

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024570.D
 Acq On : 15 Jun 2018 03:40
 Operator : MD/SY
 Sample : J3478-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 05:14:01 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

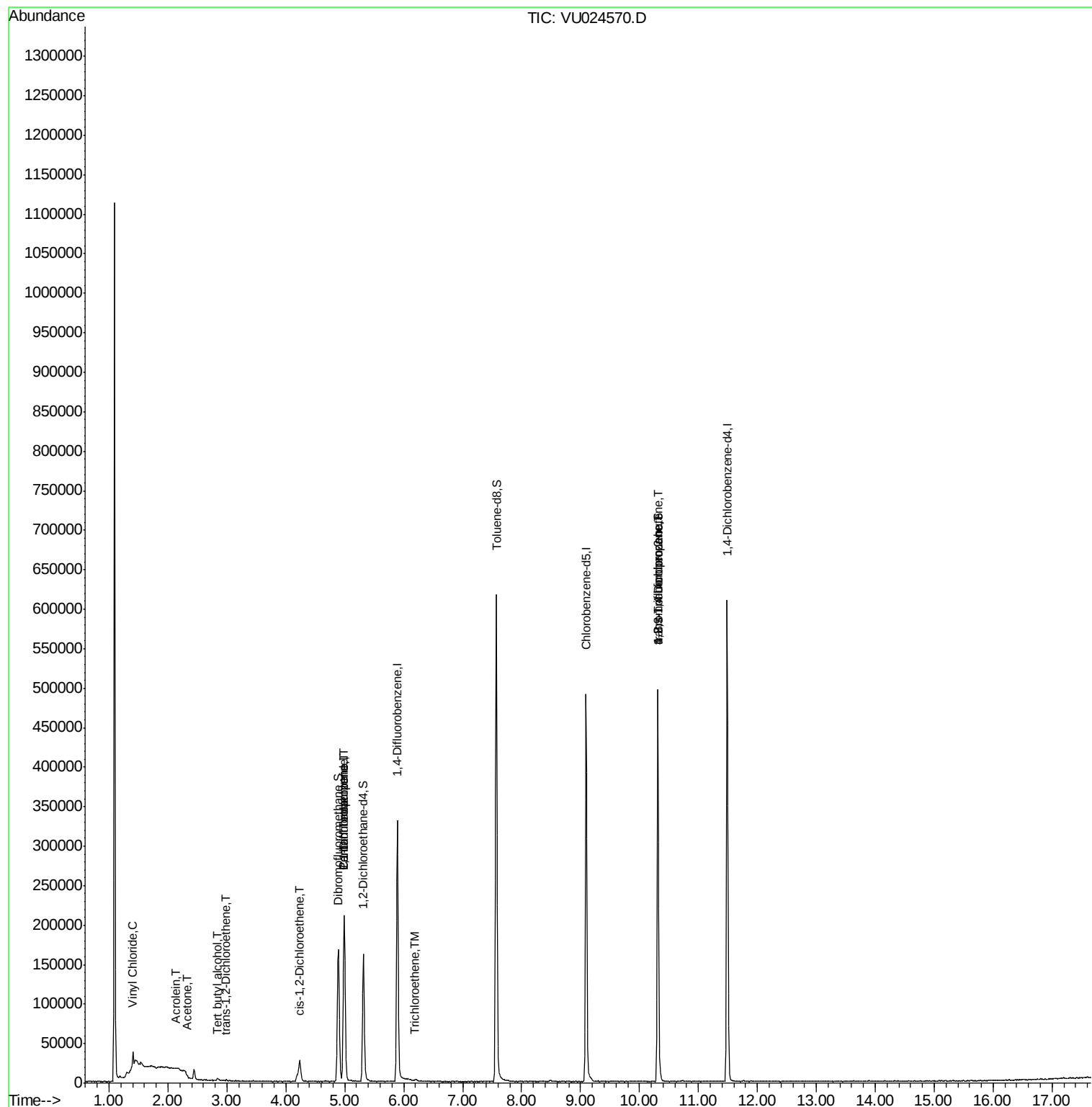
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	290299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	126000	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
35) Dibromofluoromethane	4.89	113	115109	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	7.57	98	433618	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.31	95	165772	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	10735	4.650	ug/l #	73
6) Chloroethane	1.95	64	293	Below Cal	#	43
8) Diethyl Ether	2.09	74	70	Below Cal	#	18
11) Tert butyl alcohol	2.84	59	1824	2.624	ug/l	98
13) Acrolein	2.13	56	100	0.274	ug/l #	29
16) Acetone	2.32	43	2640	1.719	ug/l	91
21) trans-1,2-Dichloroethene	2.99	96	442	0.201	ug/l #	81
27) cis-1,2-Dichloroethene	4.23	96	15310	6.066	ug/l	81
31) Cyclohexane	4.99	56	3239	Below Cal	#	3
36) 1,1-Dichloropropene	4.99	75	11499	3.371	ug/l #	51
38) Carbon Tetrachloride	4.99	117	15472	4.125	ug/l #	16
44) Trichloroethene	6.20	130	862	0.312	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	82765	22.190	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	82765	51.357	ug/l #	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024570.D
Acq On : 15 Jun 2018 03:40
Operator : MD/SY
Sample : J3478-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 05:14:01 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: VU024570.D

Acq: 15 Jun 2018 03:40

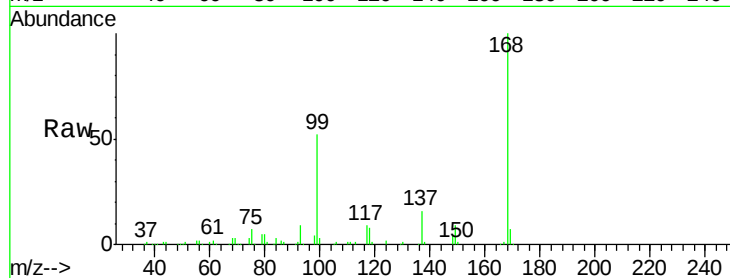
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 175064

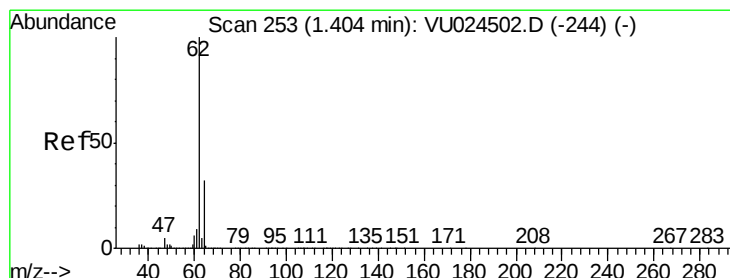
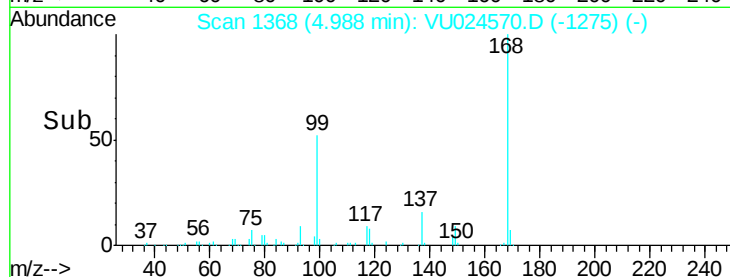
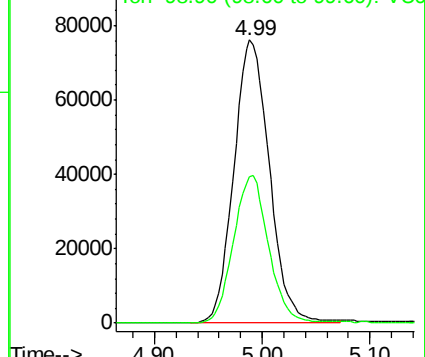
Ion Ratio Lower Upper

