

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028564.D
 Acq On : 10 Dec 2018 20:24
 Operator : MD/SY
 Sample : J6325-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D3-20181204

Manual Integrations
 APPROVED

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 12/11/2018 12:10:09 PM

Quant Time: Dec 11 04:22:17 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	82802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	153437	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	71838	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
35) Dibromofluoromethane	4.88	113	51920	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	7.57	98	201791	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	10.30	95	65305	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	34628	37.373	ug/l	98
27) cis-1,2-Dichloroethene	4.24	96	1899m	1.616	ug/l	
44) Trichloroethene	6.19	130	181883	165.417	ug/l	97
64) Tetrachloroethene	8.23	164	3135	3.418	ug/l	94

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

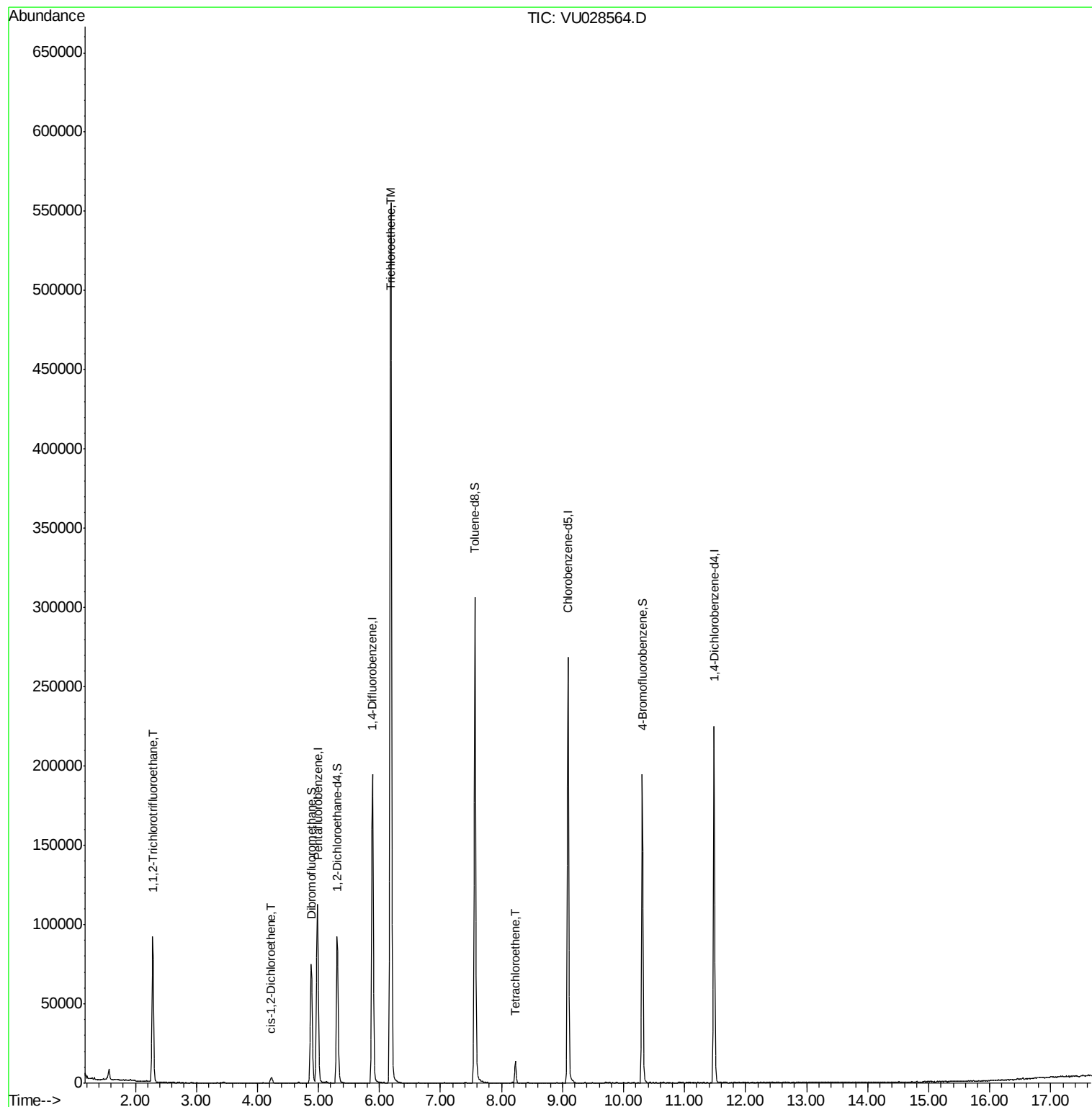
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028564.D
Acq On : 10 Dec 2018 20:24
Operator : MD/SY
Sample : J6325-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

