

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024566.D
 Acq On : 15 Jun 2018 02:08
 Operator : MD/SY
 Sample : J3478-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 05:13:12 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	183747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301146	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.32	65	131662	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
35) Dibromofluoromethane	4.89	113	118725	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	7.57	98	442042	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.31	95	166746	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	

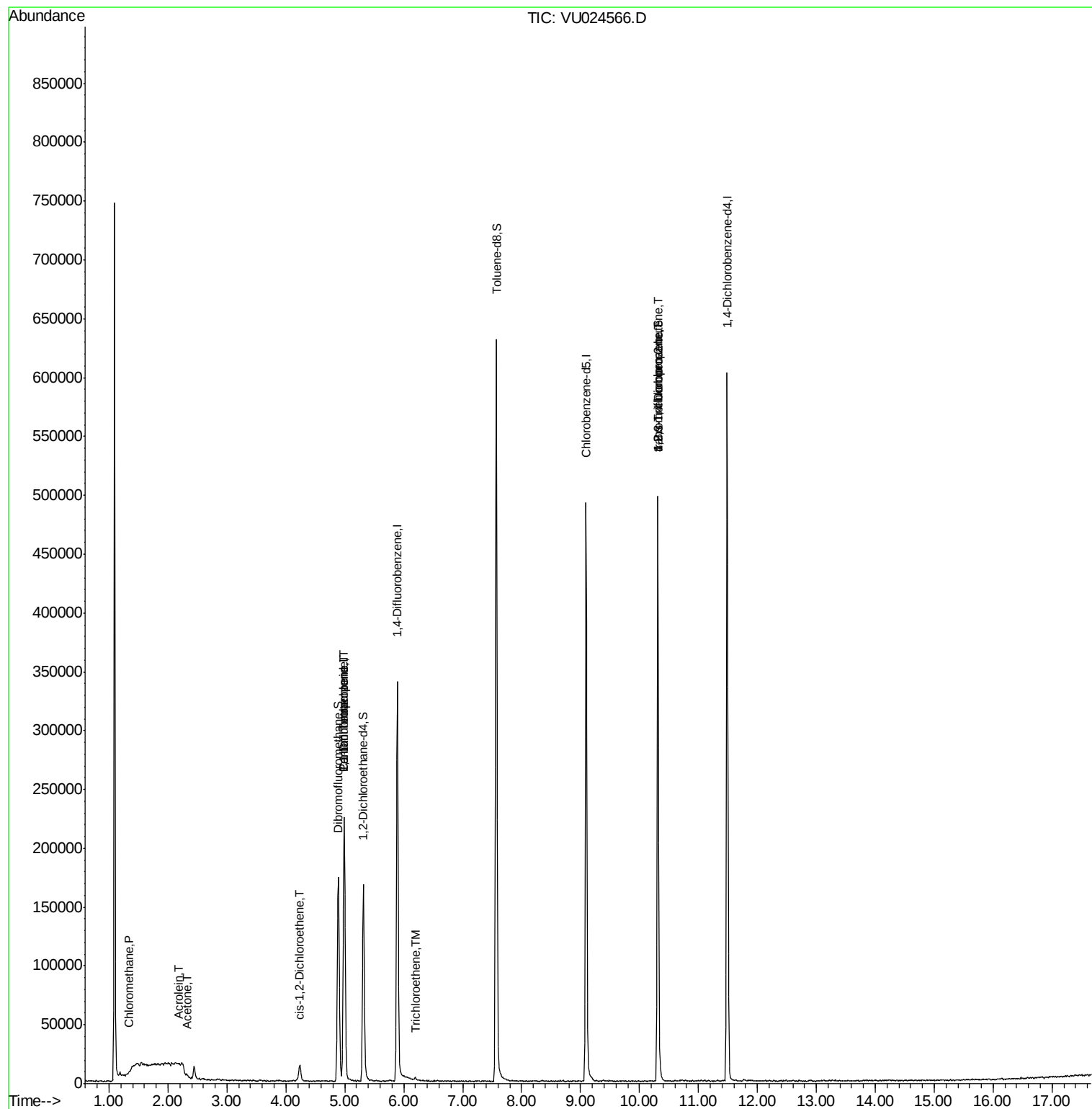
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	591	0.252	ug/l	91
6) Chloroethane	1.67	64	174	Below Cal	#	27
8) Diethyl Ether	2.02	74	72	Below Cal	#	1
13) Acrolein	2.20	56	114	0.298	ug/l #	13
16) Acetone	2.33	43	1653	1.026	ug/l #	75
27) cis-1,2-Dichloroethene	4.24	96	8332	3.145	ug/l	82
31) Cyclohexane	4.99	56	4399	Below Cal	#	13
36) 1,1-Dichloropropene	4.99	75	12492	3.530	ug/l #	51
38) Carbon Tetrachloride	4.99	117	16505	4.241	ug/l #	17
44) Trichloroethene	6.19	130	718	0.250	ug/l	71
76) 1,2,3-Trichloropropane	10.31	75	82594	22.366	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	82594	51.763	ug/l #	100

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

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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: VU024566.D

Acq: 15 Jun 2018 02:08

Instrument :

MSVOA_U

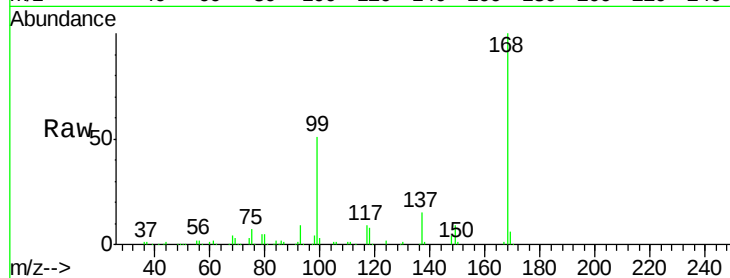
ClientSampleId :

Tot Ion:168 Resp: 183747

Ion Ratio Lower Upper

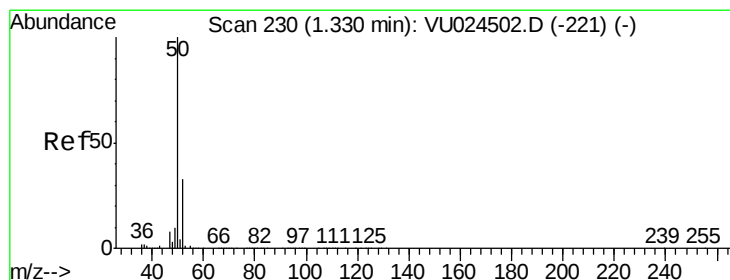
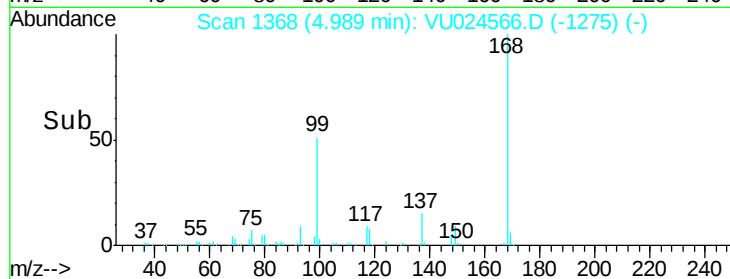
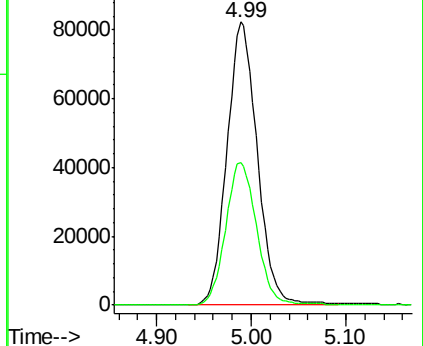
168 100

