

Tot Ion: 75 Resp: 105525

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#79

2-Chlorotoluene

Concen: 0.23 ug/l

RT: 10.69 min Scan# 3141

Delta R.T. 0.03 min

Lab File: VU024885.D

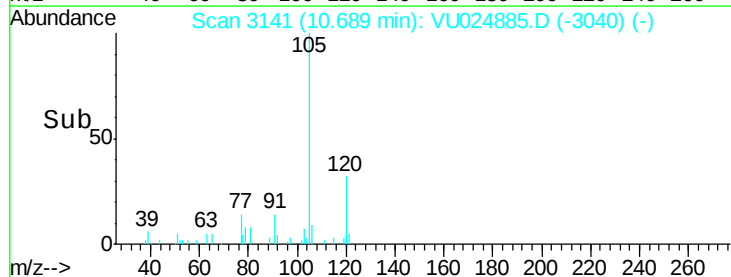
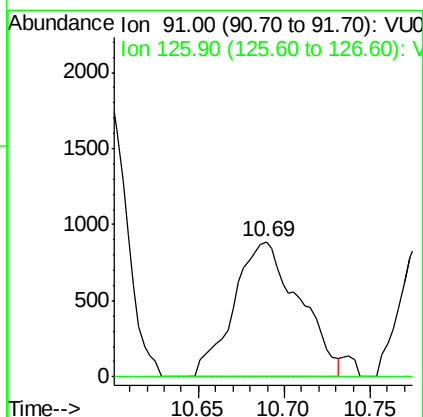
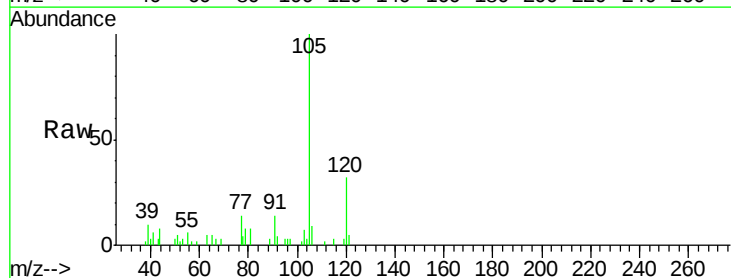
Acq: 25 Jun 2018 19:22

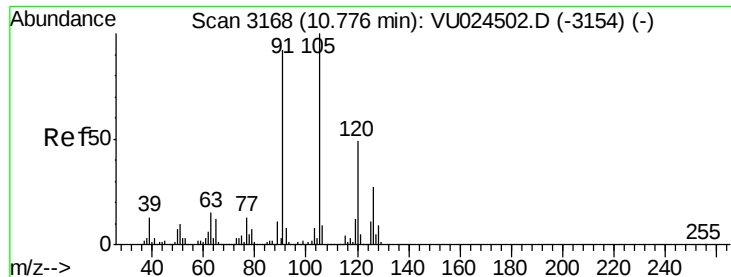
Tgt Ion: 91 Resp: 2351

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.75 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

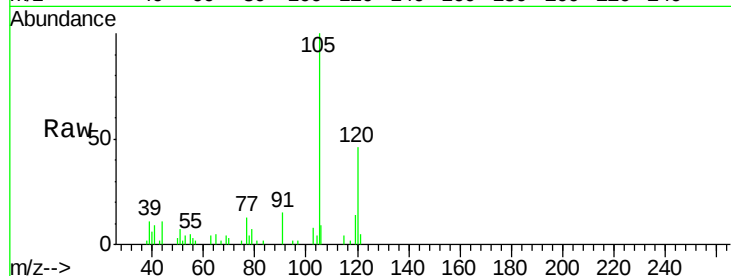
ClientSampleId :

