

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028628.D
 Acq On : 11 Dec 2018 23:40
 Operator : MD/SY
 Sample : J6298-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

Quant Time: Dec 12 05:46:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	77546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	140429	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	57173	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	65623	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	
35) Dibromofluoromethane	4.88	113	46364	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
50) Toluene-d8	7.56	98	185853	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	10.30	95	64259	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

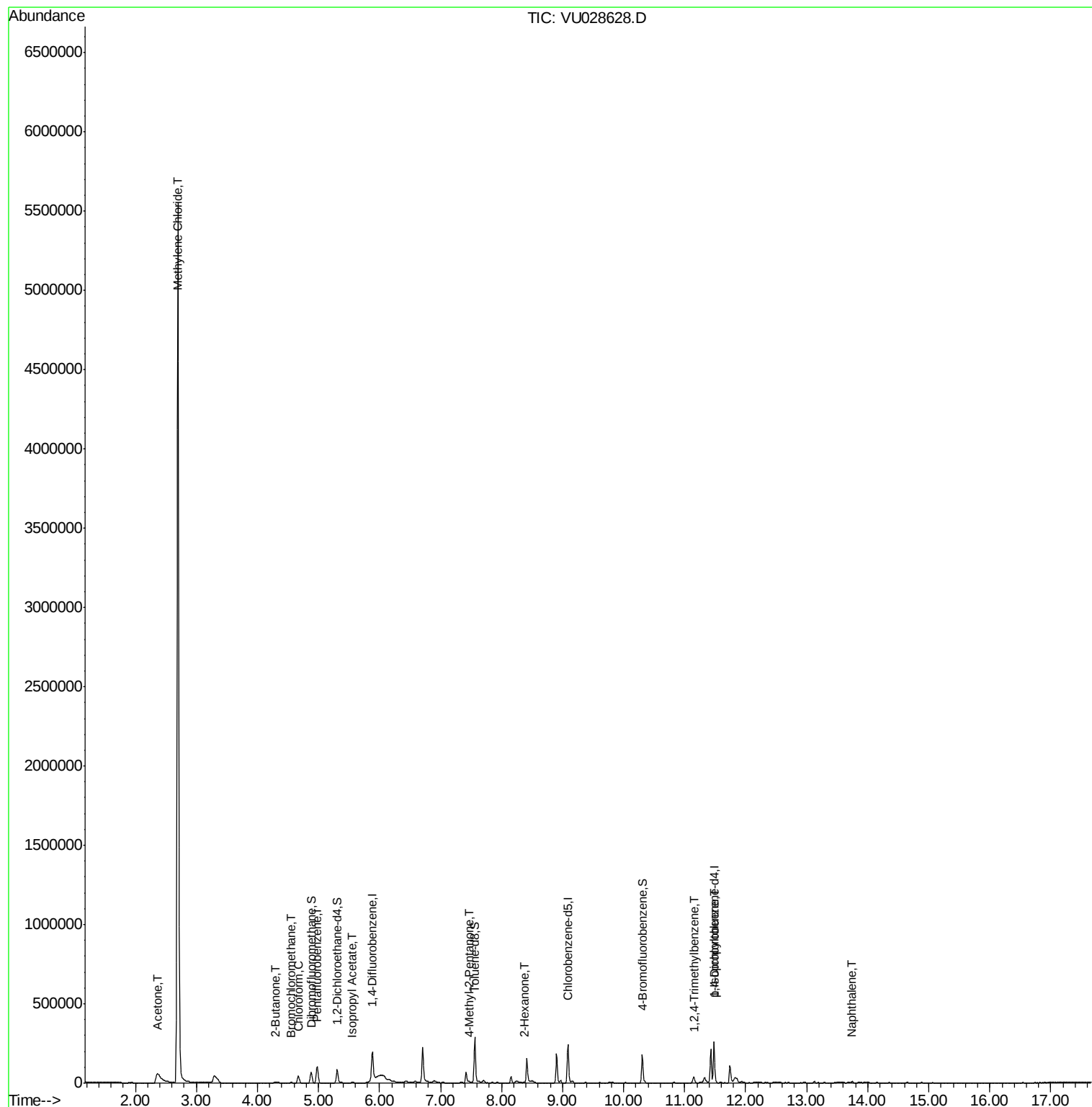
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.36	43	247995	321.144	ug/l	100
20) Methylene Chloride	2.70	84	2213339	1944.300	ug/l	97
25) 2-Butanone	4.30	43	28190	26.712	ug/l	96
28) Bromochloromethane	4.55	49	3965	4.195	ug/l #	95
30) Chloroform	4.67	83	41644	22.981	ug/l	98
43) Isopropyl Acetate	5.56	43	8251	2.626	ug/l #	95
51) 4-Methyl-2-Pentanone	7.46	43	6641	3.351	ug/l	94
59) 2-Hexanone	8.37	43	3154	2.008	ug/l	85
84) 1,2,4-Trimethylbenzene	11.15	105	13300	3.554	ug/l #	64
86) p-Isopropyltoluene	11.48	119	16257	4.256	ug/l	97
95) Naphthalene	13.74	128	5259	1.131	ug/l #	94

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028628.D

Acq: 11 Dec 2018 23:40

Instrument :

MSVOA_U

ClientSampleId :

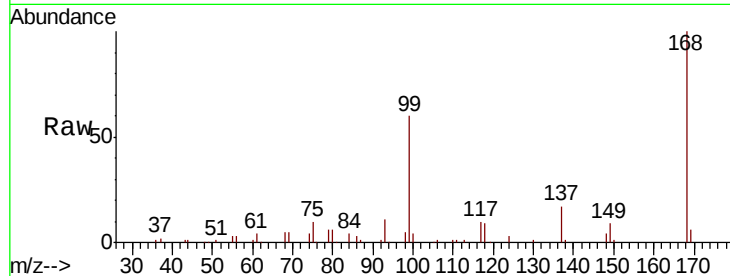
BUS-WASH-2ND-FLOOR

Tot Ion:168 Resp: 77546

Ion Ratio Lower Upper

168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028628.D (-1092) (-)

4.98

30000

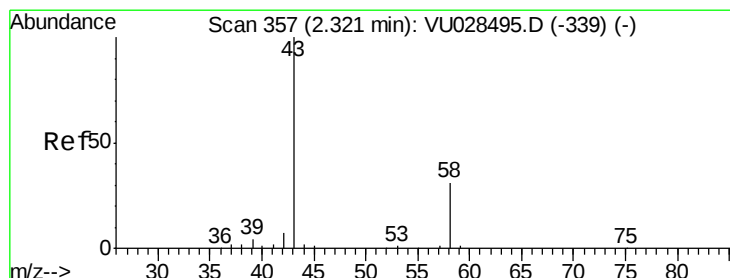
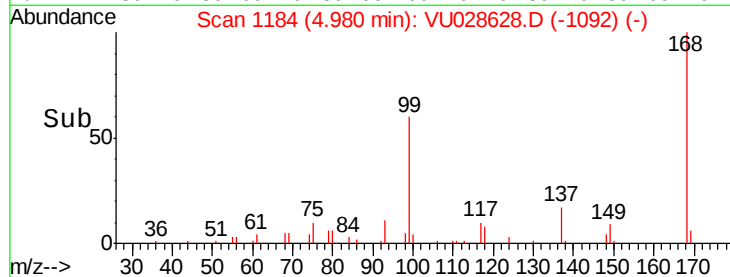
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 321.144 ug/l

