

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028135.D
 Acq On : 14 Nov 2018 20:57
 Operator : MD/SY
 Sample : J5948-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 04:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49634	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	40586	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.28	63	72007	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.19	46	164716	51.27	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.65	84	85003	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	48814	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	175496	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.33	67	64678	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.57	98	154938	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.85	79	20152	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.31	63	128246	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44347	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	52278	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

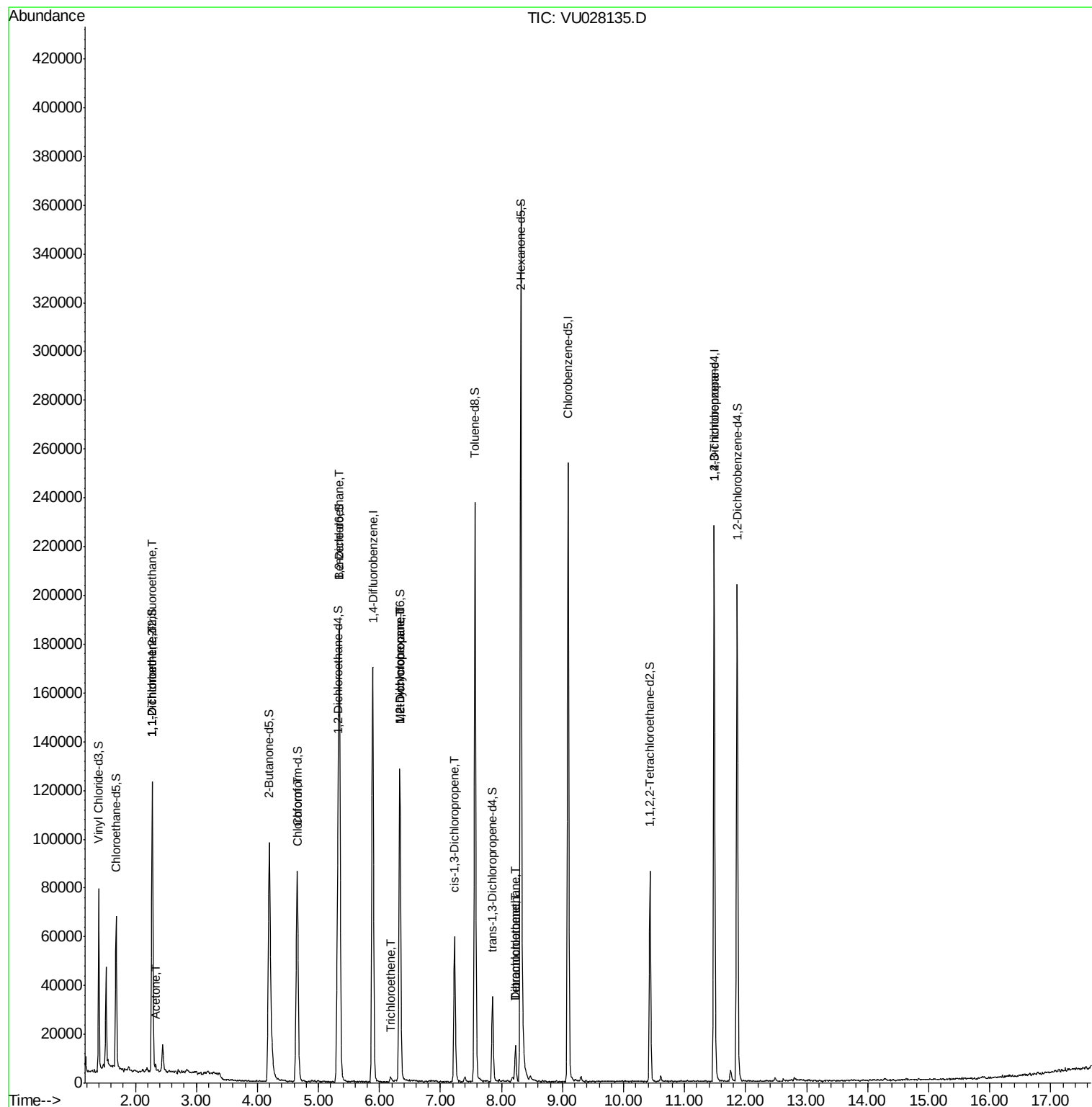
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	680	0.078	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	498	0.056	ug/L #	1
13) Acetone	2.32	43	2522	1.166	ug/L	89
25) Chloroform	4.67	83	1808	0.102	ug/L #	75
27) 1,2-Dichloroethane	5.34	62	1126	0.096	ug/L #	76
34) Trichloroethene	6.19	95	788	0.075	ug/L #	78
35) Methylcyclohexane	6.33	83	12777	0.708	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6202	0.528	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1390	0.088	ug/L #	35
47) Tetrachloroethene	8.23	164	3064	0.359	ug/L	96
49) Dibromochloromethane	8.23	129	3074	0.407	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8070	1.223	ug/L	98

