

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025114.D
 Acq On : 01 Jul 2018 02:54
 Operator : MD/SY
 Sample : J3804-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 207TH-STREET-TRIP-BLANK-1-6-28

Quant Time: Jul 02 05:46:23 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

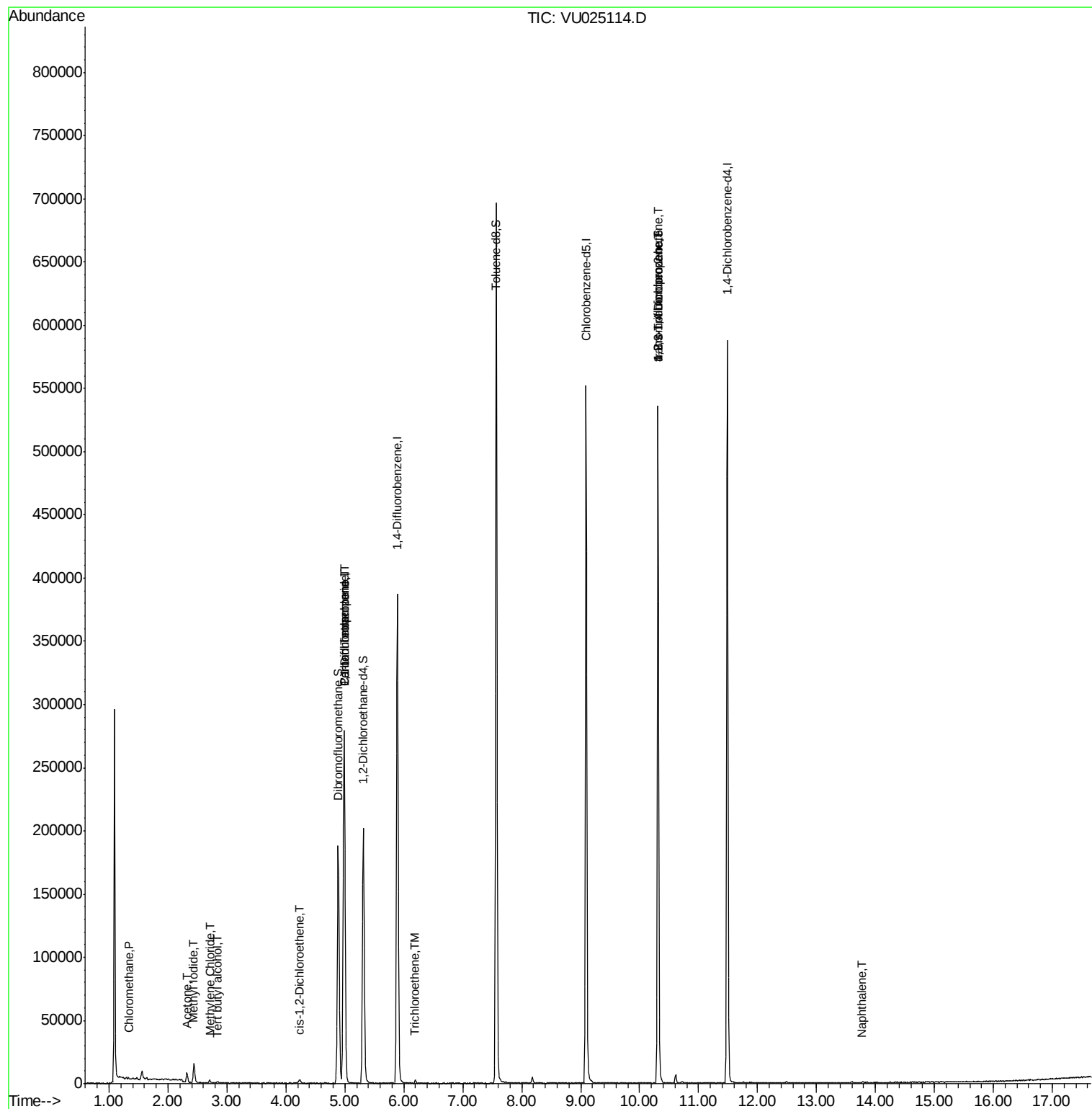
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	218546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	323491	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	300458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	163404	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
35) Dibromofluoromethane	4.89	113	128729	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	7.57	98	467316	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	10.31	95	172890	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	993	0.355	ug/l #	83
6) Chloroethane	1.69	64	148	Below Cal	#	43
10) Methyl Iodide	2.42	142	319	5.412	ug/l #	55
11) Tert butyl alcohol	2.84	59	503	0.580	ug/l #	72
16) Acetone	2.32	43	7832	4.086	ug/l	97
20) Methylene Chloride	2.71	84	1044	0.347	ug/l #	81
27) cis-1,2-Dichloroethene	4.23	96	869	0.276	ug/l #	12
31) Cyclohexane	4.99	56	4466	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	16242	4.273	ug/l #	51
38) Carbon Tetrachloride	4.99	117	21283	5.091	ug/l #	16
44) Trichloroethene	6.20	130	961	0.312	ug/l	77
76) 1,2,3-Trichloropropane	10.31	75	90958	26.676	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	90958	61.740	ug/l #	100
95) Naphthalene	13.76	128	173	0.694	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: VU025114.D

Acq: 01 Jul 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

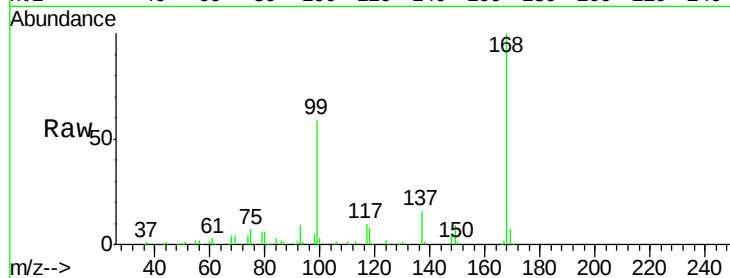
207TH-STREET-TRIP-BLANK-1-6-28

Tgt Ion:168 Resp: 218546

Ion Ratio Lower Upper

168 100

99 59.3 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) (-)

4.99

100000

80000

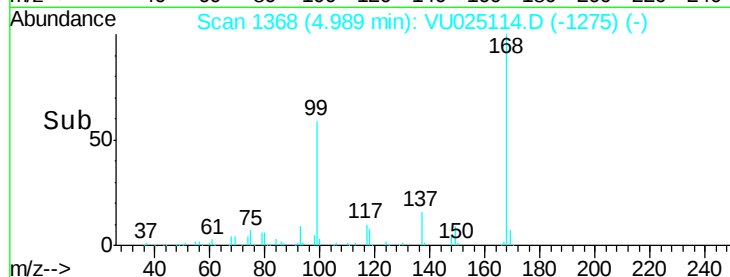
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.355 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025114.D

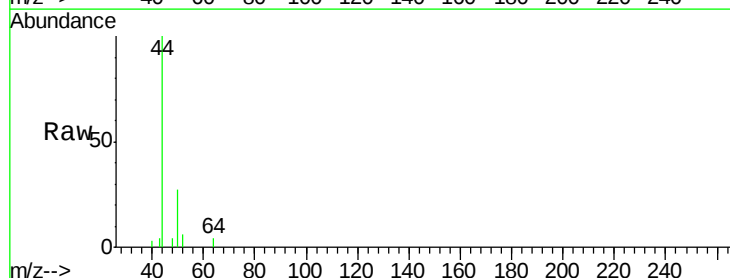
Acq: 01 Jul 2018 02:54

Tgt Ion: 50 Resp: 993

Ion Ratio Lower Upper

50 100

52 23.6 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) (-)