99 50.6 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#3

Chloromethane

Concen: 0.252 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024566.D

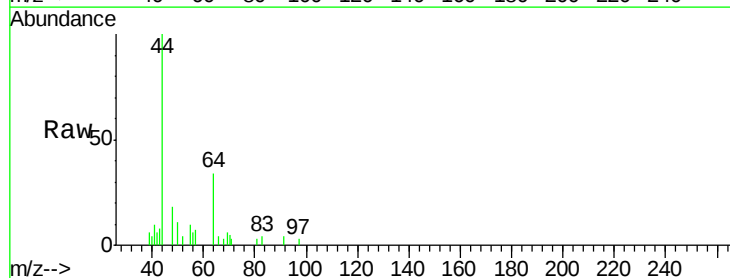
Acq: 15 Jun 2018 02:08

Tgt Ion: 50 Resp: 591

Ion Ratio Lower Upper

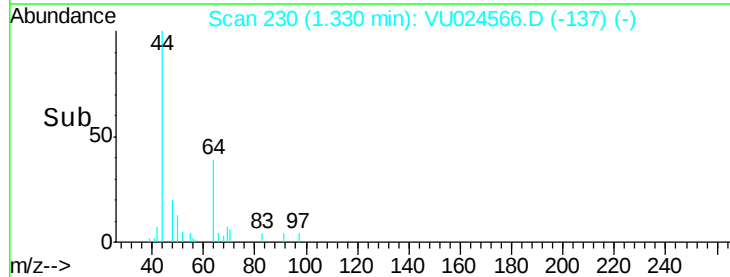
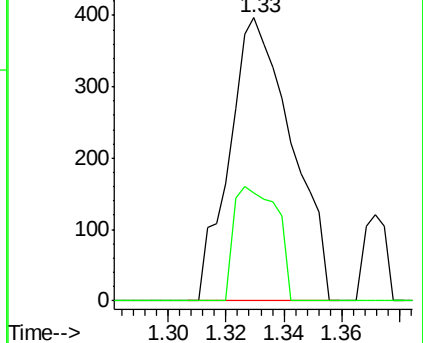
50 100

52 38.3 26.4 39.6



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

Ion 51.90 (51.60 to 52.60): VU024502.D





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 337

Delta R.T. -0.02 min

Lab File: VU024566.D

Acq: 15 Jun 2018 02:08

Instrument :

MSVOA_U

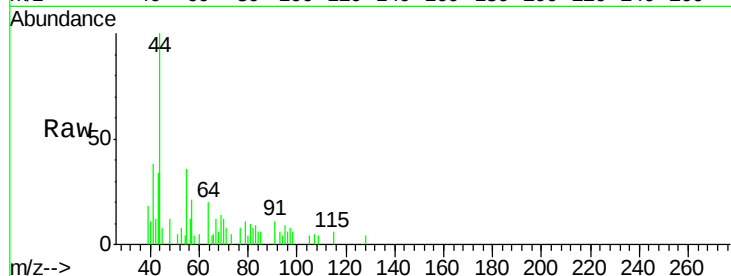
ClientSampleId :

Tot Ion: 64 Resp: 174

Ion Ratio Lower Upper

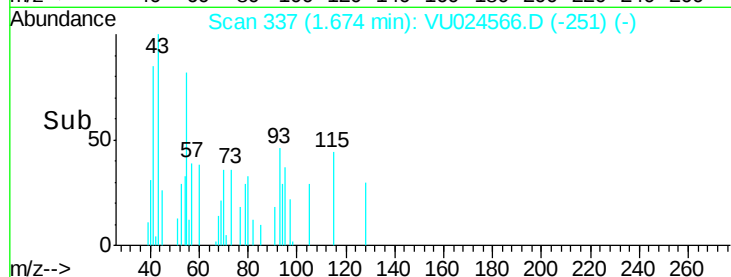
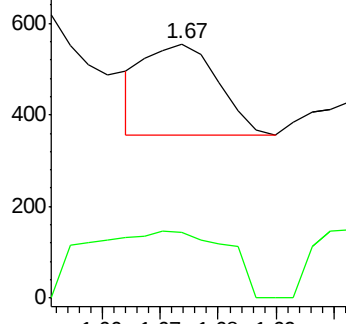
64 100

66 72.4 25.5 38.3#

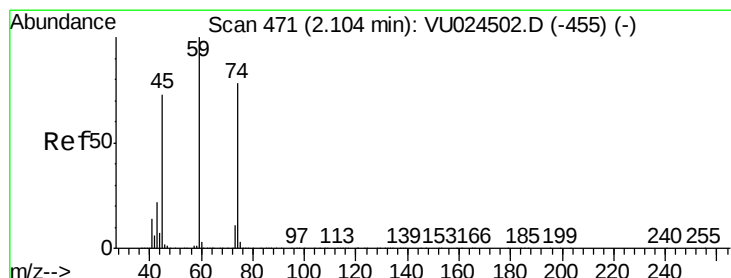


Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.02 min Scan# 446

Delta R.T. -0.08 min

Lab File: VU024566.D

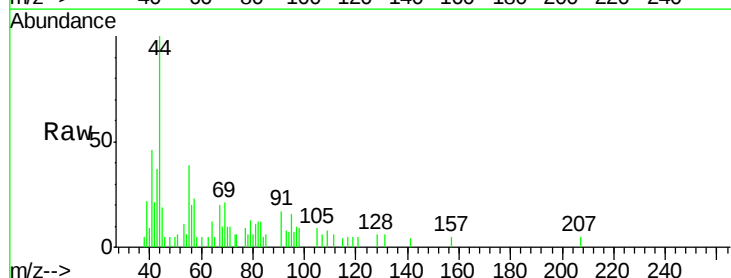
Acq: 15 Jun 2018 02:08

Tgt Ion: 74 Resp: 72

Ion Ratio Lower Upper

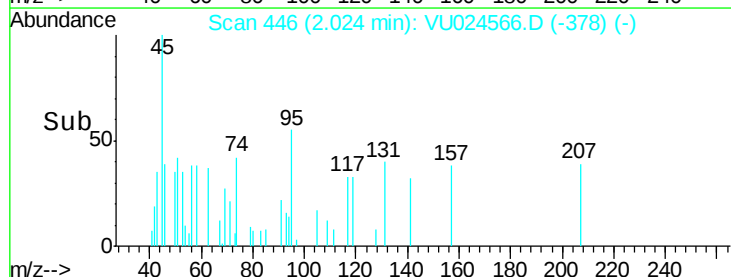
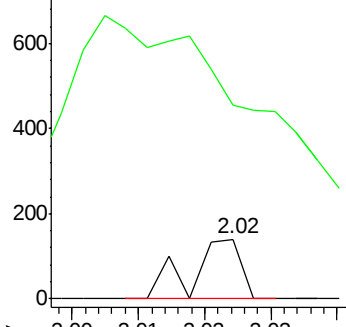
74 100