168 100

99 52.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024570.D (-1351) (-)



#4

Vinyl Chloride

Concen: 4.650 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024570.D

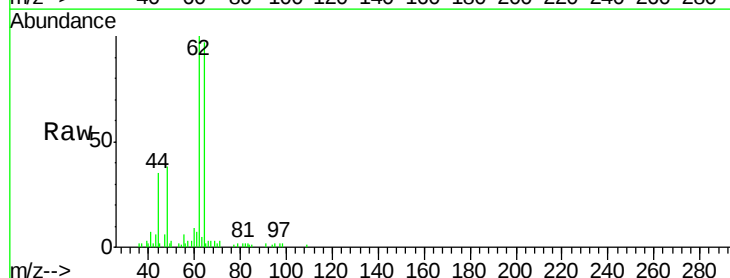
Acq: 15 Jun 2018 03:40

Tgt Ion: 62 Resp: 10735

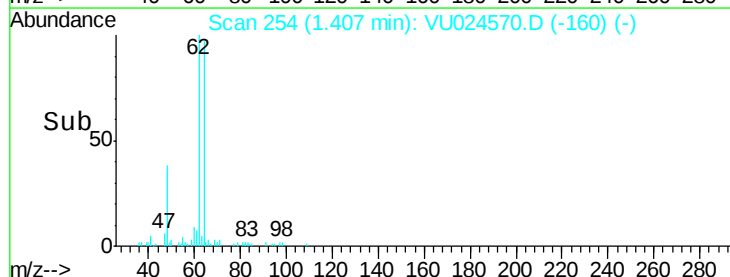
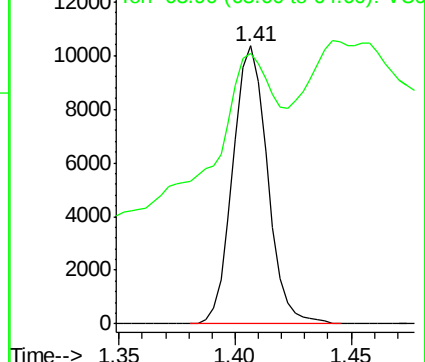
Ion Ratio Lower Upper

62 100

64 45.8 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024570.D (-244) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.95 min Scan# 424

Delta R.T. 0.26 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

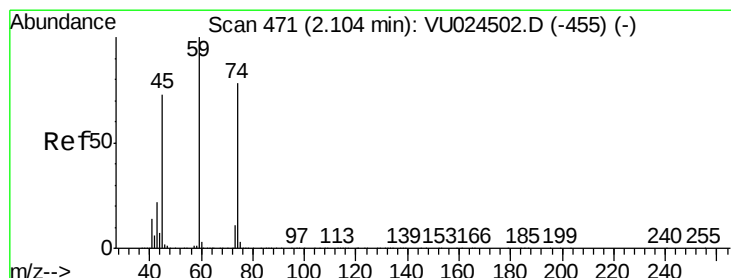
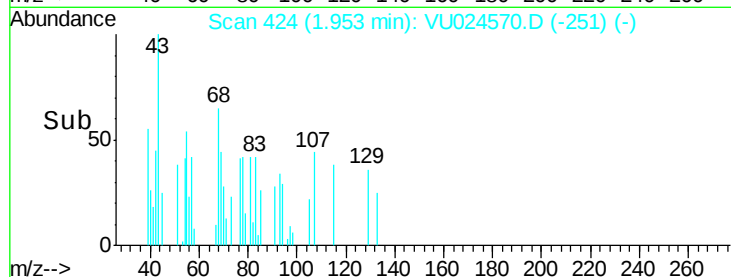
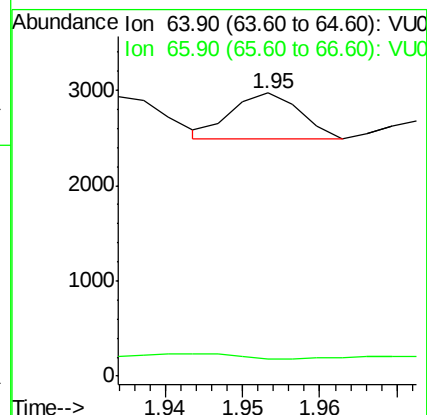
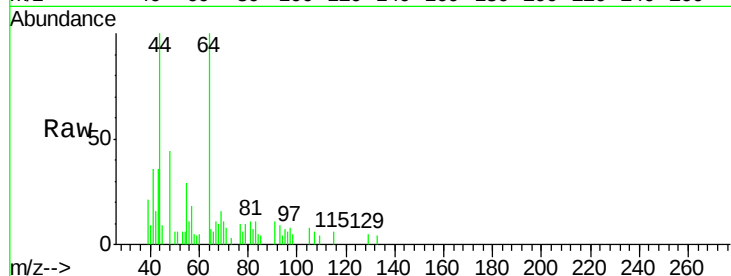
ClientSampleId :

Tot Ion: 64 Resp: 293

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.09 min Scan# 468

Delta R.T. -0.01 min

Lab File: VU024570.D

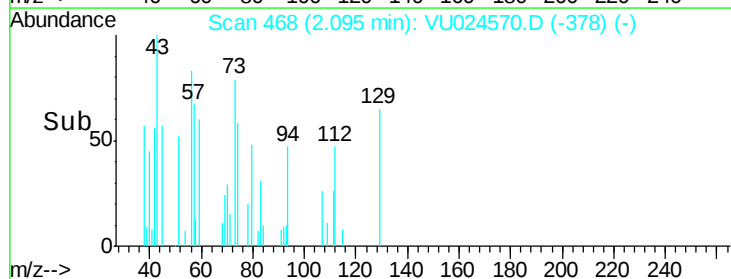
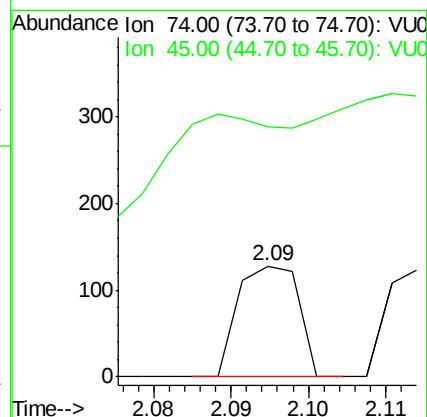
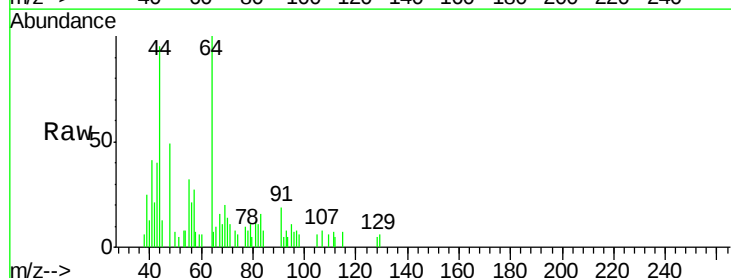
Acq: 15 Jun 2018 03:40