1.33

800

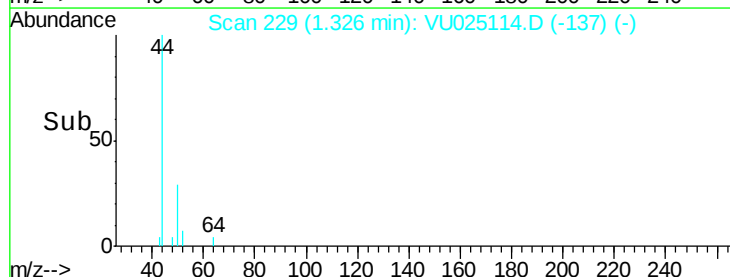
600

400

200

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

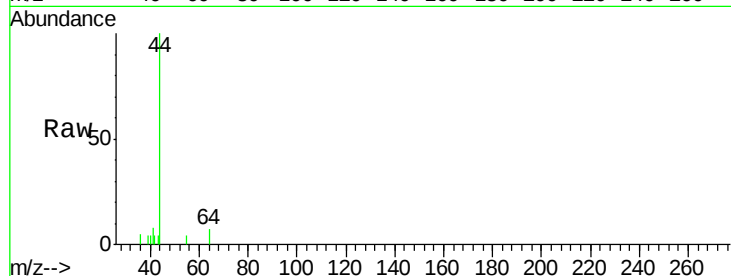
207TH-STREET-TRIP-BLANK-1-6-28

Tgt Ion: 64 Resp: 148

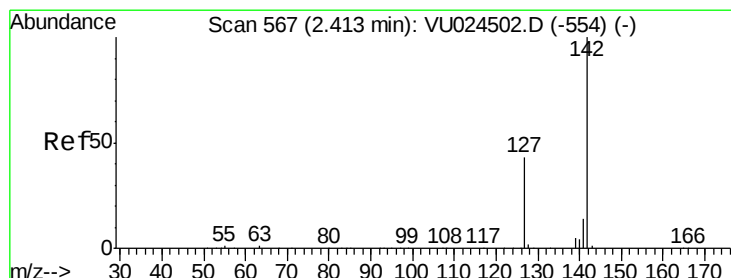
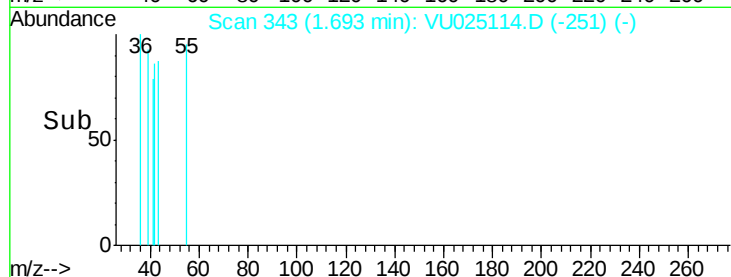
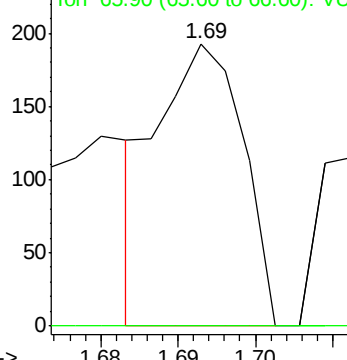
Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU025114.D (-251) (-)



#10

Methyl Iodide

Concen: 5.412 ug/l

RT: 2.42 min Scan# 570

Delta R.T. 0.01 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

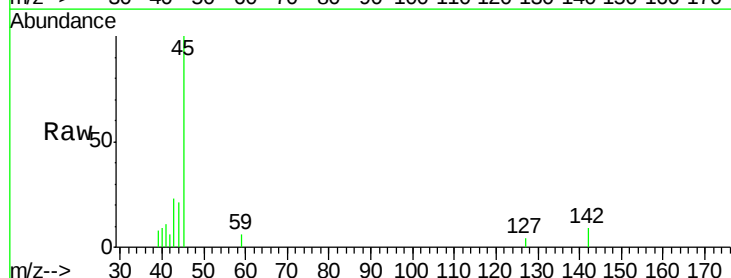
Tgt Ion: 142 Resp: 319

Ion Ratio Lower Upper

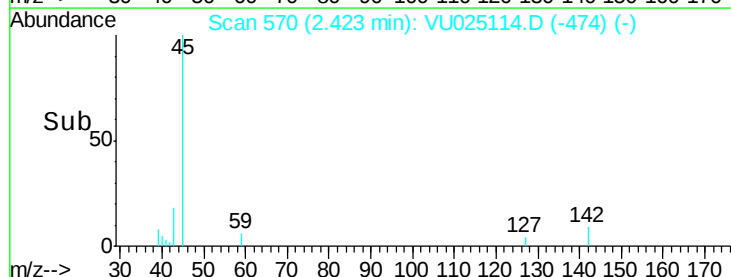
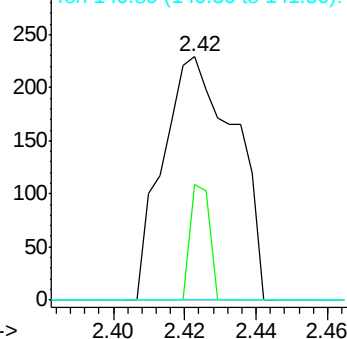
142 100

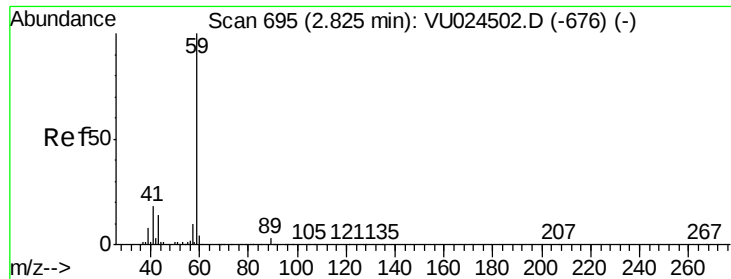
127 12.9 35.6 53.4#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VU025114.D (-474) (-)

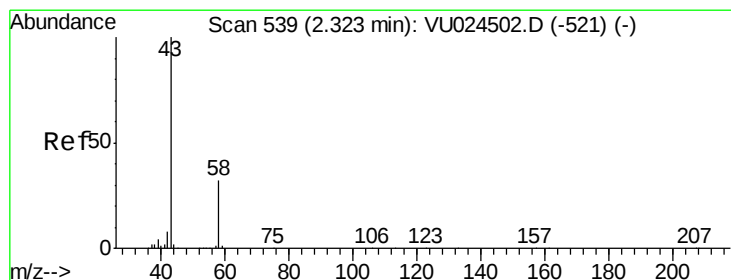
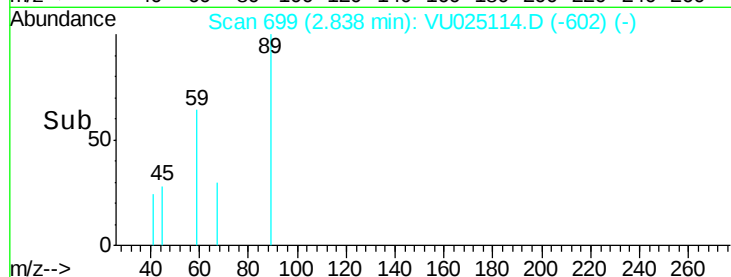
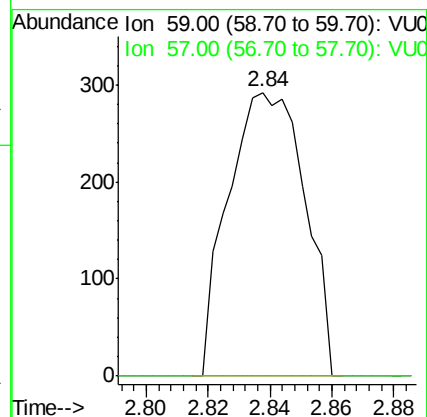
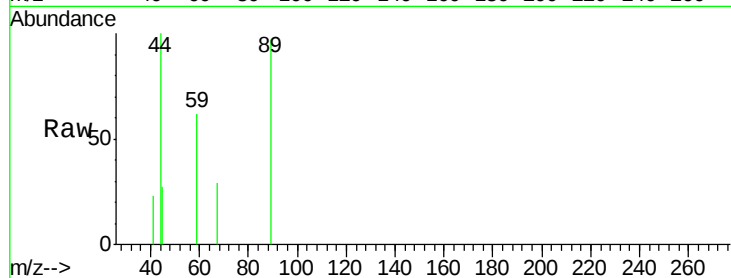