Tot Ion:105 Resp: 9777

Ion Ratio Lower Upper

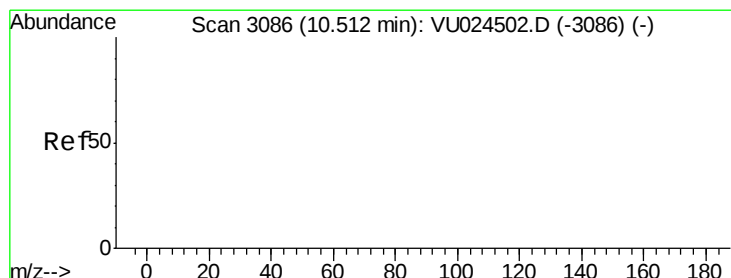
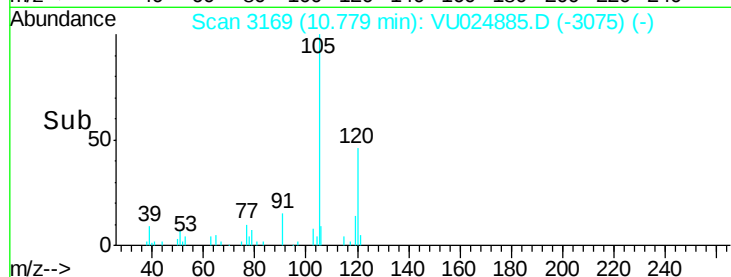
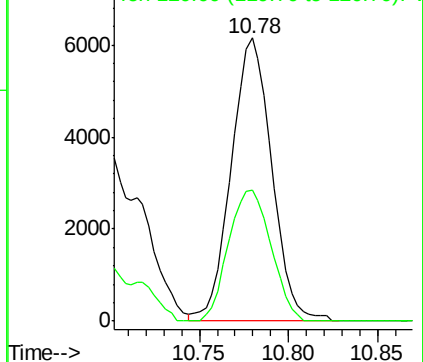
105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.97 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

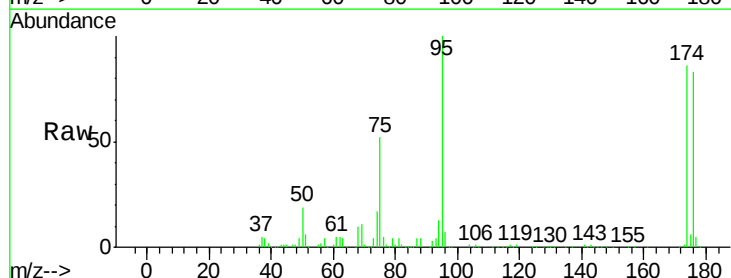
Tgt Ion: 75 Resp: 105525

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

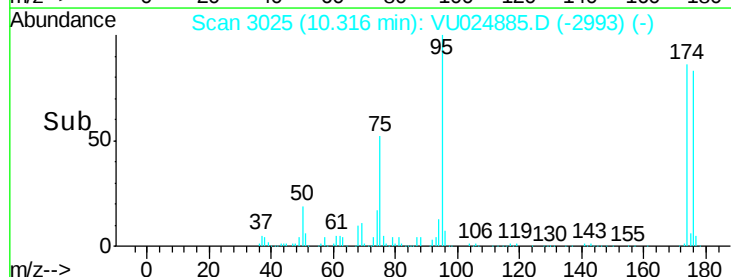
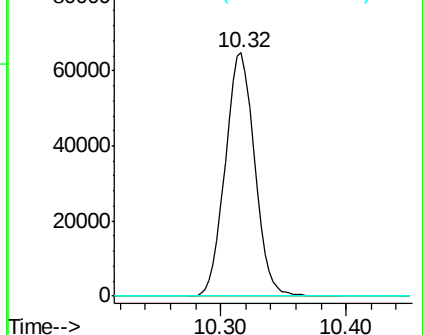
89 0.0 0.0 0.0