45 1505.6 55.0 165.0#

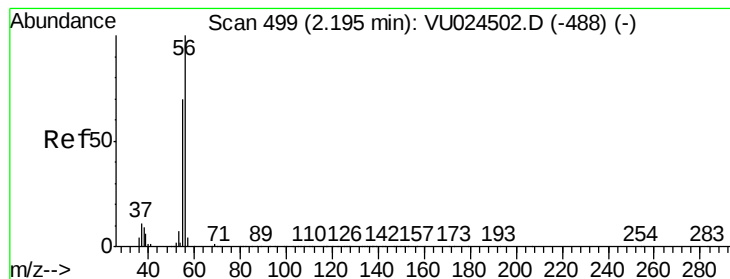


Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->



#13

Acrolein

Concen: 0.298 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024566.D

Acq: 15 Jun 2018 02:08

Instrument :

MSVOA_U

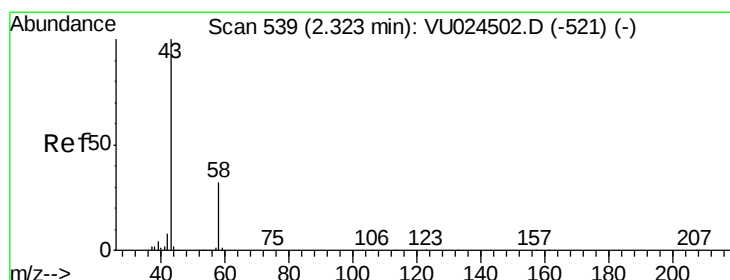
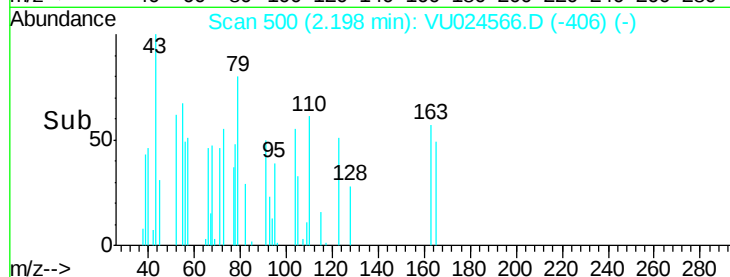
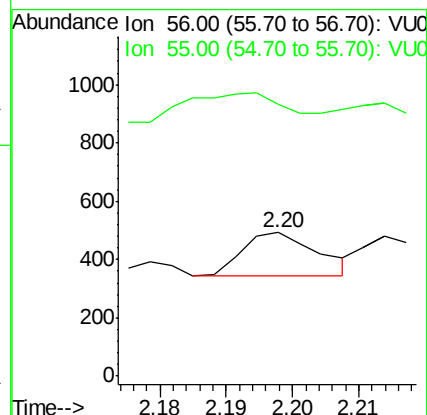
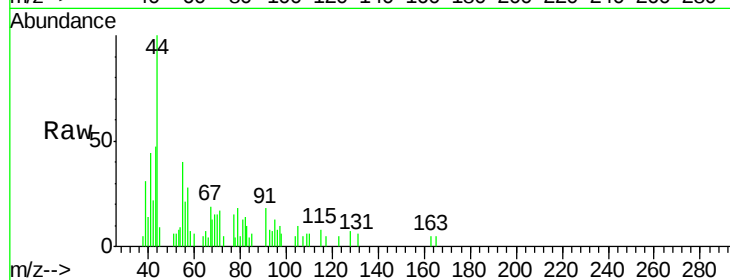
ClientSampleId :

Tot Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 0.0 58.4 87.6#



#16

Acetone

Concen: 1.026 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024566.D

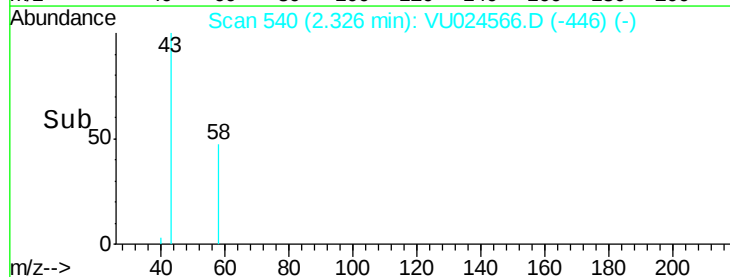
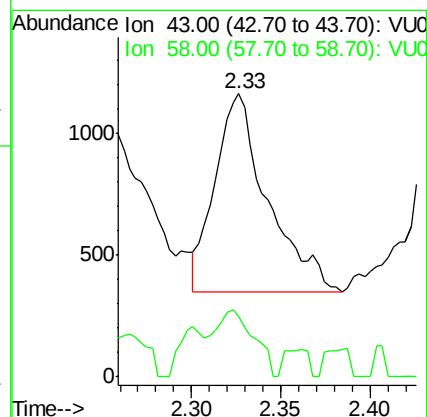
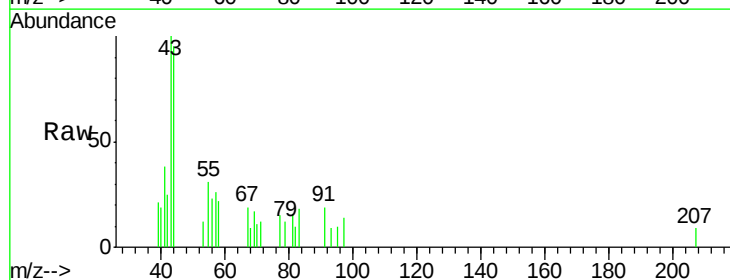
Acq: 15 Jun 2018 02:08