RT: 2.36 min Scan# 369

Delta R.T. 0.04 min

Lab File: VU028628.D

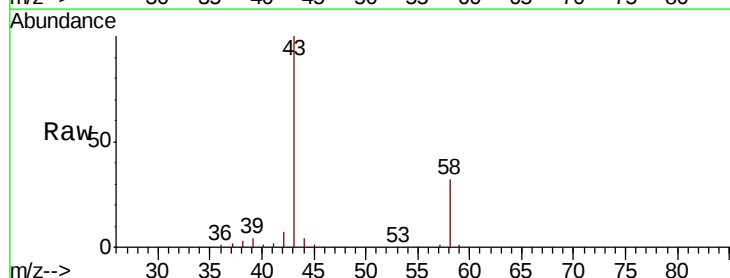
Acq: 11 Dec 2018 23:40

Tgt Ion: 43 Resp: 247995

Ion Ratio Lower Upper

43 100

58 30.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028628.D (-264) (-)

2.36

40000

30000

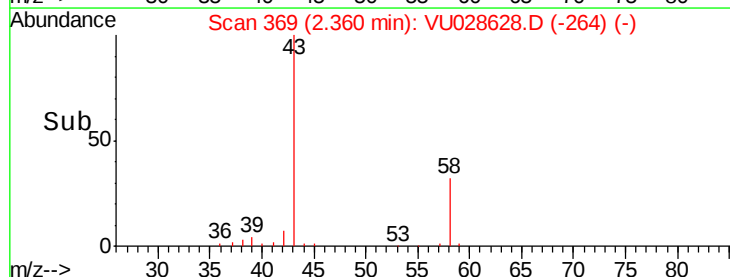
20000

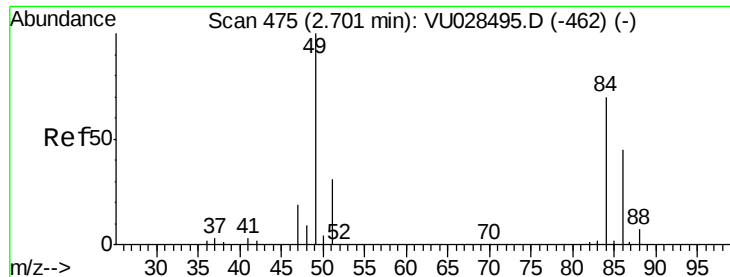
10000

0

2.20 2.40 2.60

Time-->





#20

Methvlene Chloride

Concen: 1944.300 ug/l

RT: 2.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: VU028628.D

Acq: 11 Dec 2018 23:40

Instrument :

MSVOA_U

ClientSampleId :

BUS-WASH-2ND-FLOOR

Tot Ion: 84 Resp: 2213339

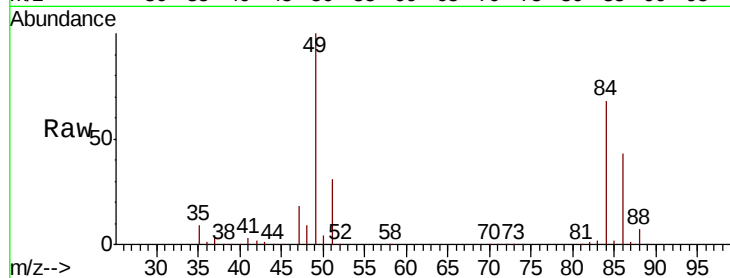
Ion Ratio Lower Upper

84 100

49 148.0 114.0 171.0

51 45.6 35.1 52.7

86 64.0 51.0 76.6

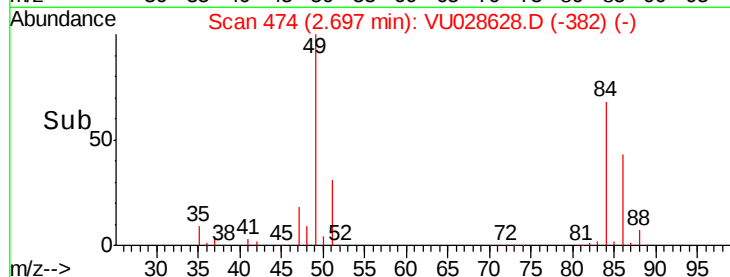


Abundance Ion 83.90 (83.60 to 84.60): VU0

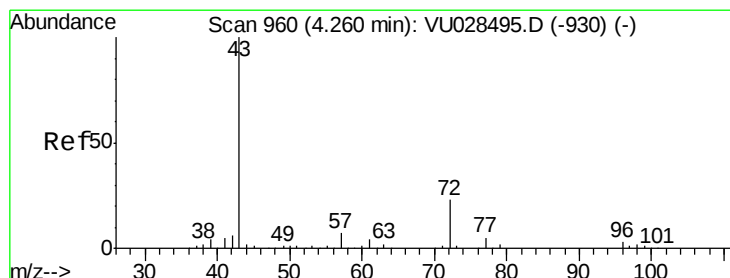
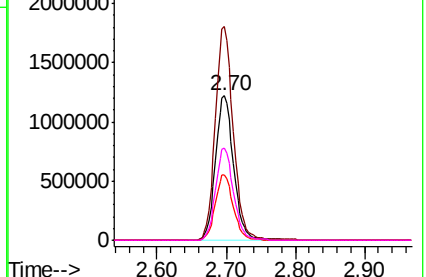
Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