#11
Tert butyl alcohol
Concen: 0.580 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025114.D
Acq: 01 Jul 2018 02:54

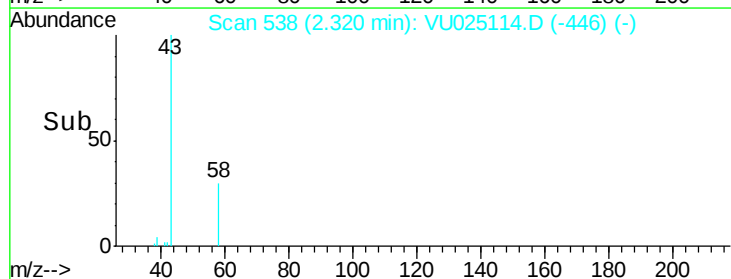
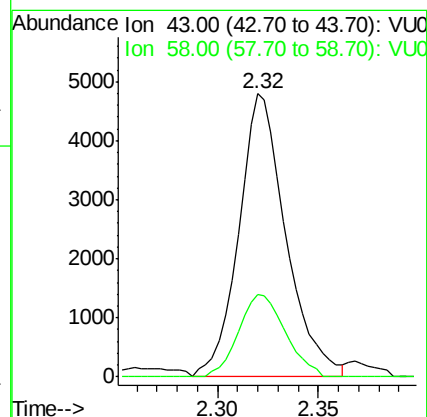
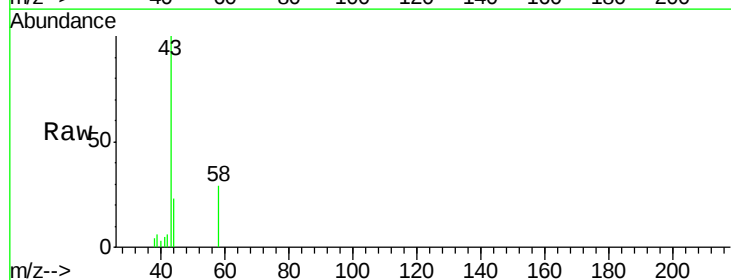
Instrument :
MSVOA_U
ClientSampleId :
207TH-STREET-TRIP-BLANK-1-6-28

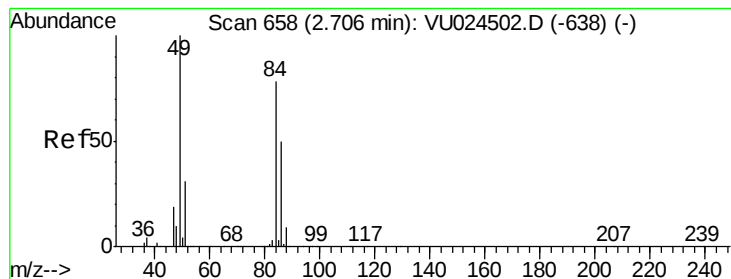
Tgt Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 4.086 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025114.D
Acq: 01 Jul 2018 02:54

Tgt Ion: 43 Resp: 7832
Ion Ratio Lower Upper
43 100
58 29.1 24.4 36.6





#20

Methylene Chloride

Concen: 0.347 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

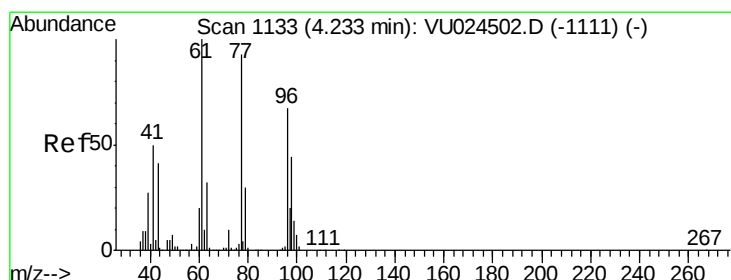
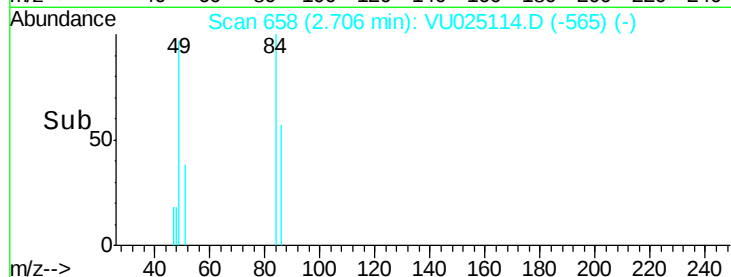
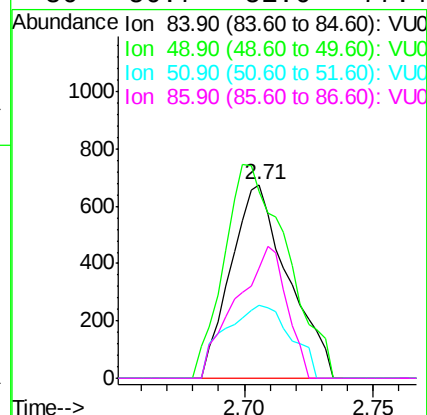
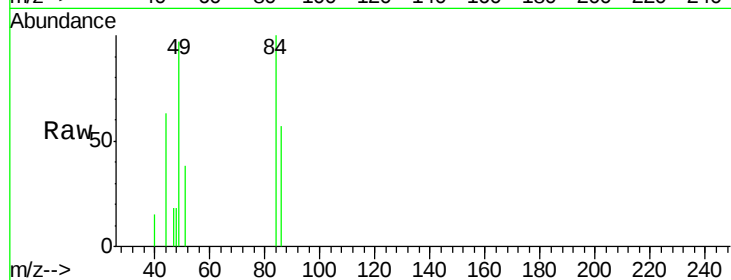
Instrument :

MSVOA_U

ClientSampleId :

207TH-STREET-TRIP-BLANK-1-6-28

Tgt Ion:	84	Resp:	1044
Ion	Ratio	Lower	Upper
84	100		
49	96.7	103.8	155.8#
51	38.1	32.0	48.0
86	56.7	51.6	77.4



