

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024573.D
 Acq On : 15 Jun 2018 04:50
 Operator : MD/SY
 Sample : J3478-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 05:14:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

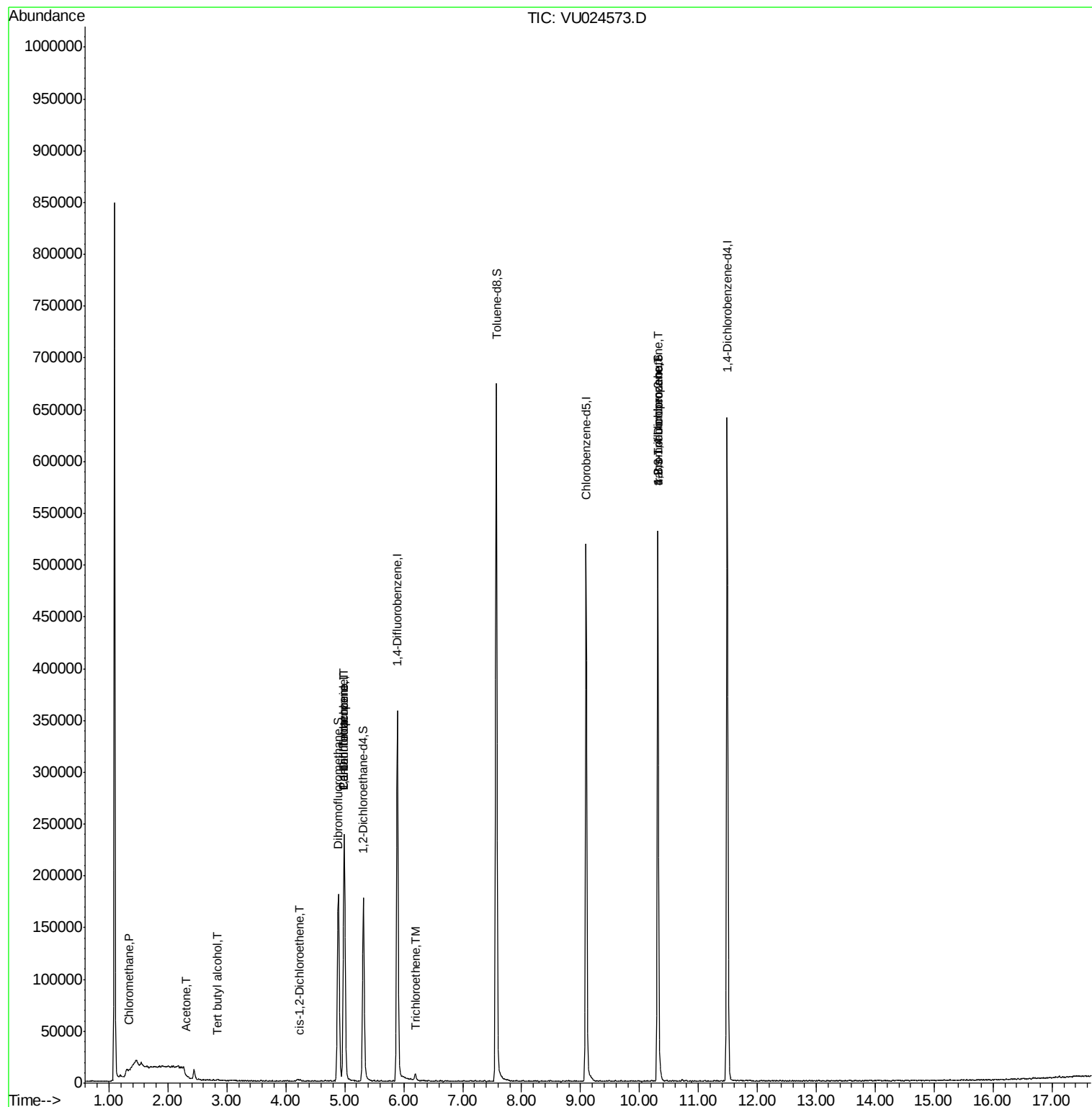
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315080	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	177767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	137043	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
35) Dibromofluoromethane	4.89	113	125056	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	7.57	98	463584	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.31	95	175576	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	852	0.344	ug/l	96
6) Chloroethane	1.67	64	515	Below Cal	#	52
8) Diethyl Ether	2.06	74	43	Below Cal		94
11) Tert butyl alcohol	2.84	59	321	0.417	ug/l #	49
16) Acetone	2.32	43	1512	0.890	ug/l #	82
27) cis-1,2-Dichloroethene	4.24	96	594	0.213	ug/l	39
31) Cyclohexane	4.99	56	3277	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	13044	3.523	ug/l #	52
38) Carbon Tetrachloride	4.99	117	17189	4.222	ug/l #	17
44) Trichloroethene	6.19	130	2453	0.817	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	86392	22.074	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	86392	51.088	ug/l #	100

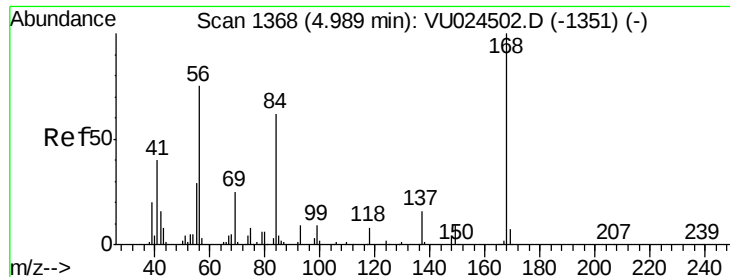
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024573.D
Acq On : 15 Jun 2018 04:50
Operator : MD/SY
Sample : J3478-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 05:14:36 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: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Instrument :

MSVOA_U

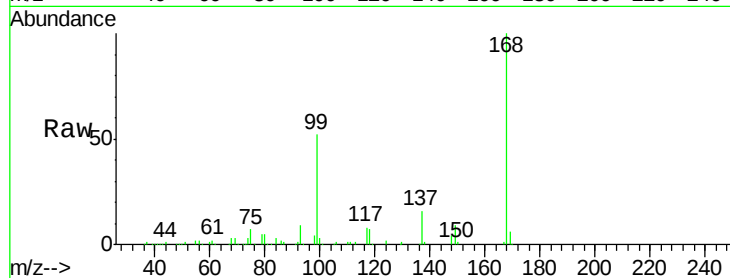
ClientSampleId :