Time-->



#25

2-Butanone

Concen: 26.712 ug/l

RT: 4.30 min Scan# 972

Delta R.T. 0.04 min

Lab File: VU028628.D

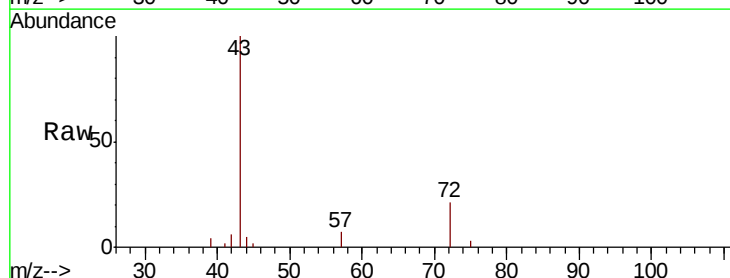
Acq: 11 Dec 2018 23:40

Tgt Ion: 43 Resp: 28190

Ion Ratio Lower Upper

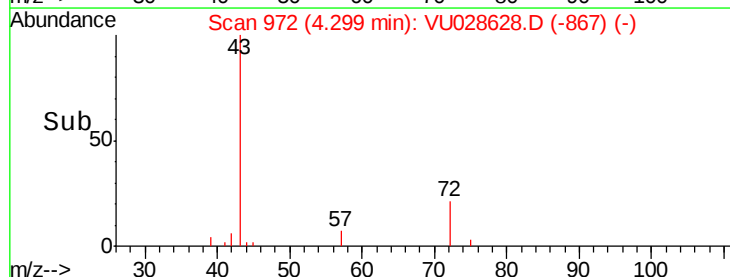
43 100

72 21.2 18.6 28.0

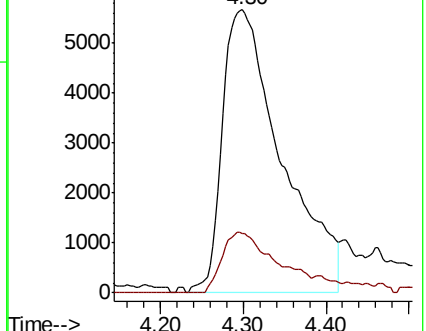


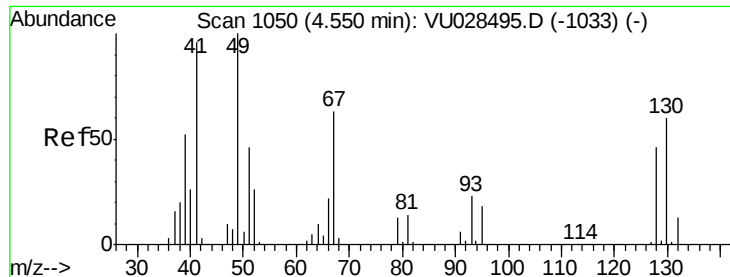
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->





#28

Bromochloromethane

Concen: 4.195 ug/l

RT: 4.55 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU028628.D

Acq: 11 Dec 2018 23:40

Instrument :

MSVOA_U

ClientSampleId :

BUS-WASH-2ND-FLOOR

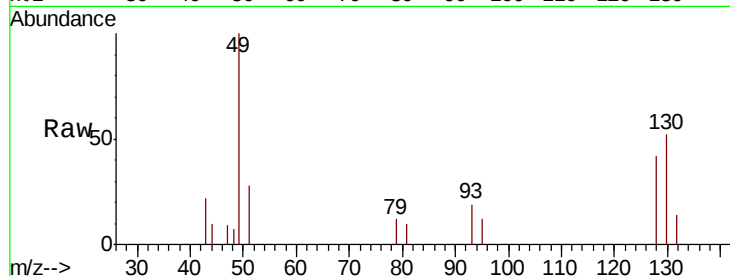
Tot Ion: 49 Resp: 3965

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

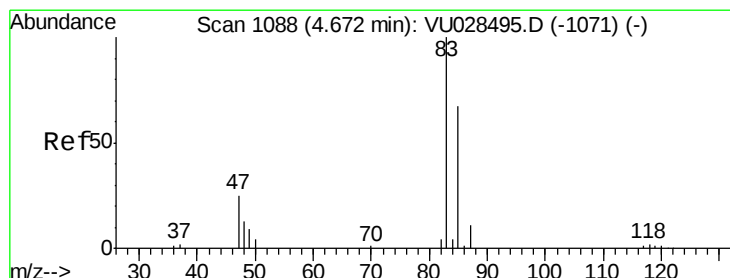
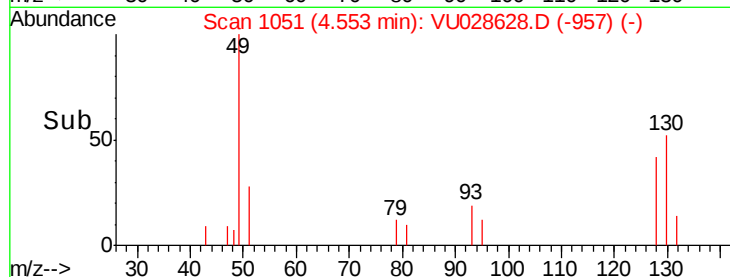
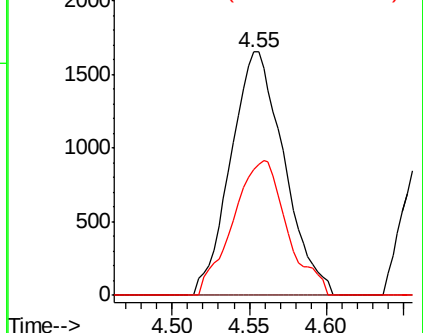
130 56.1 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU028628.D (-957) (-)

Ion 128.80 (128.50 to 129.50): VU028628.D (-957) (-)

Ion 129.80 (129.50 to 130.50): VU028628.D (-957) (-)



#30

Chloroform

Concen: 22.981 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU028628.D

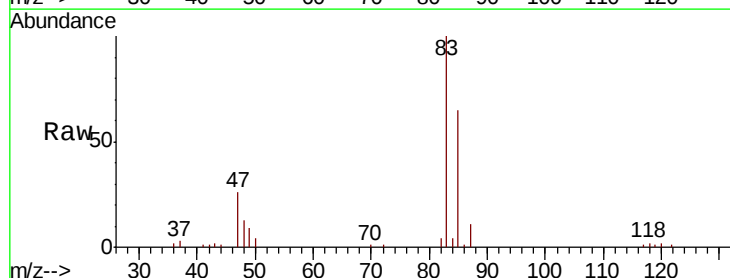
Acq: 11 Dec 2018 23:40

Tgt Ion: 83 Resp: 41644

Ion Ratio Lower Upper

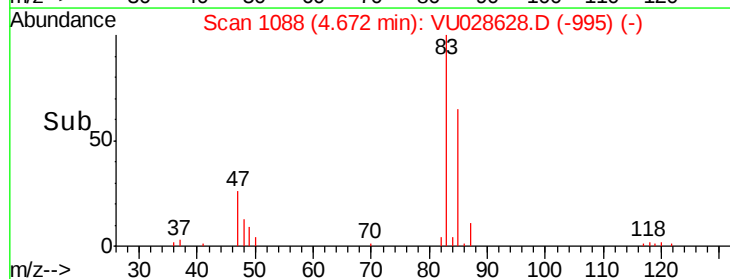
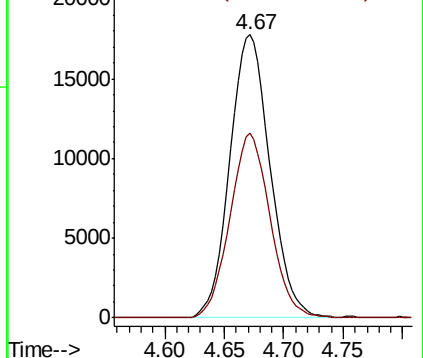
83 100

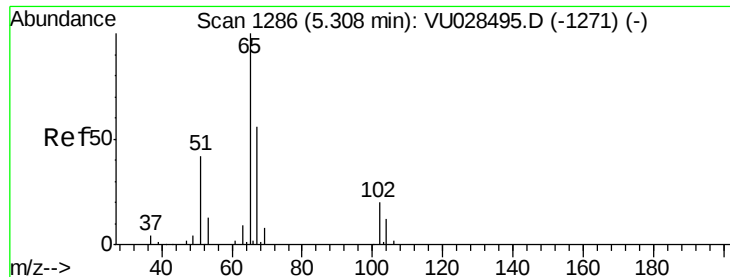
85 65.5 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VU028628.D (-995) (-)