#27

cis-1,2-Dichloroethene

Concen: 0.276 ug/l

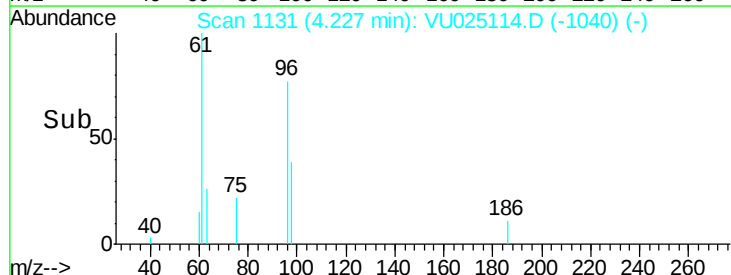
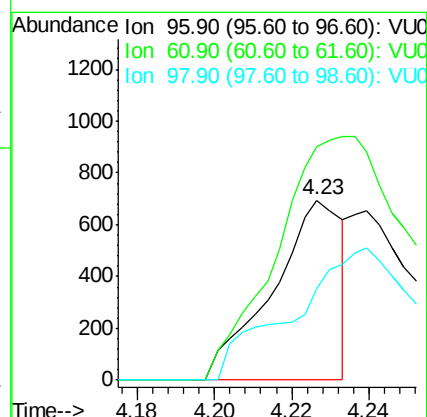
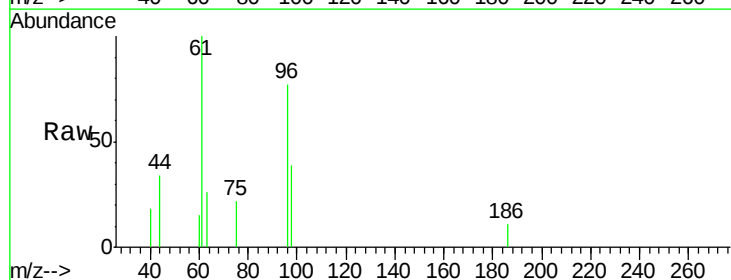
RT: 4.23 min Scan# 1131

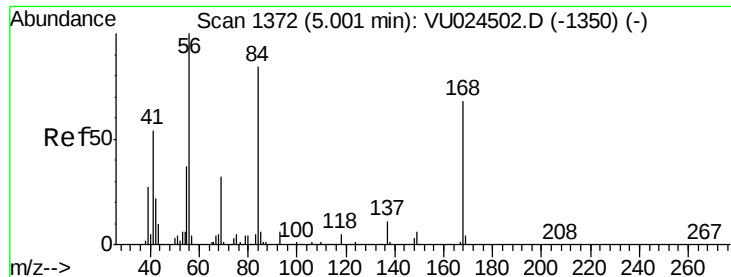
Delta R.T. -0.01 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

Tgt Ion:	96	Resp:	869
Ion	Ratio	Lower	Upper
96	100		
61	264.1	0.0	306.6
98	135.8	0.0	128.8#

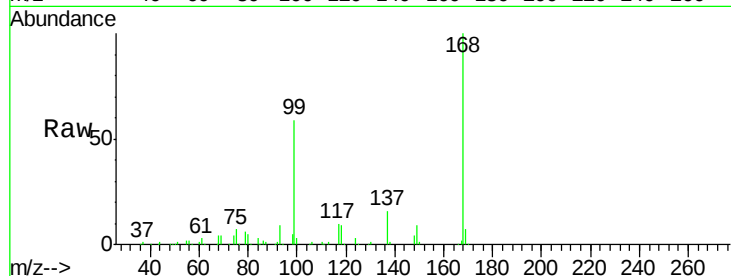




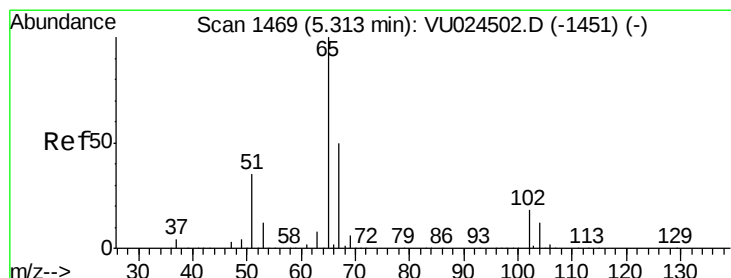
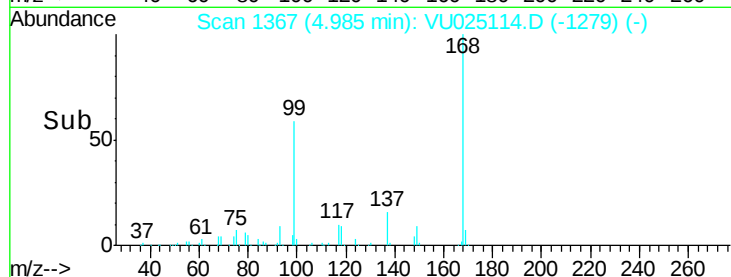
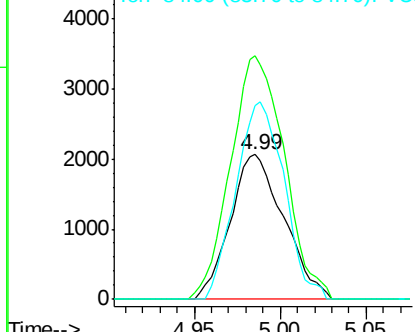
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025114.D
Acq: 01 Jul 2018 02:54

Instrument :
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Tgt Ion: 56 Resp: 4466
Ion Ratio Lower Upper
56 100
69 168.5 24.8 37.2#
84 134.5 65.2 97.8#

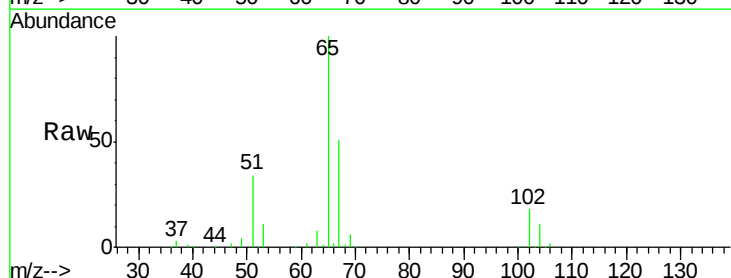


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

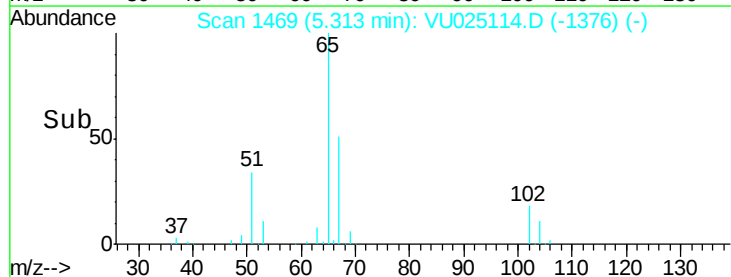
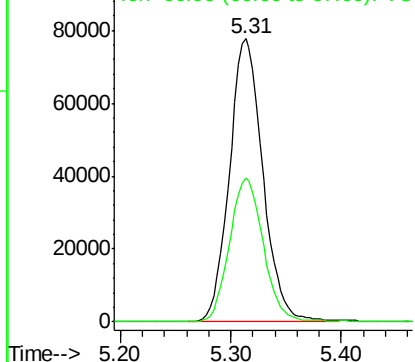


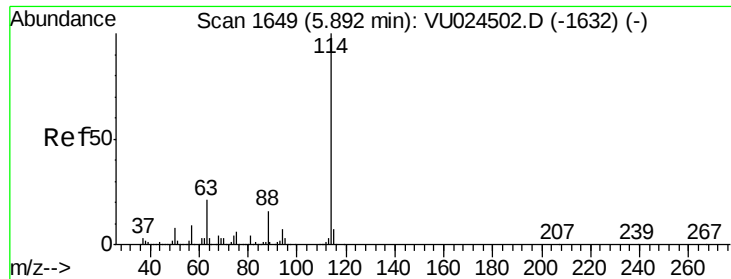
#33
1,2-Dichloroethane-d4
Concen: 45.800 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025114.D
Acq: 01 Jul 2018 02:54