Tot Ion:168 Resp: 193760

Ion Ratio Lower Upper

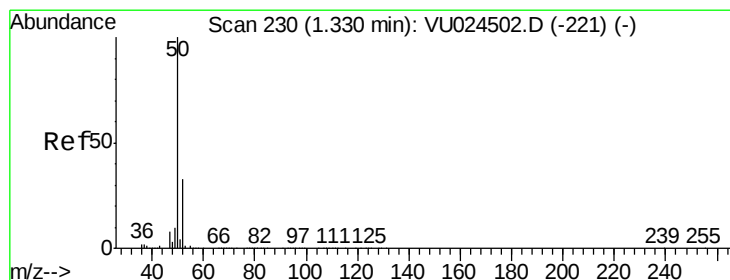
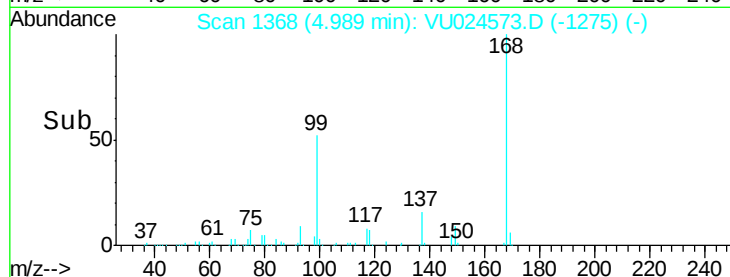
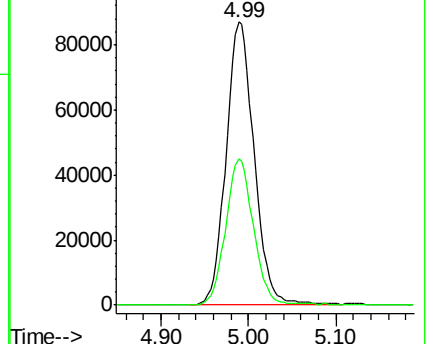
168 100

99 51.8 43.2 64.8



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

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



#3

Chloromethane

Concen: 0.344 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024573.D

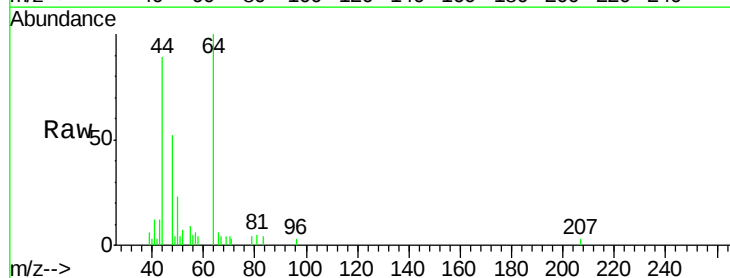
Acq: 15 Jun 2018 04:50

Tgt Ion: 50 Resp: 852

Ion Ratio Lower Upper

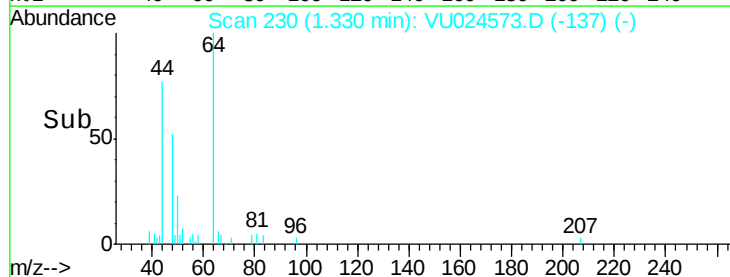
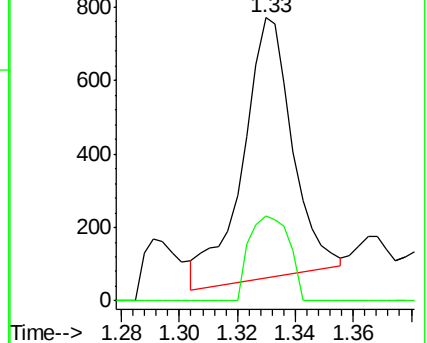
50 100

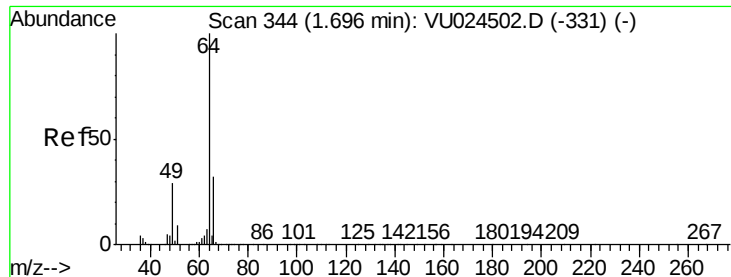
52 35.1 26.4 39.6



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

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





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 336

Delta R.T. -0.03 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Instrument :

MSVOA_U

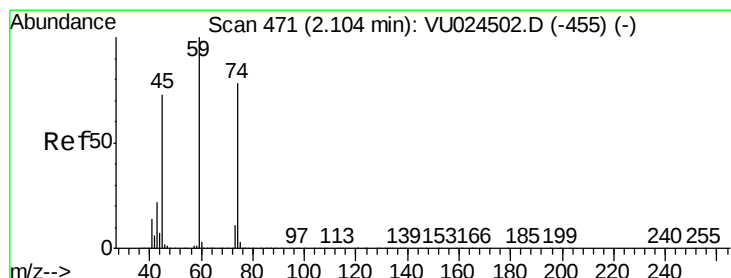
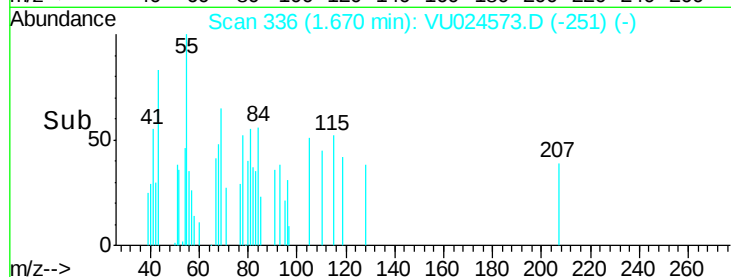
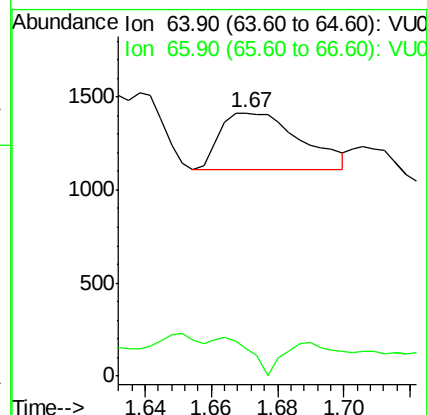
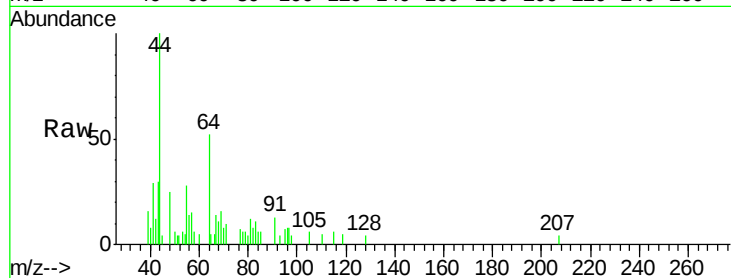
ClientSampled :

Tot Ion: 64 Resp: 515

Ion Ratio Lower Upper

64 100

66 5.2 25.5 38.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.06 min Scan# 458