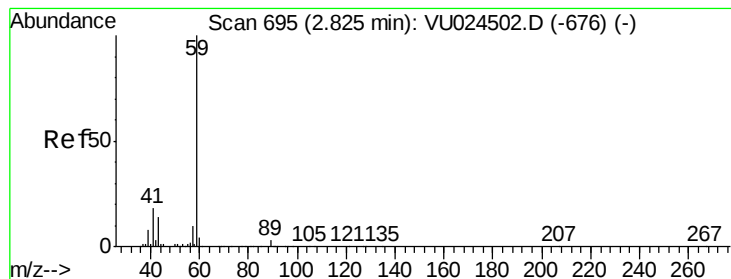
Tgt Ion: 74 Resp: 70

Ion Ratio Lower Upper

74 100

45 197.1 55.0 165.0#



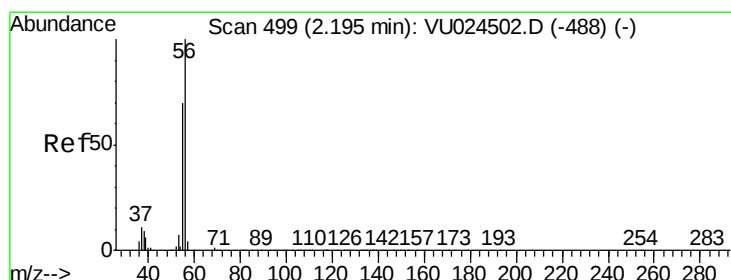
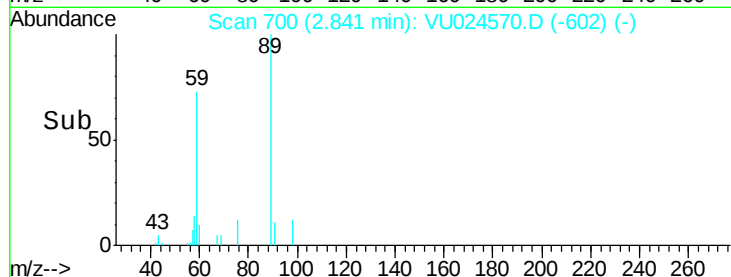
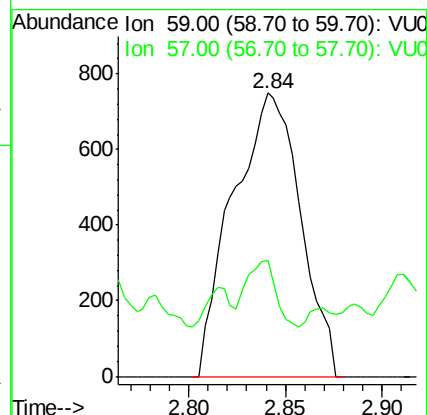
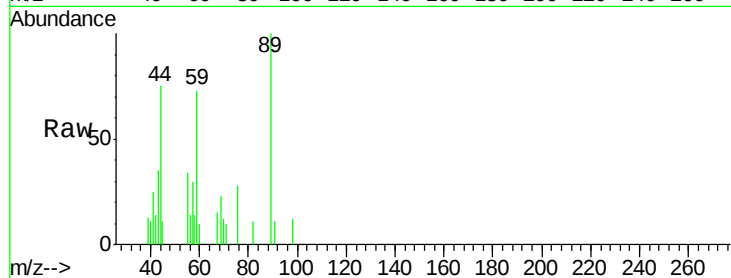


#11

Tert butyl alcohol
 Concen: 2.624 ug/l
 RT: 2.84 min Scan# 700
 Delta R.T. 0.02 min
 Lab File: VU024570.D
 Acq: 15 Jun 2018 03:40

Instrument :
 MSVOA_U
 ClientSampleId :

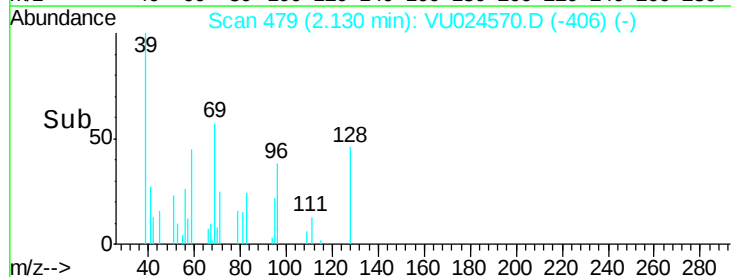
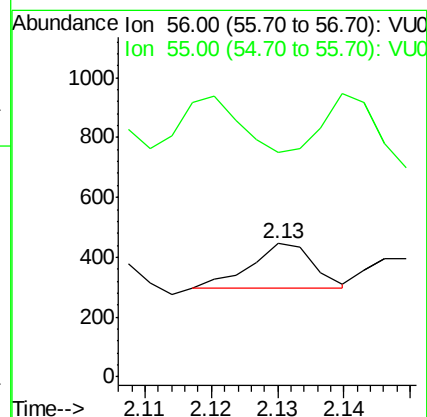
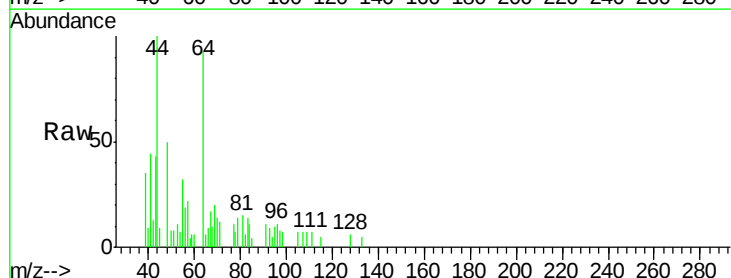
Tot Ion: 59 Resp: 1824
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

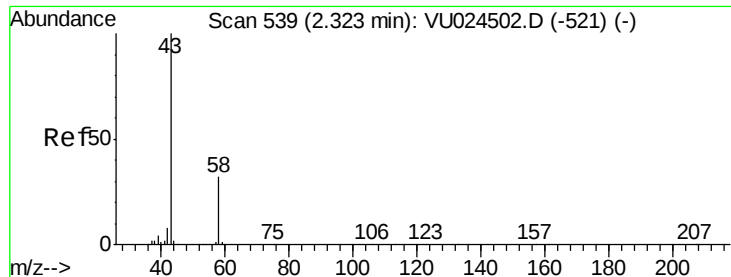


#13

Acrolein
 Concen: 0.274 ug/l
 RT: 2.13 min Scan# 479
 Delta R.T. -0.06 min
 Lab File: VU024570.D
 Acq: 15 Jun 2018 03:40

Tgt Ion: 56 Resp: 100
 Ion Ratio Lower Upper
 56 100
 55 133.0 58.4 87.6#





#16

Acetone

Concen: 1.719 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

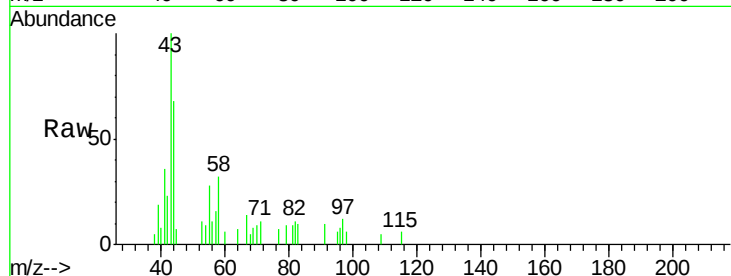
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2640

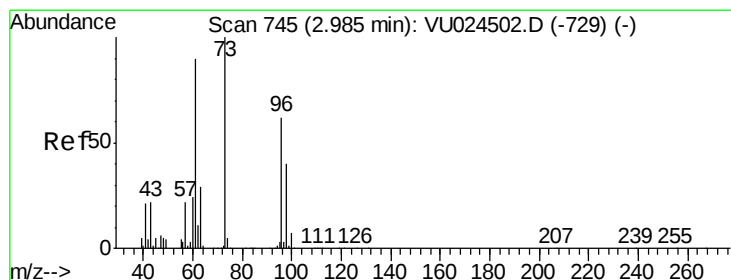
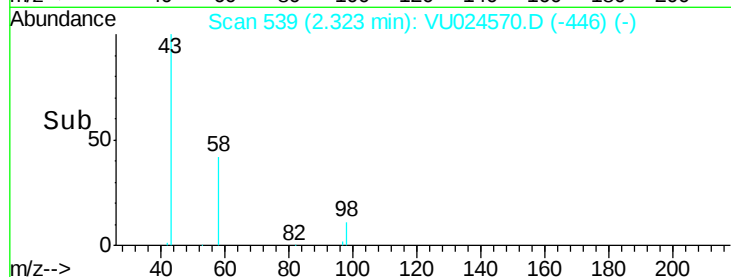
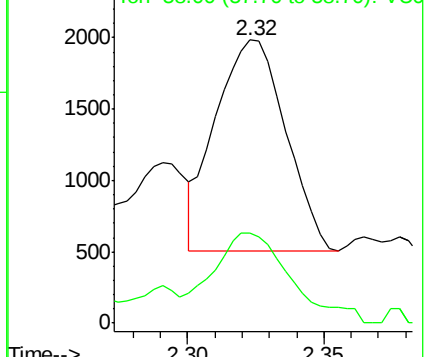
Ion Ratio Lower Upper