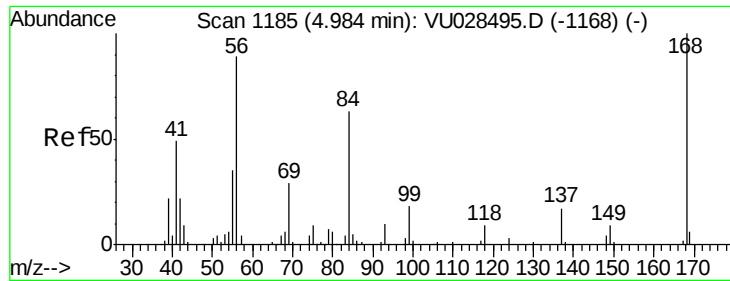
Instrument :
MSVOA_U
ClientSampleId :
RE-125D3-20181204

Manual Integrations
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Quant Time: Dec 11 04:22:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028564.D

Acq: 10 Dec 2018 20:24

Instrument :

MSVOA_U

ClientSampleId :

RE-125D3-20181204

Tot Ion:168 Resp: 82802

Ion Ratio Lower Upper

168 100

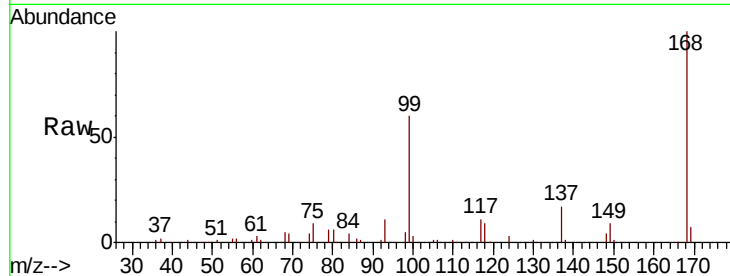
99 59.3 46.6 69.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

40000

30000

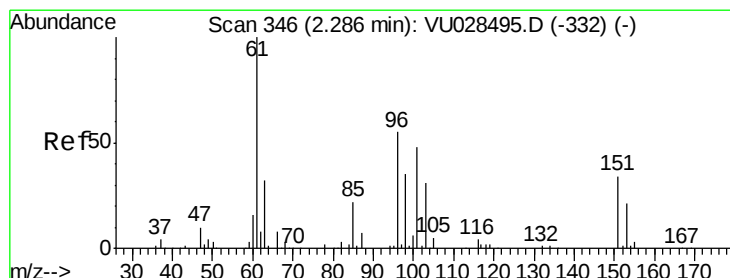
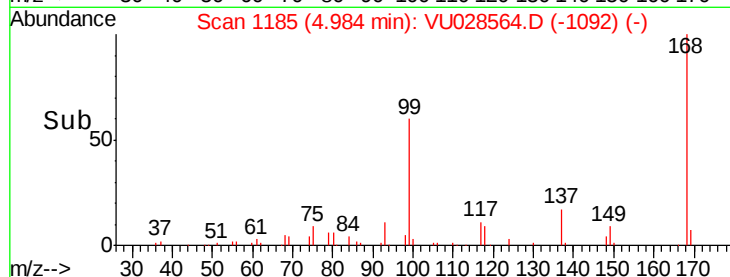
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.373 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028564.D