Delta R.T. -0.04 min

Lab File: VU024573.D

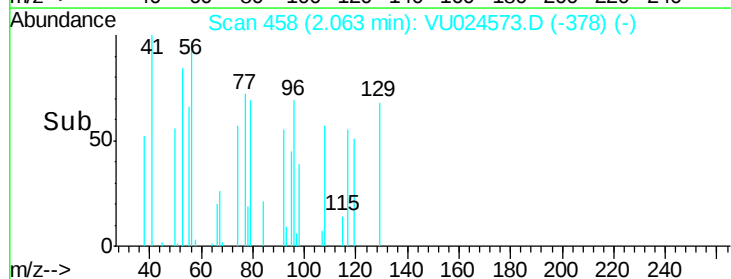
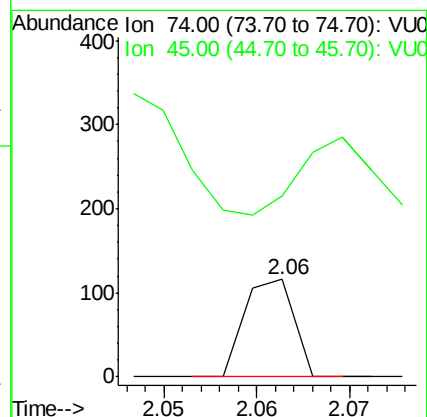
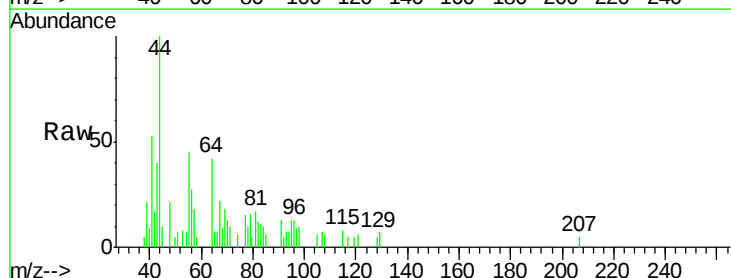
Acq: 15 Jun 2018 04:50

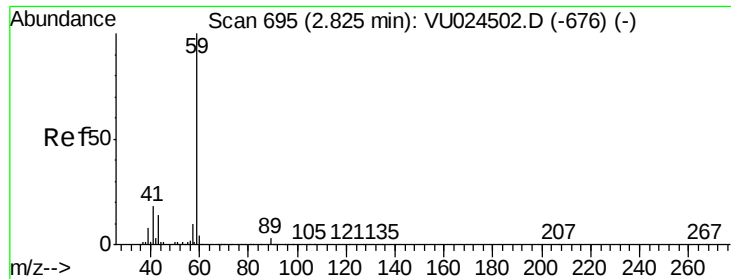
Tgt Ion: 74 Resp: 43

Ion Ratio Lower Upper

74 100

45 116.3 55.0 165.0

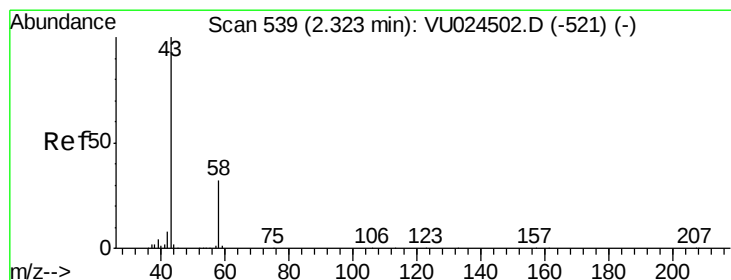
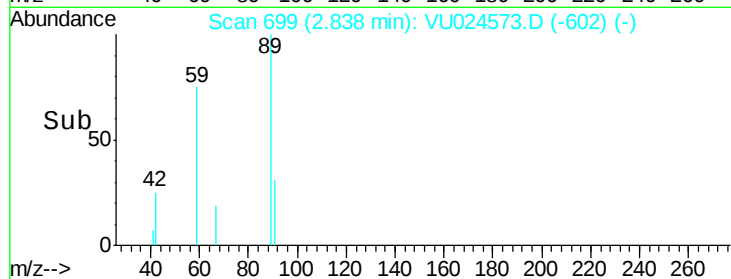
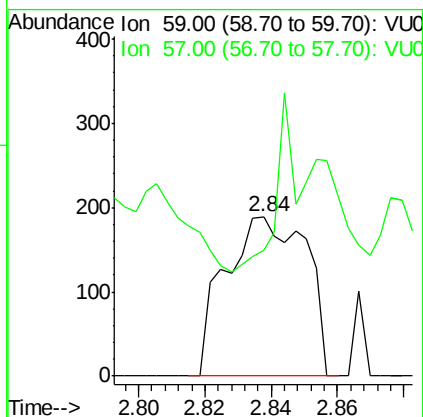
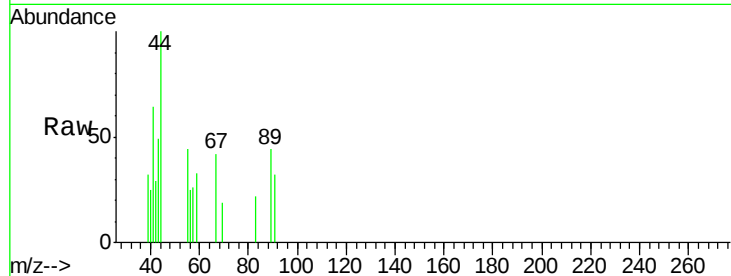




#11
Tert butyl alcohol
Concen: 0.417 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU024573.D
Acq: 15 Jun 2018 04:50

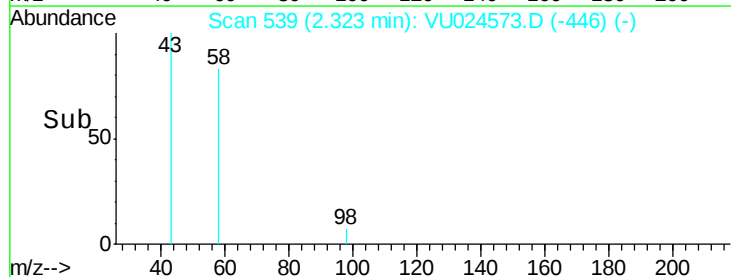
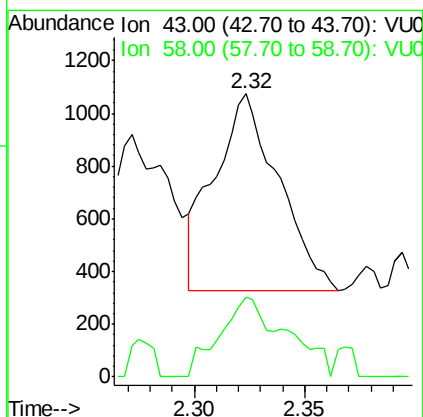
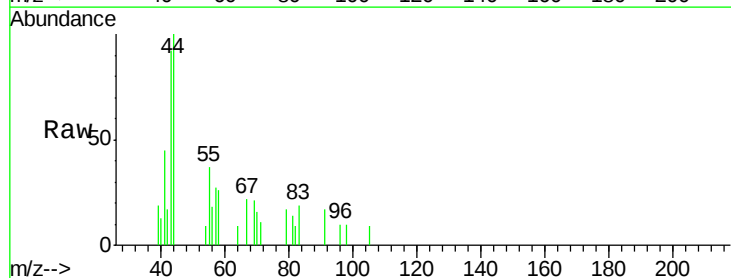
Instrument :
MSVOA_U
ClientSampled :