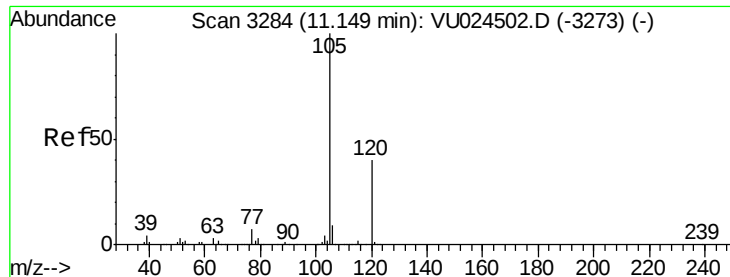


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

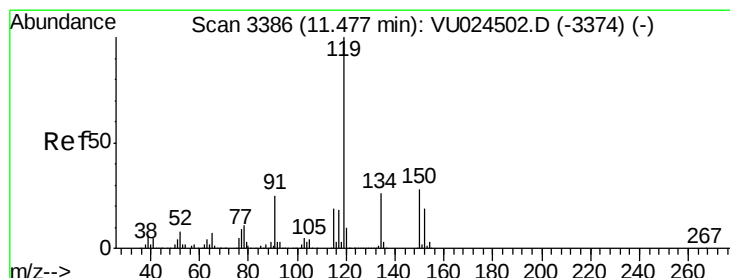
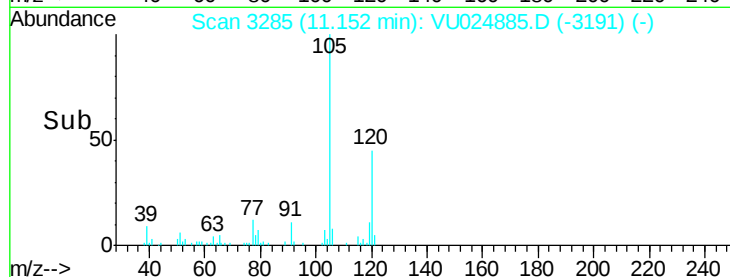
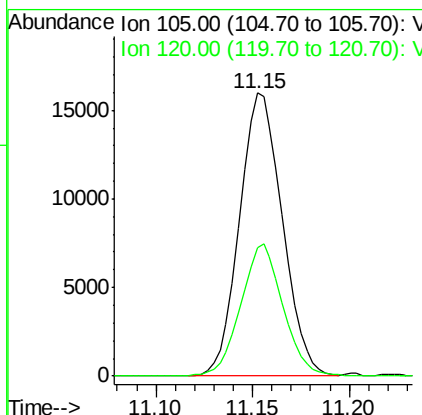
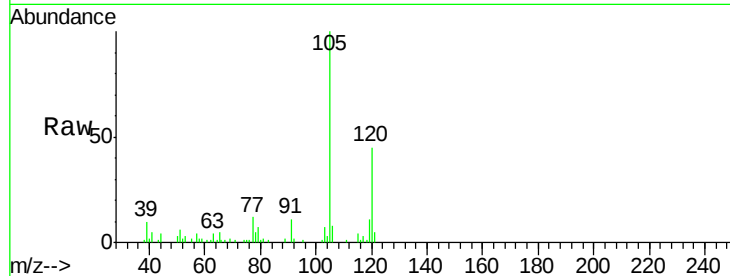




#84
 1,2,4-Trimethylbenzene
 Concen: 1.86 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024885.D
 Acq: 25 Jun 2018 19:22