Acq: 10 Dec 2018 20:24

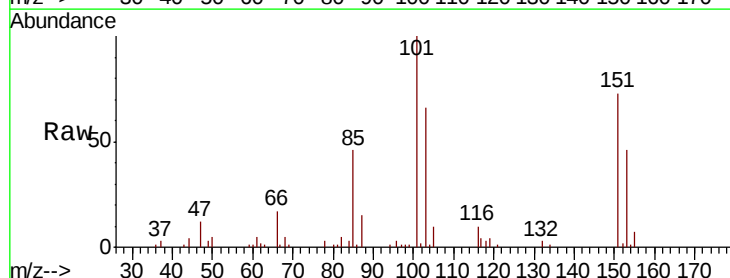
Tgt Ion:101 Resp: 34628

Ion Ratio Lower Upper

101 100

85 45.7 36.4 54.6

151 70.0 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V

2.29

25000

20000

15000

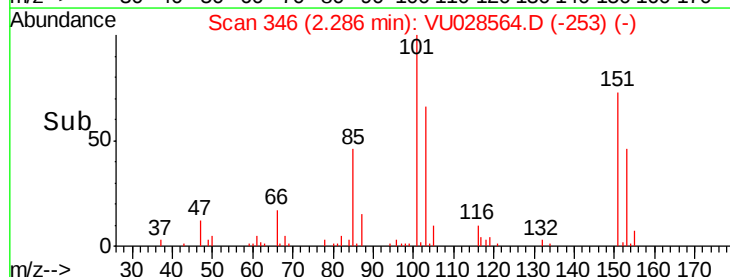
10000

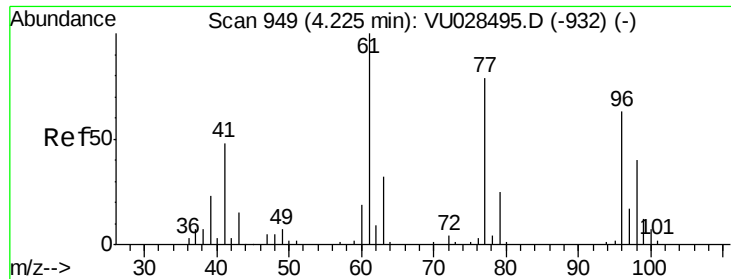
5000

0

2.20 2.25 2.30 2.35

Time-->





#27

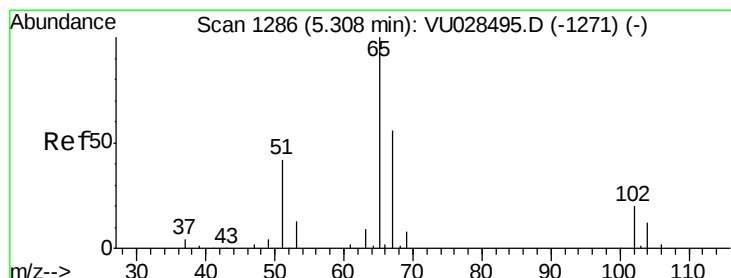
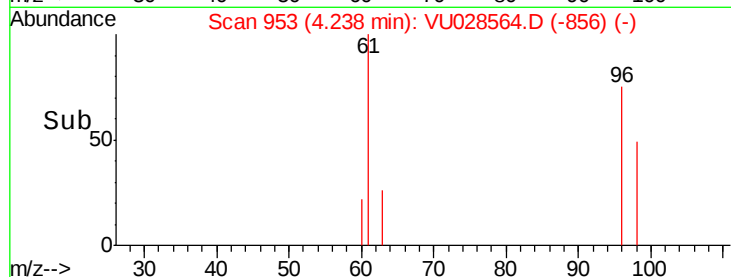
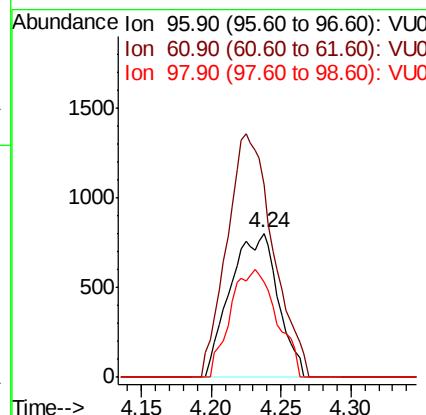
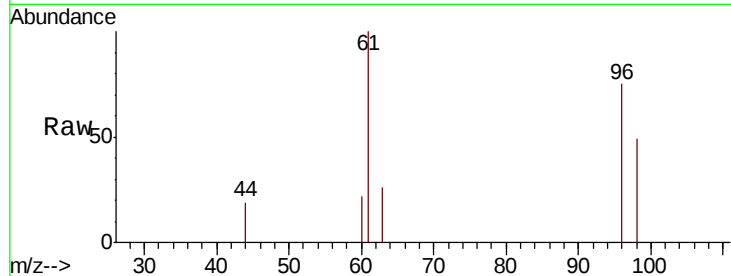
cis-1,2-Dichloroethene
Concen: 1.616 ug/l m
RT: 4.24 min Scan# 953
Delta R.T. 0.01 min
Lab File: VU028564.D
Acq: 10 Dec 2018 20:24