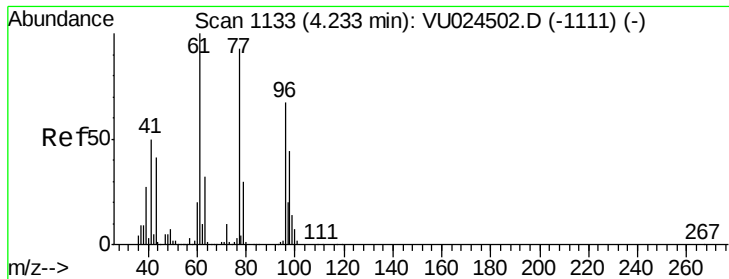
Tot Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 29.9 8.5 12.7#



#16
Acetone
Concen: 0.890 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU024573.D
Acq: 15 Jun 2018 04:50

Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
58 40.3 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 0.213 ug/l

RT: 4.24 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Instrument :
MSVOA_U
ClientSampleId :

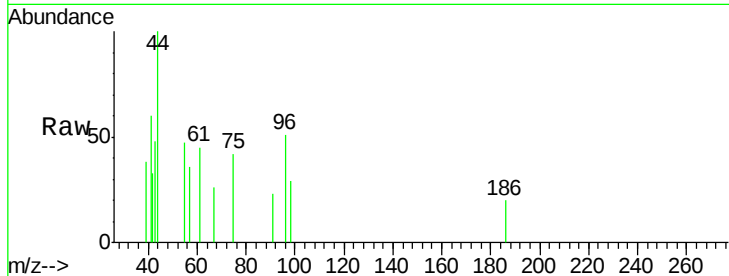
Tot Ion: 96 Resp: 594

Ion Ratio Lower Upper

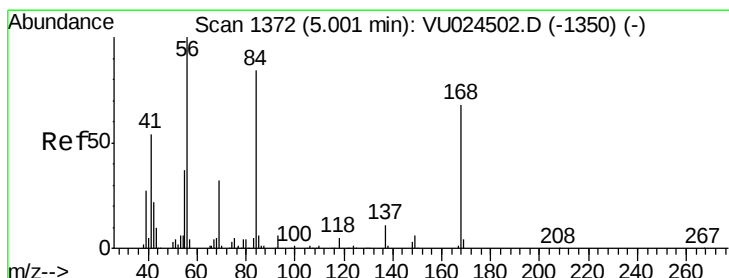
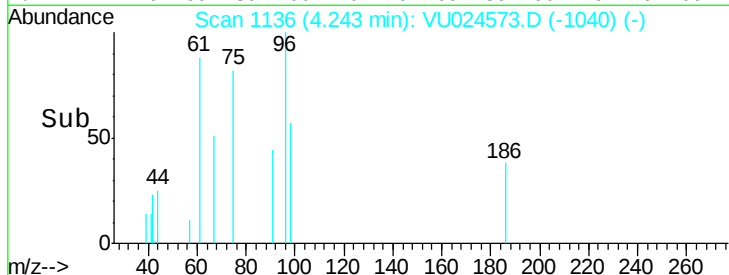
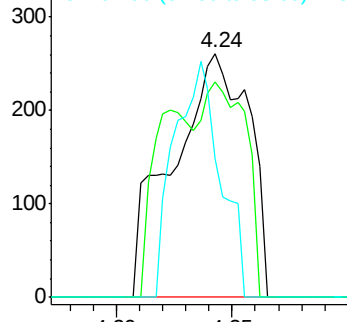
96 100

61 46.5 0.0 306.6

98 58.4 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



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

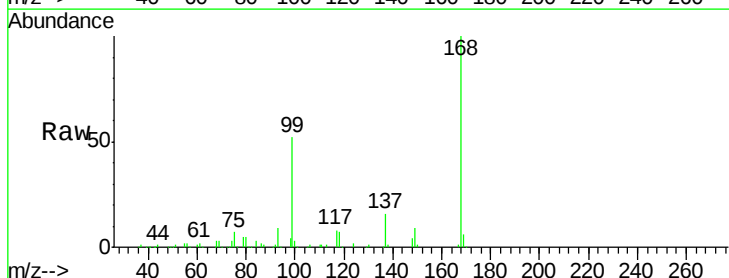
Tgt Ion: 56 Resp: 3277

Ion Ratio Lower Upper

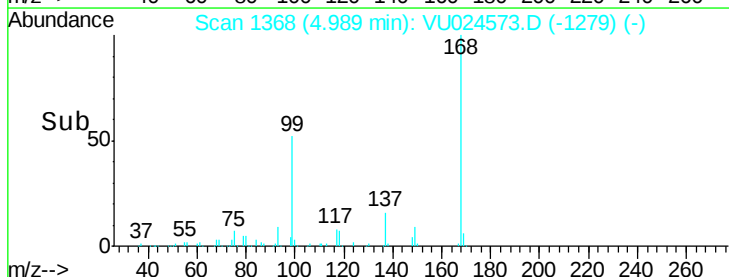
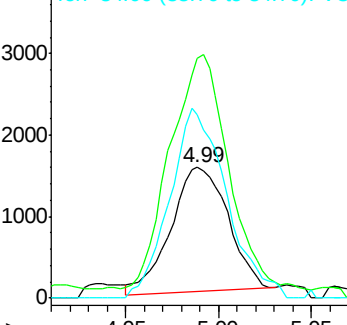
56 100