Ion 84.90 (84.60 to 85.60): VU028628.D (-995) (-)

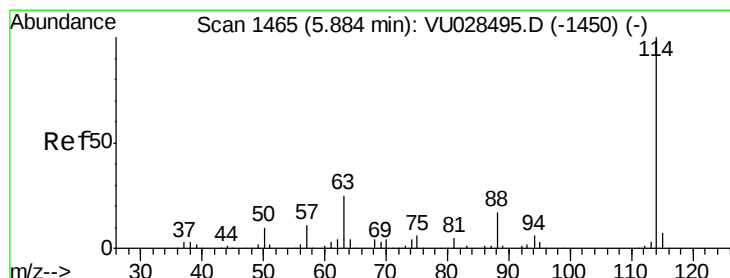
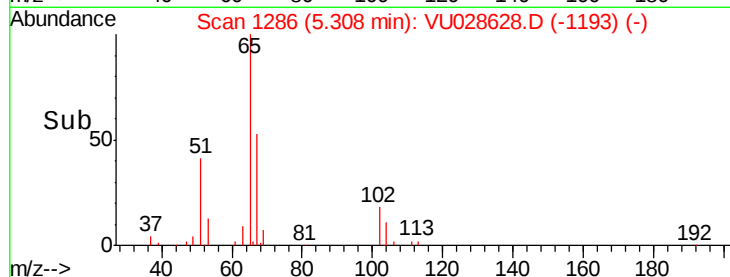
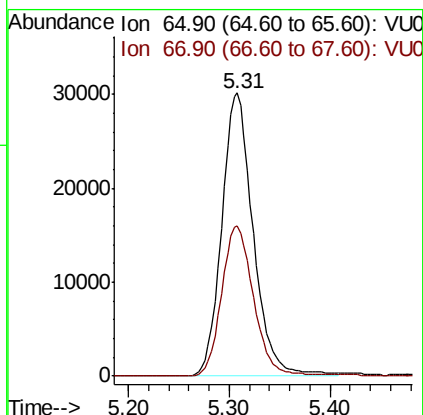
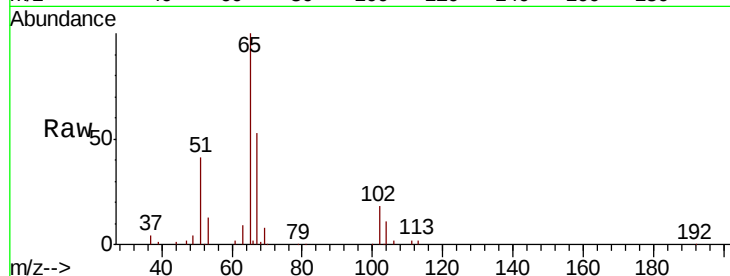




#33
 1,2-Dichloroethane-d4
 Concen: 55.453 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028628.D
 Acq: 11 Dec 2018 23:40

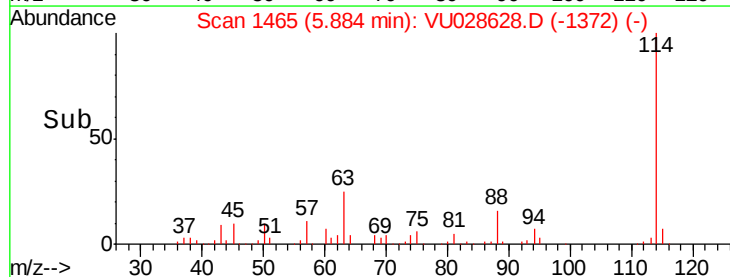
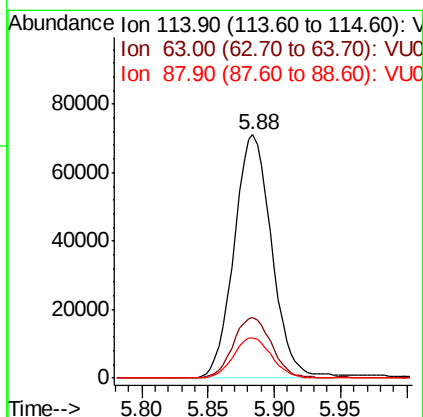
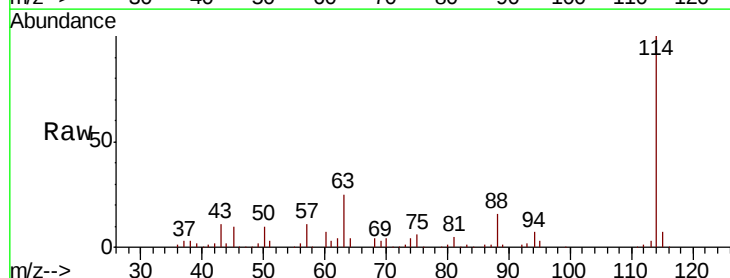
Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

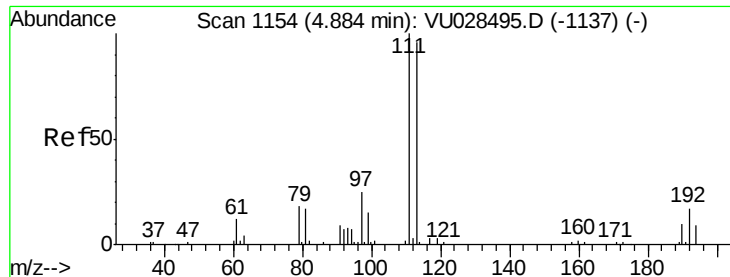
Tot Ion: 65 Resp: 65623
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028628.D
 Acq: 11 Dec 2018 23:40

Tgt Ion: 114 Resp: 140429
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.4 0.0 33.4

