

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
 Data File : VU024727.D
 Acq On : 19 Jun 2018 06:45
 Operator : MD/SY
 Sample : J3535-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS042RW181-180614

Quant Time: Jun 19 08:27:58 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	190887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301519	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149407	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	134882	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
35) Dibromofluoromethane	4.89	113	116900	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	7.57	98	437498	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	10.31	95	155580	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	

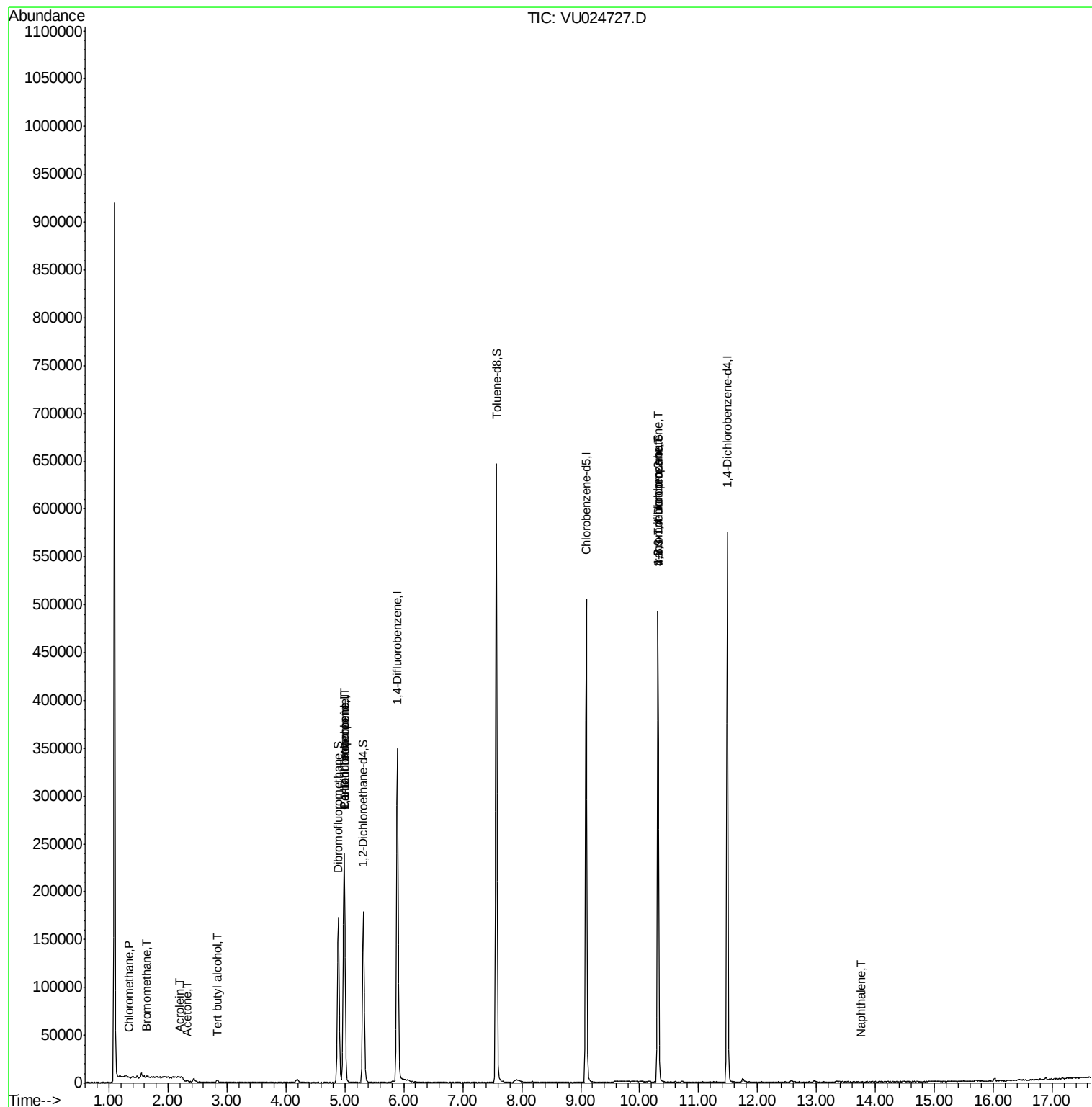
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	566	0.232	ug/l	96
5) Bromomethane	1.64	94	505	0.415	ug/l	98
6) Chloroethane	1.68	64	172	Below Cal	#	43
11) Tert butyl alcohol	2.83	59	558	0.736	ug/l #	72
13) Acrolein	2.18	56	116	0.291	ug/l	88
16) Acetone	2.32	43	552	0.330	ug/l	91
31) Cyclohexane	4.99	56	3658	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	13573	3.831	ug/l #	50
38) Carbon Tetrachloride	4.99	117	18030	4.628	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	79872	24.282	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	79872	56.198	ug/l #	100
95) Naphthalene	13.75	128	93	0.688	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024727.D

Acq: 19 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

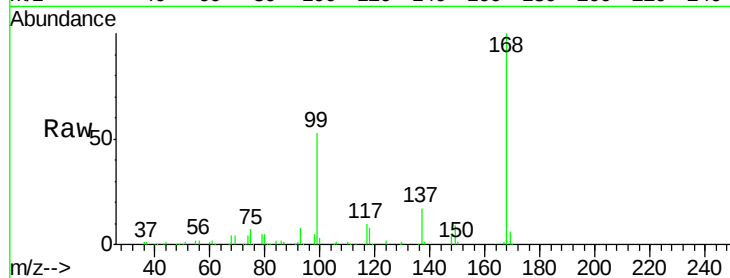
SS042RW181-180614

Tgt Ion:168 Resp: 190887

Ion Ratio Lower Upper

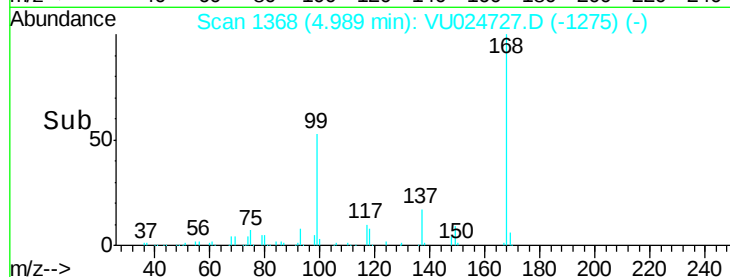
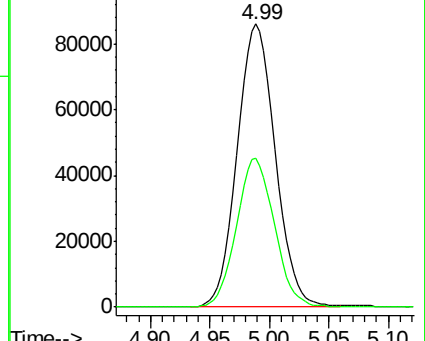
168 100

99 52.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024727.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024727.D (-1275) (-)