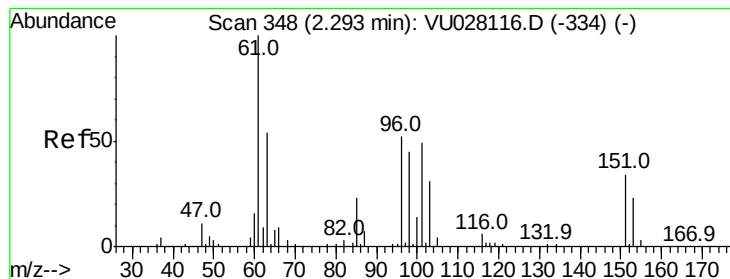
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028135.D

Acq: 14 Nov 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

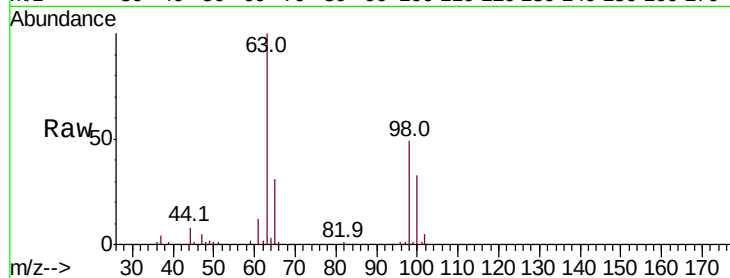
Tot Ion:101 Resp: 680

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.28

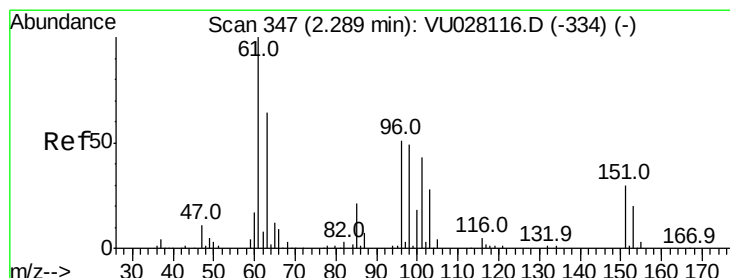
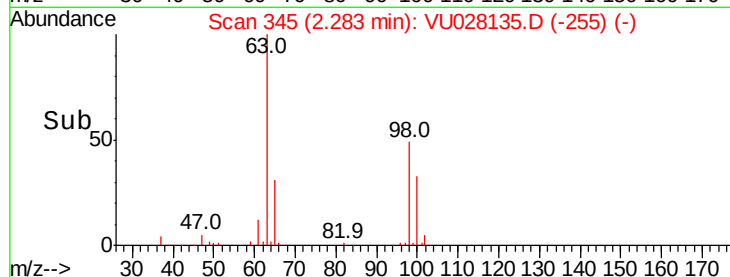
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028135.D