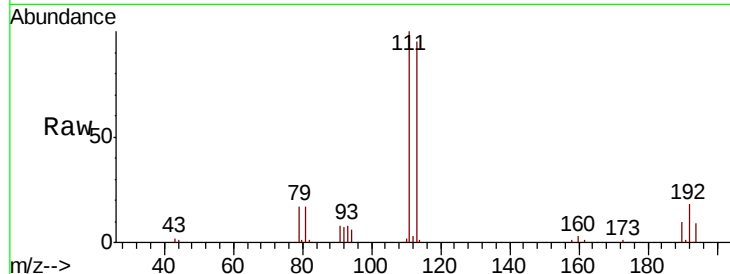




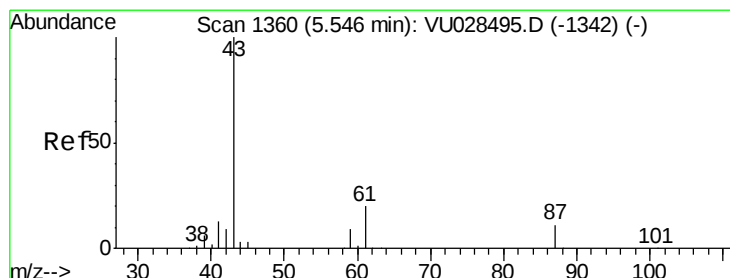
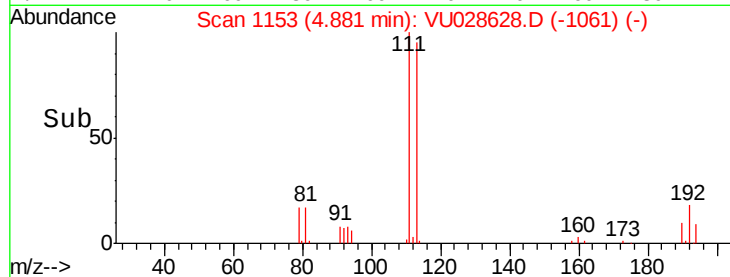
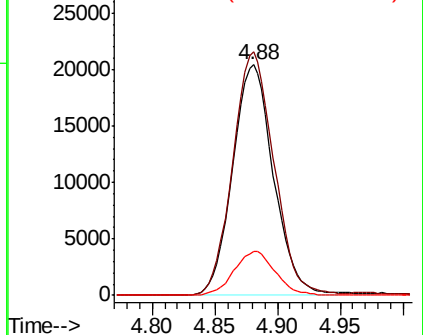
#35
 Dibromofluoromethane
 Concen: 52.464 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028628.D
 Acq: 11 Dec 2018 23:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

Tot Ion:113 Resp: 46364
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.4 125.0
 192 19.1 14.8 22.2

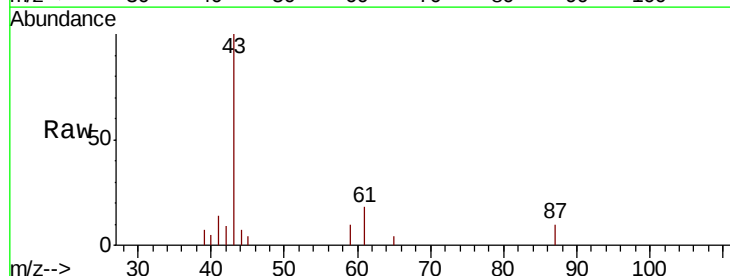


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

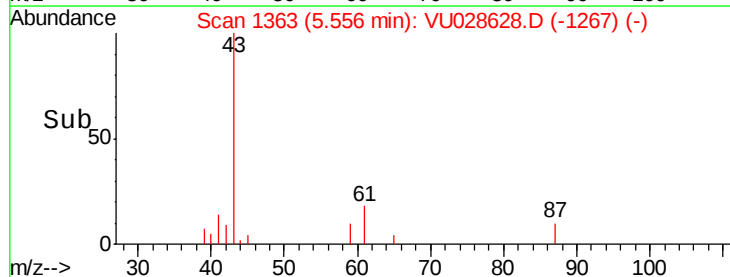
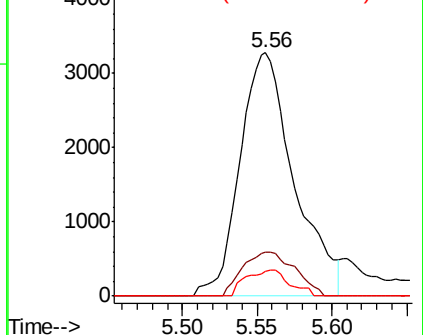


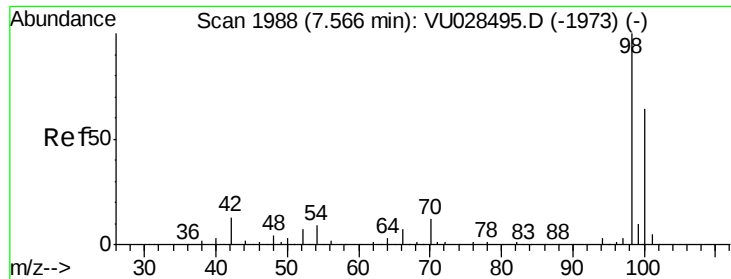
#43
 Isopropyl Acetate
 Concen: 2.626 ug/l
 RT: 5.56 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VU028628.D
 Acq: 11 Dec 2018 23:40

Tgt Ion: 43 Resp: 8251
 Ion Ratio Lower Upper
 43 100
 61 17.5 15.5 23.3
 87 8.5 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0

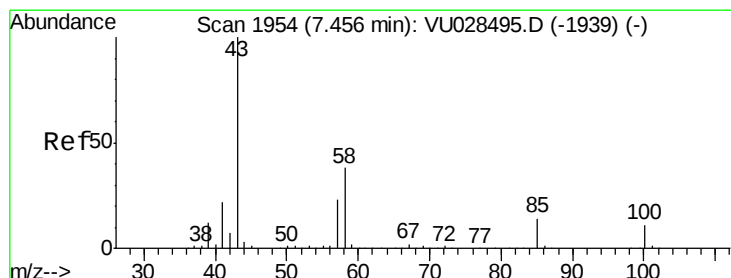
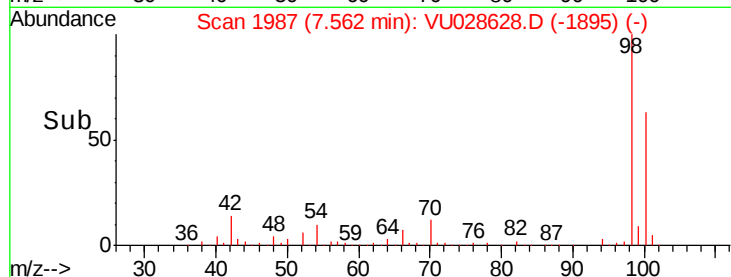
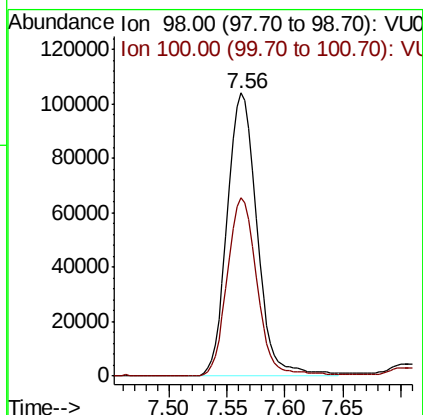
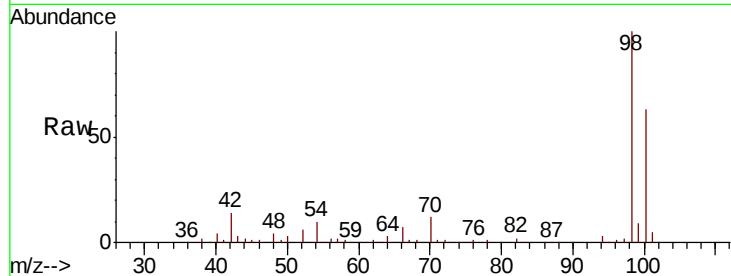