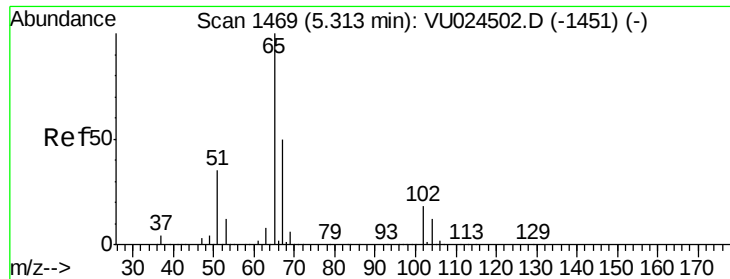
69 191.6 24.8 37.2#

84 153.7 65.2 97.8#



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

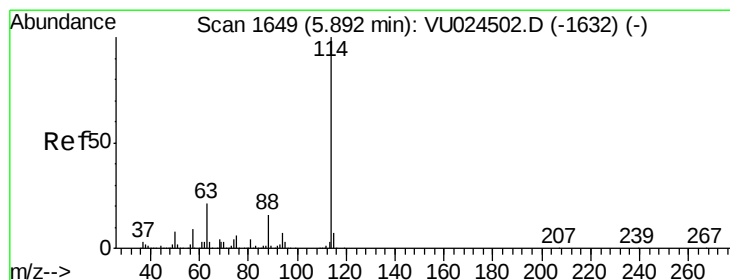
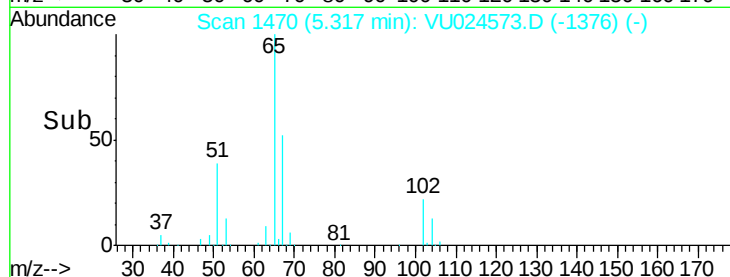
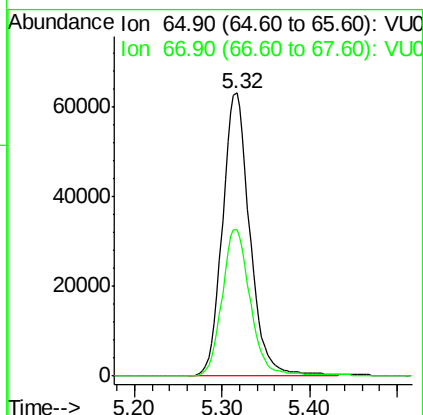
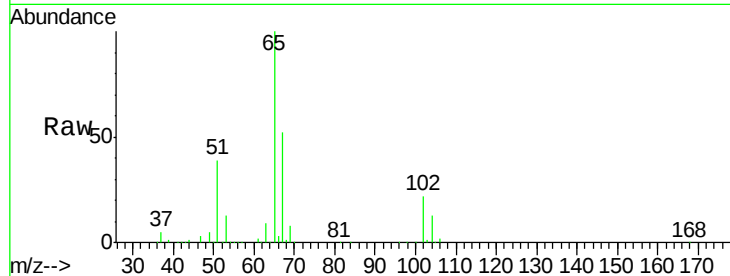




#33
 1,2-Dichloroethane-d4
 Concen: 43.325 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024573.D
 Acq: 15 Jun 2018 04:50

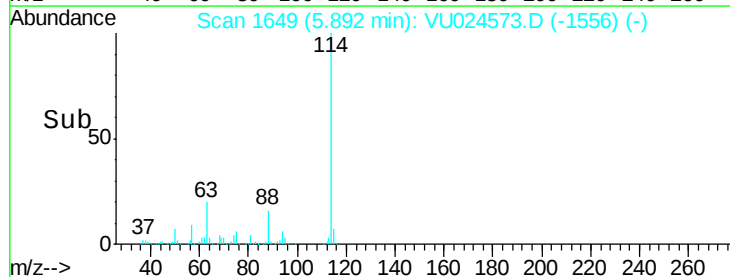
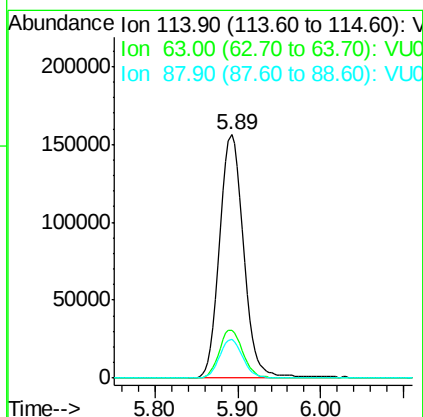
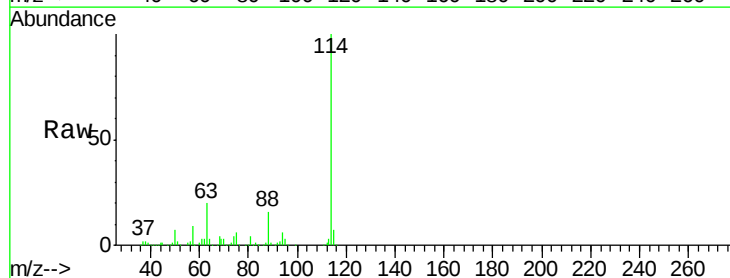
Instrument :
 MSVOA_U
 ClientSampleId :

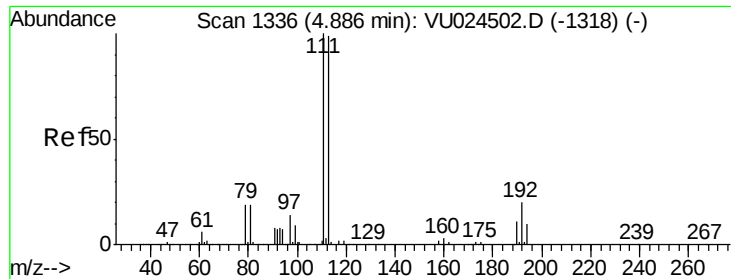
Tot Ion: 65 Resp: 137043
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024573.D
 Acq: 15 Jun 2018 04:50

Tgt Ion: 114 Resp: 315080
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.4
 88 15.8 0.0 31.0

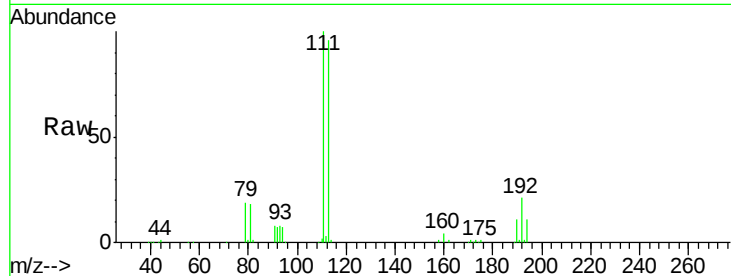




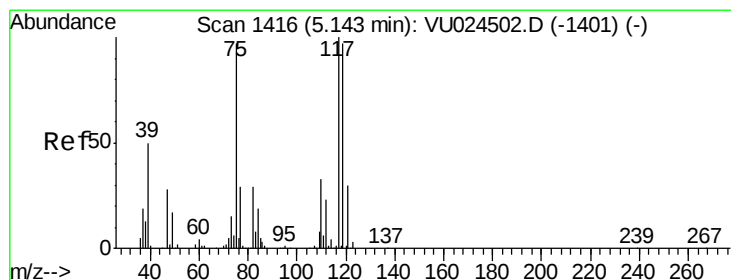
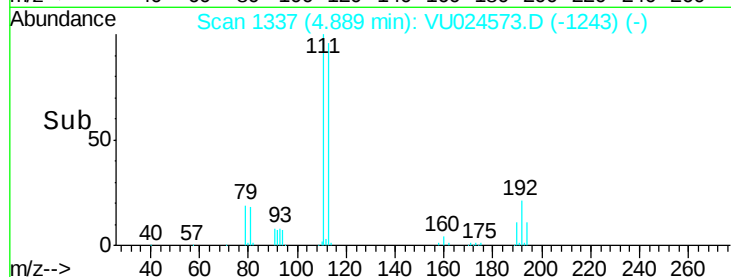
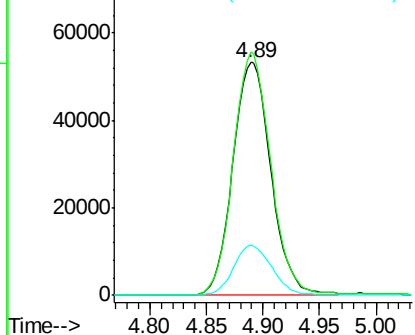
#35
 Dibromofluoromethane
 Concen: 47.824 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024573.D
 Acq: 15 Jun 2018 04:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	21.5	16.2	24.4