Acq: 14 Nov 2018 20:57

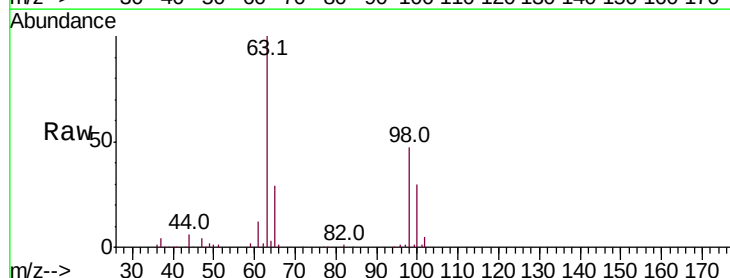
Tgt Ion: 96 Resp: 498

Ion Ratio Lower Upper

96 100

61 1410.7 134.8 250.3#

63 11906.5 100.1 185.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

60000

50000

40000

30000

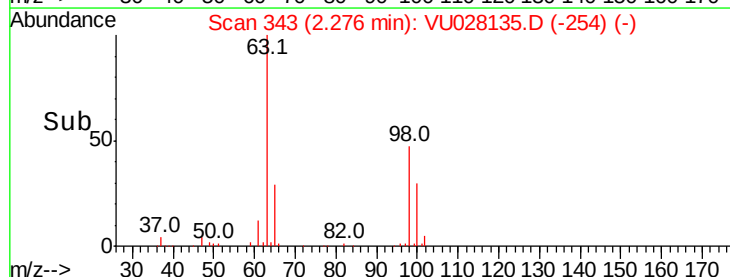
20000

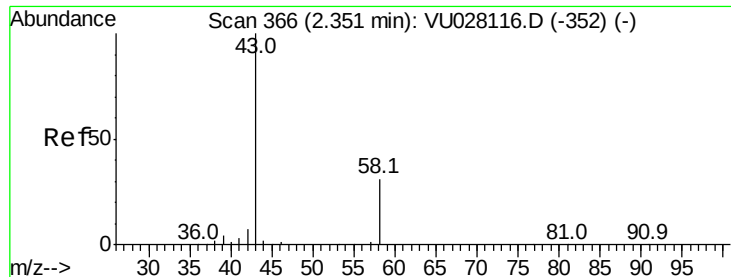
10000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 1.166 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028135.D

Acq: 14 Nov 2018 20:57

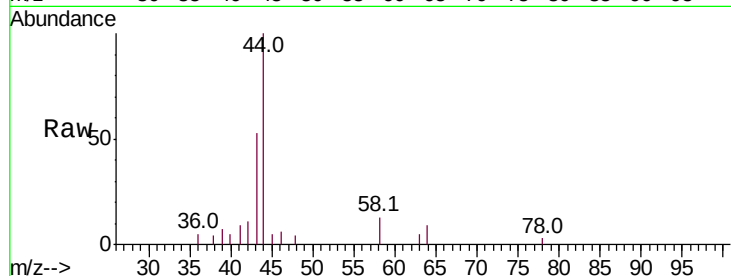
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2522

Ion Ratio Lower Upper

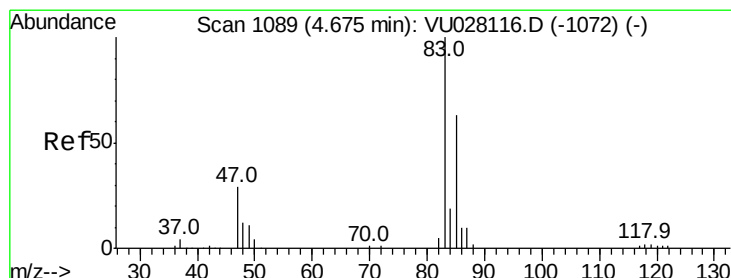
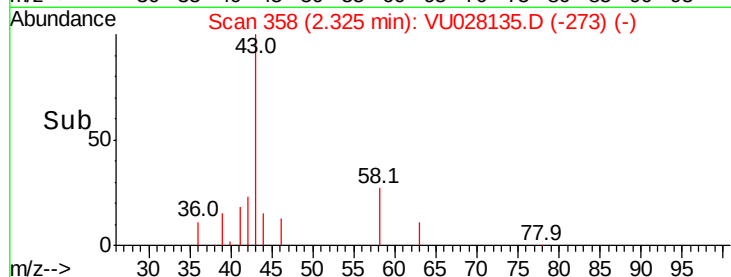
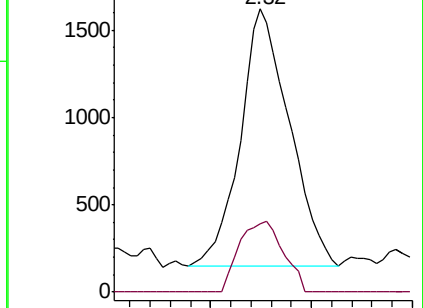
43 100

58 24.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.102 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU028135.D