#50
Toluene-d8
Concen: 53.163 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028628.D
Acq: 11 Dec 2018 23:40

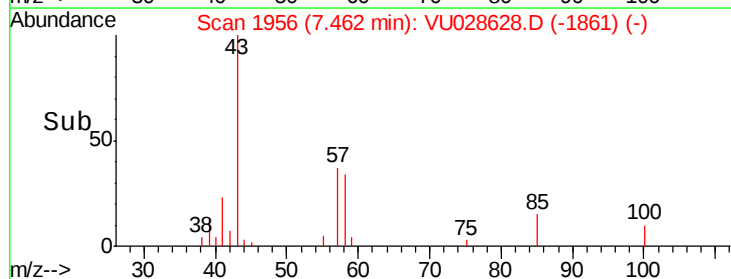
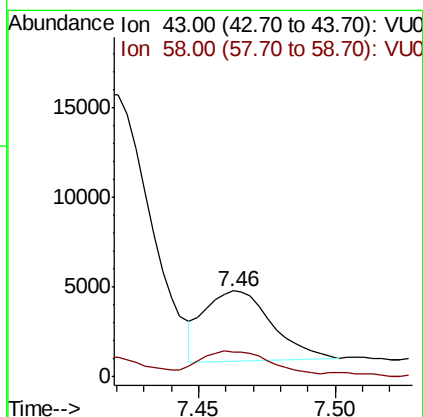
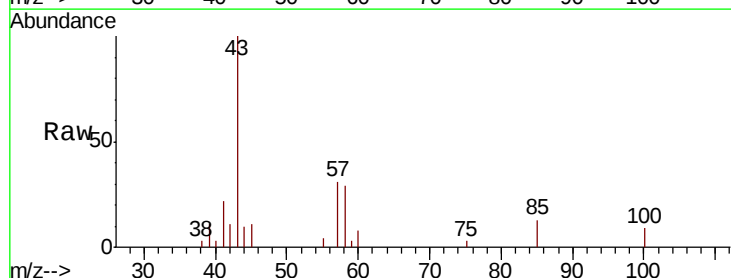
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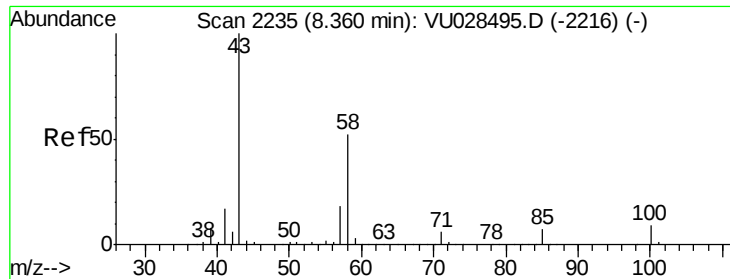
Tot Ion: 98 Resp: 185853
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 3.351 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VU028628.D
Acq: 11 Dec 2018 23:40

Tgt Ion: 43 Resp: 6641
Ion Ratio Lower Upper
43 100
58 34.2 30.2 45.2

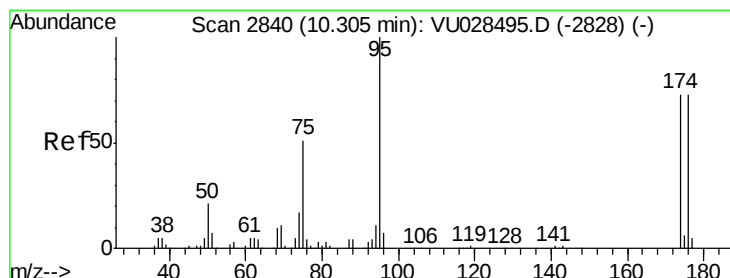
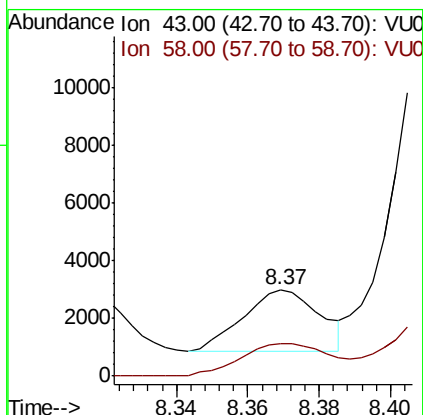
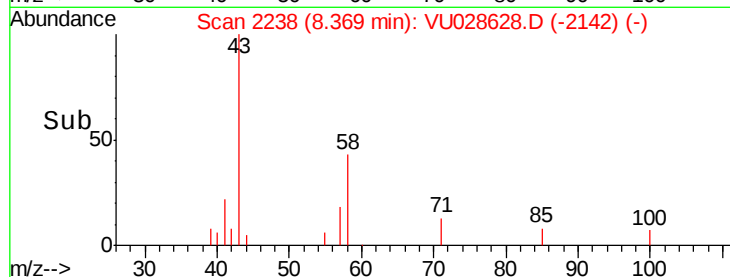
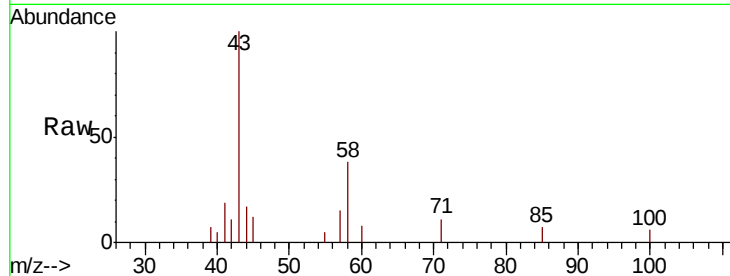




#59
2-Hexanone
Concen: 2.008 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU028628.D
Acq: 11 Dec 2018 23:40