#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024727.D

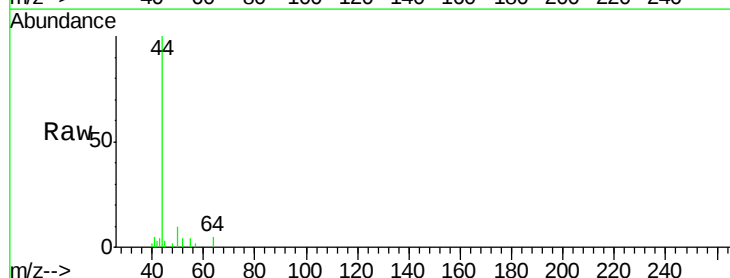
Acq: 19 Jun 2018 06:45

Tgt Ion: 50 Resp: 566

Ion Ratio Lower Upper

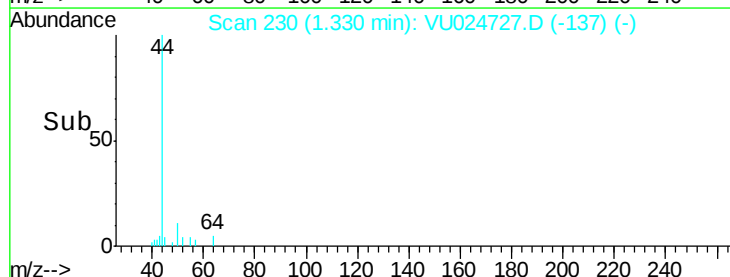
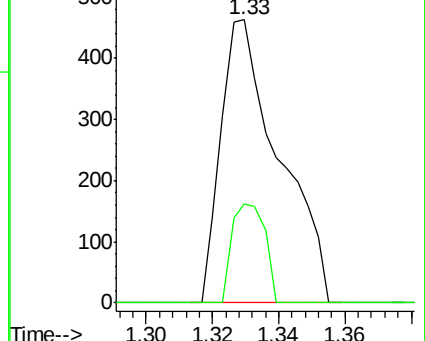
50 100

52 35.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024727.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024727.D (-137) (-)





#5

Bromomethane

Concen: 0.415 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU024727.D

Acq: 19 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

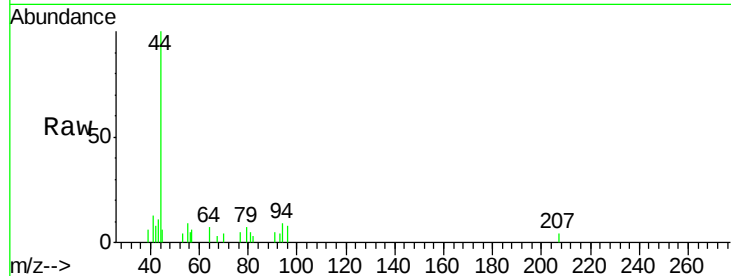
SS042RW181-180614

Tgt Ion: 94 Resp: 505

Ion Ratio Lower Upper

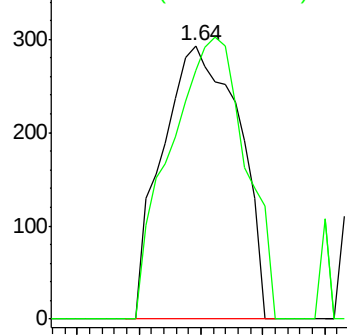
94 100

96 90.8 74.5 111.7

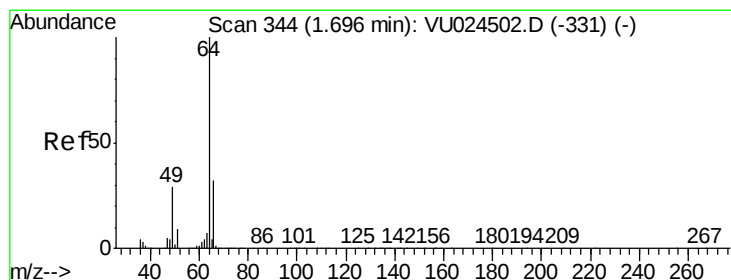
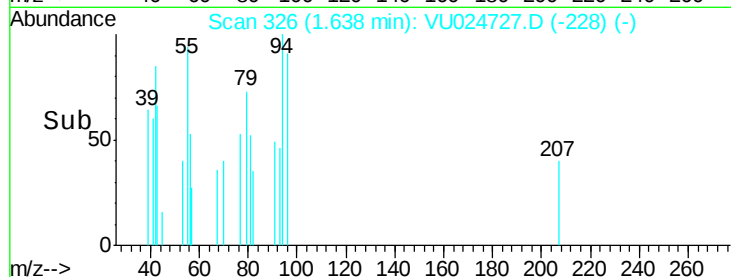


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU024727.D

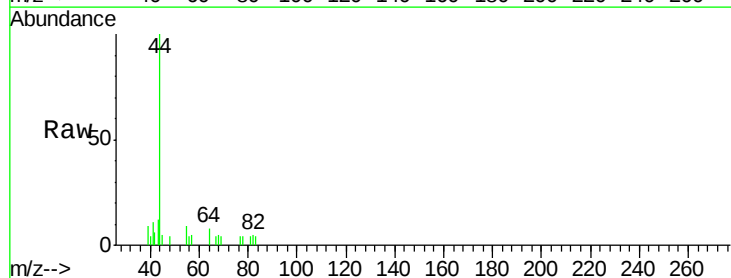
Acq: 19 Jun 2018 06:45

Tgt Ion: 64 Resp: 172

Ion Ratio Lower Upper

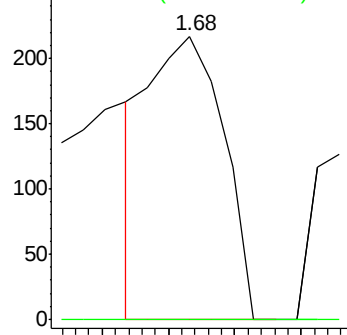
64 100

66 0.0 25.5 38.3#

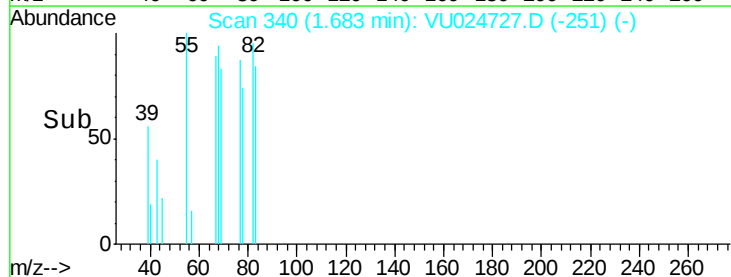


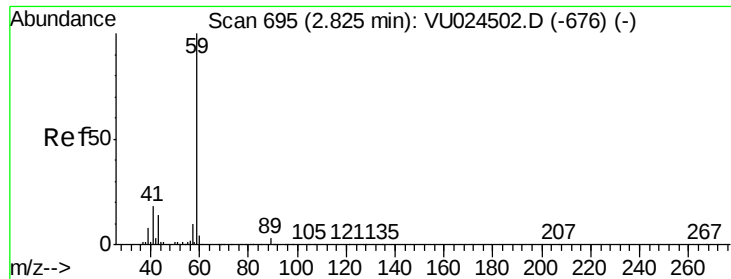
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->