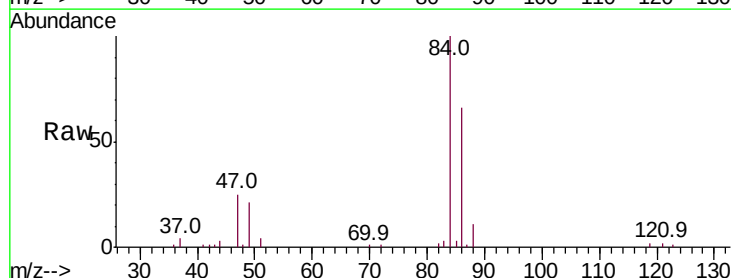
Acq: 14 Nov 2018 20:57

Tgt Ion: 83 Resp: 1808

Ion Ratio Lower Upper

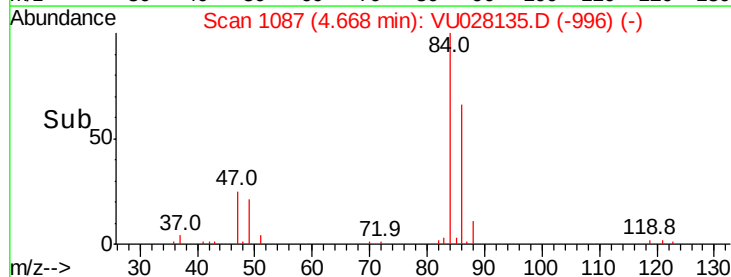
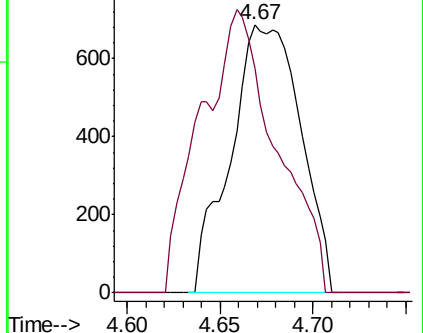
83 100

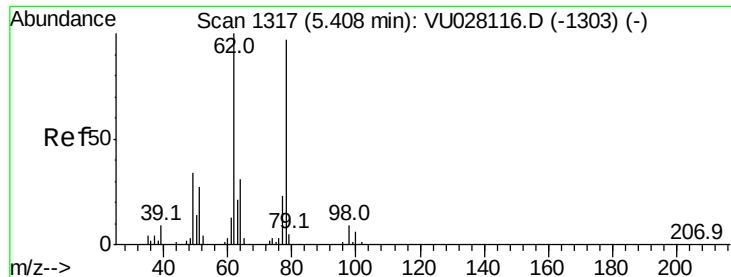
85 83.7 45.0 83.6#



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.07 min

Lab File: VU028135.D

Acq: 14 Nov 2018 20:57

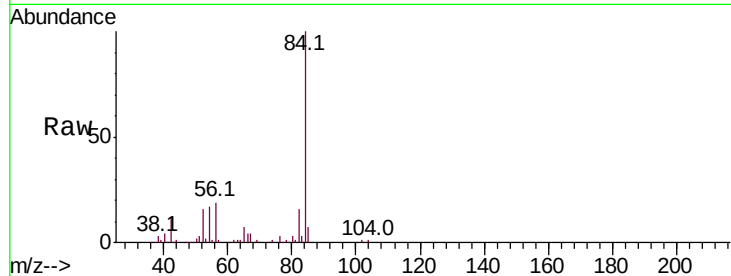
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 1126

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.34

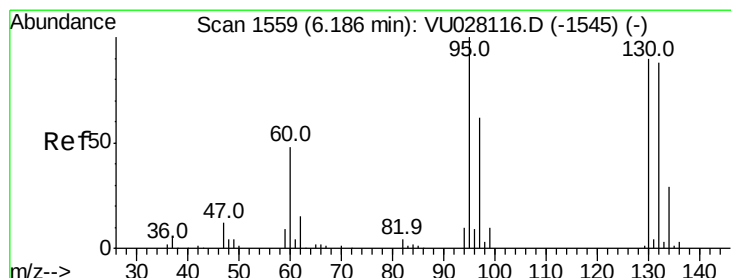
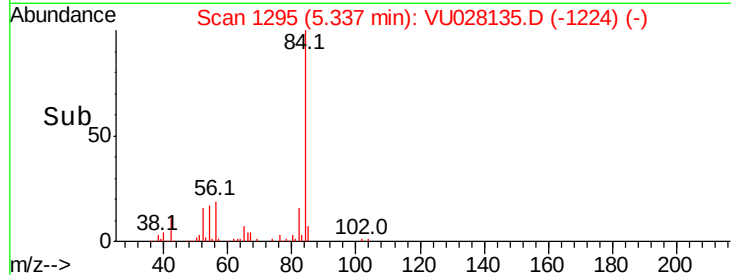
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 0.075 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028135.D