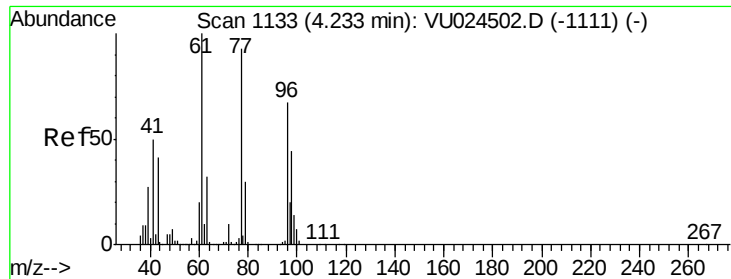
Tgt Ion: 43 Resp: 1653

Ion Ratio Lower Upper

43 100

58 16.9 24.4 36.6#

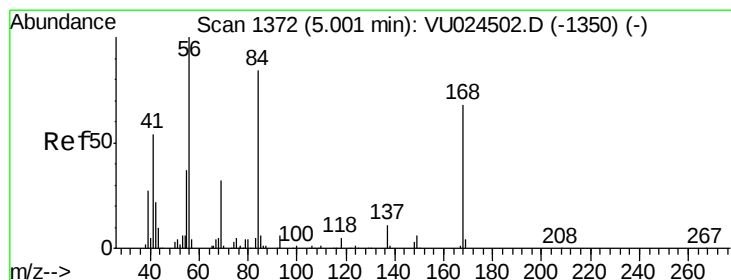
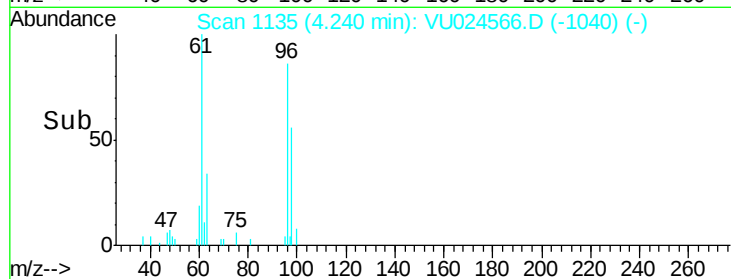
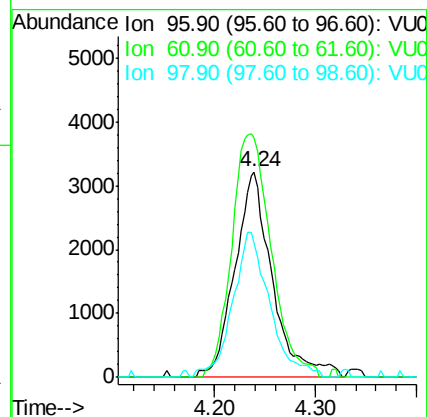
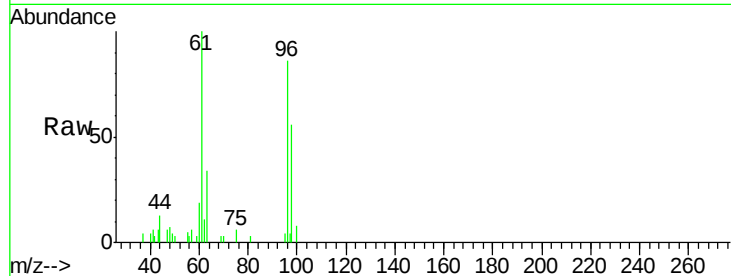




#27
 cis-1,2-Dichloroethene
 Concen: 3.145 ug/l
 RT: 4.24 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: VU024566.D
 Acq: 15 Jun 2018 02:08

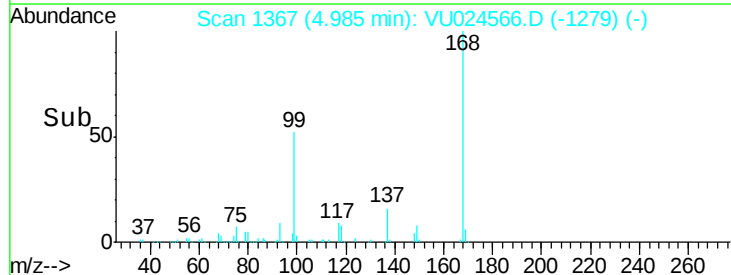
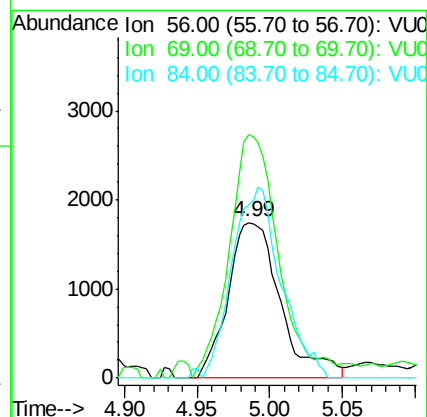
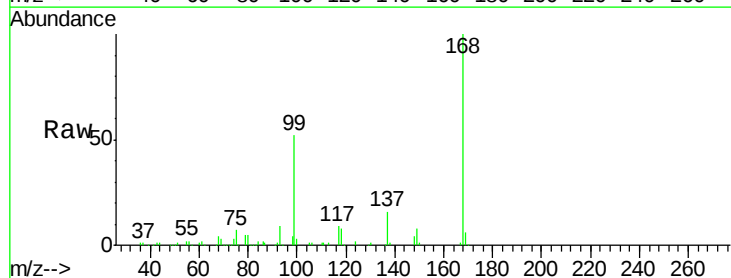
Instrument :
 MSVOA_U
 ClientSampleId :

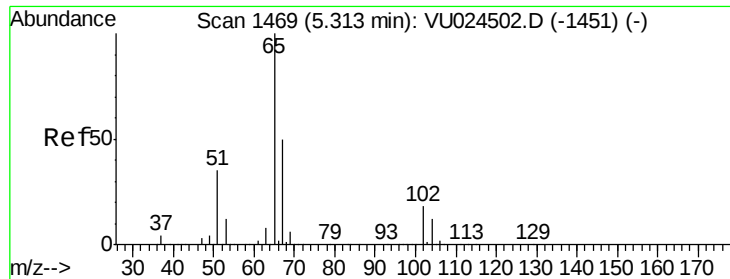
Tot Ion: 96 Resp: 8332
 Ion Ratio Lower Upper
 96 100
 61 124.7 0.0 306.6
 98 69.5 0.0 128.8



#31
 Cyclohexane
 Concen: Below Cal
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: VU024566.D
 Acq: 15 Jun 2018 02:08

Tgt Ion: 56 Resp: 4399
 Ion Ratio Lower Upper
 56 100
 69 156.7 24.8 37.2#
 84 111.3 65.2 97.8#

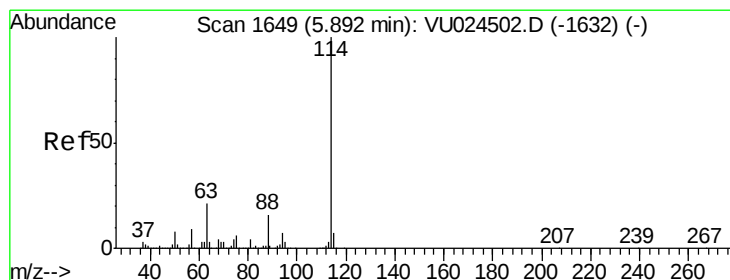
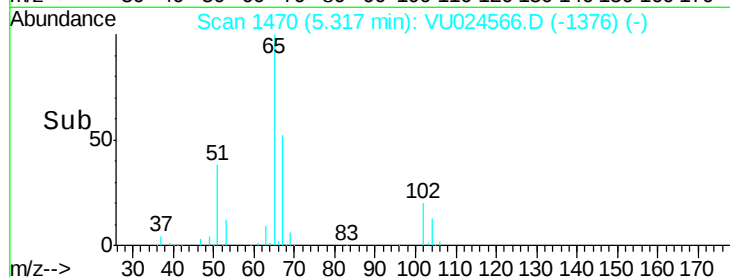
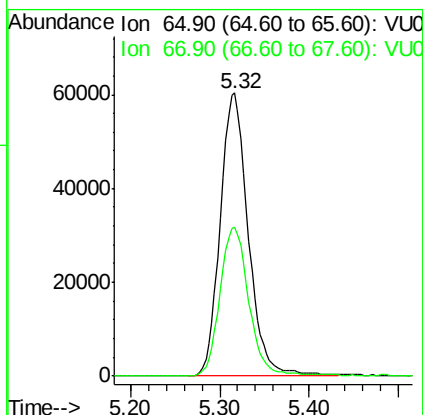
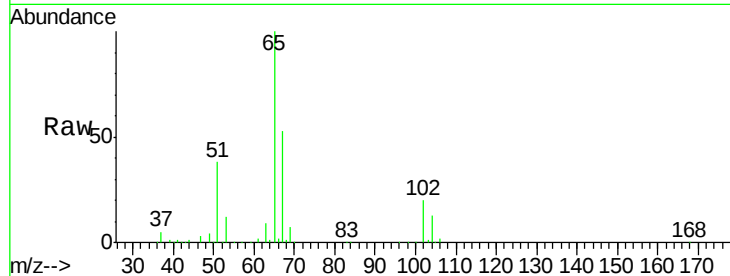