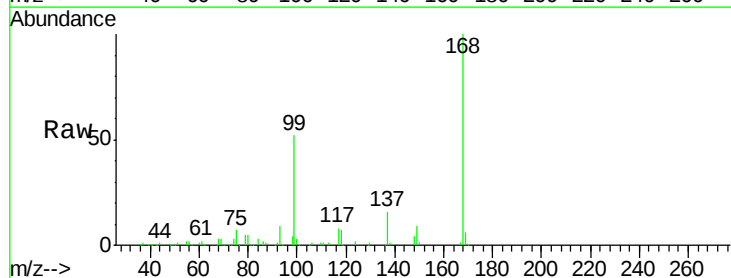


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

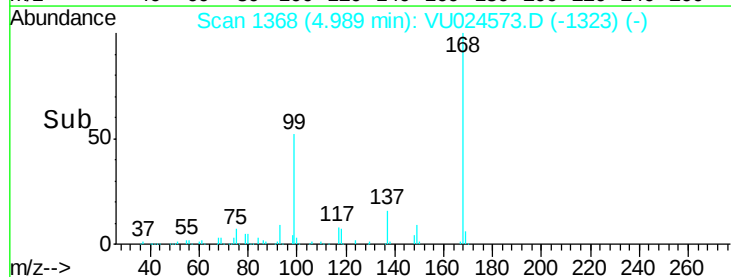
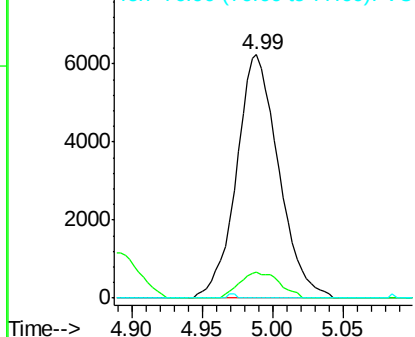


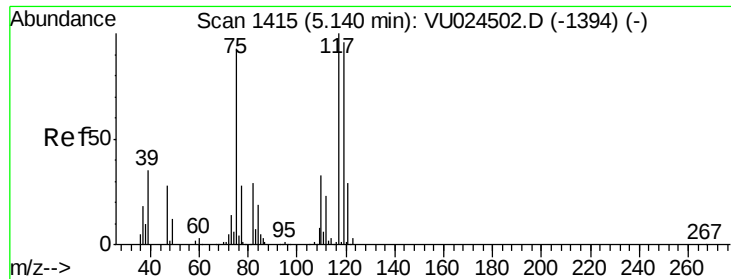
#36
 1,1-Dichloropropene
 Concen: 3.523 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024573.D
 Acq: 15 Jun 2018 04:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.3	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.222 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.15 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Instrument :

MSVOA_U

ClientSampleId :

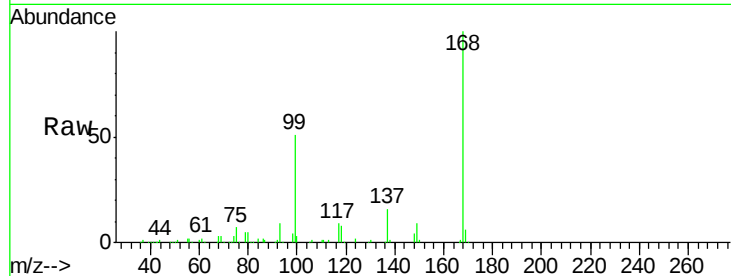
Tot Ion:117 Resp: 17189

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

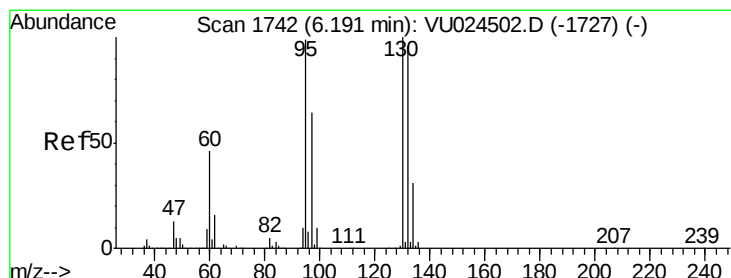
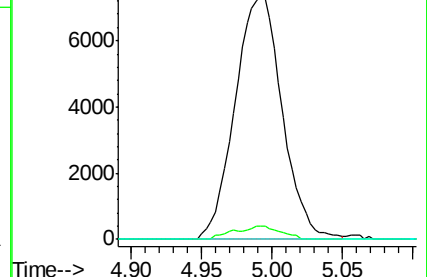
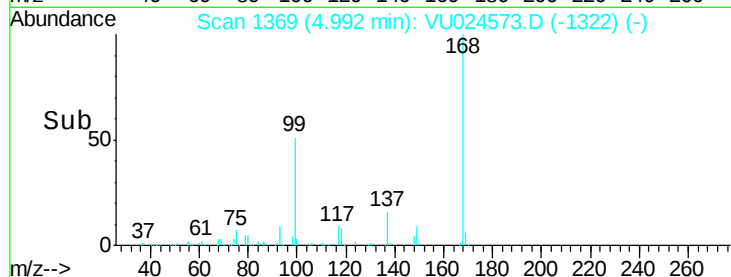
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 0.817 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024573.D

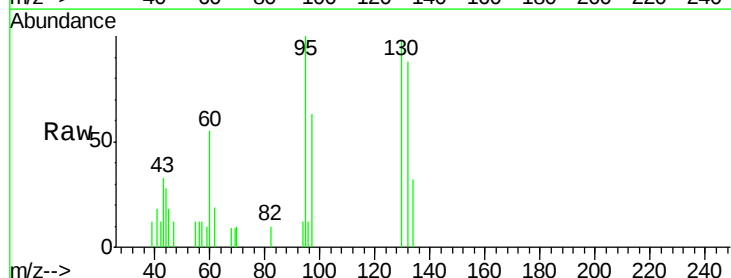
Acq: 15 Jun 2018 04:50

Tgt Ion:130 Resp: 2453

Ion Ratio Lower Upper

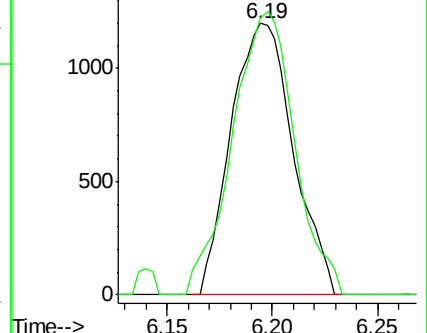
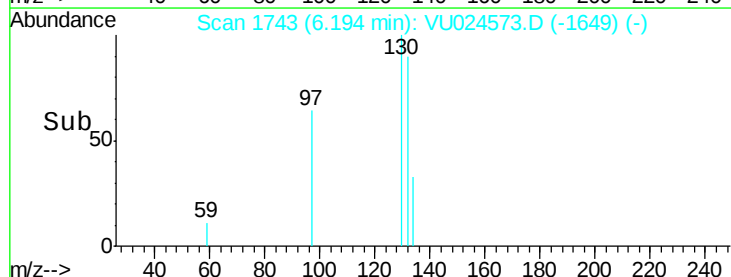
130 100