Acq: 14 Nov 2018 20:57

Tgt Ion: 95 Resp: 788

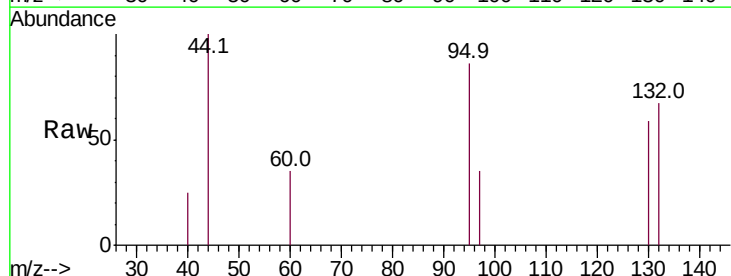
Ion Ratio Lower Upper

95 100

97 40.5 45.3 84.1#

132 77.4 63.0 117.0

130 68.8 63.6 118.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

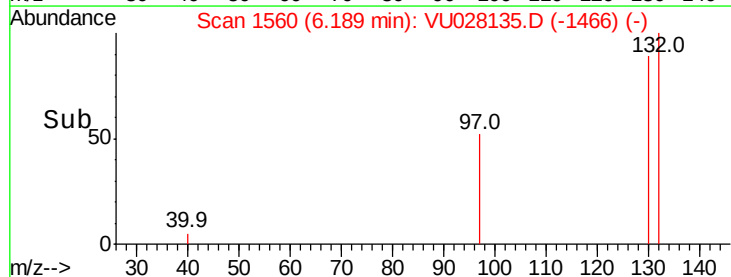
600

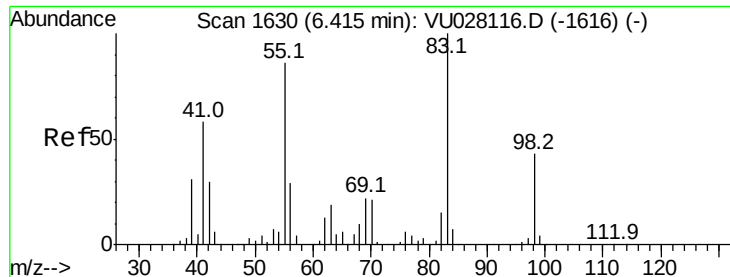
400

200

0

Time-->

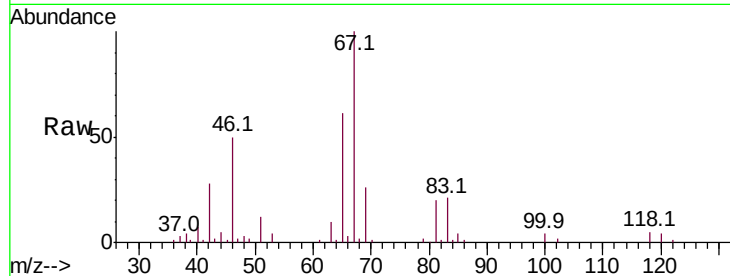




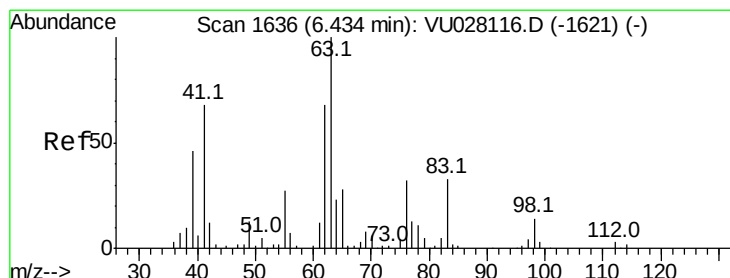
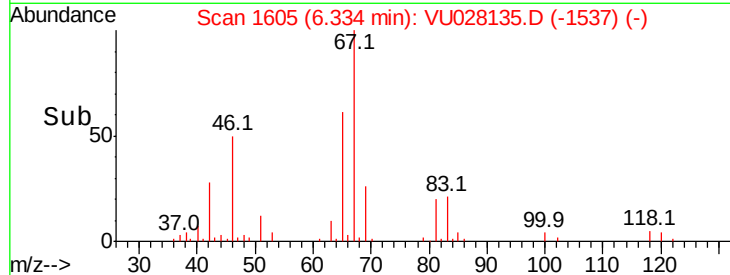
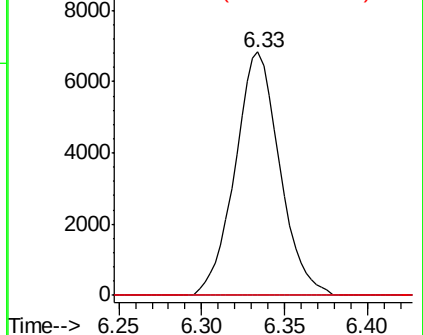
#35
Methylvlcyclohexane