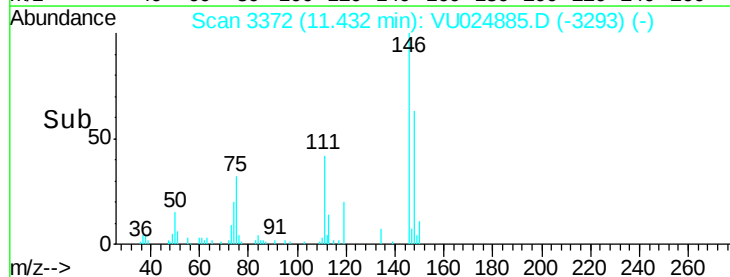
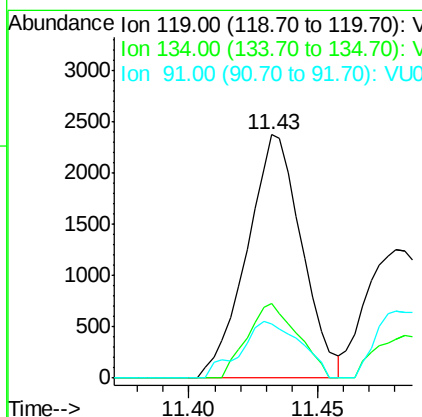
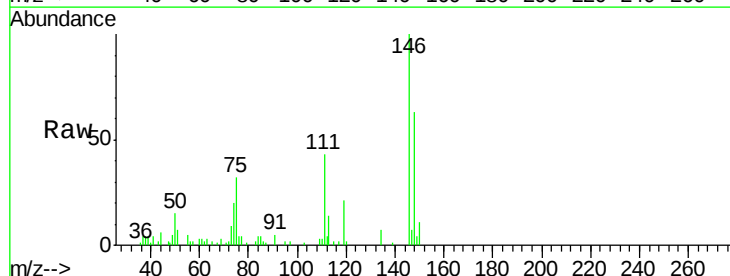
Instrument :
 MSVOA_U
 ClientSampleId :

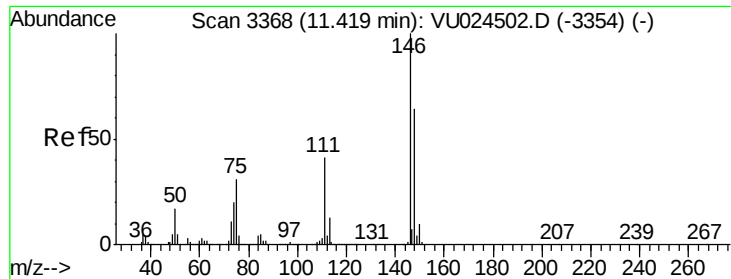
Tot Ion:105 Resp: 24621
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8



#86
 p-Isopropyltoluene
 Concen: 0.25 ug/l
 RT: 11.43 min Scan# 3372
 Delta R.T. -0.04 min
 Lab File: VU024885.D
 Acq: 25 Jun 2018 19:22

Tgt Ion:119 Resp: 3529
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.9 38.6
 91 25.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 3.48 ug/l

RT: 11.43 min Scan# 3370

Delta R.T. 0.01 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

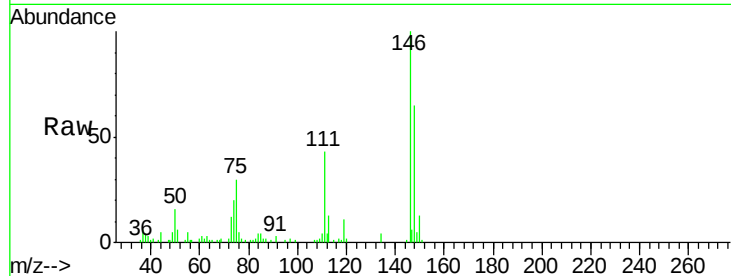
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146 Resp: 24365

Ion	Ratio	Lower	Upper
146	100		
111	44.7	20.0	60.0
148	63.9	32.1	96.5

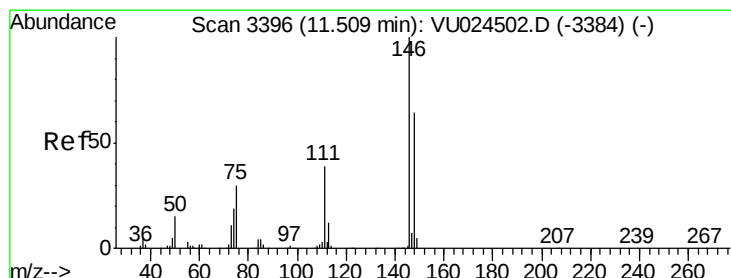
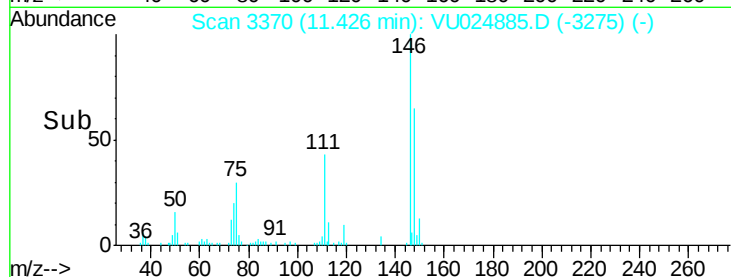
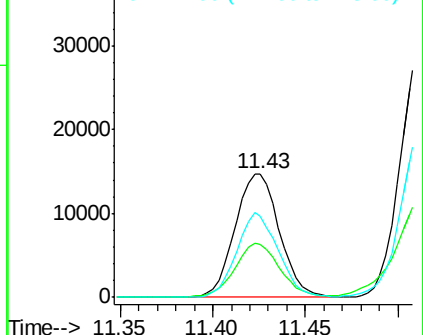