Tgt Ion: 65 Resp: 163404
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

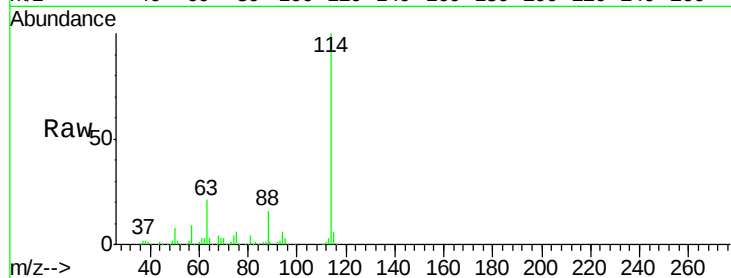




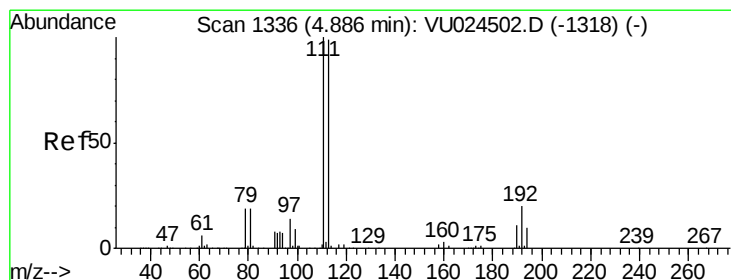
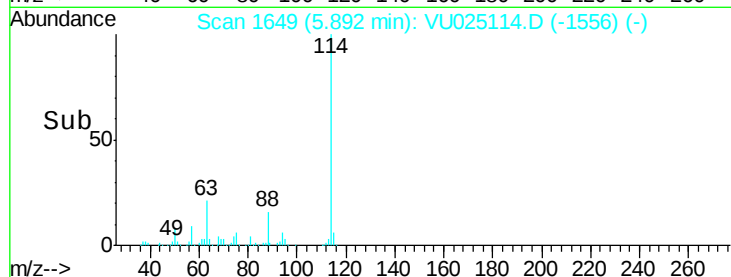
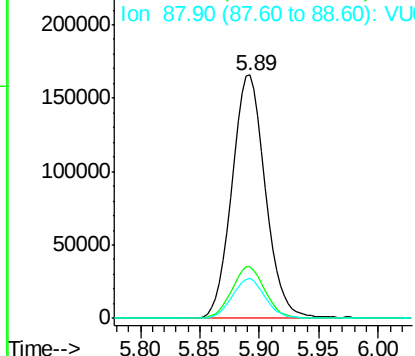
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025114.D
 Acq: 01 Jul 2018 02:54

Instrument :
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Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	45.4
88	16.3	0.0	31.0

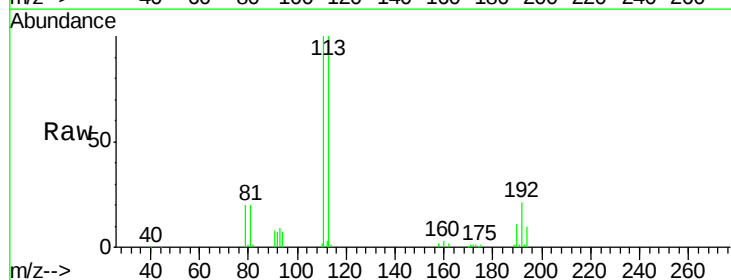


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

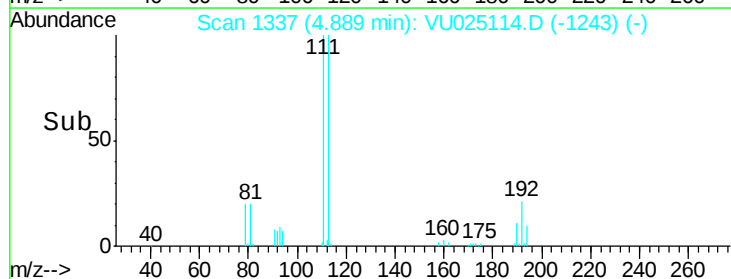
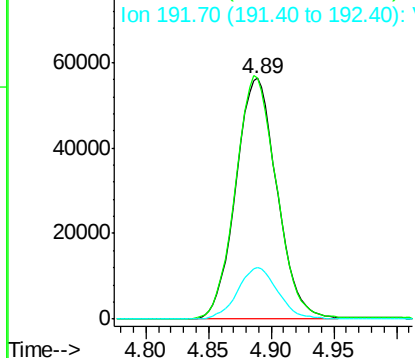


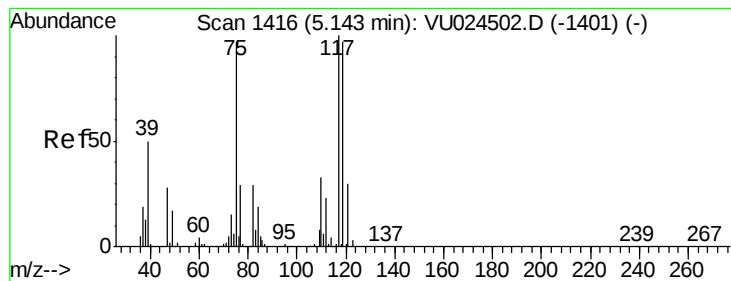
#35
 Dibromofluoromethane
 Concen: 47.949 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025114.D
 Acq: 01 Jul 2018 02:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.4
192	20.9	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: 4.273 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

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ClientSampleId :

207TH-STREET-TRIP-BLANK-1-6-28

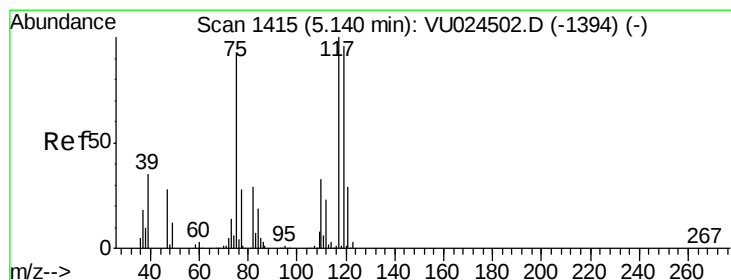
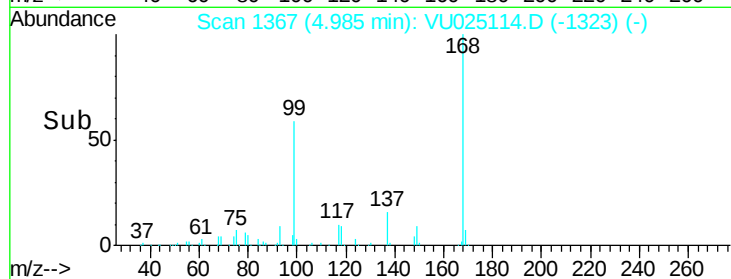
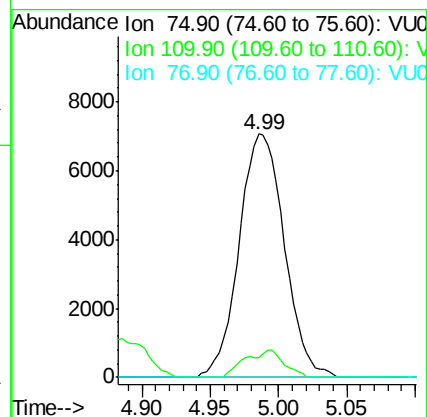
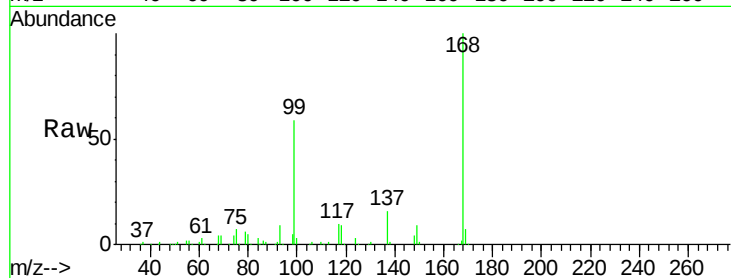
Tgt Ion: 75 Resp: 16242

Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.091 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

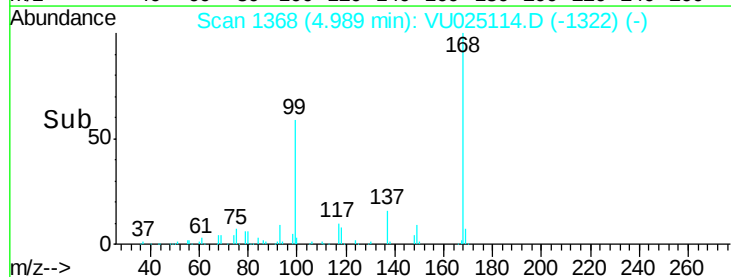
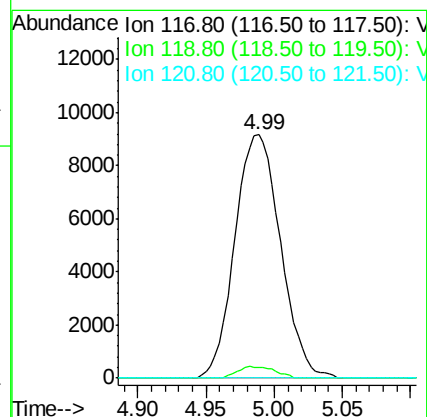
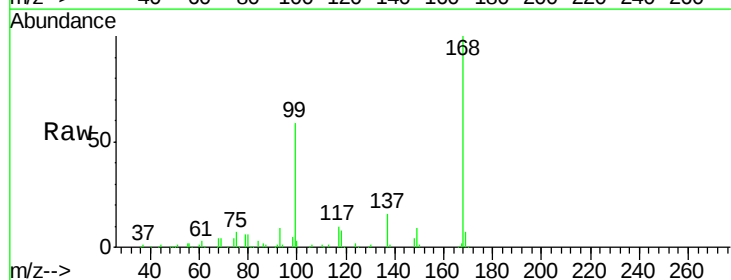
Tgt Ion: 117 Resp: 21283

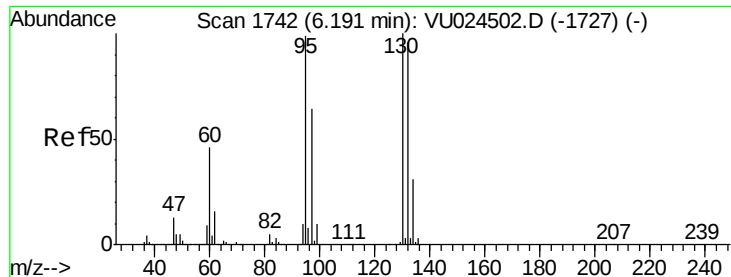
Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 23.7 35.5#





#44

Trichloroethene

Concen: 0.312 ug/l

RT: 6.20 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

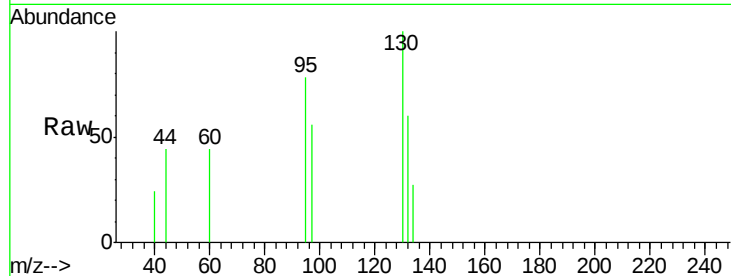
207TH-STREET-TRIP-BLANK-1-6-28

Tgt Ion:130 Resp: 961

Ion Ratio Lower Upper

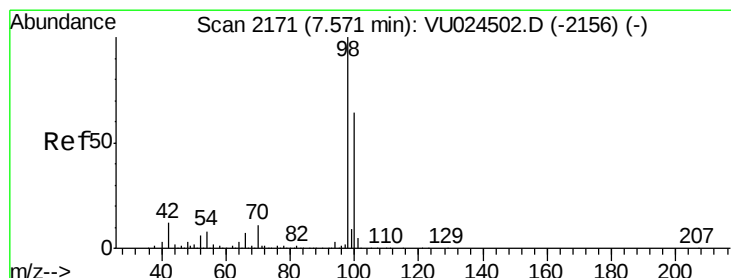
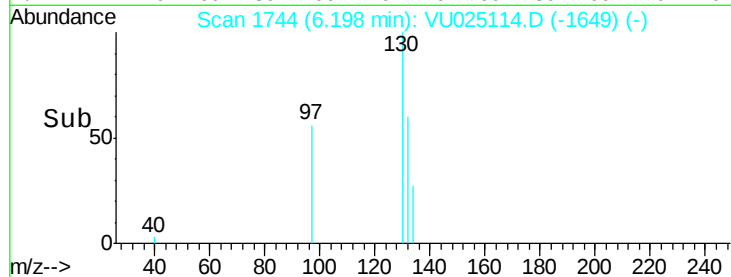
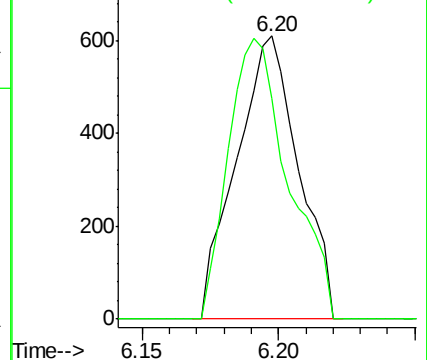
130 100

95 78.2 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: 47.720 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025114.D

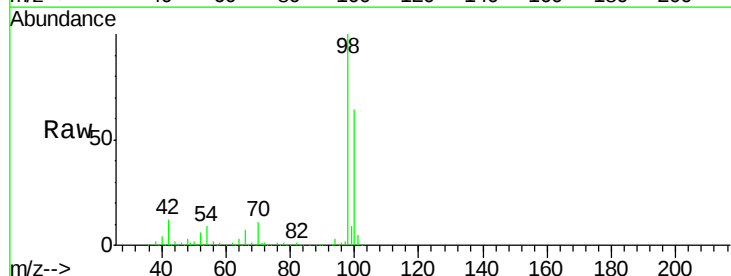
Acq: 01 Jul 2018 02:54

Tgt Ion: 98 Resp: 467316

Ion Ratio Lower Upper

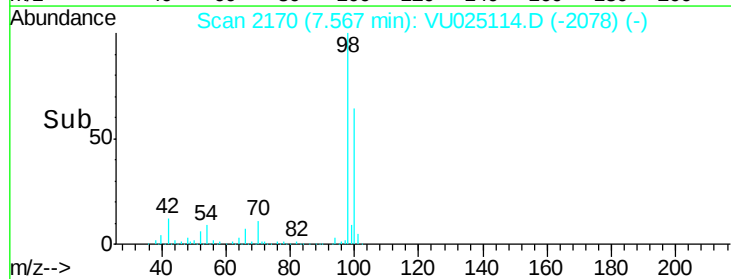
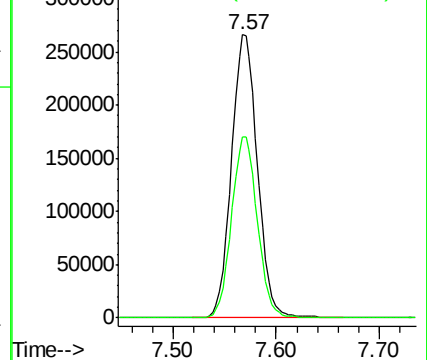
98 100