Instrument :
MSVOA_U
ClientSampleId :
RE-125D3-20181204

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	332.4
98	72.6	0.0	129.0

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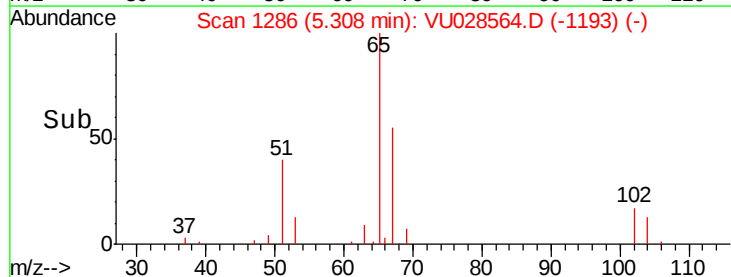
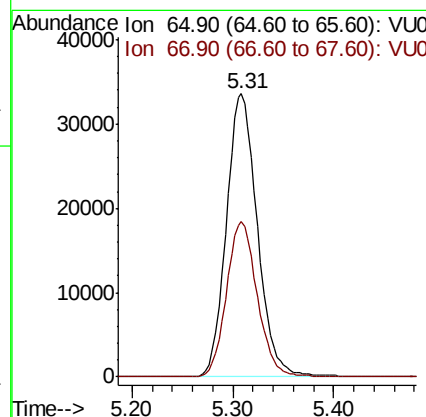
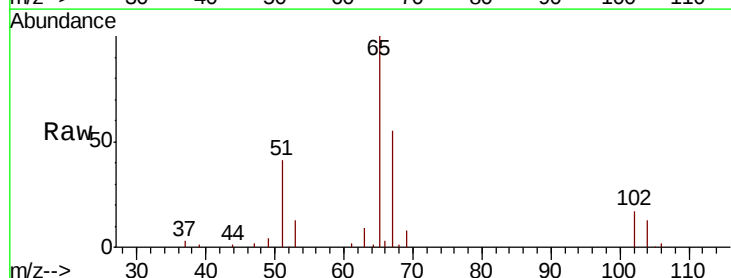
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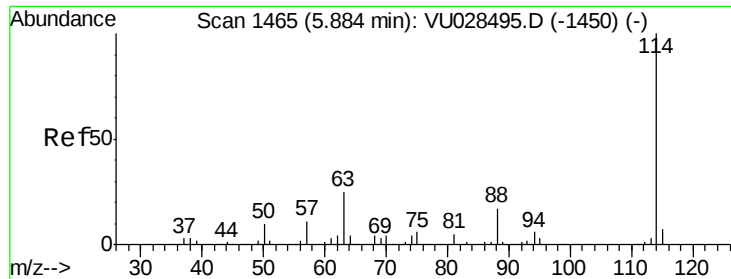


#33

1,2-Dichloroethane-d4
Concen: 56.851 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028564.D
Acq: 10 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028564.D

Acq: 10 Dec 2018 20:24

Instrument :

MSVOA_U

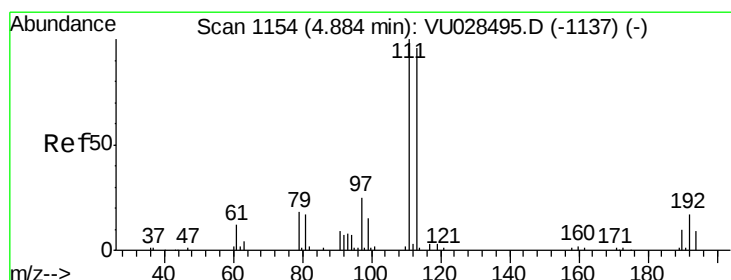
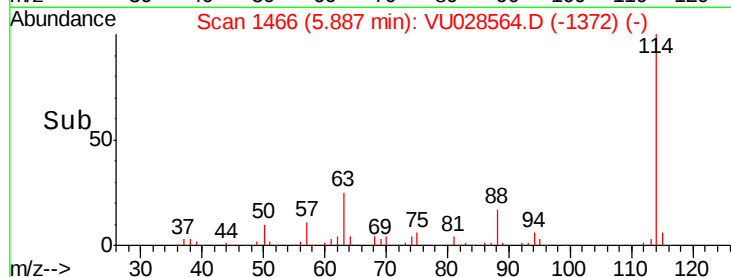
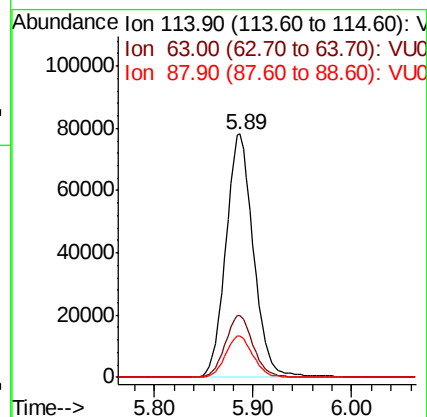
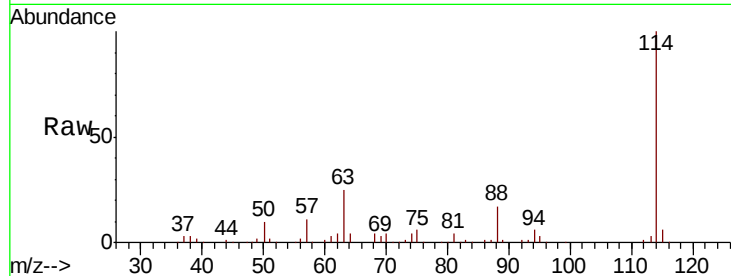
ClientSampleId :