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 7.17 ug/l

RT: 11.51 min Scan# 3397

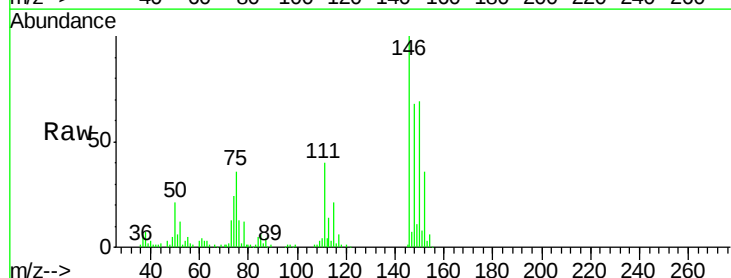
Delta R.T. 0.00 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Tgt Ion:146 Resp: 50425

Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.5	58.5
148	67.3	32.4	97.0

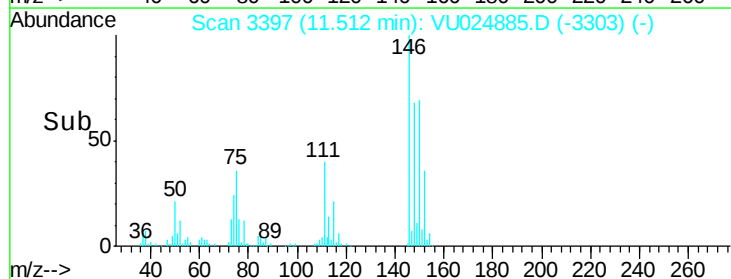
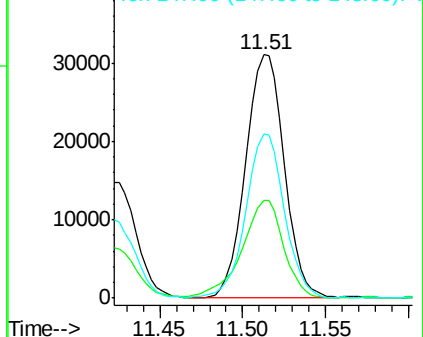