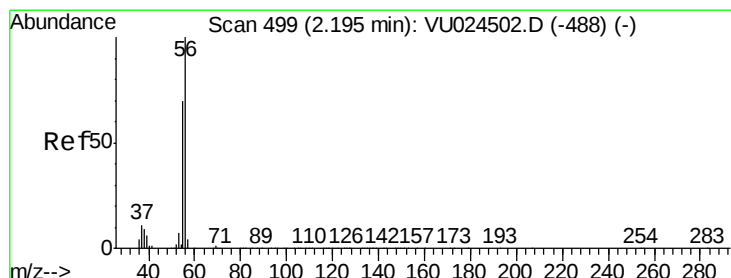
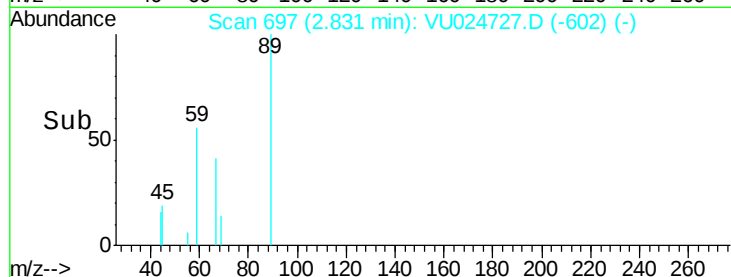
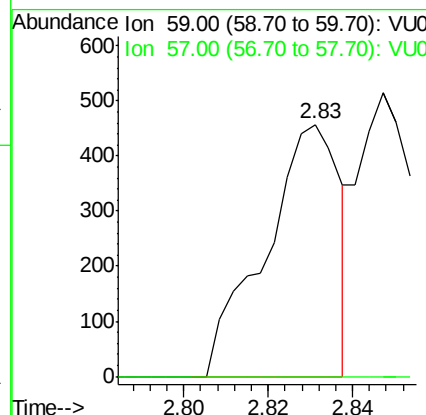
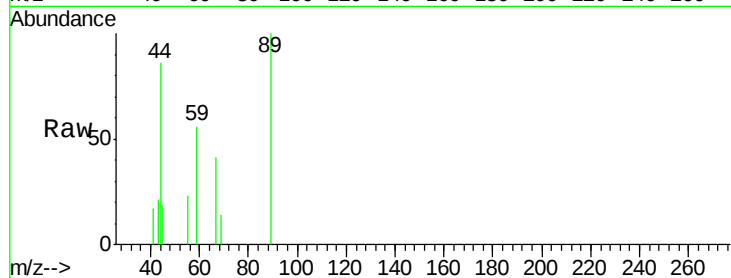




#11
Tert butyl alcohol
Concen: 0.736 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024727.D
Acq: 19 Jun 2018 06:45

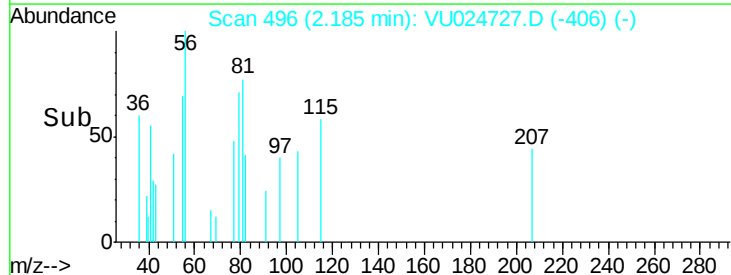
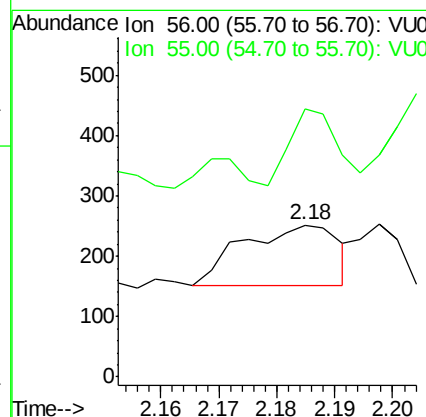
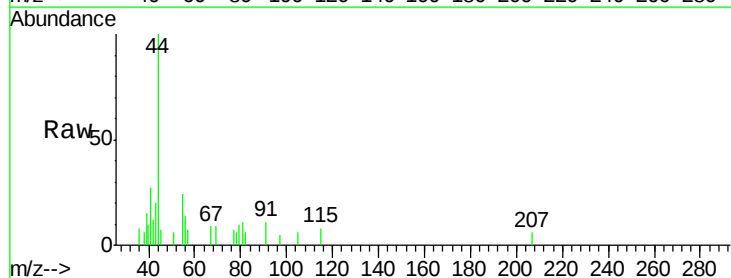
Instrument :
MSVOA_U
ClientSampleId :
SS042RW181-180614

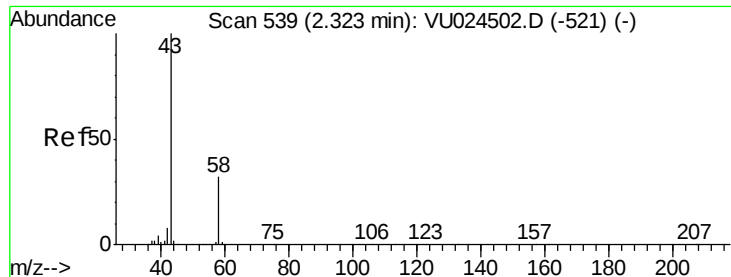
Tgt Ion: 59 Resp: 558
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.291 ug/l
RT: 2.18 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU024727.D
Acq: 19 Jun 2018 06:45