RE-125D3-20181204

Tot Ion:	114	Resp:	153437
Ion Ratio	Lower	Upper	
114	100		
63	25.3	0.0	49.2
88	16.9	0.0	33.4

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#35

Dibromofluoromethane

Concen: 53.770 ug/l

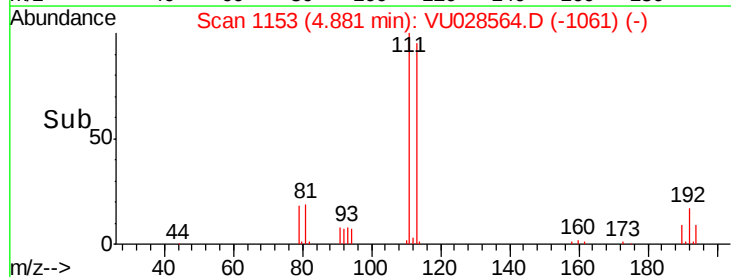
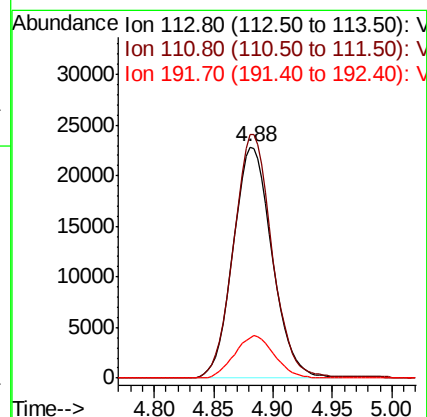
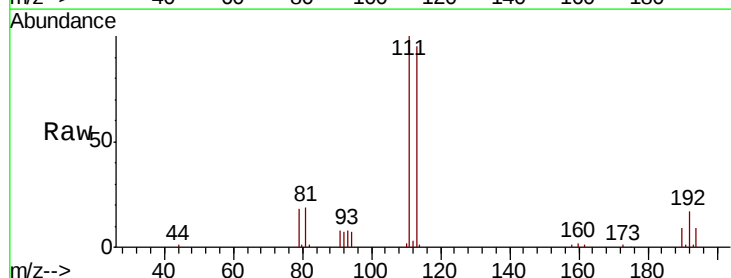
RT: 4.88 min Scan# 1153

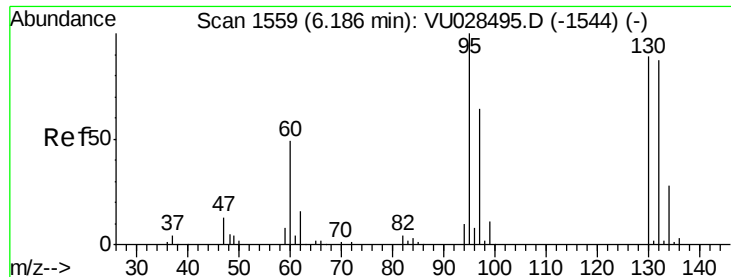
Delta R.T. -0.00 min

Lab File: VU028564.D

Acq: 10 Dec 2018 20:24

Tgt Ion:	113	Resp:	51920
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.4	125.0
192	18.6	14.8	22.2





#44

Trichloroethene

Concen: 165.417 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028564.D

Acq: 10 Dec 2018 20:24

Instrument :

MSVOA_U

ClientSampleId :