43 100

58 35.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#21

trans-1,2-Dichloroethene

Concen: 0.201 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

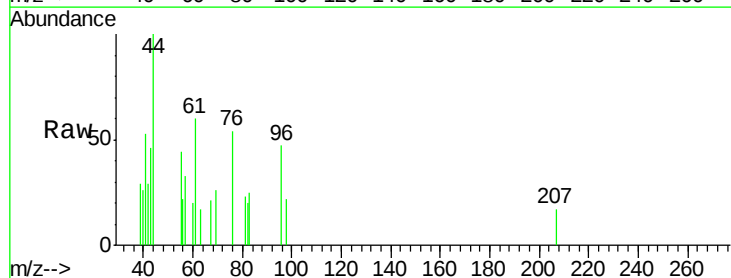
Tgt Ion: 96 Resp: 442

Ion Ratio Lower Upper

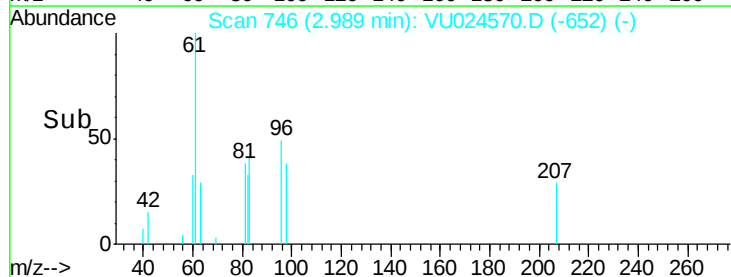
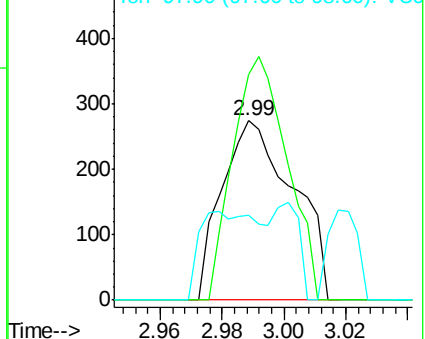
96 100

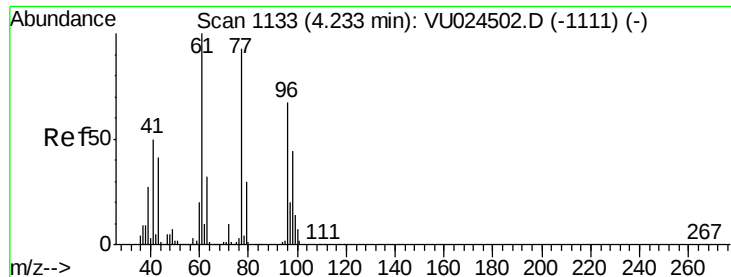
61 125.9 119.4 179.0

98 47.4 51.1 76.7#



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





#27

cis-1,2-Dichloroethene

Concen: 6.066 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :
MSVOA_U
ClientSampled :

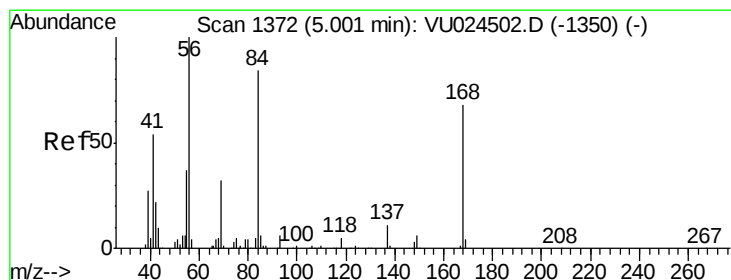
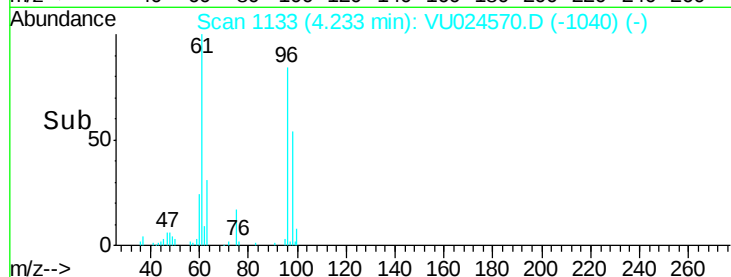
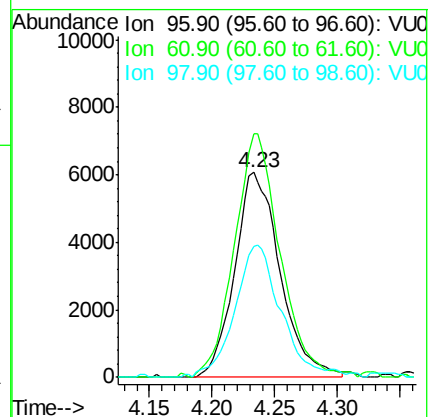
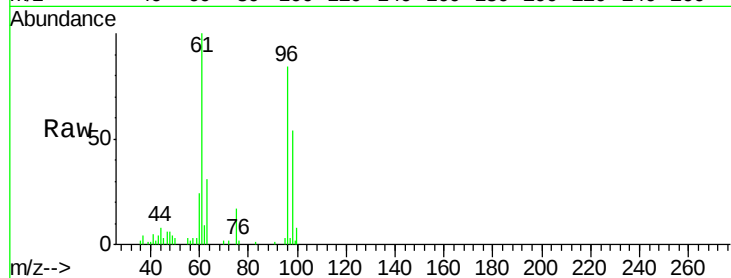
Tot Ion: 96 Resp: 15310

Ion Ratio Lower Upper

96 100

61 119.3 0.0 306.6

98 64.5 0.0 128.8



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1370

Delta R.T. -0.01 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

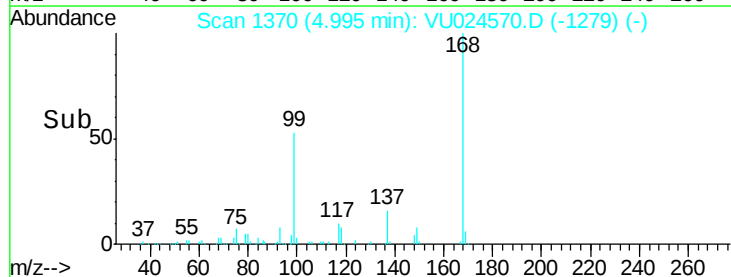
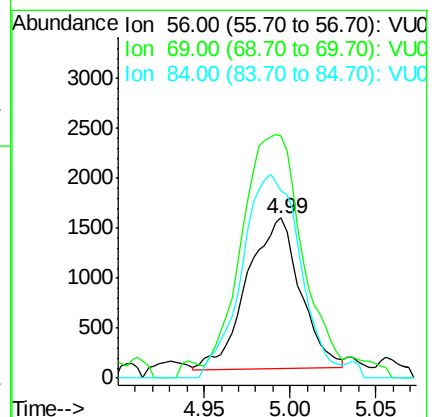
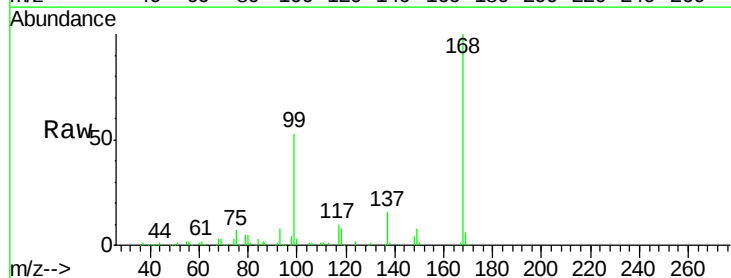
Tgt Ion: 56 Resp: 3239