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 62.9 58.4 87.6





#16

Acetone

Concen: 0.330 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024727.D

Acq: 19 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

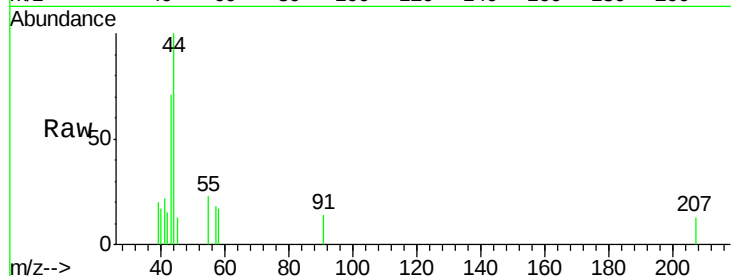
SS042RW181-180614

Tgt Ion: 43 Resp: 552

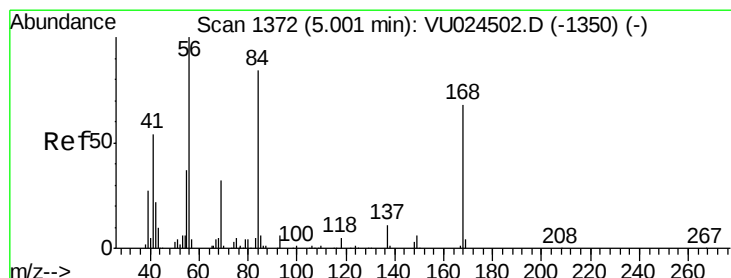
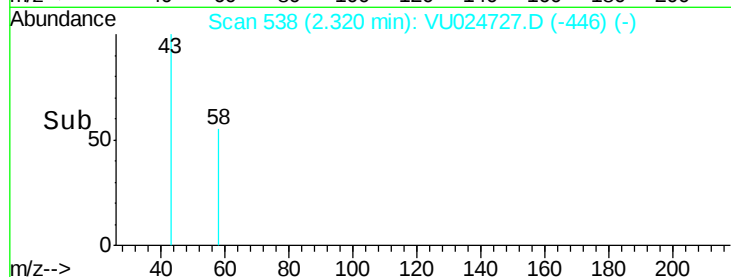
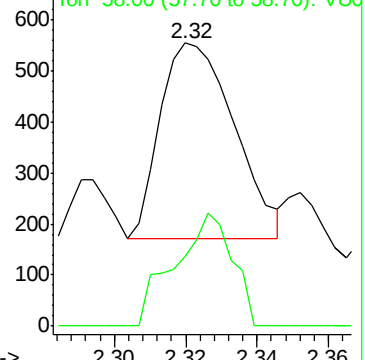
Ion Ratio Lower Upper

43 100

58 35.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024727.D (-446) (-)



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1367

Delta R.T. -0.02 min

Lab File: VU024727.D

Acq: 19 Jun 2018 06:45

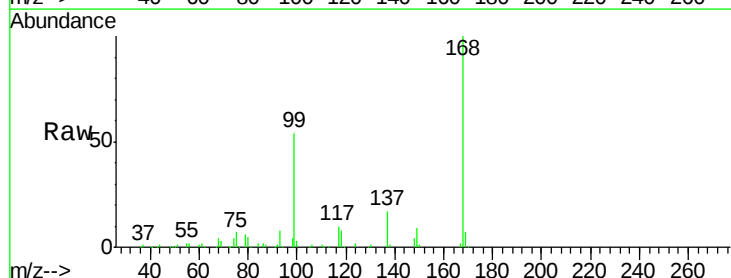
Tgt Ion: 56 Resp: 3658

Ion Ratio Lower Upper

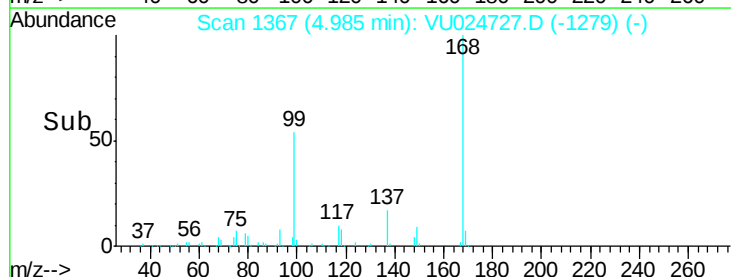
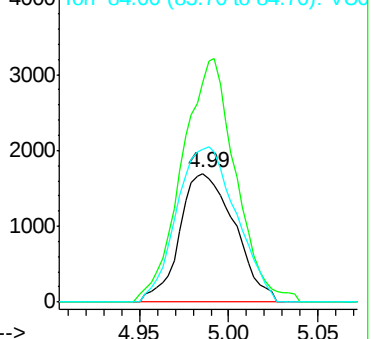
56 100

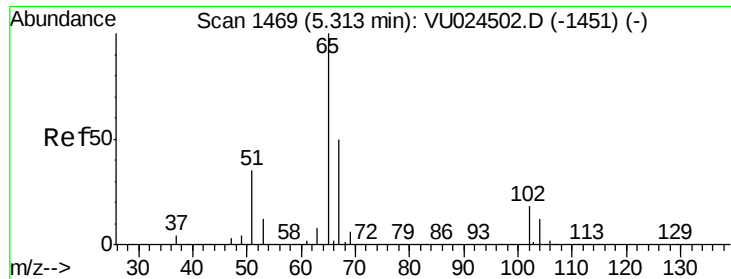
69 170.0 24.8 37.2#

84 118.1 65.2 97.8#



Abundance Ion 56.00 (55.70 to 56.70): VU024727.D (-1279) (-)

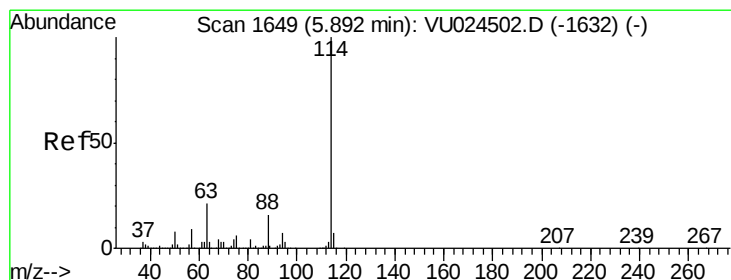
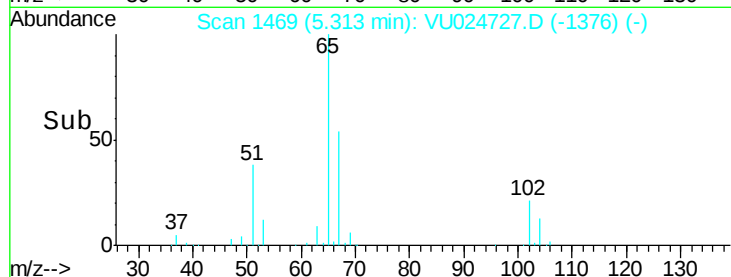
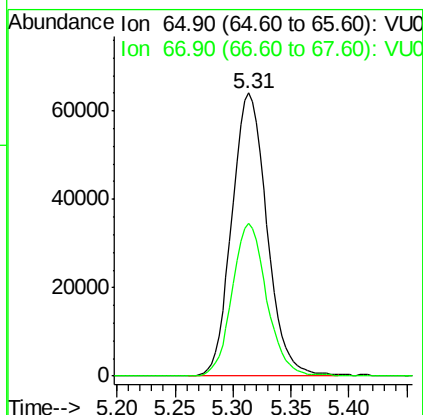
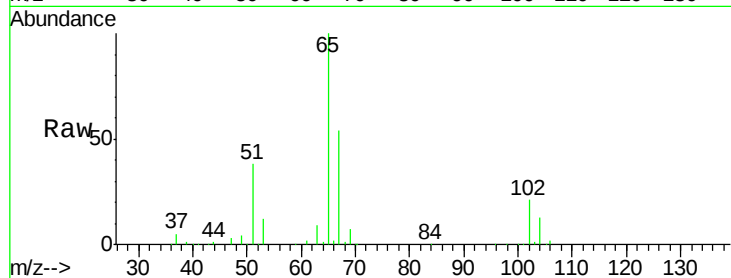