RE-125D3-20181204

Tot Ion:130 Resp: 181883

Ion Ratio Lower Upper

130 100

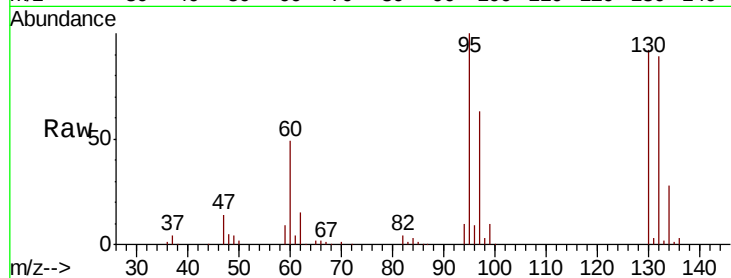
95 109.2 0.0 224.0

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU

6.19

100000

80000

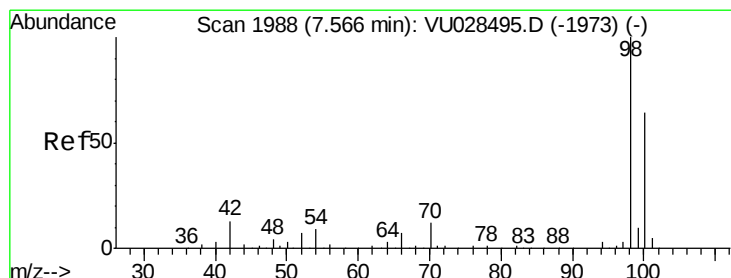
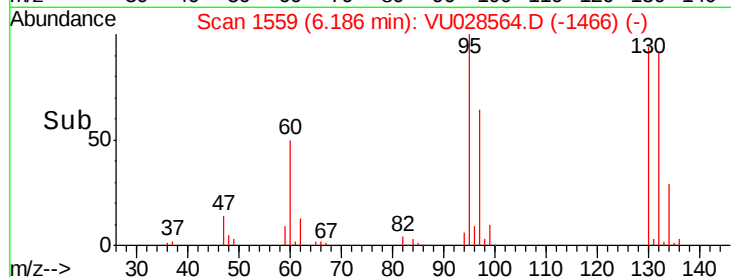
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 52.829 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028564.D