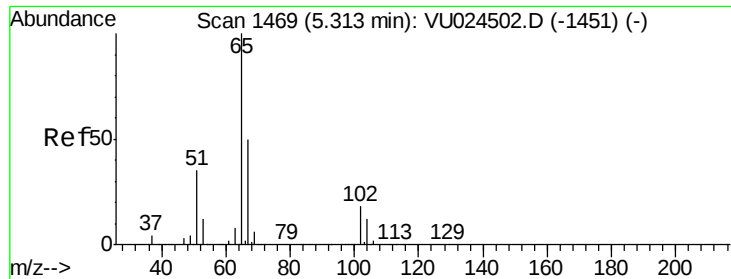
Ion Ratio Lower Upper

56 100

69 152.3 24.8 37.2#

84 125.4 65.2 97.8#

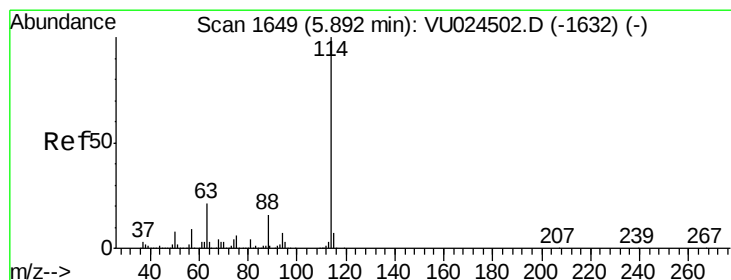
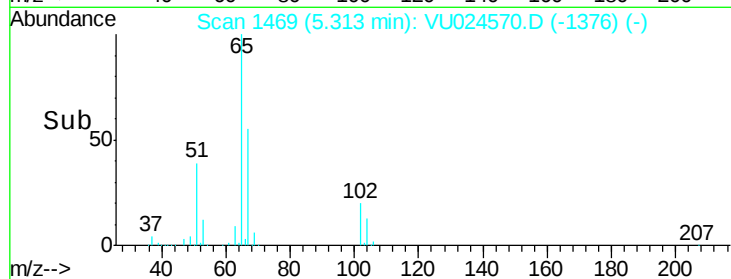
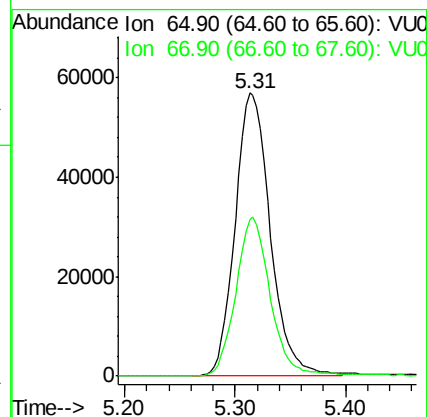
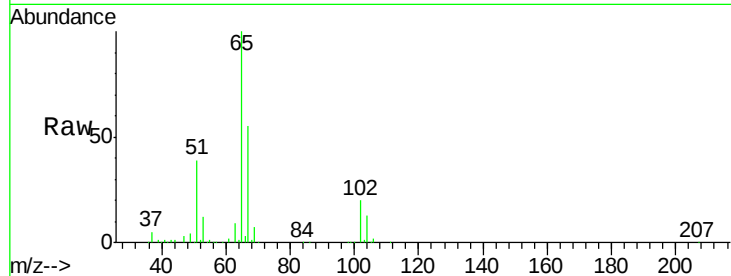




#33
 1,2-Dichloroethane-d4
 Concen: 44.087 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024570.D
 Acq: 15 Jun 2018 03:40

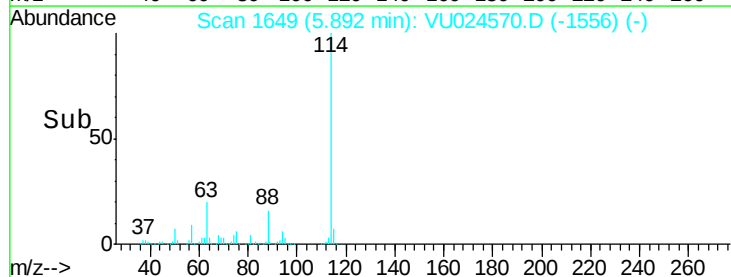
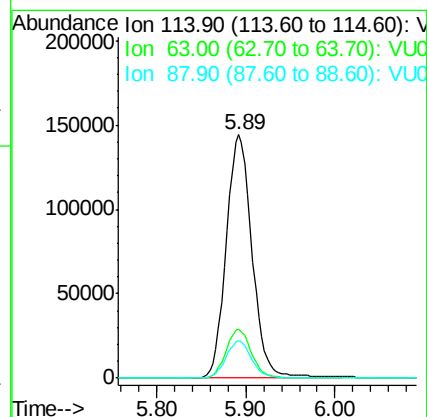
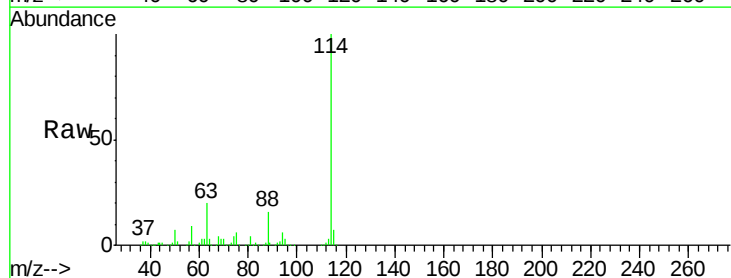
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 65 Resp: 126000
 Ion Ratio Lower Upper
 65 100
 67 54.9 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: VU024570.D
 Acq: 15 Jun 2018 03:40

Tgt Ion: 114 Resp: 290299
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.4
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.778 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :
MSVOA_U
ClientSampleId :