#33
 1,2-Dichloroethane-d4
 Concen: 43.283 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024727.D
 Acq: 19 Jun 2018 06:45

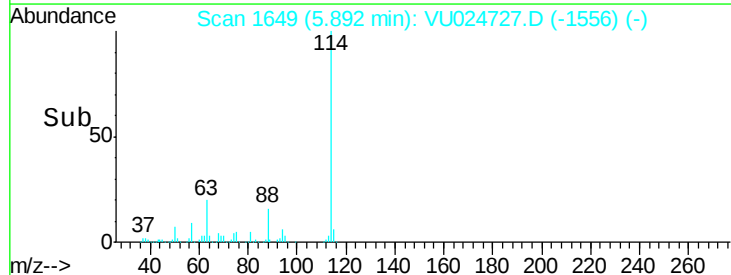
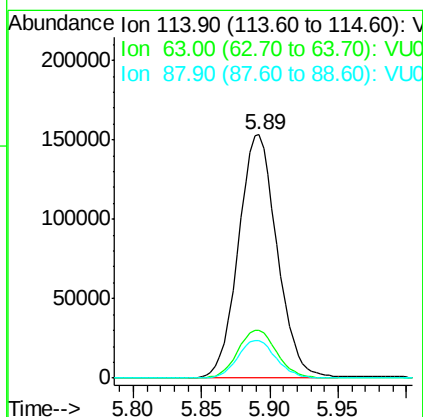
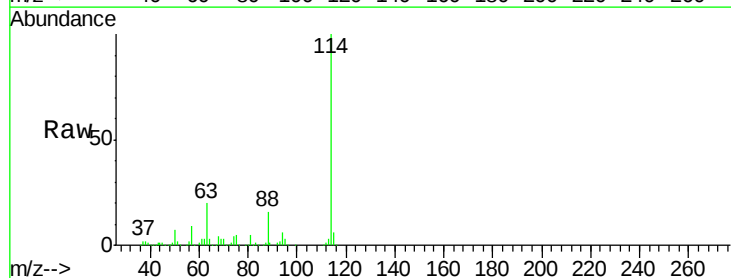
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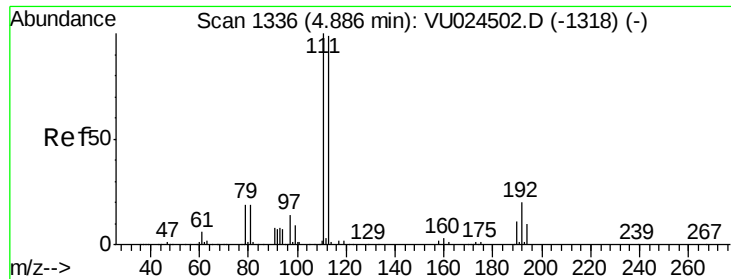
Tgt Ion: 65 Resp: 134882
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024727.D
 Acq: 19 Jun 2018 06:45

Tgt Ion: 114 Resp: 301519
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.4
 88 15.5 0.0 31.0

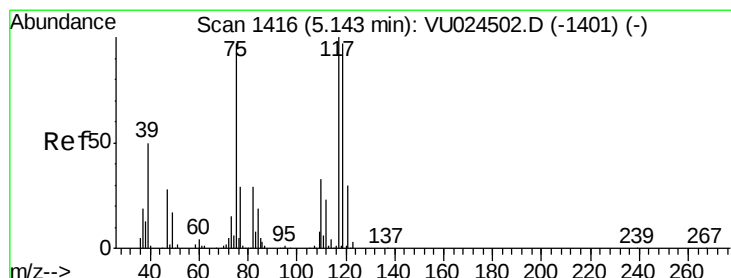
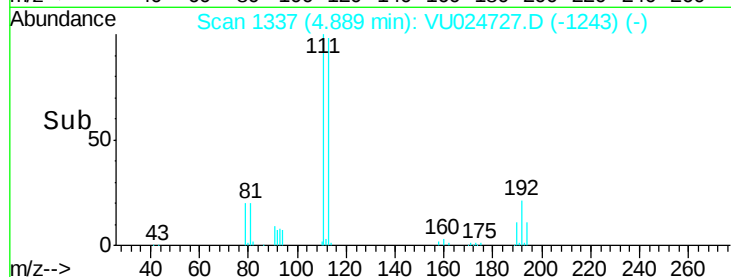
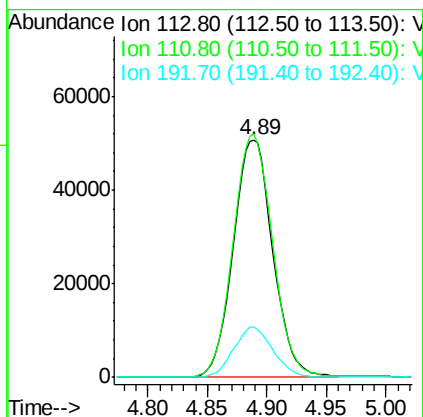
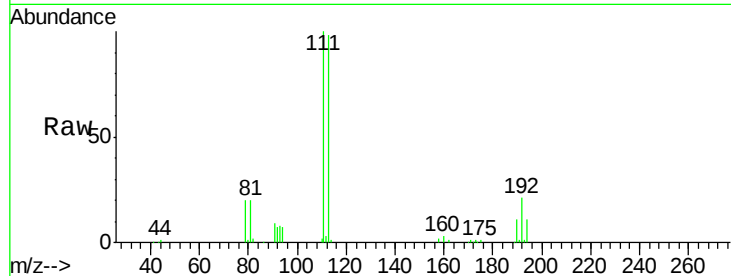




#35
 Dibromofluoromethane
 Concen: 46.716 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024727.D
 Acq: 19 Jun 2018 06:45

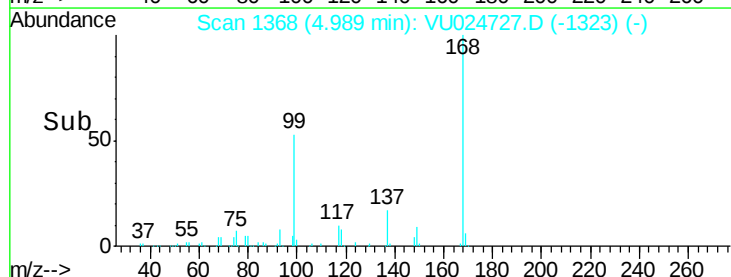
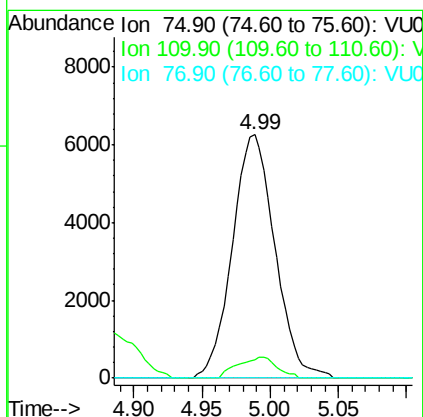
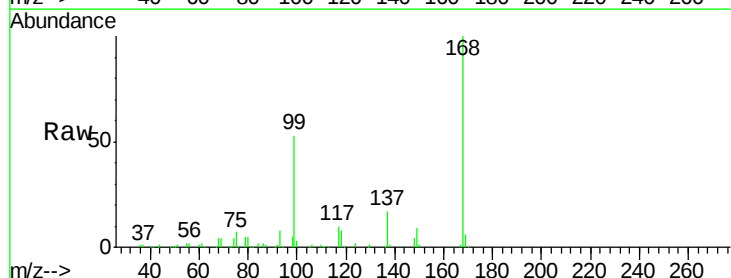
Instrument :
 MSVOA_U
 ClientSampleId :
 SS042RW181-180614