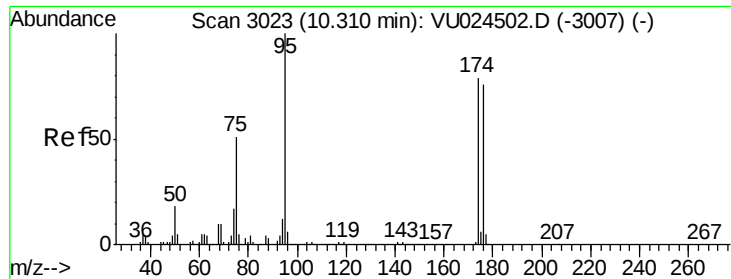
100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.466 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

207TH-STREET-TRIP-BLANK-1-6-28

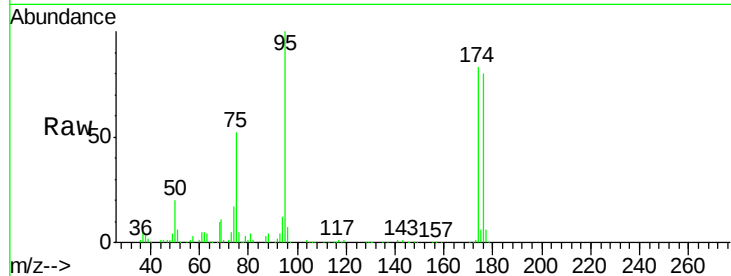
Tgt Ion: 95 Resp: 172890

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

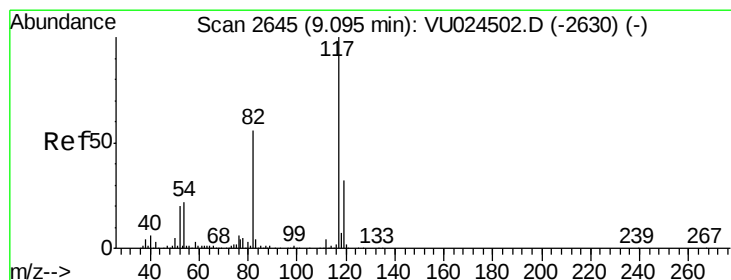
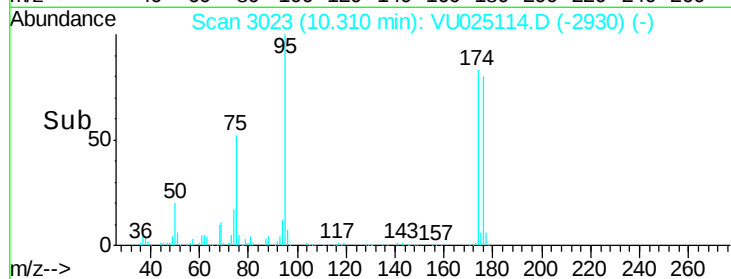
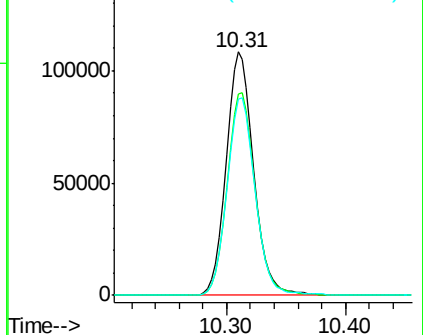
176 83.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025114.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025114.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025114.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

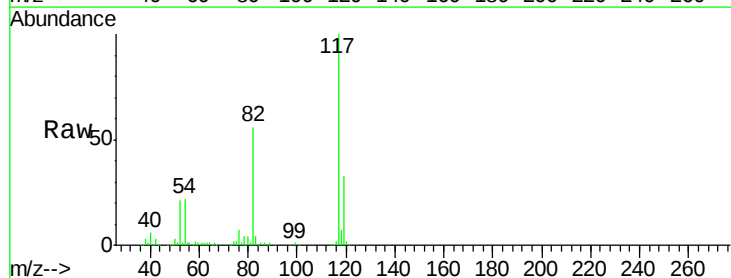
Tgt Ion: 117 Resp: 300458

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

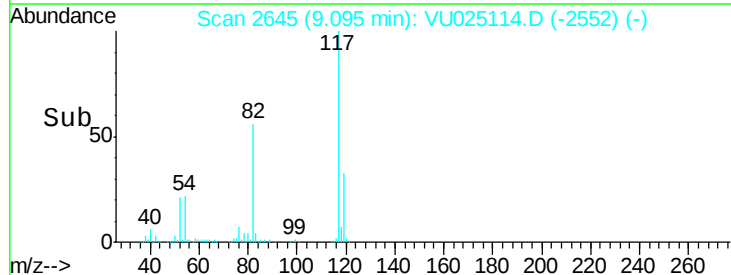
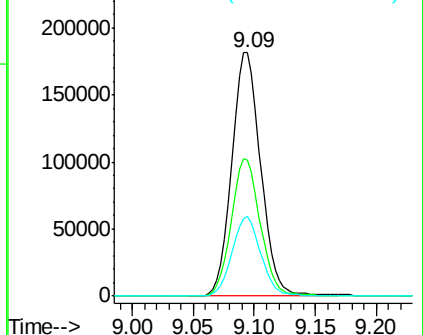
119 32.6 25.4 38.2

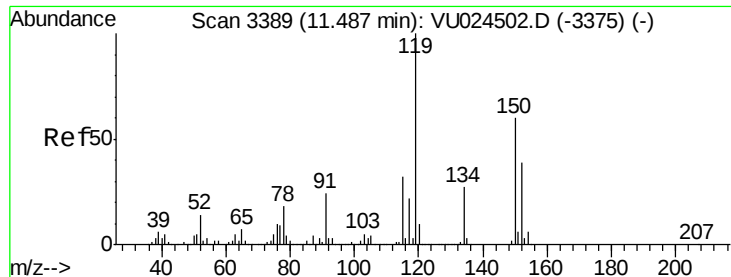


Abundance Ion 116.90 (116.60 to 117.60): VU025114.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025114.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025114.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025114.D