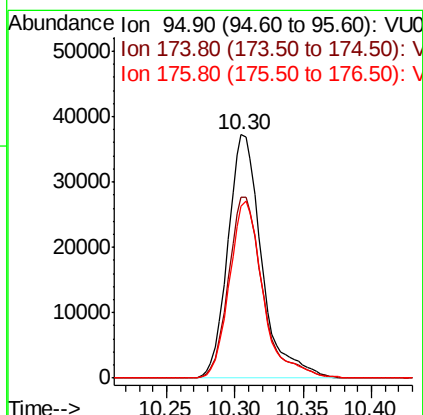
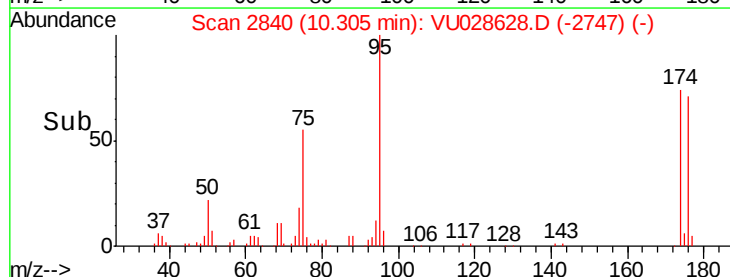
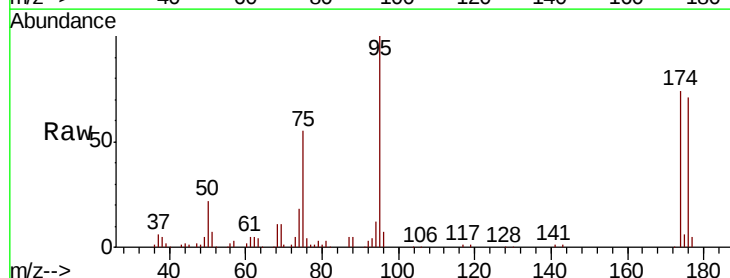
Instrument :
MSVOA_U
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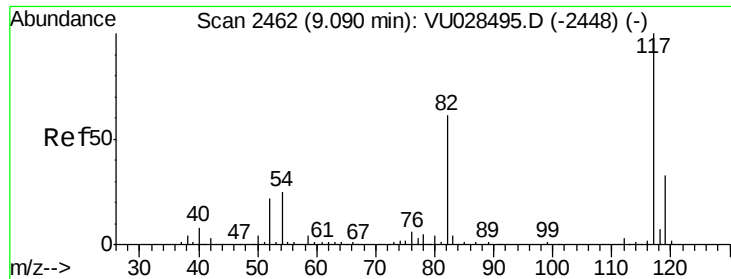
Tot Ion: 43 Resp: 3154
Ion Ratio Lower Upper
43 100
58 62.5 25.9 77.6



#62
4-Bromofluorobenzene
Concen: 49.179 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028628.D
Acq: 11 Dec 2018 23:40

Tgt Ion: 95 Resp: 64259
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.4
176 72.3 0.0 145.2

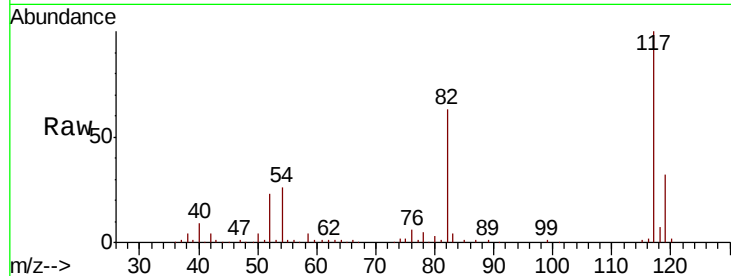




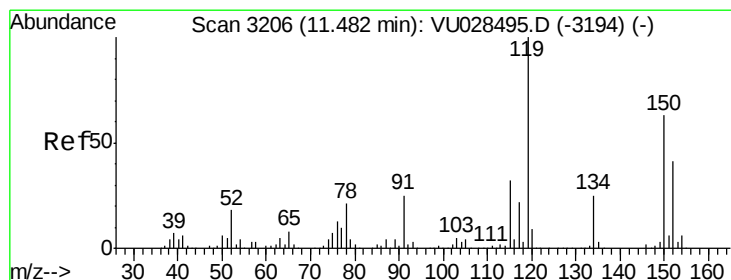
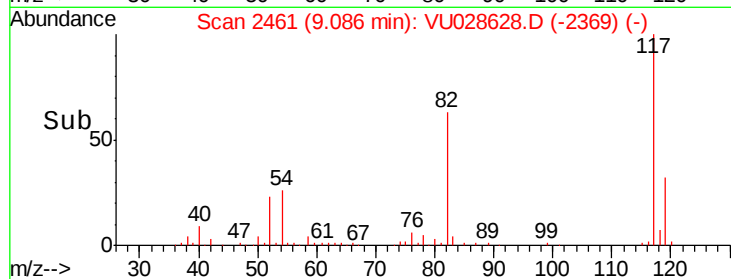
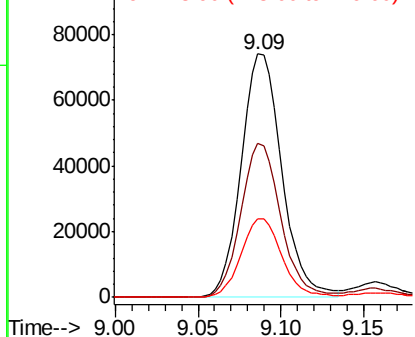
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028628.D
Acq: 11 Dec 2018 23:40

Instrument :
MSVOA_U
ClientSampleId :
BUS-WASH-2ND-FLOOR

Tot Ion:117 Resp: 126640
Ion Ratio Lower Upper
117 100
82 63.0 48.9 73.3
119 32.4 26.2 39.4

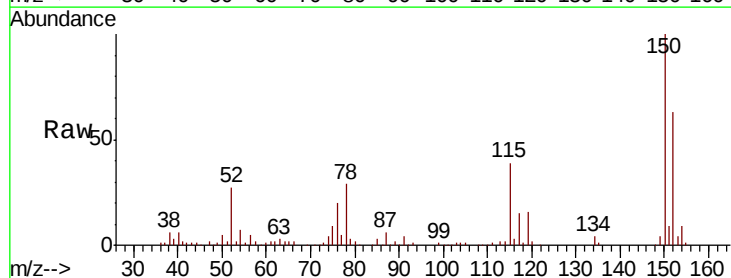


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

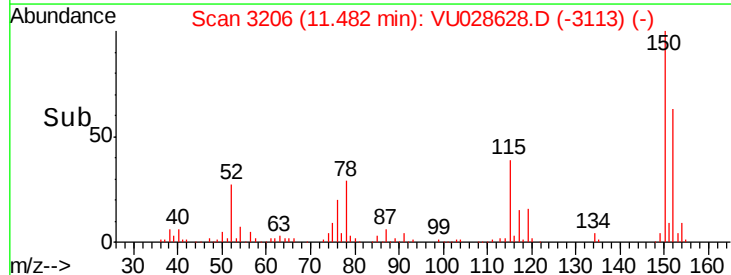
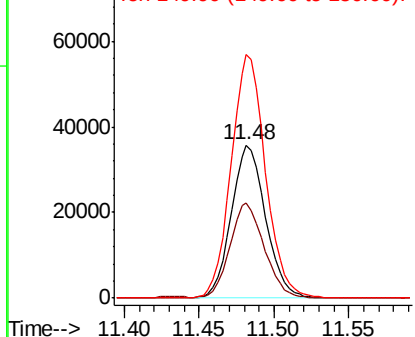


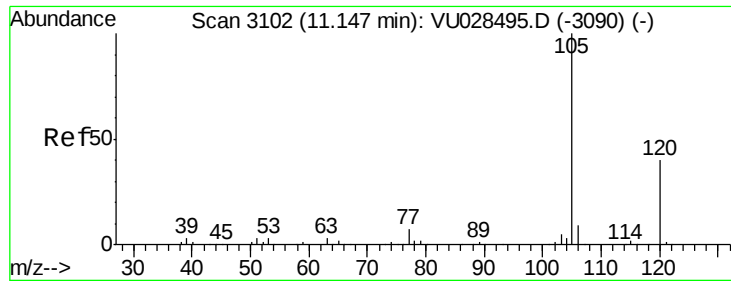
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028628.D
Acq: 11 Dec 2018 23:40