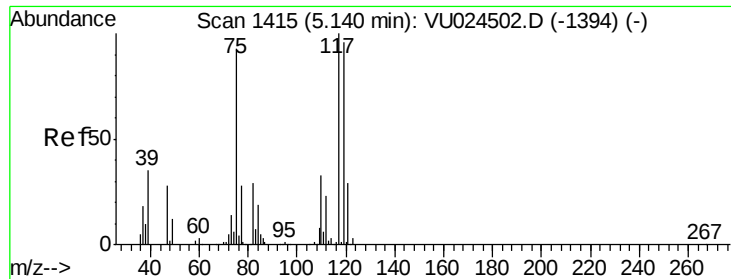
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	21.0	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 3.831 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024727.D
 Acq: 19 Jun 2018 06:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 4.628 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024727.D

Acq: 19 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

SS042RW181-180614

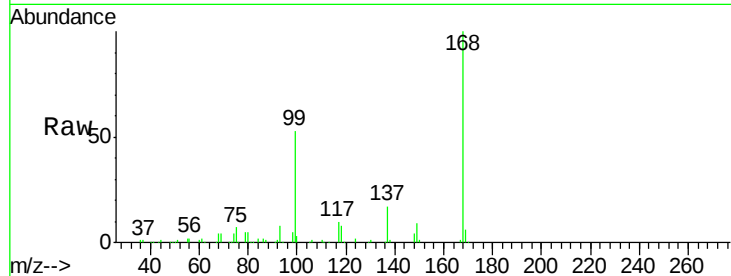
Tgt Ion:117 Resp: 18030

Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

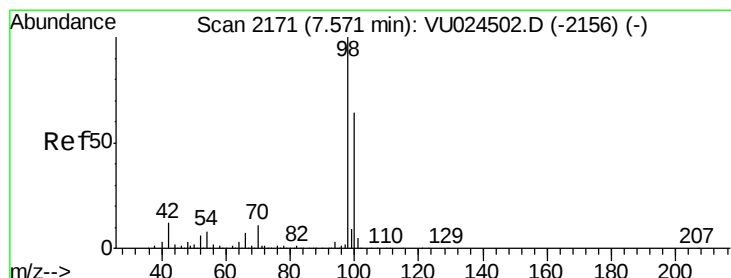
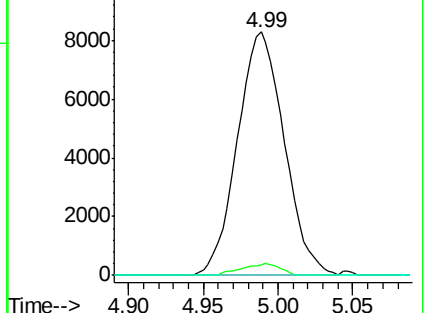
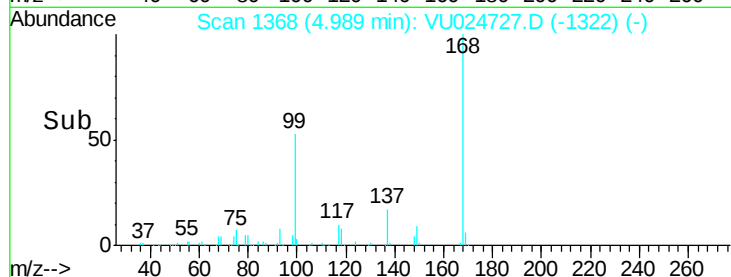
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.931 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024727.D

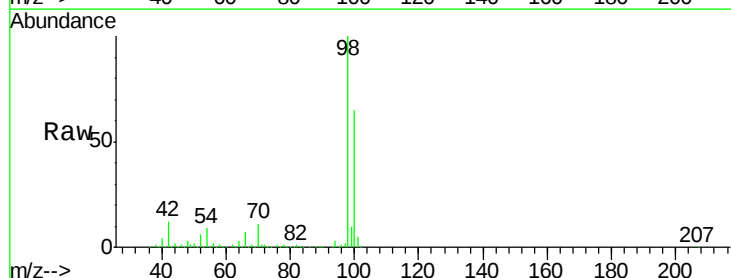
Acq: 19 Jun 2018 06:45

Tgt Ion: 98 Resp: 437498

Ion Ratio Lower Upper

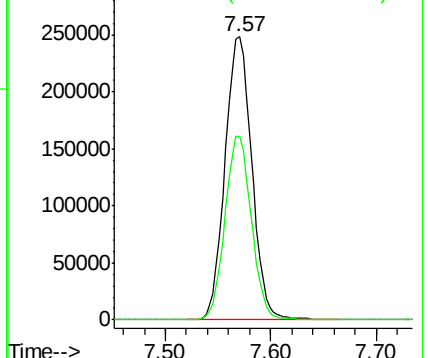
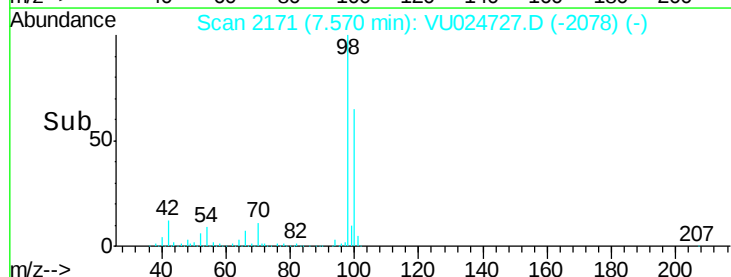
98 100

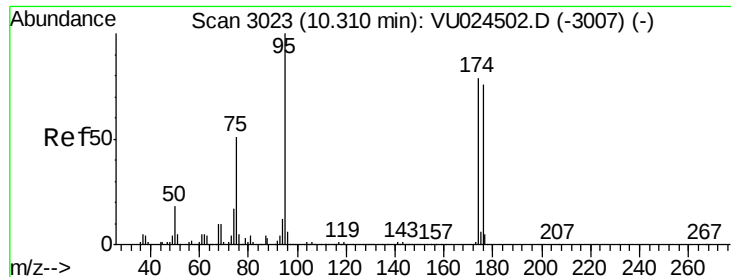
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