#33
 1,2-Dichloroethane-d4
 Concen: 43.892 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024566.D
 Acq: 15 Jun 2018 02:08

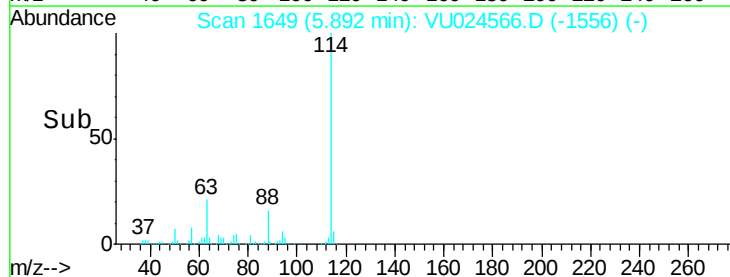
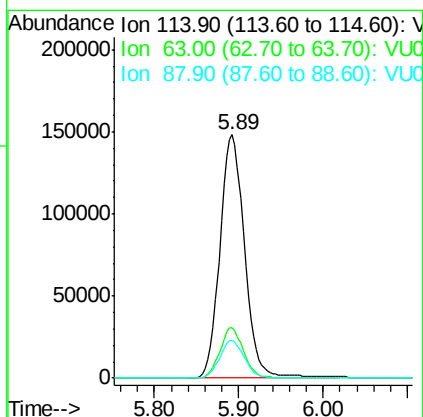
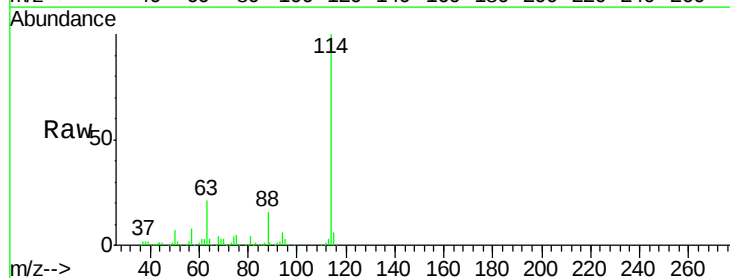
Instrument :
 MSVOA_U
 ClientSampleId :

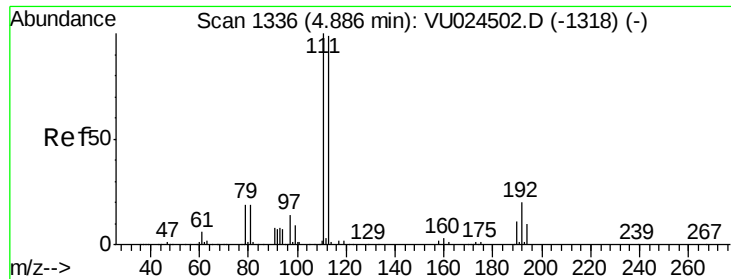
Tot Ion: 65 Resp: 131662
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024566.D
 Acq: 15 Jun 2018 02:08

Tgt Ion: 114 Resp: 301146
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 15.6 0.0 31.0

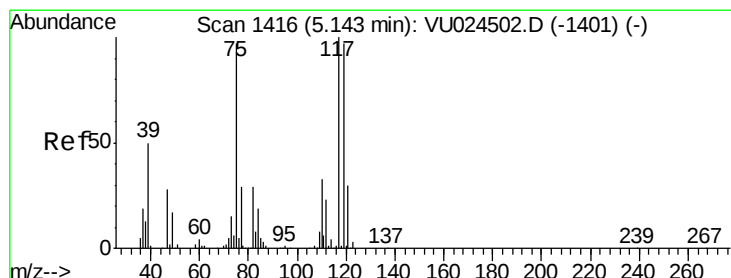
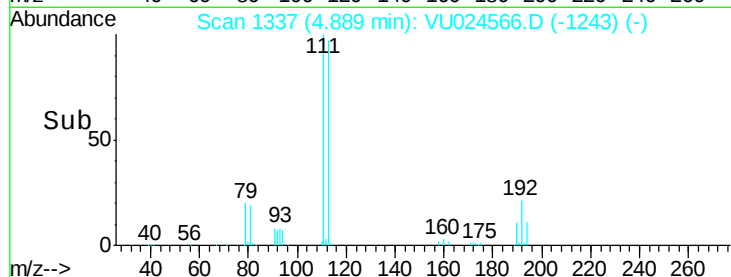
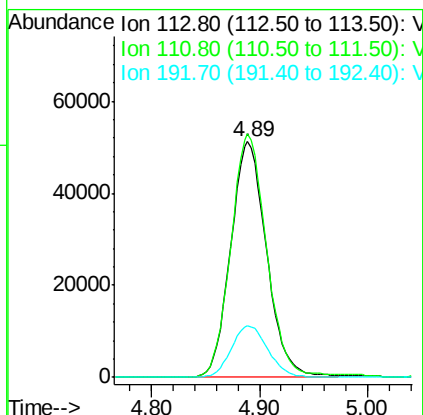
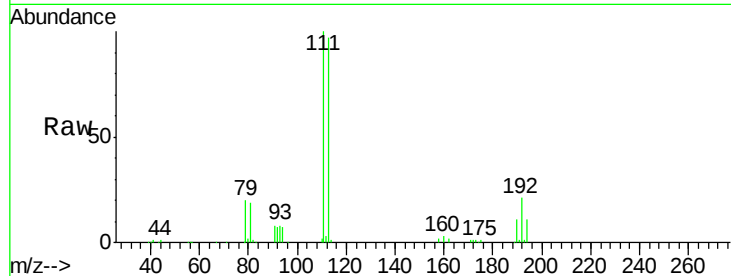




#35
 Dibromofluoromethane
 Concen: 47.504 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024566.D
 Acq: 15 Jun 2018 02:08