Concen: 0.708 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028135.D
Acq: 14 Nov 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12777
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 1.0 33.3 49.9#

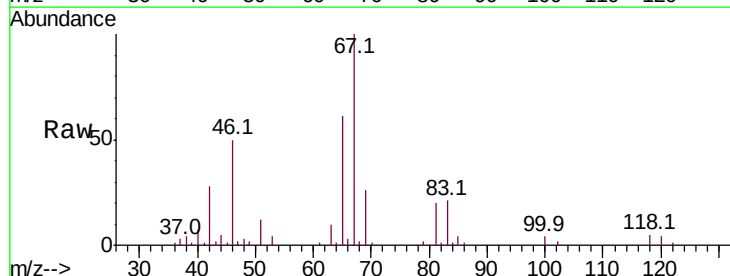


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

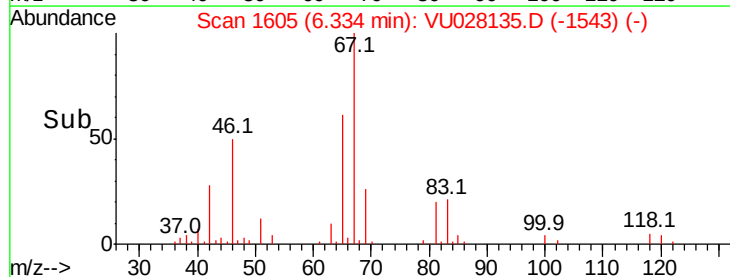
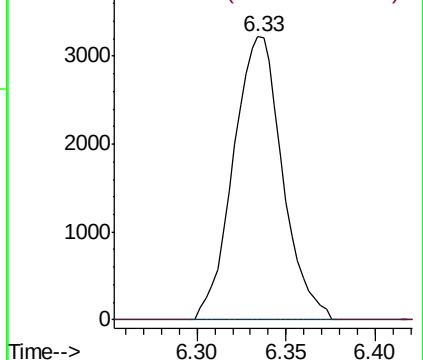


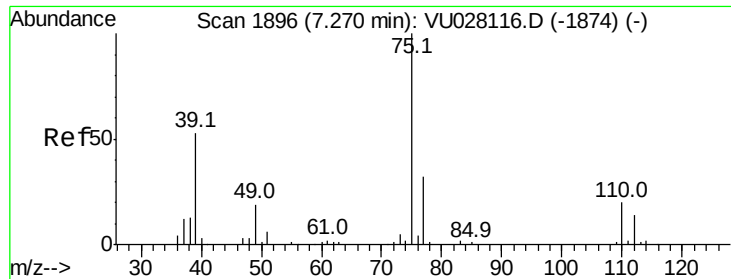
#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028135.D
Acq: 14 Nov 2018 20:57