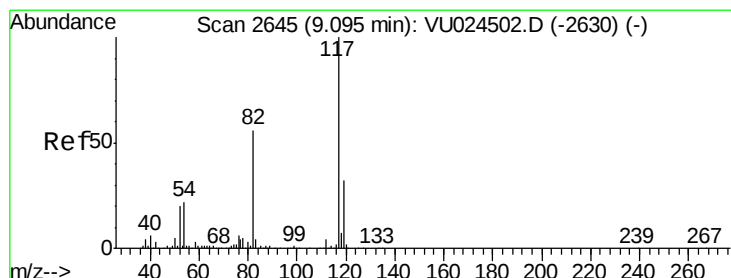
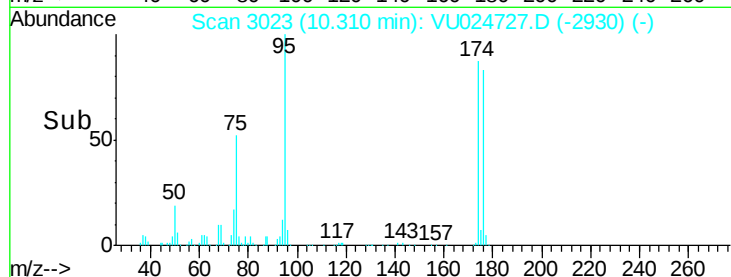
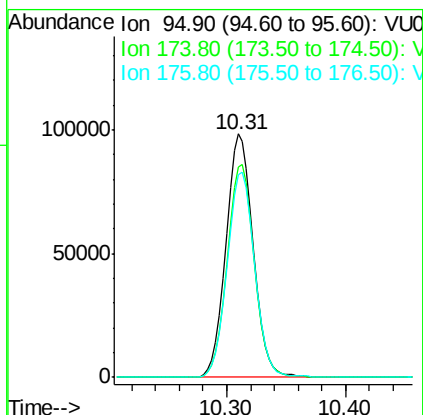
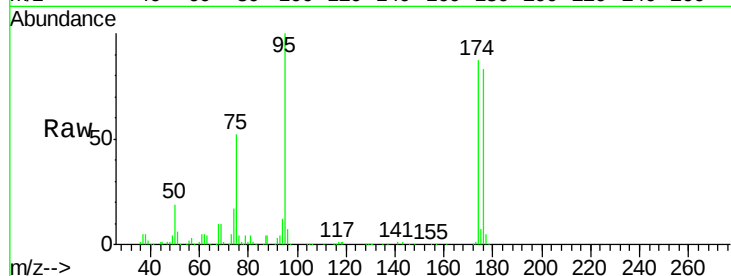




#62
4-Bromofluorobenzene
Concen: 42.930 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024727.D
Acq: 19 Jun 2018 06:45

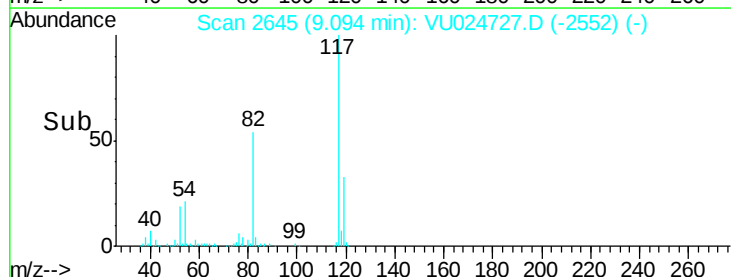
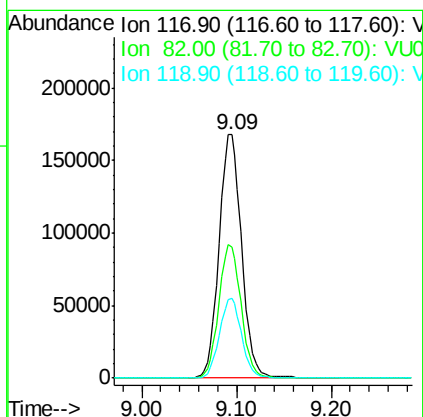
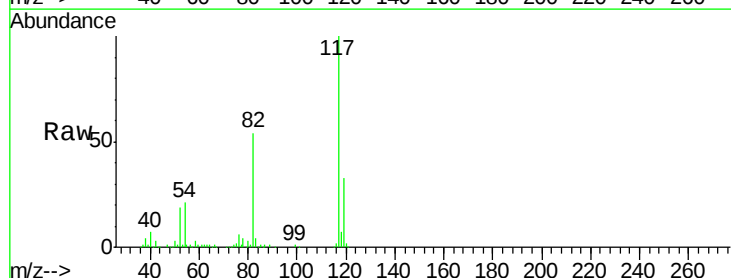
Instrument :
MSVOA_U
ClientSampleId :
SS042RW181-180614

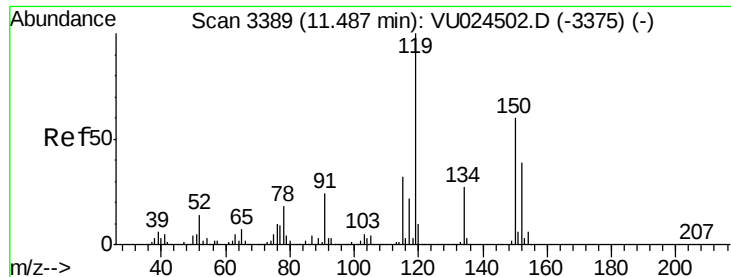
Tgt Ion: 95 Resp: 155580
Ion Ratio Lower Upper
95 100
174 87.2 0.0 165.8
176 85.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024727.D
Acq: 19 Jun 2018 06:45

Tgt Ion: 117 Resp: 277507
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.9 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: VU024727.D