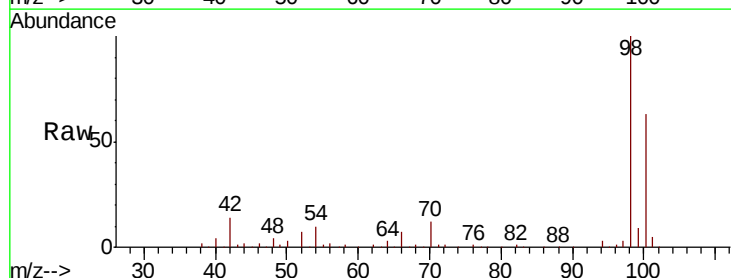
Acq: 10 Dec 2018 20:24

Tgt Ion: 98 Resp: 201791

Ion Ratio Lower Upper

98 100

100 62.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU

Ion 100.00 (99.70 to 100.70): VU

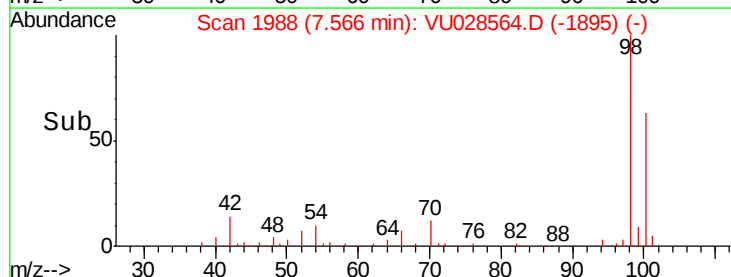
7.57

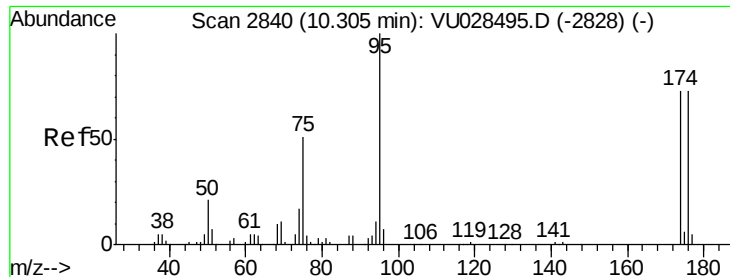
100000

50000

0

Time-->





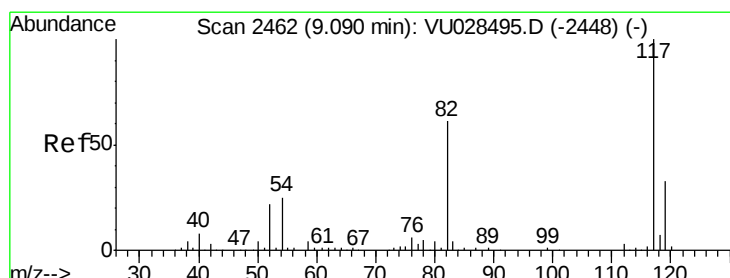
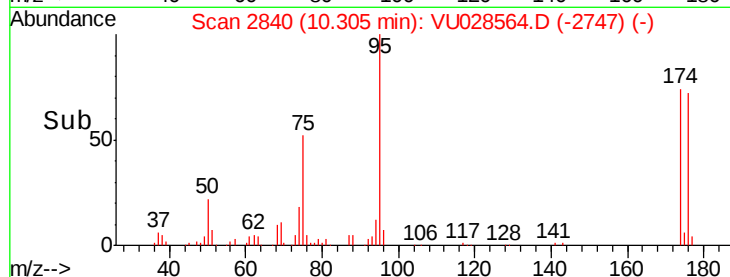
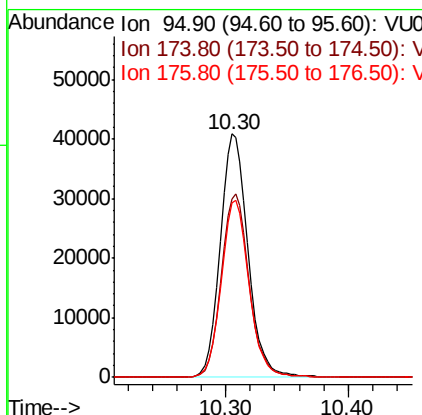
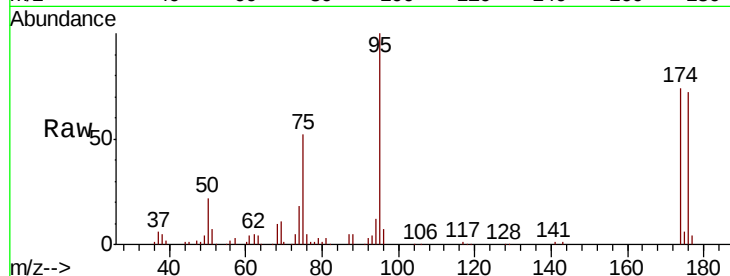
#62
4-Bromofluorobenzene
Concen: 45.743 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028564.D
Acq: 10 Dec 2018 20:24

Instrument :
MSVOA_U
ClientSampleId :
RE-125D3-20181204

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.4
176	73.0	0.0	145.2

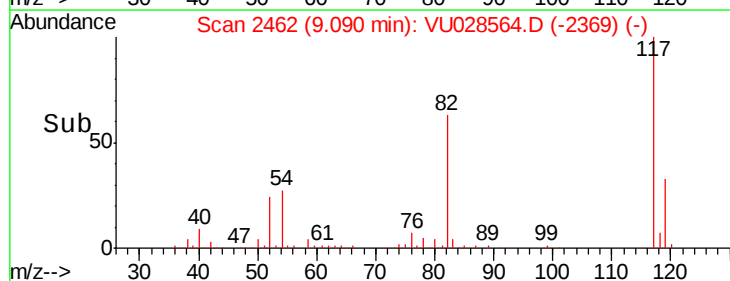
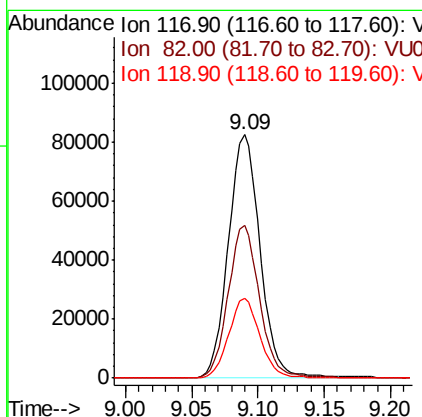
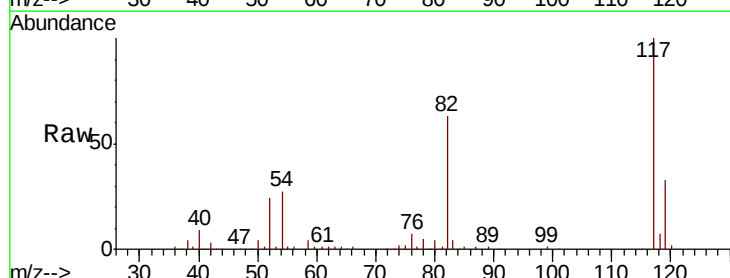
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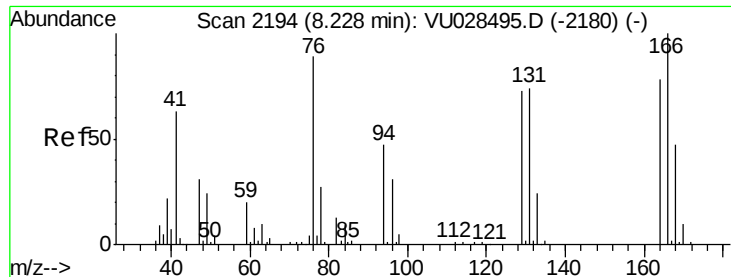
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028564.D
Acq: 10 Dec 2018 20:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.9	48.9	73.3
119	32.8	26.2	39.4