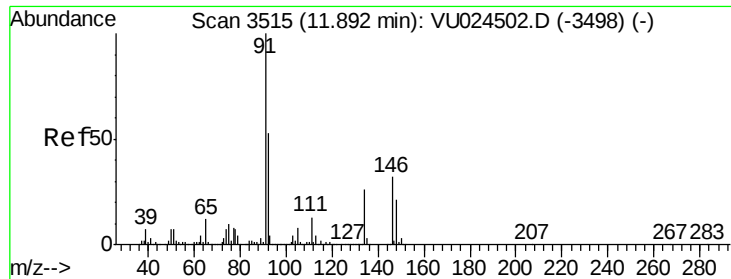
Abundance

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

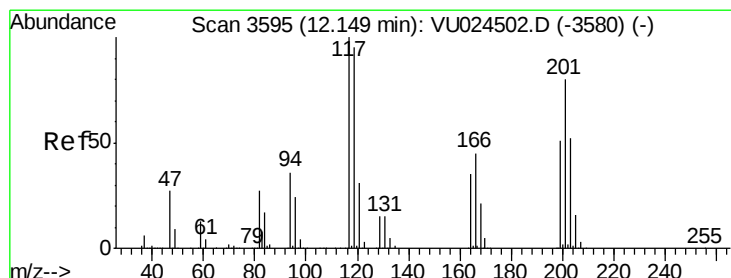
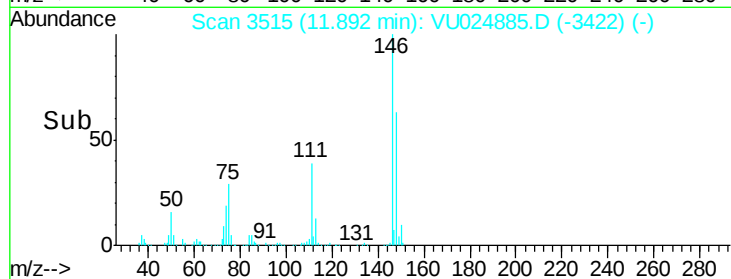
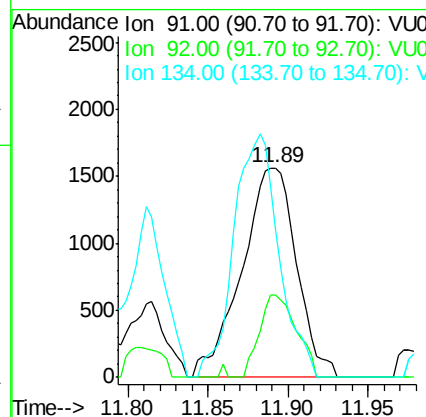
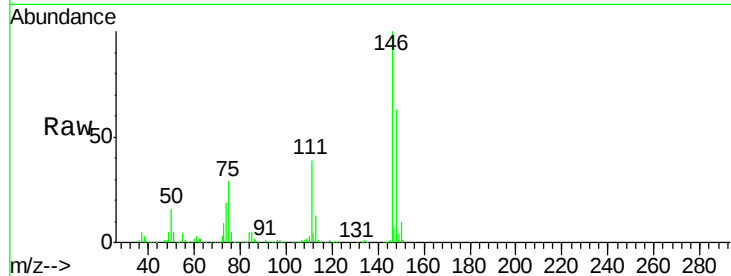




#89
n-Butylbenzene
Concen: 0.30 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

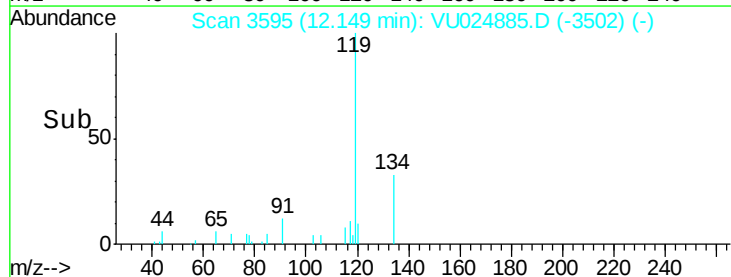
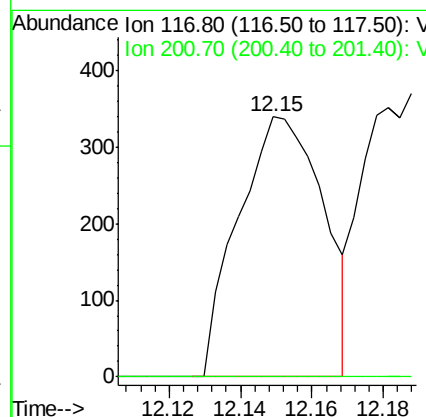
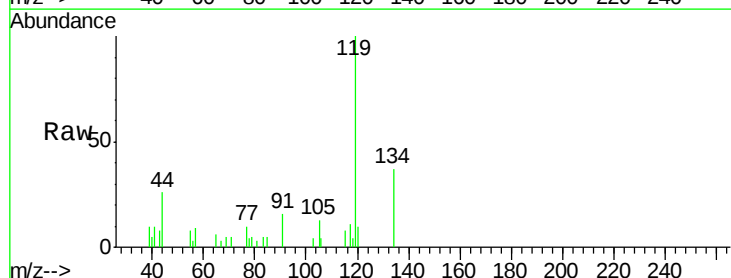
Instrument :
MSVOA_U
ClientSampleId :