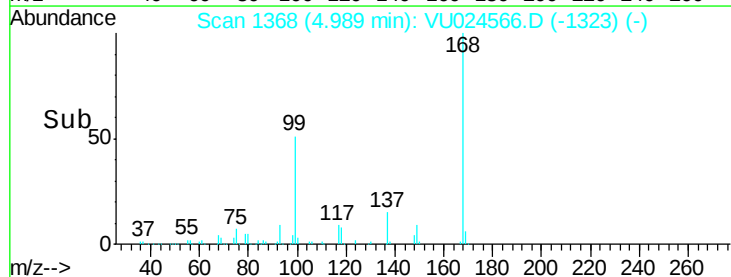
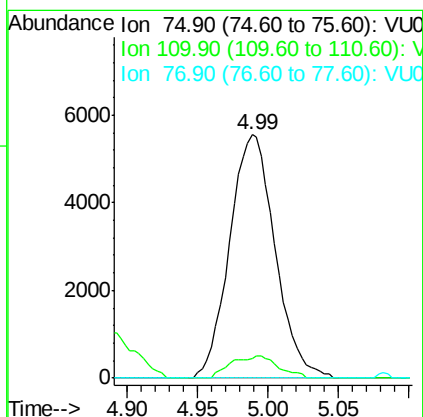
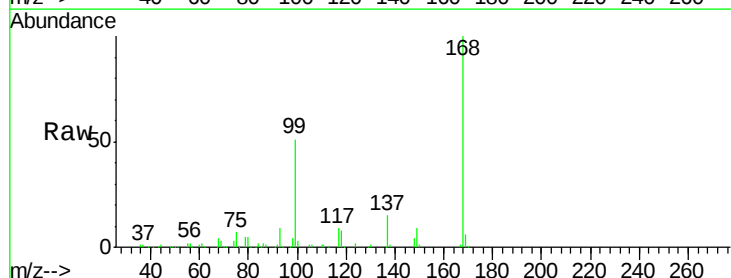
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 MSVOA_U
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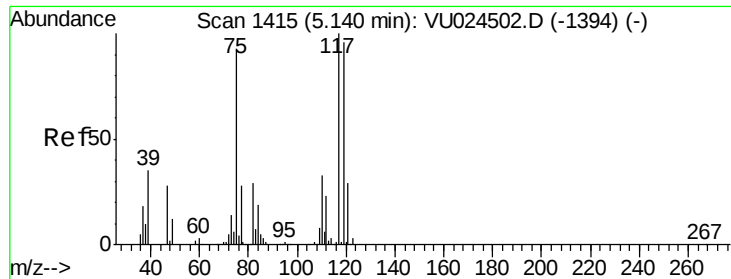
Tot Ion:113 Resp: 118725
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 22.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 3.530 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024566.D
 Acq: 15 Jun 2018 02:08

Tgt Ion: 75 Resp: 12492
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 4.241 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.15 min

Lab File: VU024566.D

Acq: 15 Jun 2018 02:08

Instrument :

MSVOA_U

ClientSampleId :

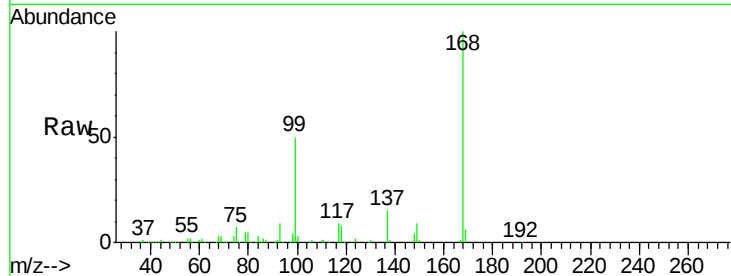
Tot Ion:117 Resp: 16505

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

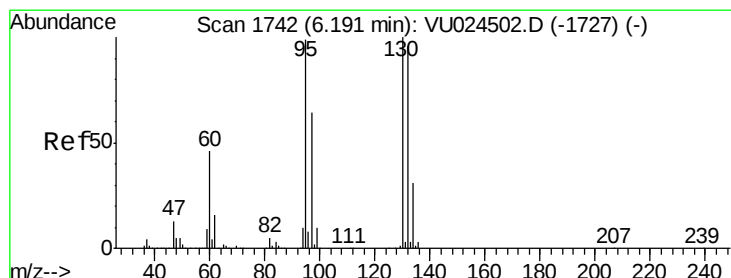
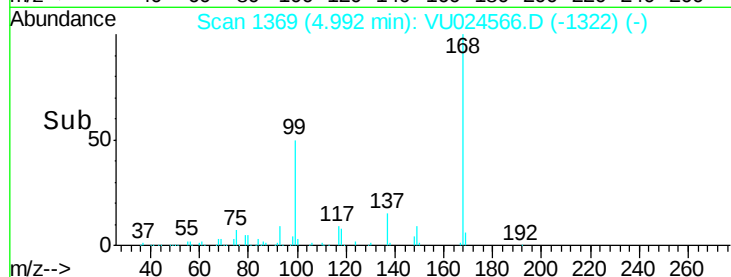
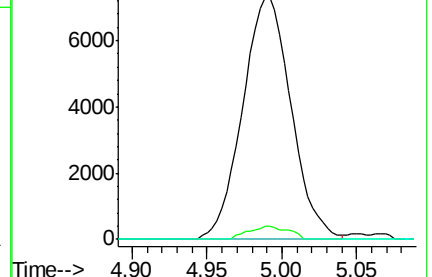
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 0.250 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024566.D

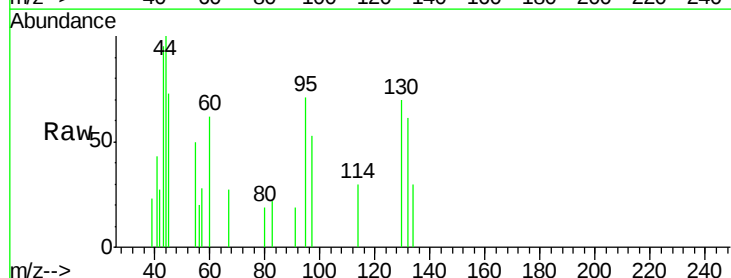
Acq: 15 Jun 2018 02:08

Tgt Ion:130 Resp: 718

Ion Ratio Lower Upper

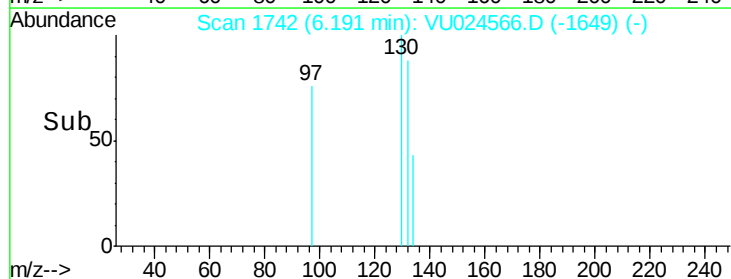
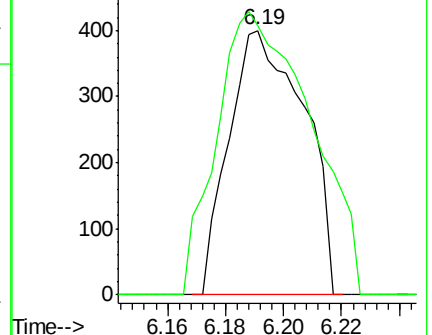
130 100

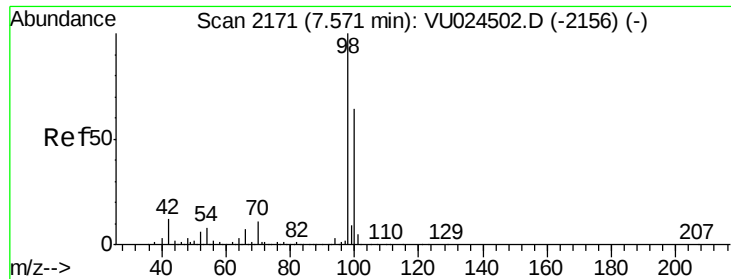
95 72.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