#64

Tetrachloroethene

Concen: 3.418 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028564.D

Acq: 10 Dec 2018 20:24

Instrument :

MSVOA_U

ClientSampleId :

RE-125D3-20181204

Tot Ion:164 Resp: 3135

Ion Ratio Lower Upper

164 100

166 118.5 101.9 152.9

129 86.4 74.9 112.3

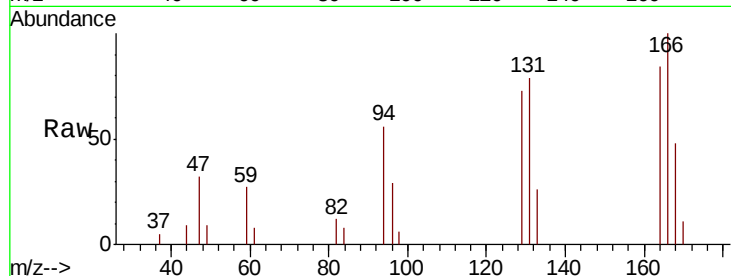
131 93.6 75.4 113.0

Manual Integrations

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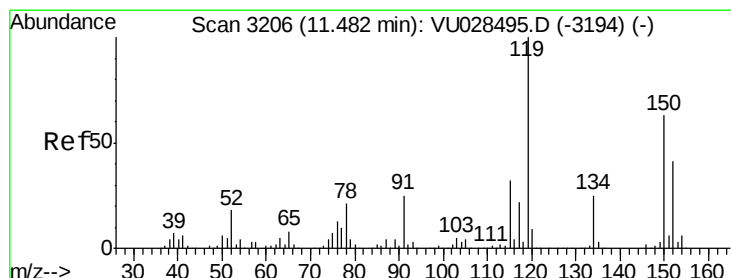
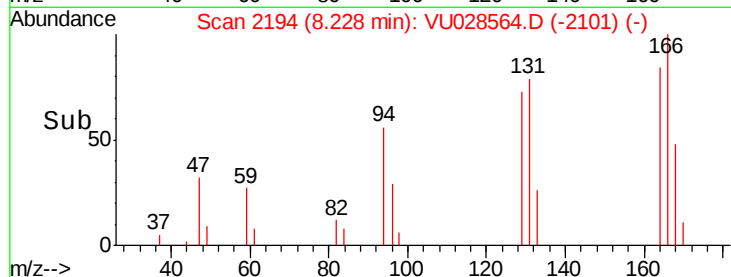
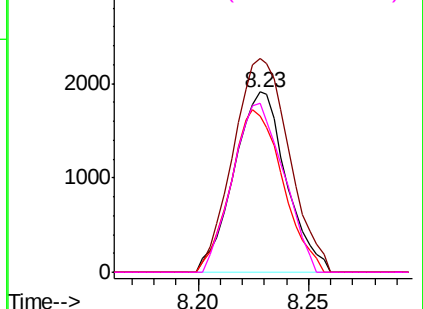


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VU028564.D

Acq: 10 Dec 2018 20:24

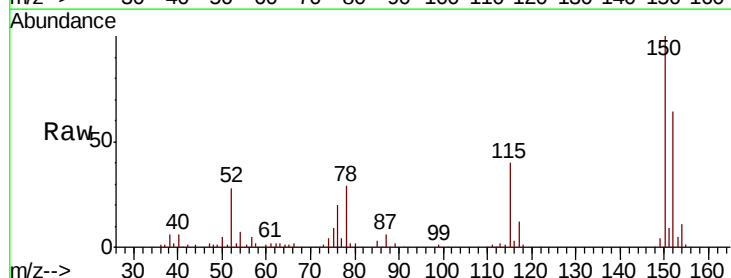
Tgt Ion:152 Resp: 54214

Ion Ratio Lower Upper

152 100

115 60.7 42.7 128.1

150 157.5 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