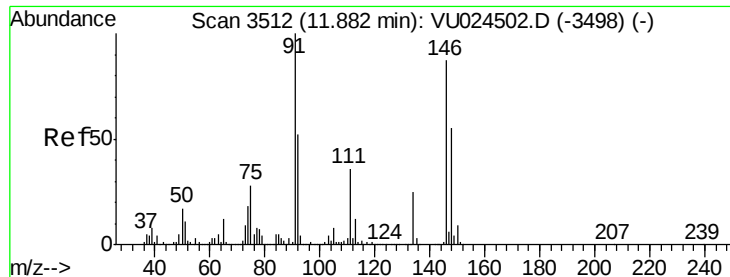
Tot Ion: 91 Resp: 3667
Ion Ratio Lower Upper
91 100
92 26.6 25.6 76.8
134 94.8 12.3 36.8#



#90
Hexachloroethane
Concen: 0.21 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024885.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 117 Resp: 560
Ion Ratio Lower Upper
117 100
201 0.0 41.1 123.3#

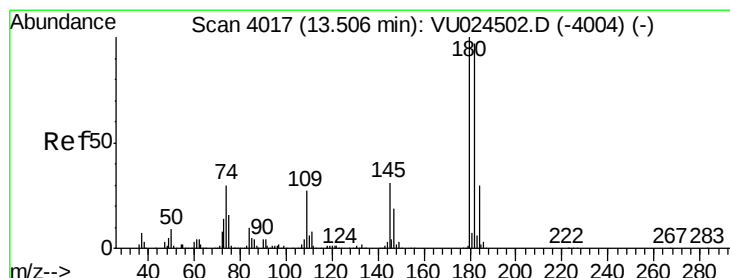
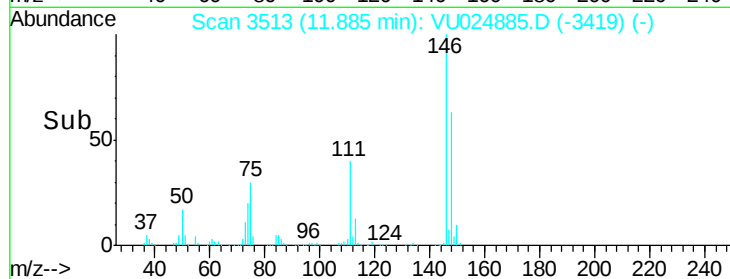
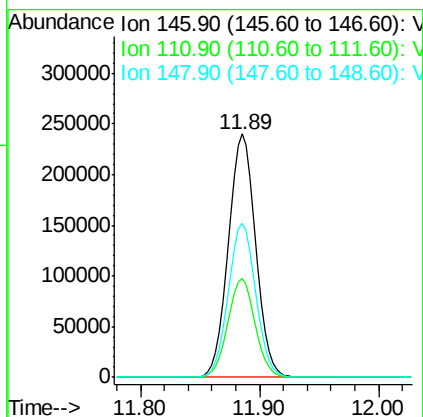
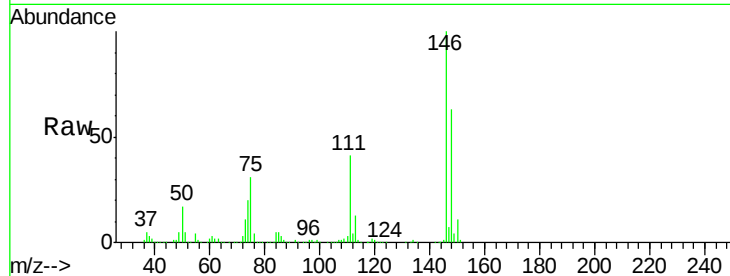