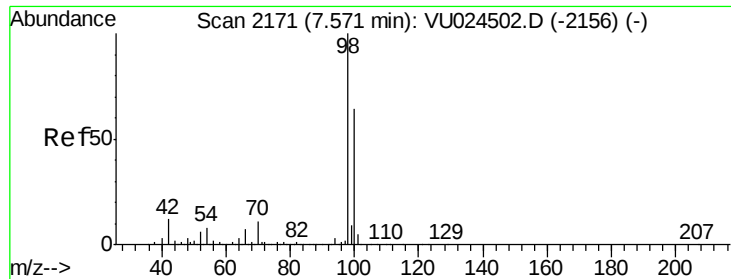
95 102.1 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 48.603 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Instrument :

MSVOA_U

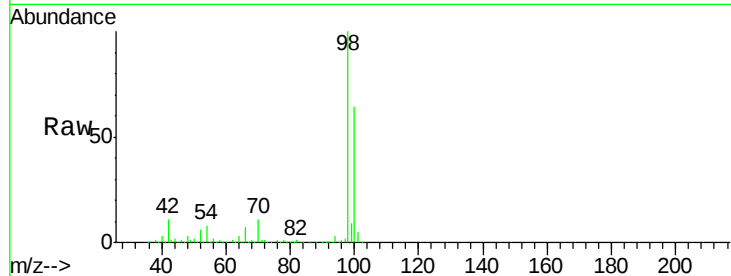
ClientSampleId :

Tot Ion: 98 Resp: 463584

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

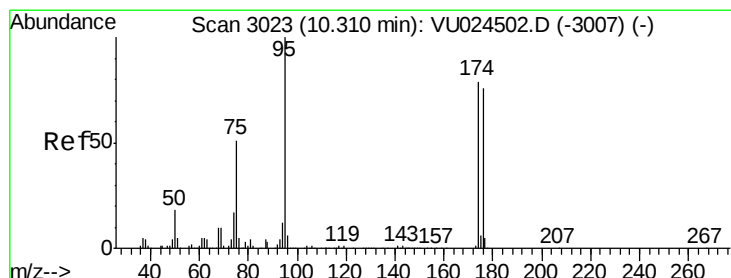
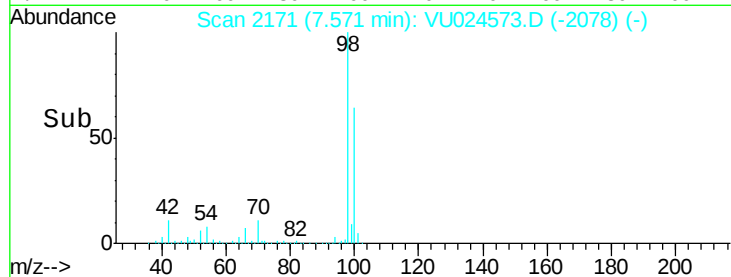
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.362 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

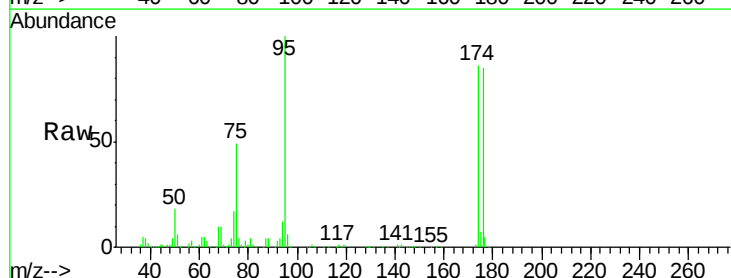
Tgt Ion: 95 Resp: 175576

Ion Ratio Lower Upper

95 100

174 87.9 0.0 165.8

176 85.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

10.31

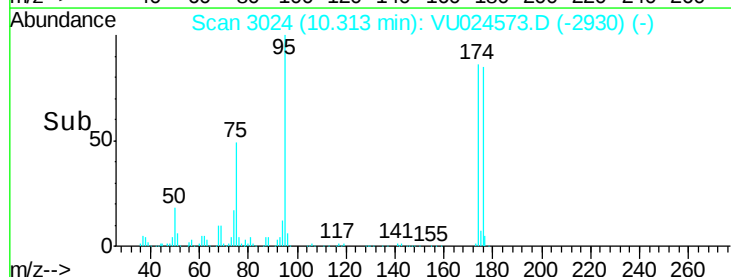
150000

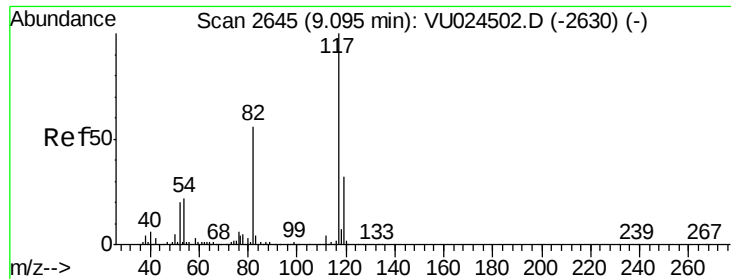
100000

50000

0

Time-->

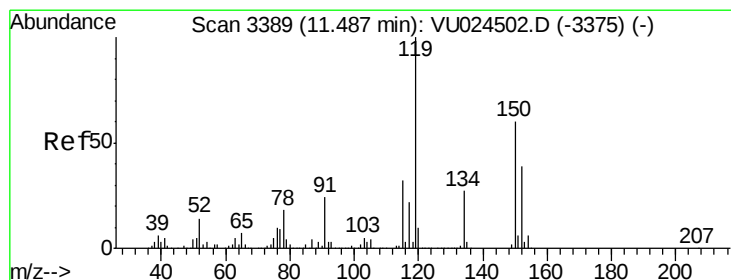
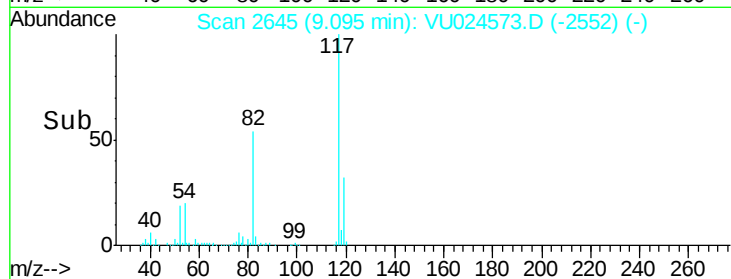
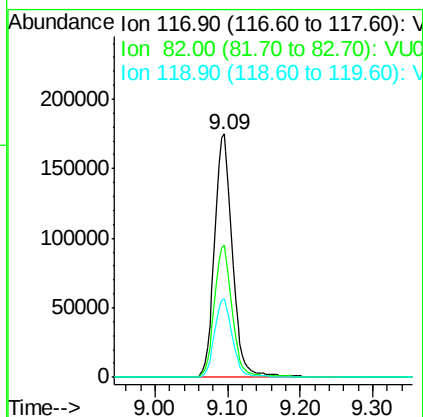
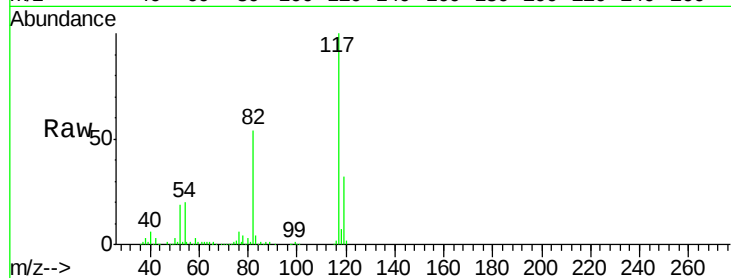