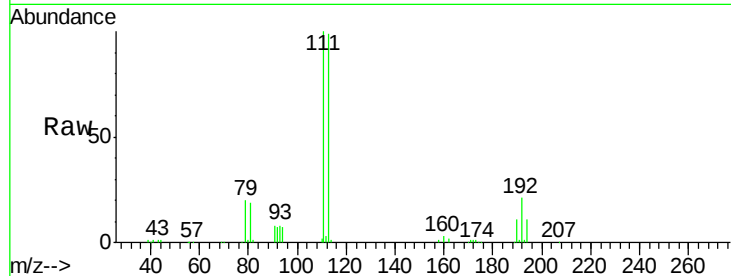
Tot Ion:113 Resp: 115109

Ion Ratio Lower Upper

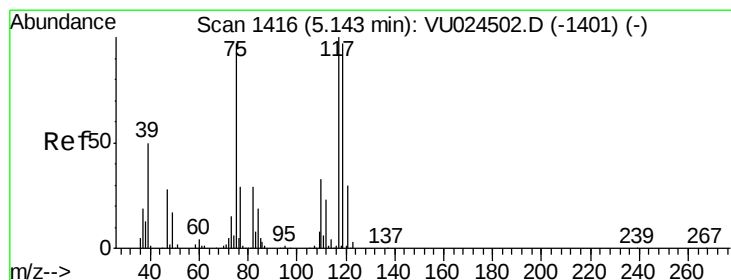
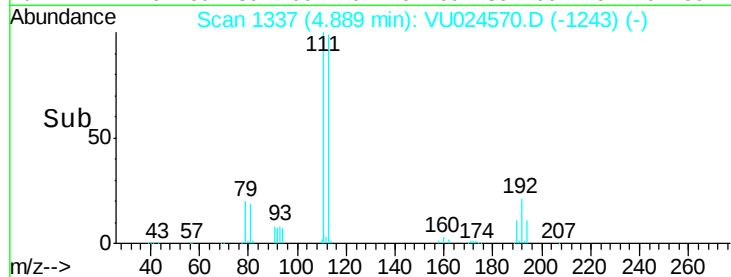
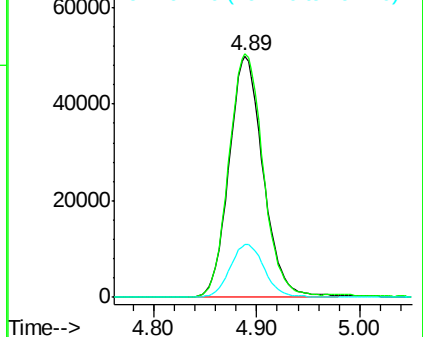
113 100

111 101.7 82.2 123.4

192 22.2 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: 3.371 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.15 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

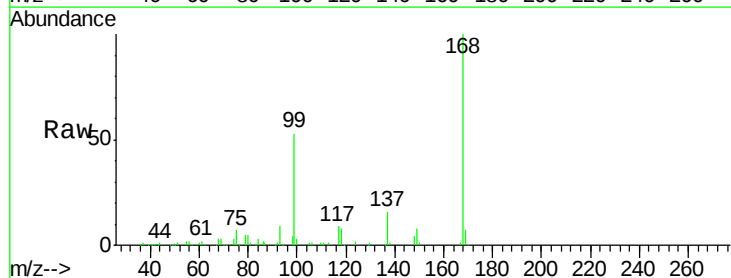
Tgt Ion: 75 Resp: 11499

Ion Ratio Lower Upper

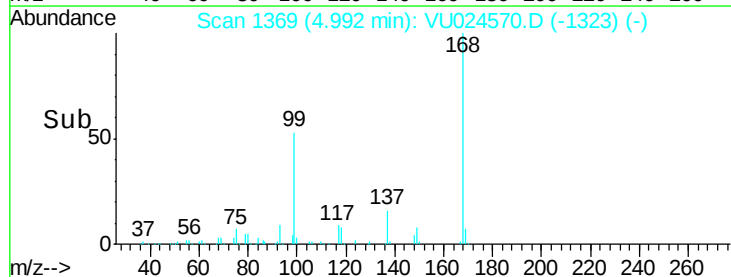
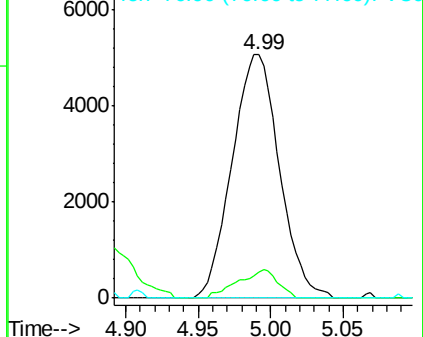
75 100

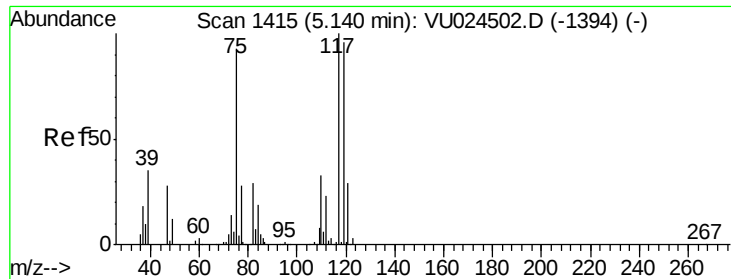
110 9.7 17.0 50.9#

77 0.0 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: 4.125 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.15 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

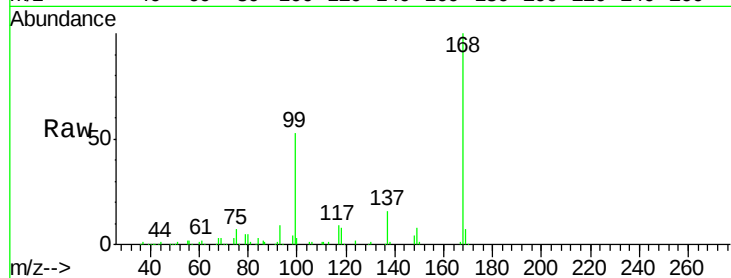
Tot Ion:117 Resp: 15472

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

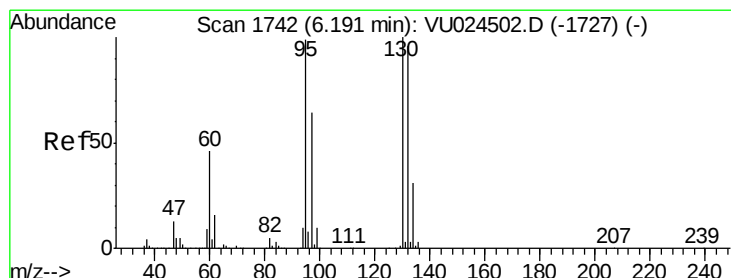
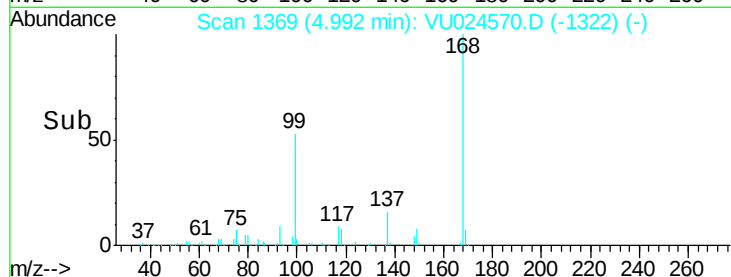
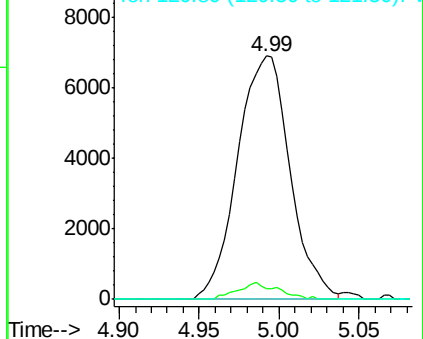
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 0.312 ug/l

RT: 6.20 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VU024570.D

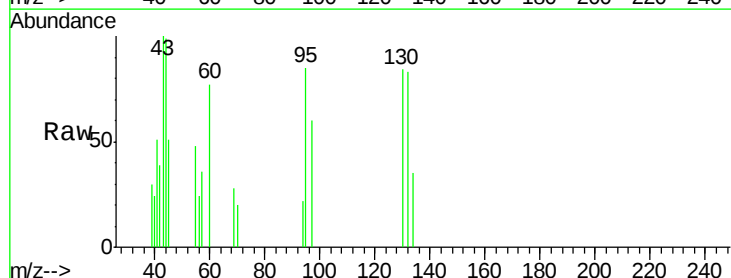
Acq: 15 Jun 2018 03:40

Tgt Ion:130 Resp: 862

Ion Ratio Lower Upper

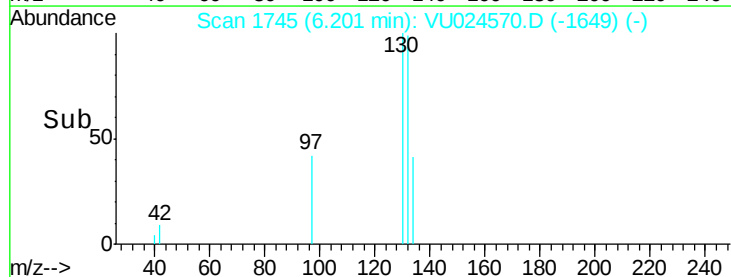
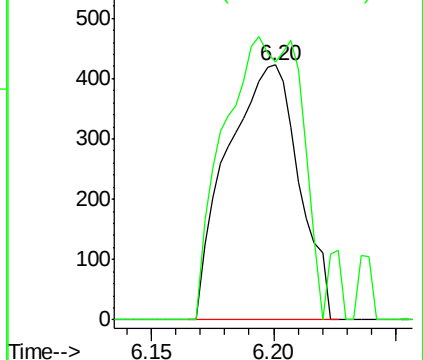
130 100