Acq: 19 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

SS042RW181-180614

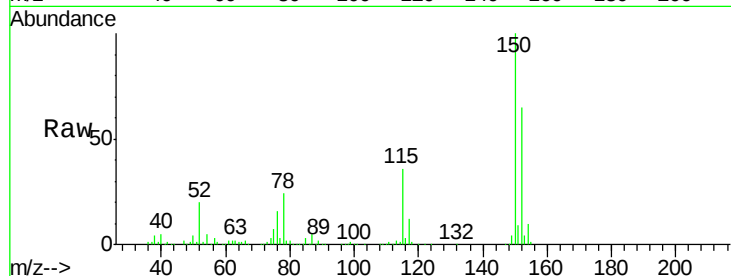
Tgt Ion:152 Resp: 149407

Ion Ratio Lower Upper

152 100

115 56.0 43.0 129.0

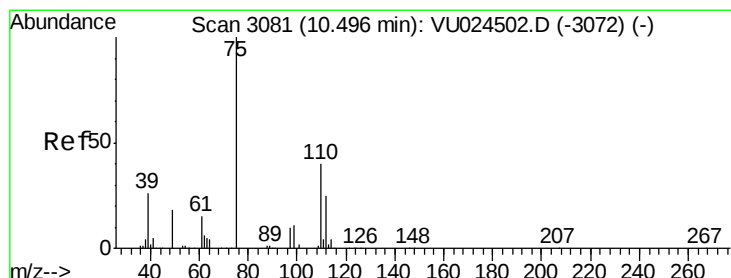
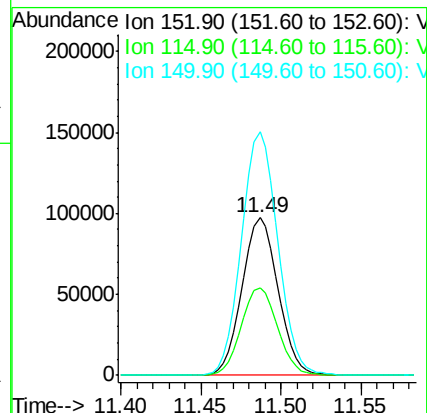
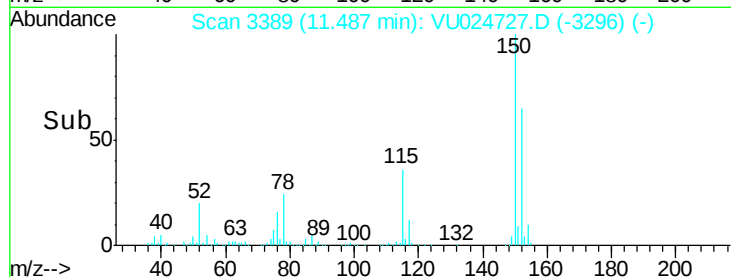
150 155.9 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.282 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024727.D

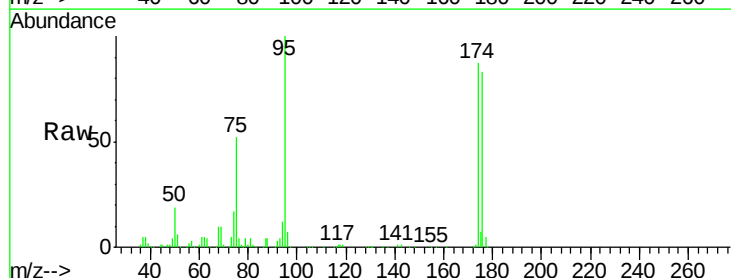
Acq: 19 Jun 2018 06:45

Tgt Ion: 75 Resp: 79872

Ion Ratio Lower Upper

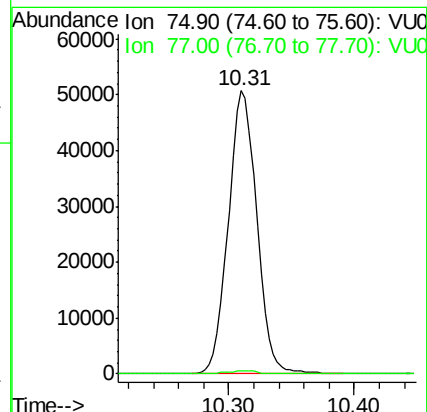
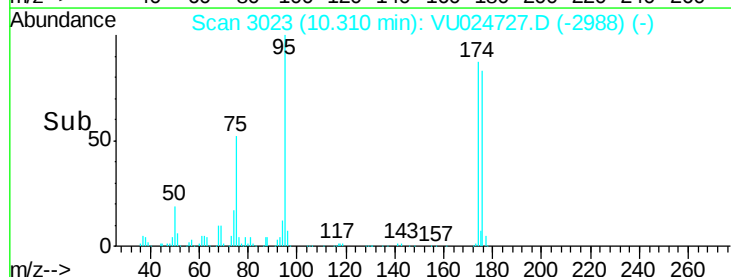
75 100

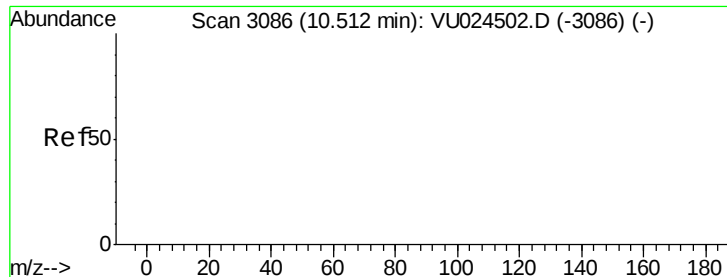
77 1.1 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

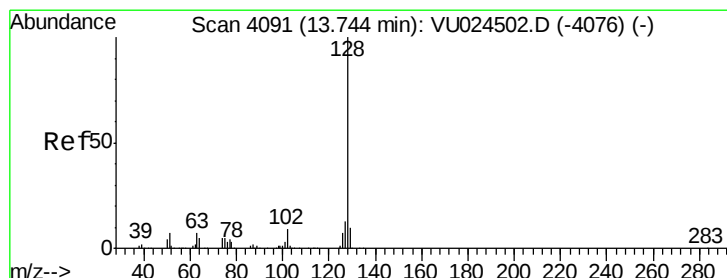
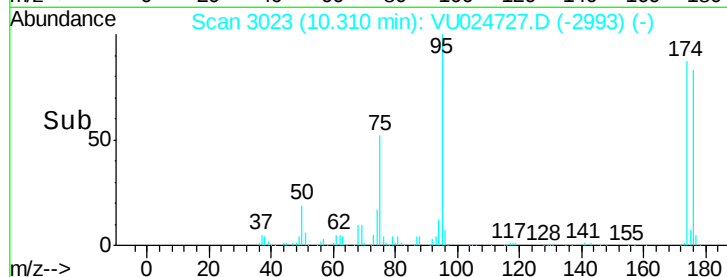
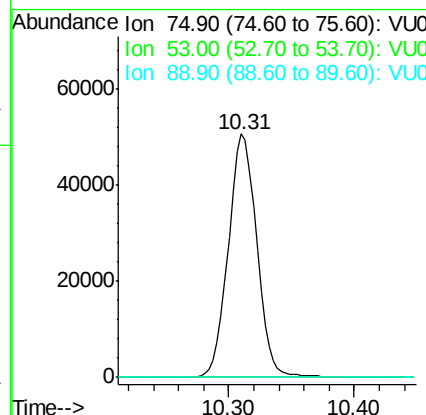
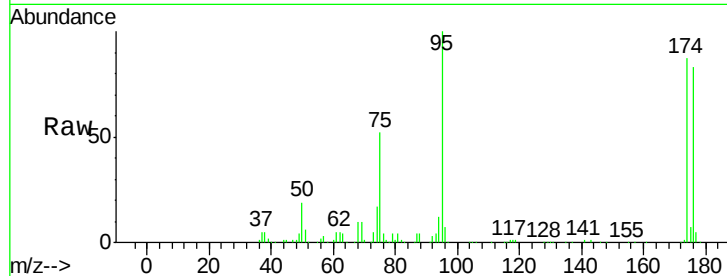




#81
trans-1,4-Dichloro-2-butene
Concen: 56.198 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU024727.D
Acq: 19 Jun 2018 06:45

Instrument :
MSVOA_U
ClientSampleId :
SS042RW181-180614

Tgt Ion: 75 Resp: 79872
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#95
Naphthalene
Concen: 0.688 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU024727.D
Acq: 19 Jun 2018 06:45

Tgt Ion: 128 Resp: 93
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