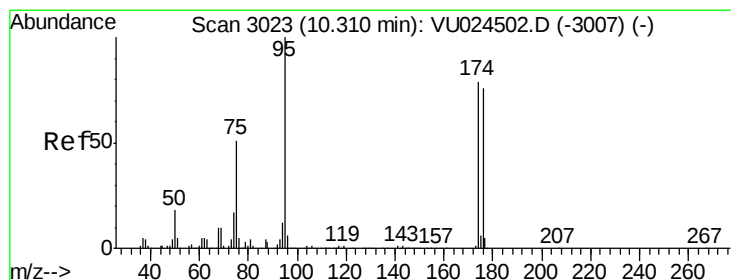
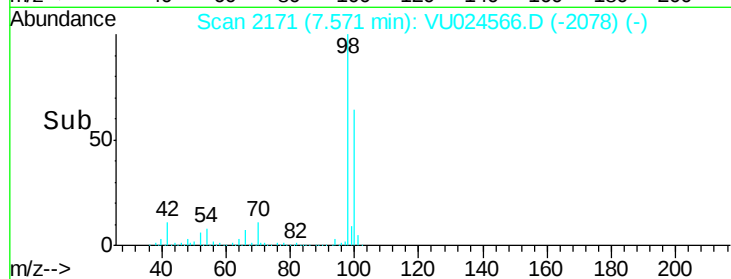
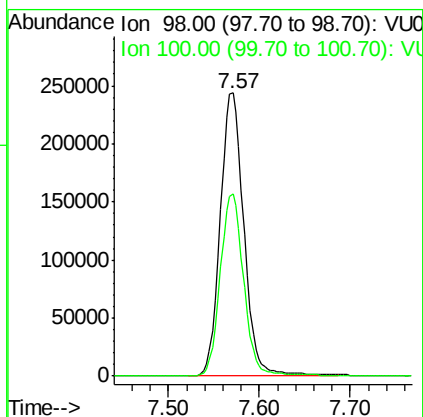
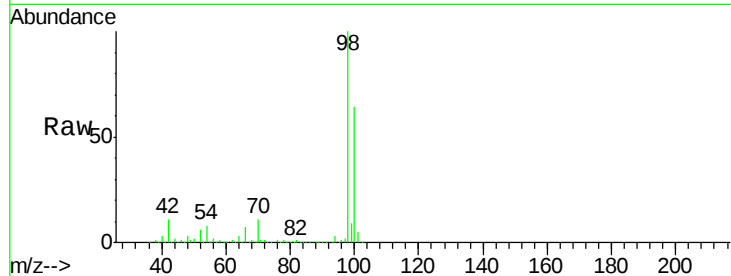




#50
Toluene-d8
Concen: 48.489 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024566.D
Acq: 15 Jun 2018 02:08

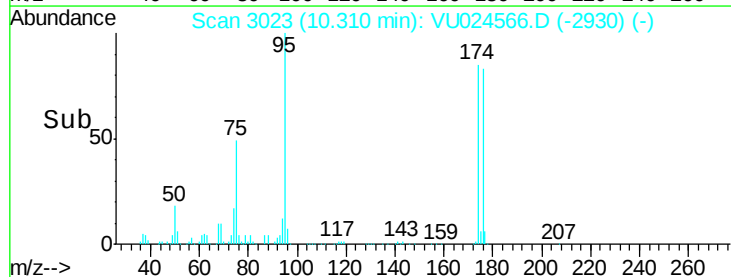
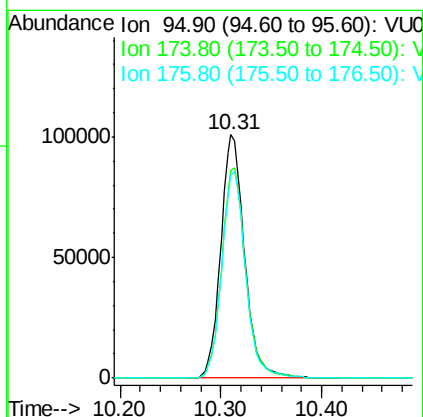
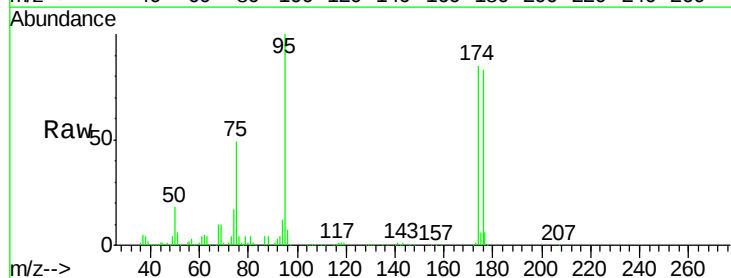
Instrument :
MSVOA_U
ClientSampleId :

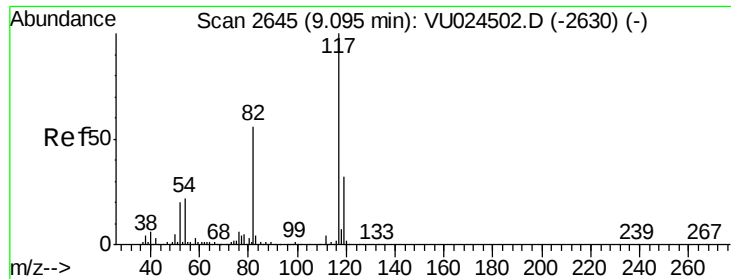
Tot Ion: 98 Resp: 442042
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.068 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024566.D
Acq: 15 Jun 2018 02:08

Tgt Ion: 95 Resp: 166746
Ion Ratio Lower Upper
95 100
174 87.0 0.0 165.8
176 85.5 0.0 159.4

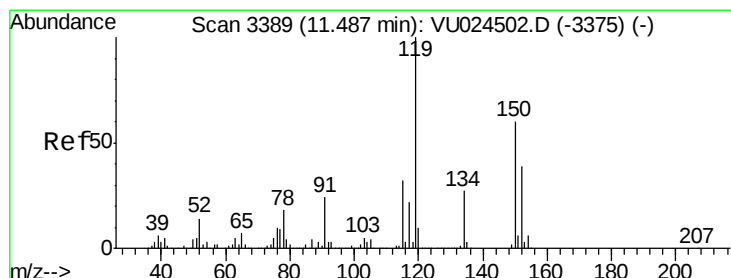
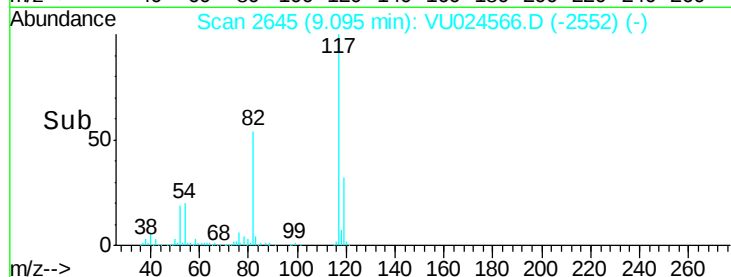
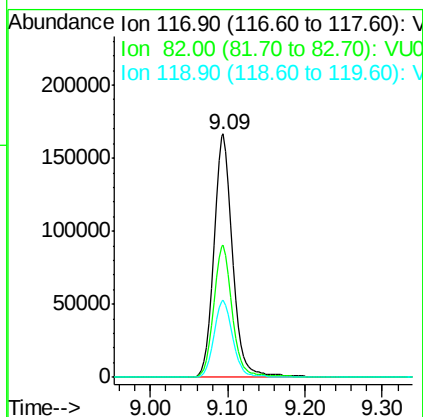
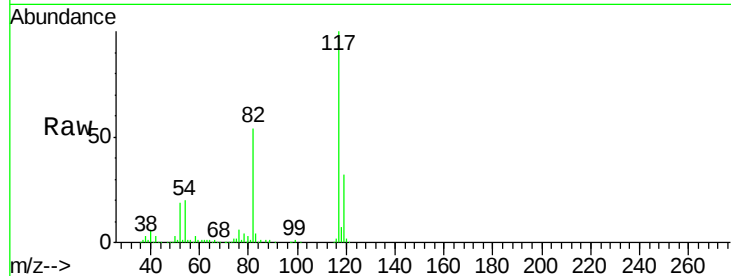