95 101.2 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

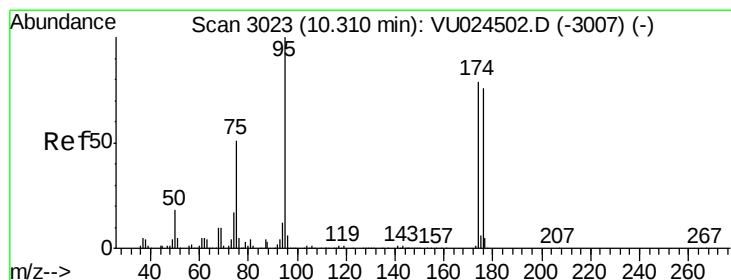
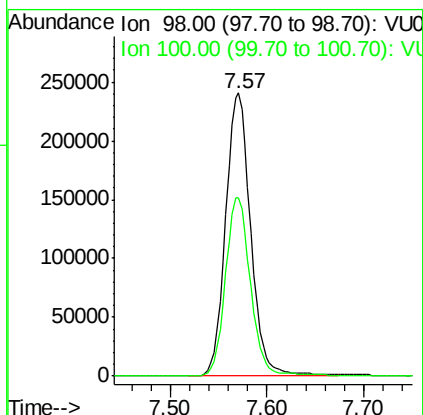
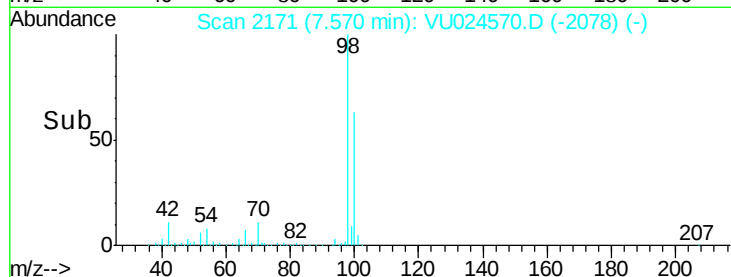
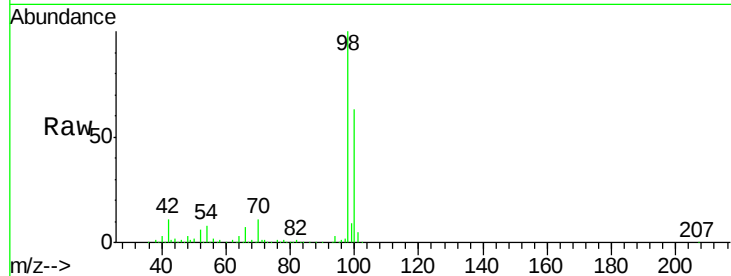




#50
Toluene-d8
Concen: 49.342 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024570.D
Acq: 15 Jun 2018 03:40

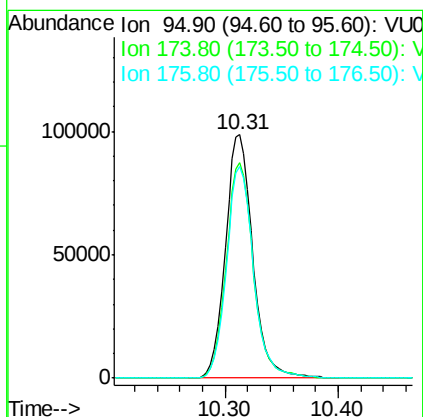
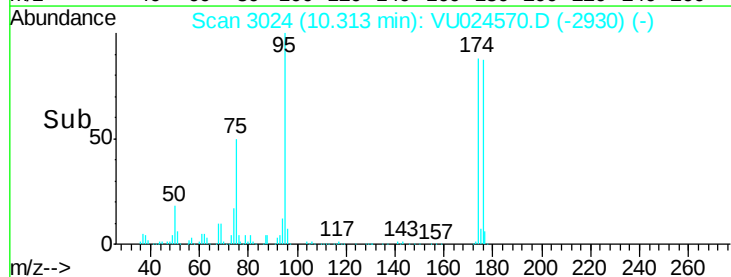
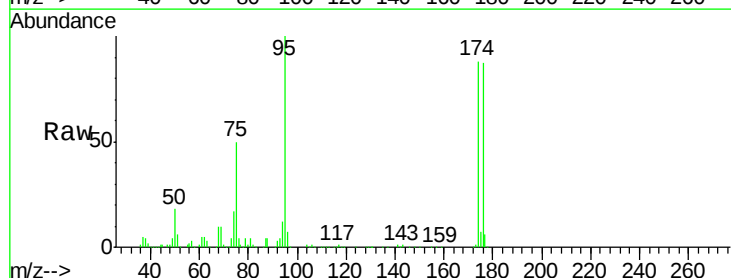
Instrument :
MSVOA_U
ClientSampleId :

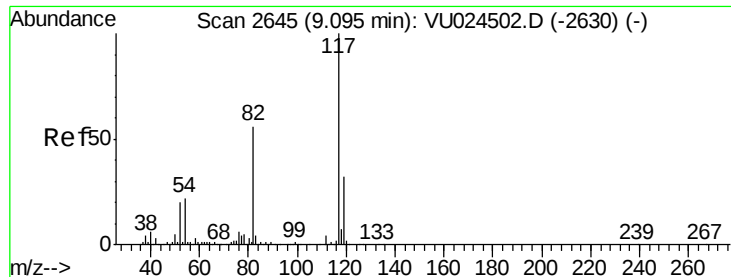
Tot Ion: 98 Resp: 433618
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.510 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU024570.D
Acq: 15 Jun 2018 03:40

Tgt Ion: 95 Resp: 165772
Ion Ratio Lower Upper
95 100
174 88.2 0.0 165.8
176 86.1 0.0 159.4