#91
 1,2-Dichlorobenzene
 Concen: 54.45 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU024885.D
 Acq: 25 Jun 2018 19:22

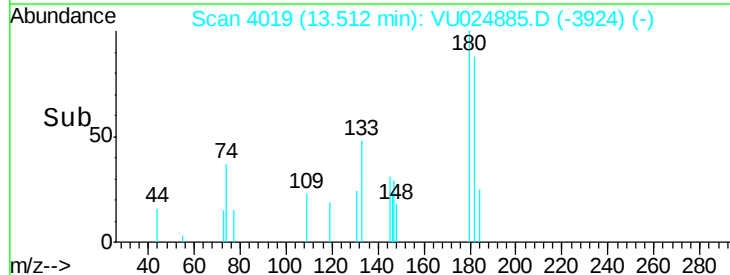
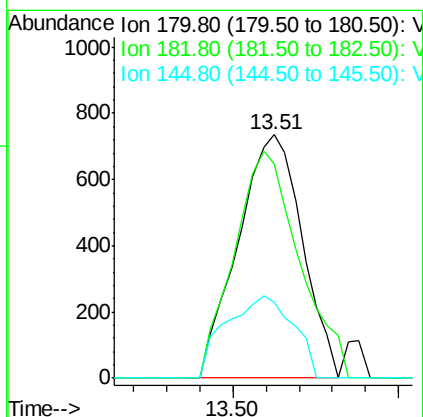
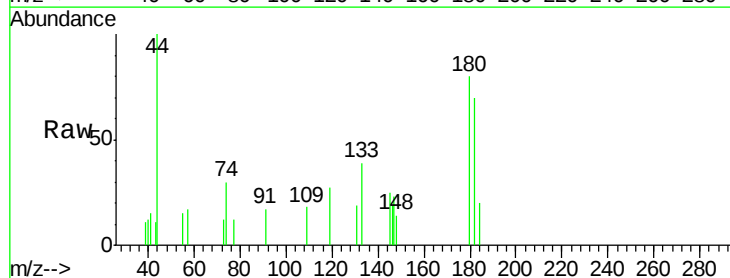
Instrument :
 MSVOA_U
 ClientSampleId :

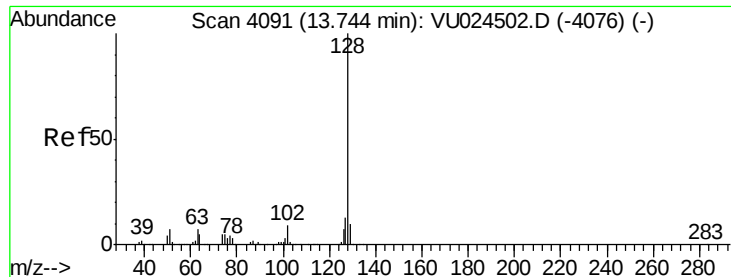
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.6
148	63.6	31.9	95.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU024885.D
 Acq: 25 Jun 2018 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.2
145	35.6	14.7	44.1





#95

Naphthalene

Concen: 1.92 ug/l

RT: 13.75 min Scan# 4093

Delta R.T. 0.01 min

Lab File: VU024885.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_U

ClientSampleId :

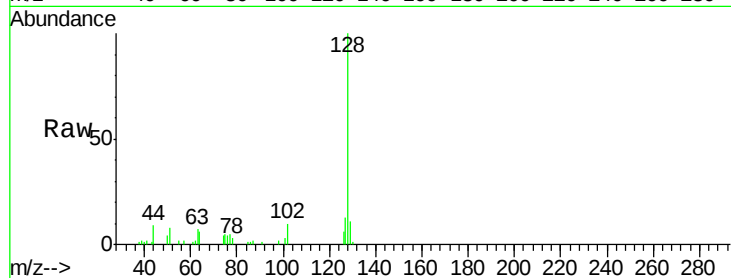
Tot Ion:128 Resp: 17984

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.7 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