Tgt Ion: 63 Resp: 6202
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



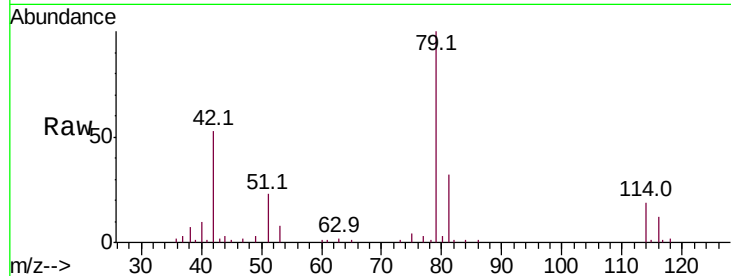


#39

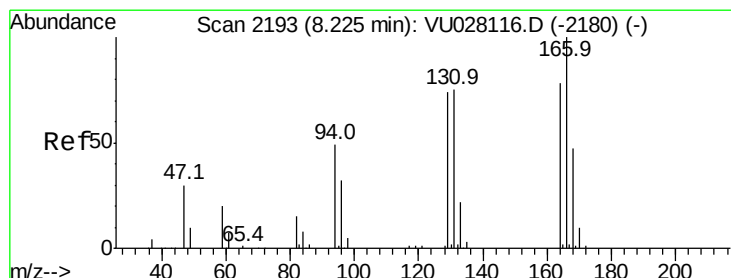
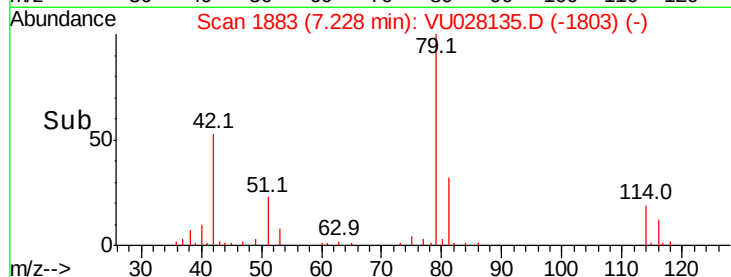
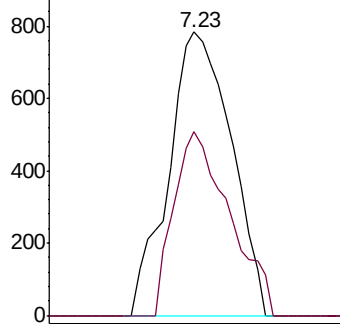
cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028135.D
 Acq: 14 Nov 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1390
 Ion Ratio Lower Upper
 75 100
 77 64.9 20.9 38.9#



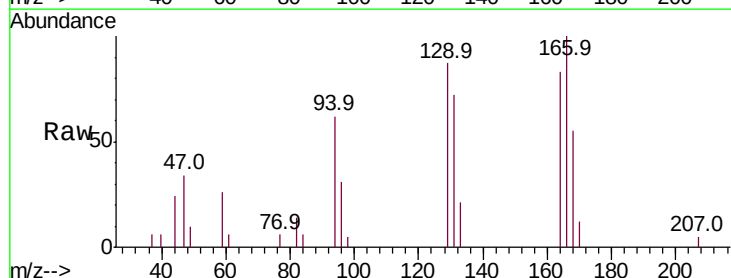
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0



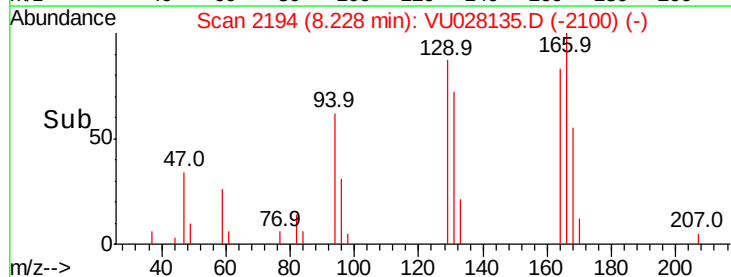
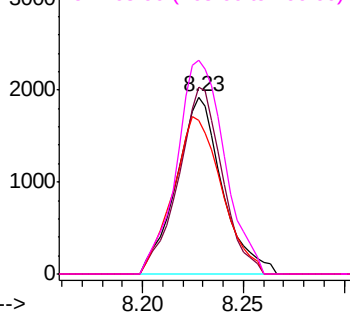
#47