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024573.D
Acq: 15 Jun 2018 04:50

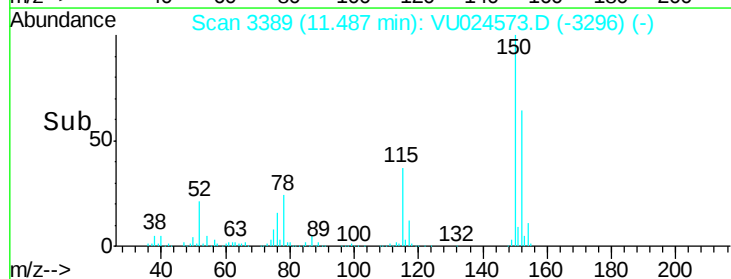
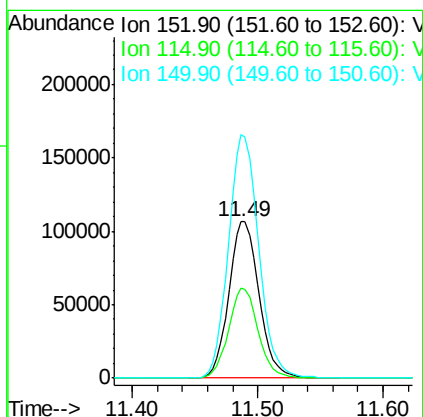
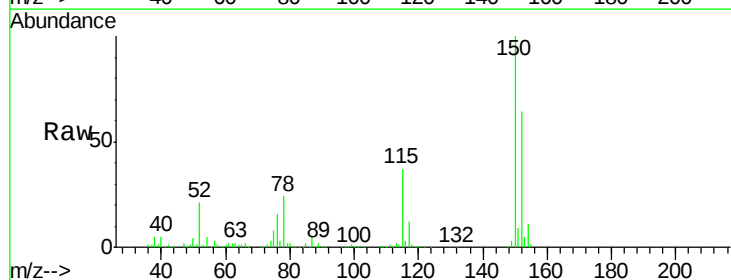
Instrument :
MSVOA_U
ClientSampleId :

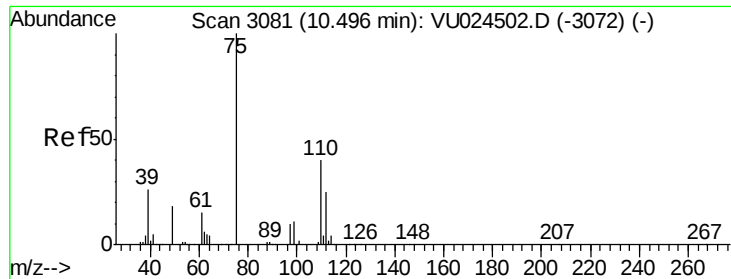
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.3	66.5
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024573.D
Acq: 15 Jun 2018 04:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	43.0	129.0
150	156.1	0.0	354.0





#76

1,2,3-Trichloropropane

Concen: 22.074 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Instrument :

MSVOA_U

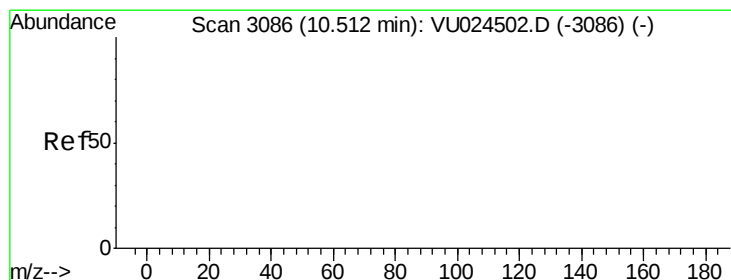
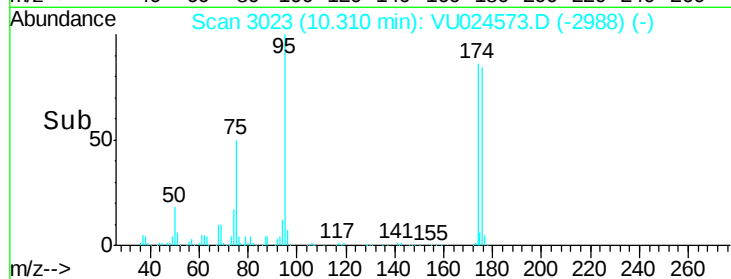
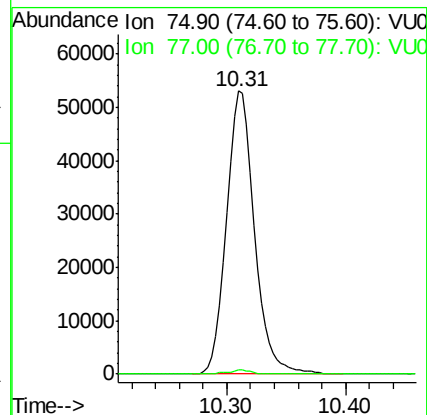
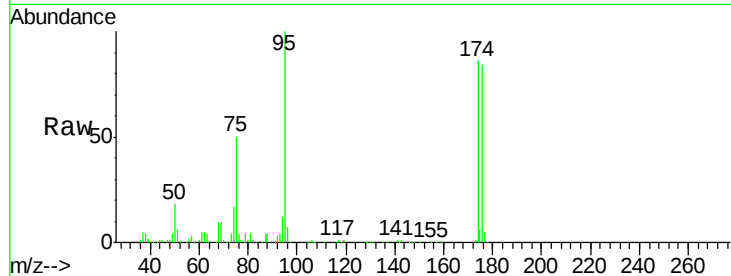
ClientSampled :

Tot Ion: 75 Resp: 86392

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.088 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024573.D

Acq: 15 Jun 2018 04:50

Tgt Ion: 75 Resp: 86392

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