Tgt Ion:152 Resp: 57173
Ion Ratio Lower Upper
152 100
115 62.1 42.7 128.1
150 158.7 0.0 346.0



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





#84

1,2,4-Trimethylbenzene

Concen: 3.554 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028628.D

Acq: 11 Dec 2018 23:40

Instrument :

MSVOA_U

ClientSampleId :

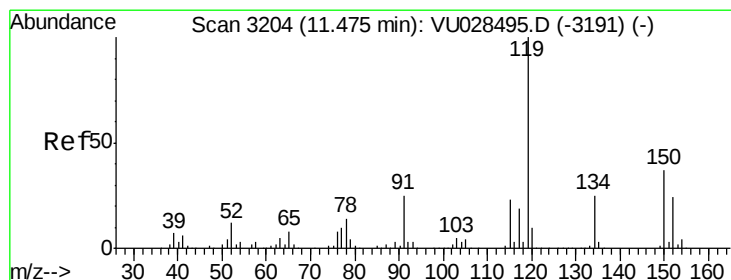
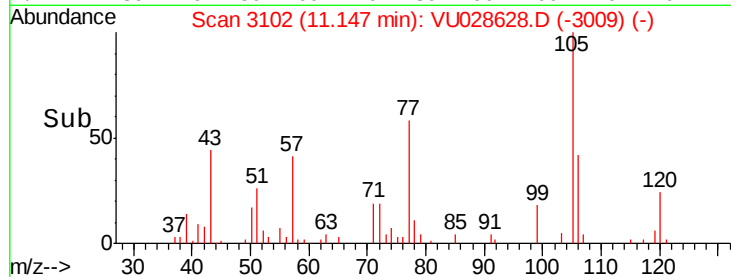
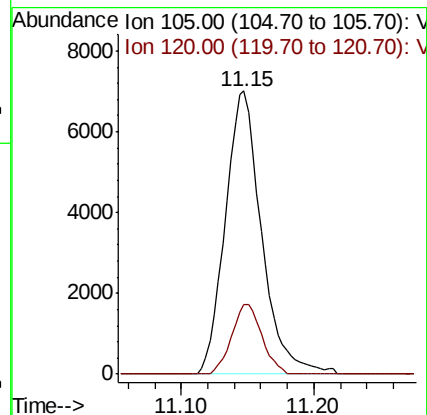
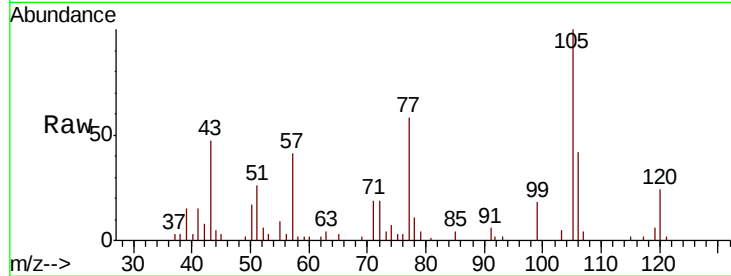
BUS-WASH-2ND-FLOOR

Tot Ion:105 Resp: 13300

Ion Ratio Lower Upper

105 100

120 20.4 21.8 65.4#



#86

p-Isopropyltoluene

Concen: 4.256 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU028628.D

Acq: 11 Dec 2018 23:40

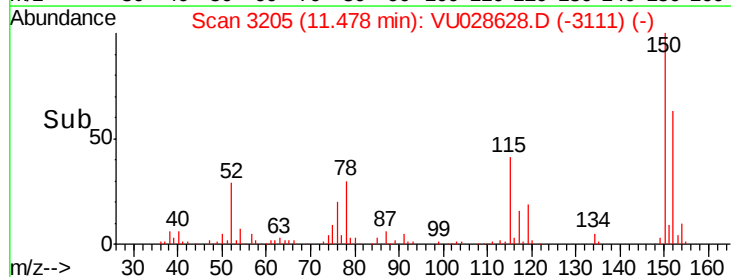
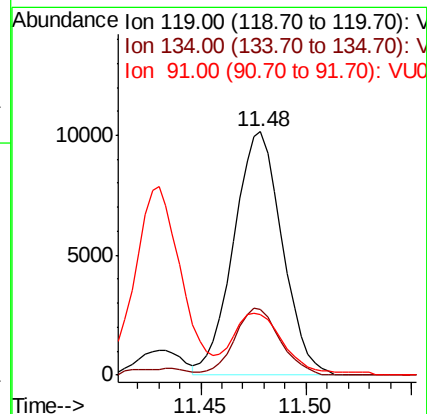
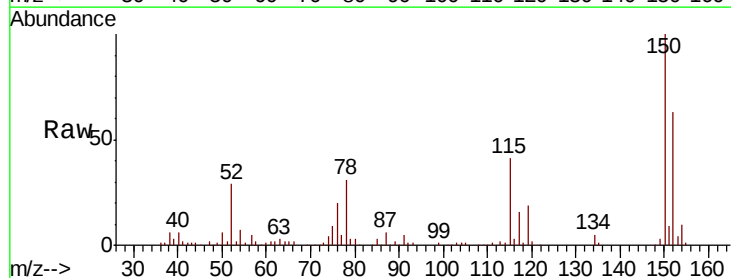
Tgt Ion:119 Resp: 16257

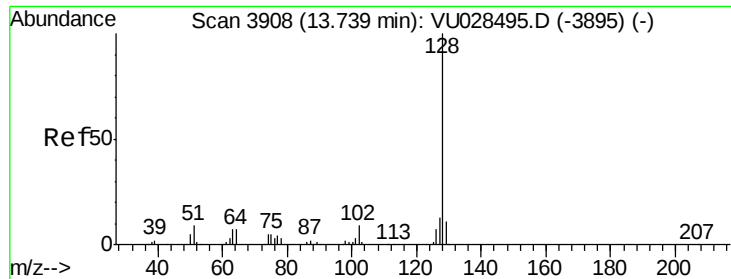
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 27.7 12.6 37.6

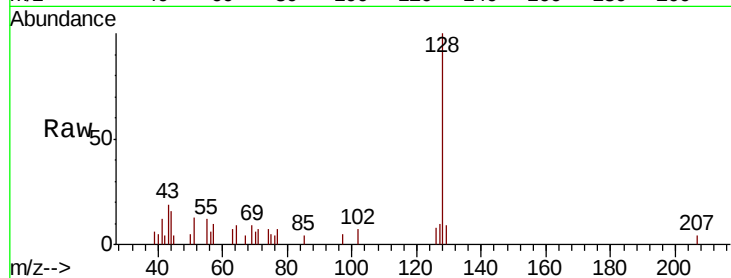




#95
 Naphthalene
 Concen: 1.131 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028628.D
 Acq: 11 Dec 2018 23:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.4	15.6#
129	9.3	8.6	13.0



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