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024566.D
Acq: 15 Jun 2018 02:08

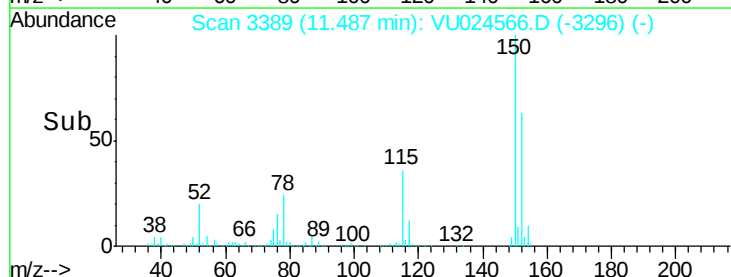
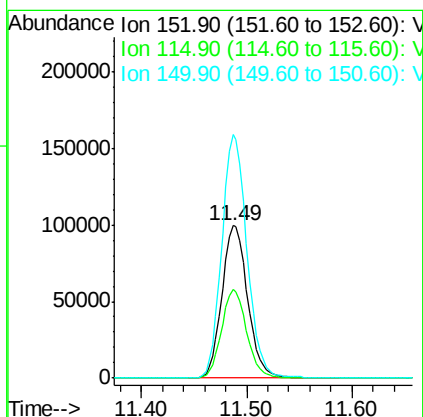
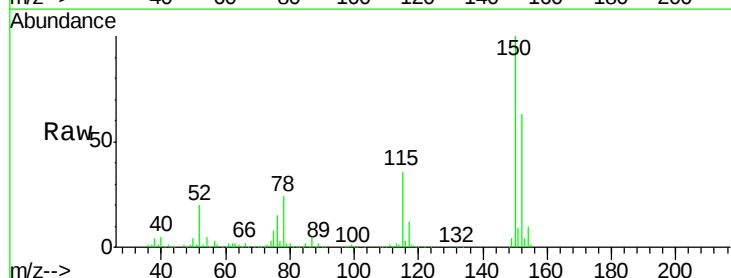
Instrument :
MSVOA_U
ClientSampleId :

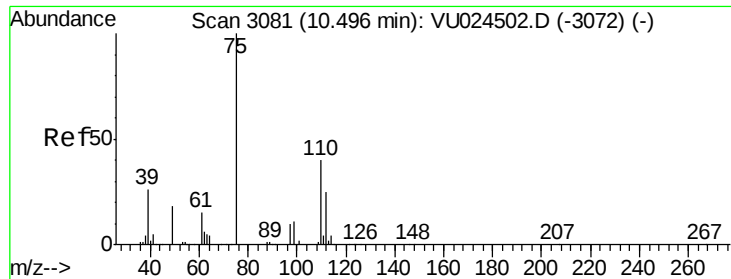
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.3	66.5
119	31.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024566.D
Acq: 15 Jun 2018 02:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	43.0	129.0
150	156.4	0.0	354.0





#76

1,2,3-Trichloropropane

Concen: 22.366 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024566.D

Acq: 15 Jun 2018 02:08

Instrument :

MSVOA_U

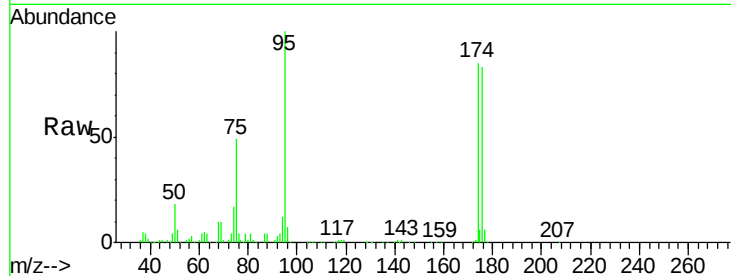
ClientSampled :

Tot Ion: 75 Resp: 82594

Ion Ratio Lower Upper

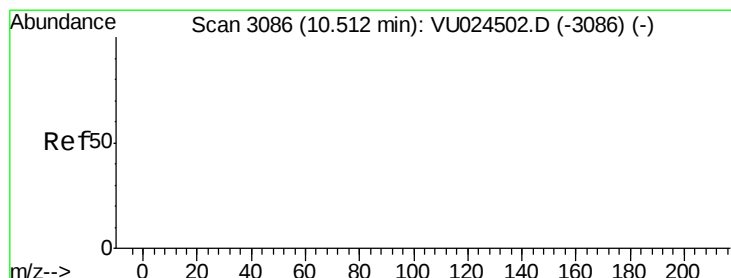
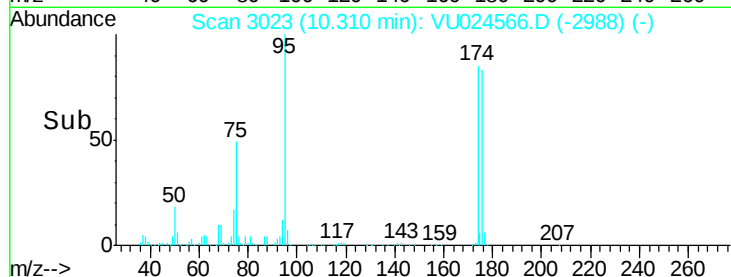
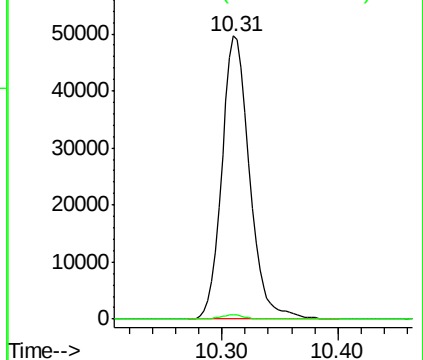
75 100

77 1.3 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: 51.763 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024566.D

Acq: 15 Jun 2018 02:08

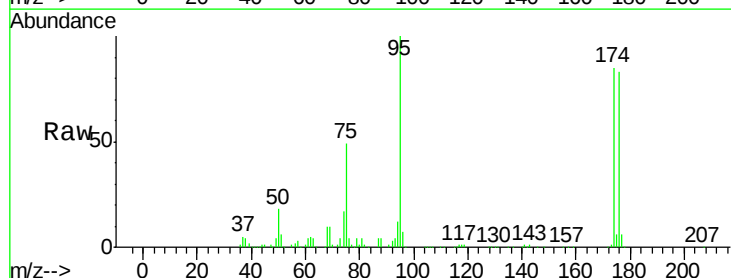
Tgt Ion: 75 Resp: 82594

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