Acq: 01 Jul 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

207TH-STREET-TRIP-BLANK-1-6-28

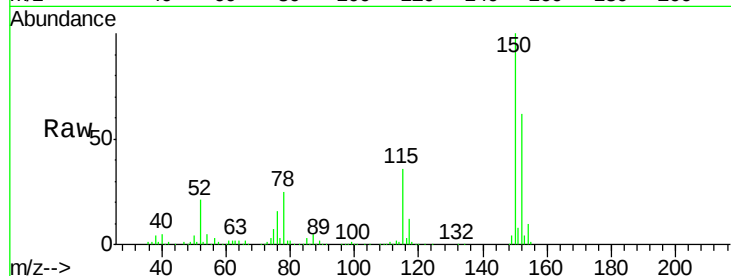
Tgt Ion:152 Resp: 154872

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

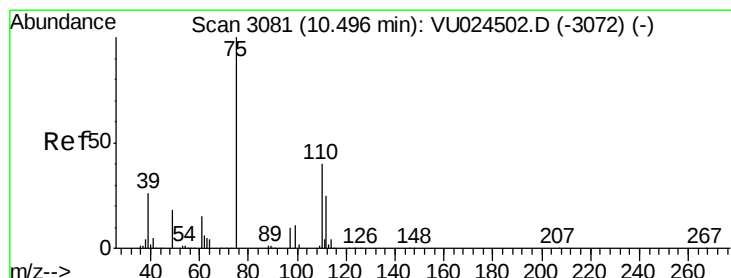
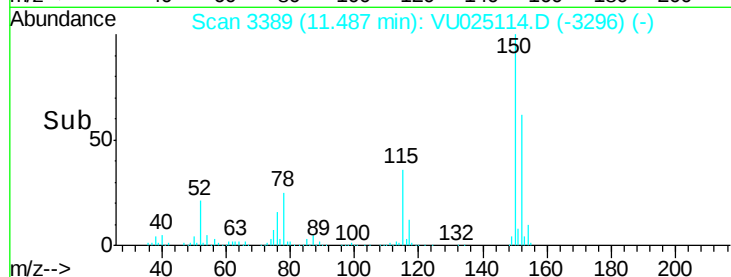
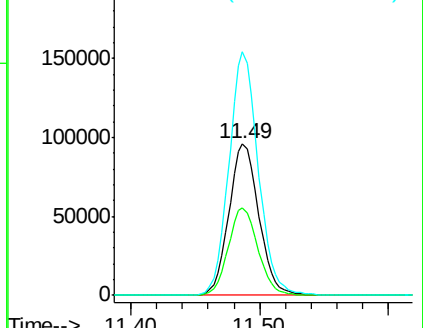
150 157.1 0.0 354.0



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: 26.676 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025114.D

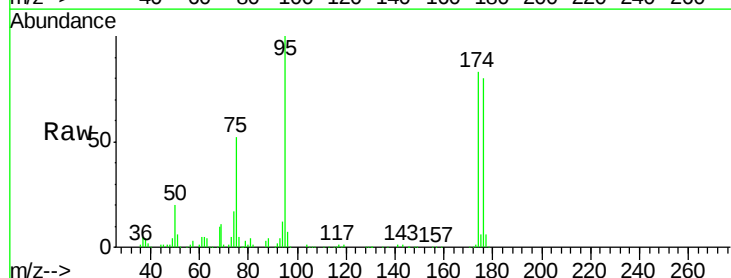
Acq: 01 Jul 2018 02:54

Tgt Ion: 75 Resp: 90958

Ion Ratio Lower Upper

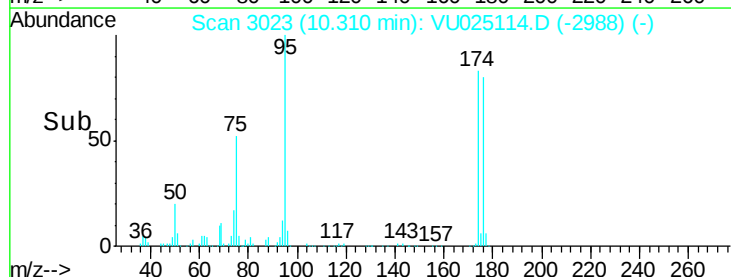
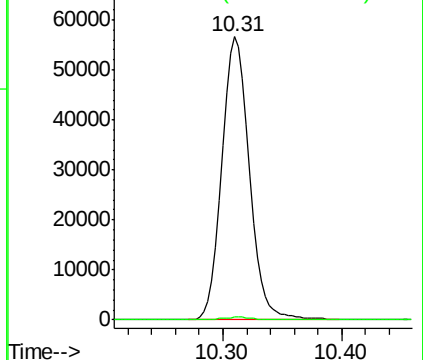
75 100

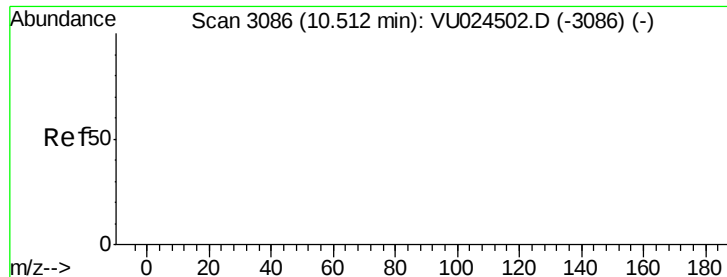
77 1.0 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

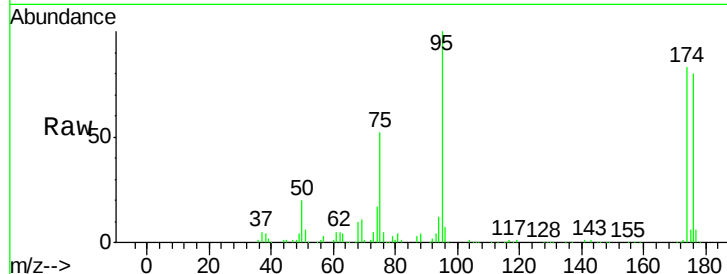




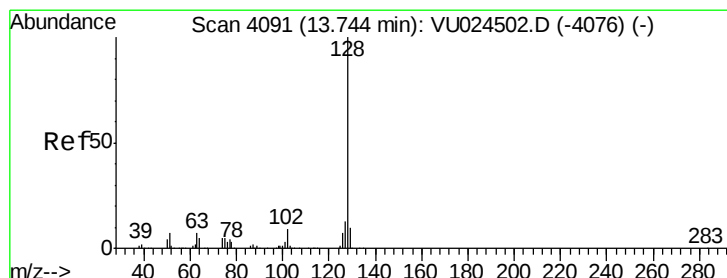
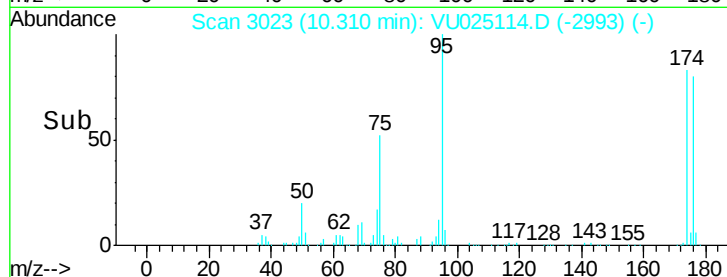
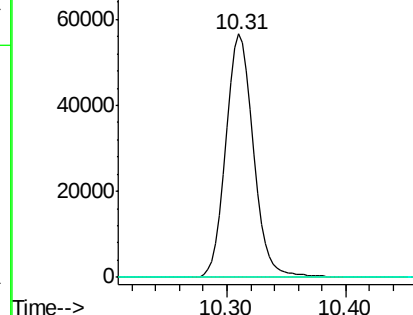
#81
trans-1,4-Dichloro-2-butene
Concen: 61.740 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025114.D
Acq: 01 Jul 2018 02:54

Instrument :
MSVOA_U
ClientSampleId :
207TH-STREET-TRIP-BLANK-1-6-28

Tgt Ion: 75 Resp: 90958
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

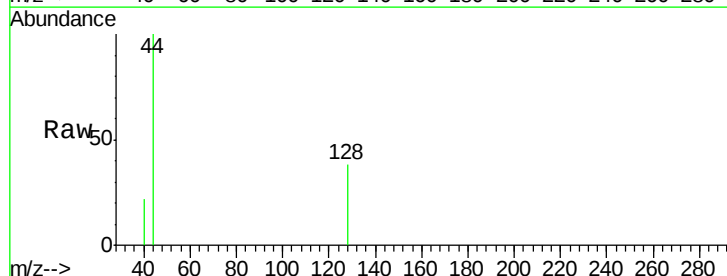


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0



#95
Naphthalene
Concen: 0.694 ug/l
RT: 13.76 min Scan# 4096
Delta R.T. 0.02 min
Lab File: VU025114.D
Acq: 01 Jul 2018 02:54

Tgt Ion: 128 Resp: 173
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 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