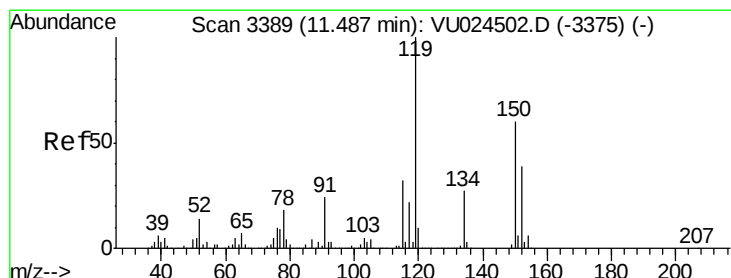
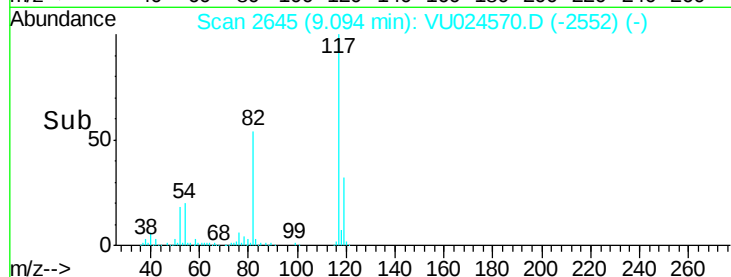
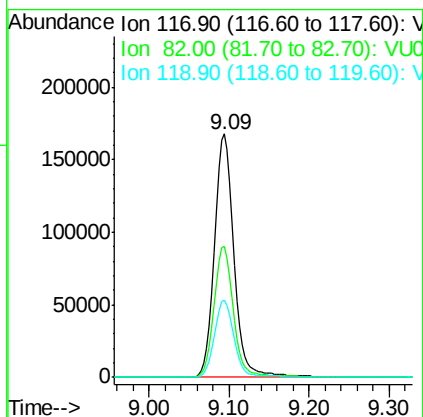
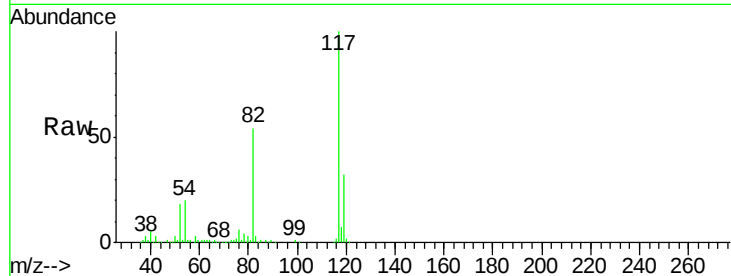




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024570.D
Acq: 15 Jun 2018 03:40

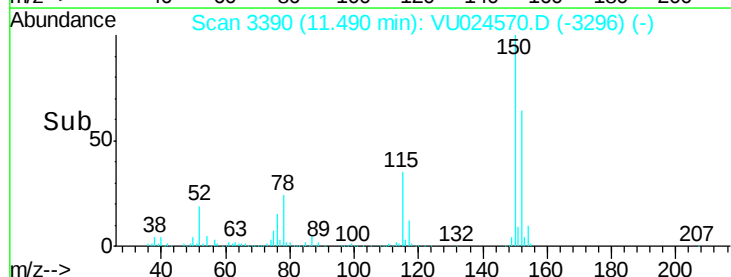
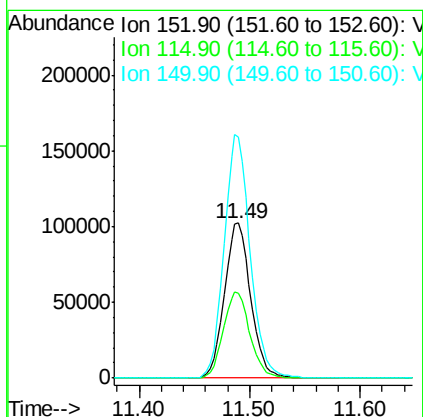
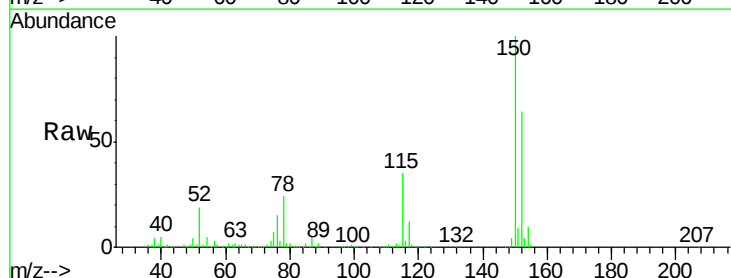
Instrument :
MSVOA_U
ClientSampled :

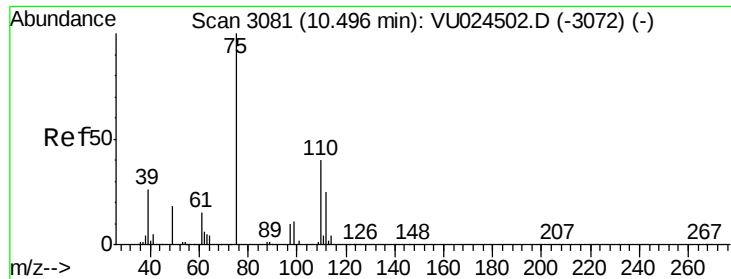
Tot Ion:117 Resp: 285391
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024570.D
Acq: 15 Jun 2018 03:40

Tgt Ion:152 Resp: 169413
Ion Ratio Lower Upper
152 100
115 55.6 43.0 129.0
150 154.8 0.0 354.0





#76

1,2,3-Trichloropropane

Concen: 22.190 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.18 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

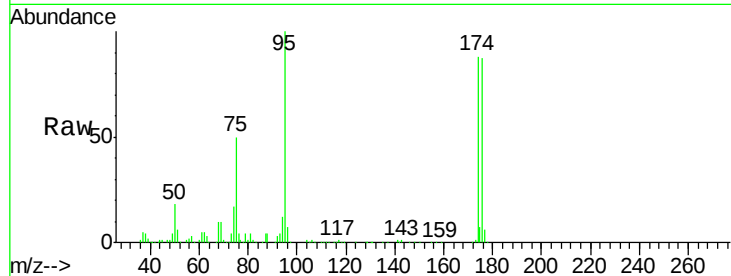
ClientSampled :

Tot Ion: 75 Resp: 82765

Ion Ratio Lower Upper

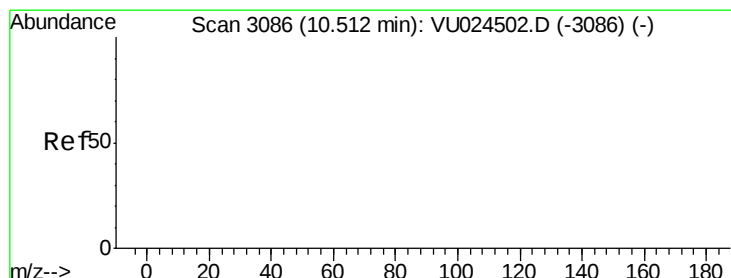
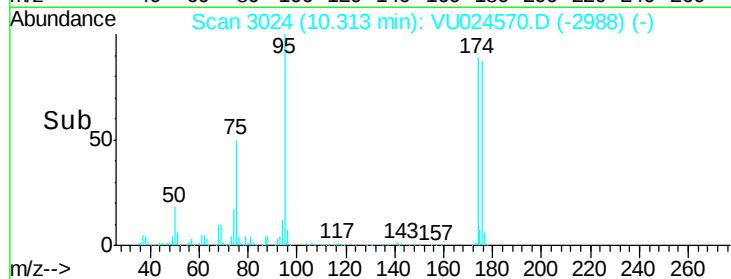
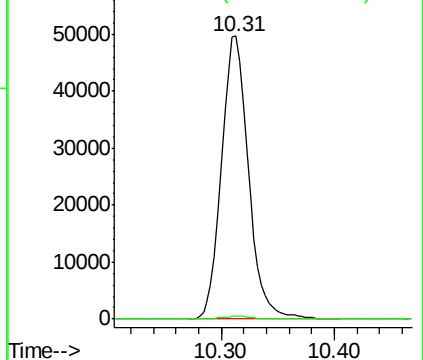
75 100

77 1.1 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: 51.357 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.20 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

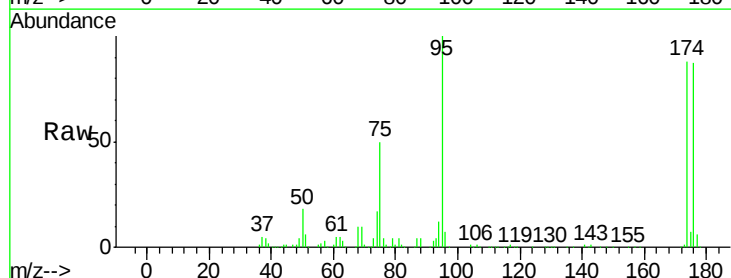
Tgt Ion: 75 Resp: 82765

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