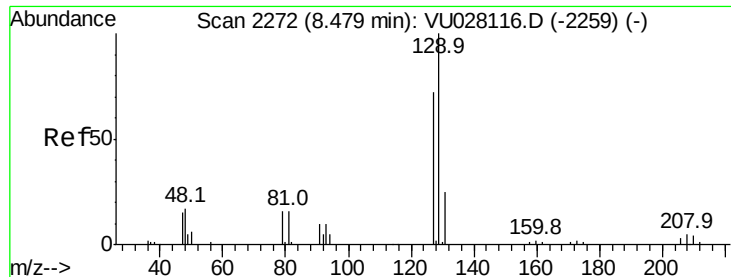
Tetrachloroethene
 Concen: 0.359 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VU028135.D
 Acq: 14 Nov 2018 20:57

Tgt Ion:164 Resp: 3064
 Ion Ratio Lower Upper
 164 100
 129 105.5 69.7 129.4
 131 87.1 64.0 118.8
 166 120.6 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 0.407 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028135.D

Acq: 14 Nov 2018 20:57

Instrument :

MSVOA_U

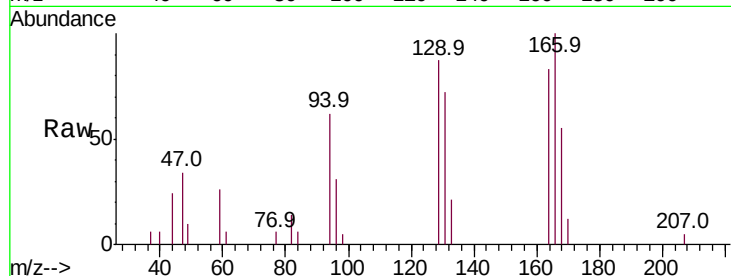
ClientSampled :

Tot Ion:129 Resp: 3074

Ion Ratio Lower Upper

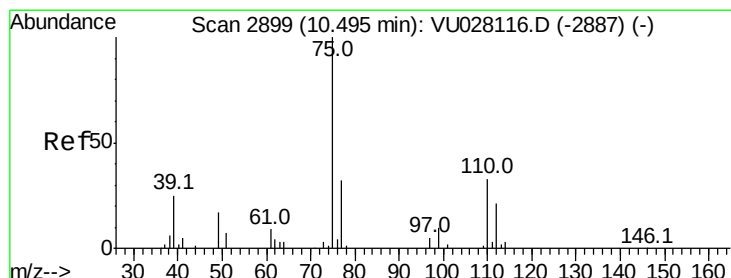
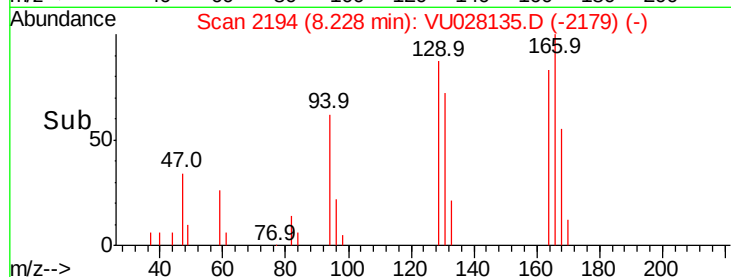
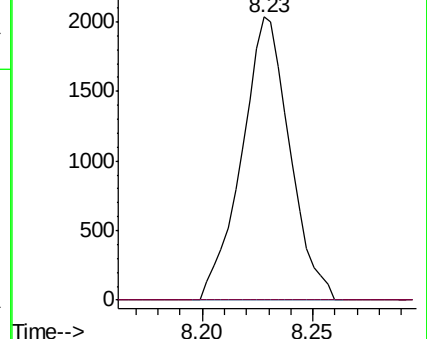
129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.223 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028135.D

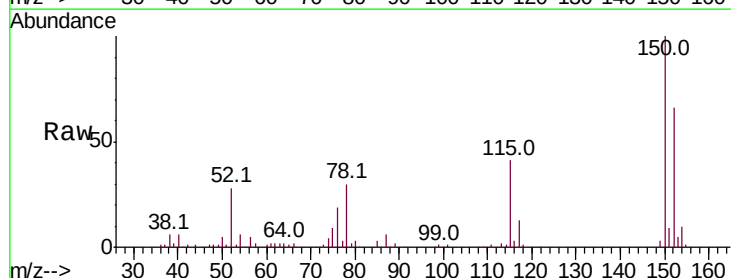
Acq: 14 Nov 2018 20:57

Tgt Ion: 75 Resp: 8070

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

