

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028189.D
 Acq On : 16 Nov 2018 17:24
 Operator : MD/SY
 Sample : J5946-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:02:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48725	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	42953	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.28	63	73672	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.20	46	202861	54.19	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.38%
24) Chloroform-d	4.65	84	94771	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	56321	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.34	84	189790	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	71915	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.57	98	160904	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.85	79	20108	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.31	63	146365	47.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52475	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	56014	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

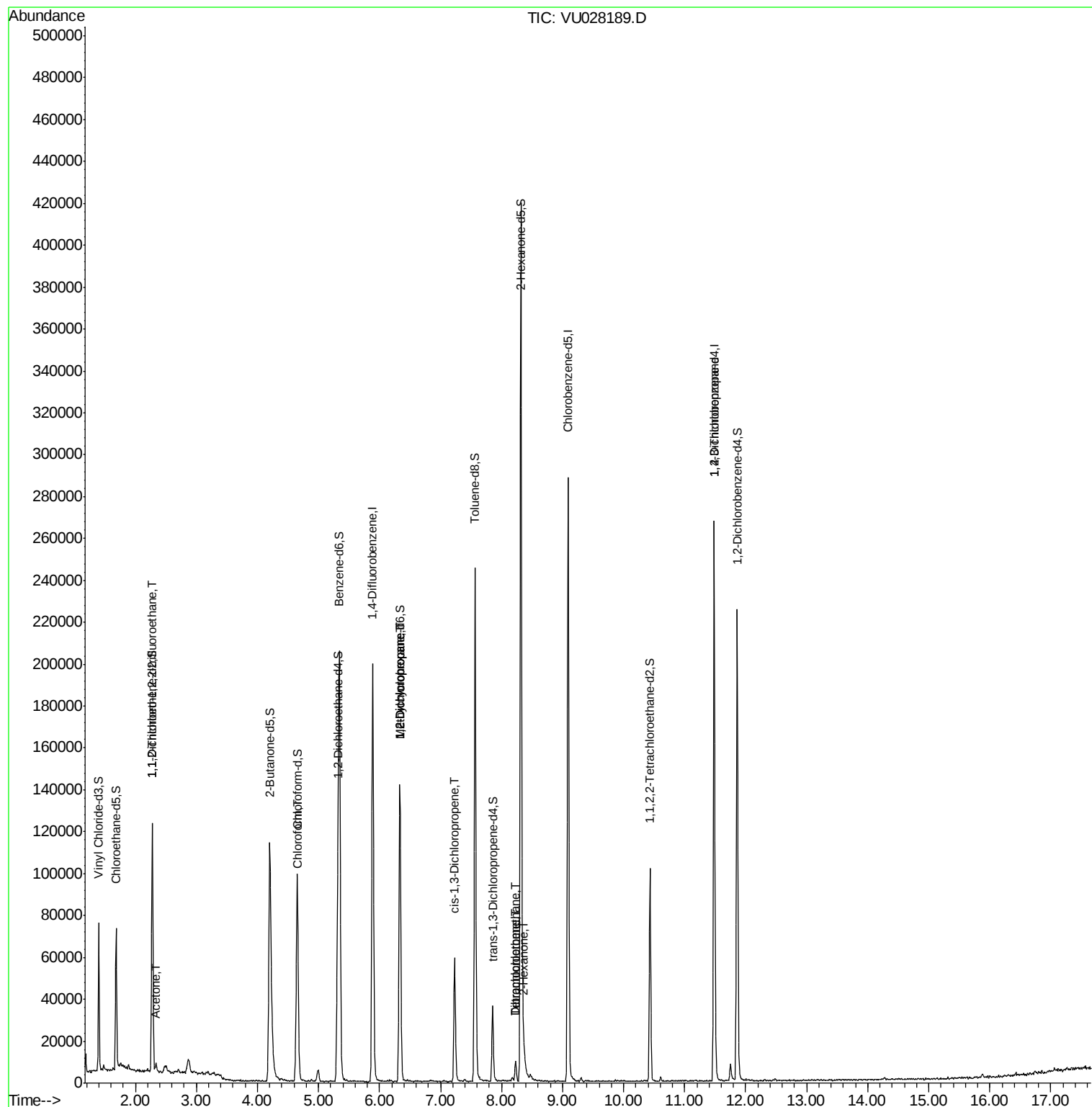
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	650	0.064	ug/L #	20
13) Acetone	2.33	43	2478	0.983	ug/L	88
25) Chloroform	4.67	83	1313	0.063	ug/L	81
35) Methylcyclohexane	6.34	83	14412	0.679	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8012	0.580	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1474	0.079	ug/L	89
47) Tetrachloroethene	8.23	164	2342	0.233	ug/L	84
48) 2-Hexanone	8.37	43	2722	0.402	ug/L #	65
49) Dibromochloromethane	8.23	129	2013	0.227	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9532	1.229	ug/L #	87

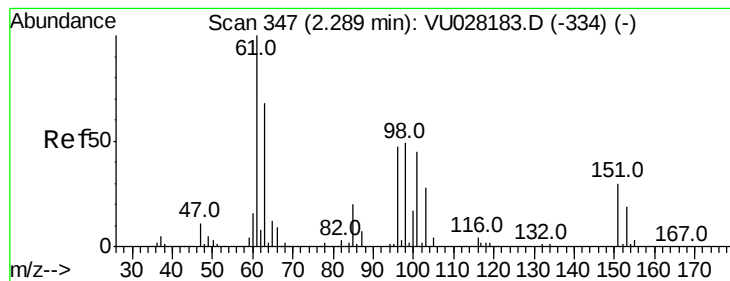
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.064 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028189.D

Acq: 16 Nov 2018 17:24

Instrument :

MSVOA_U

ClientSampled :

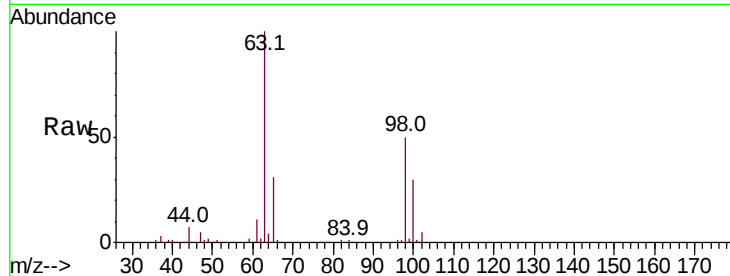
Tot Ion:101 Resp: 650

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

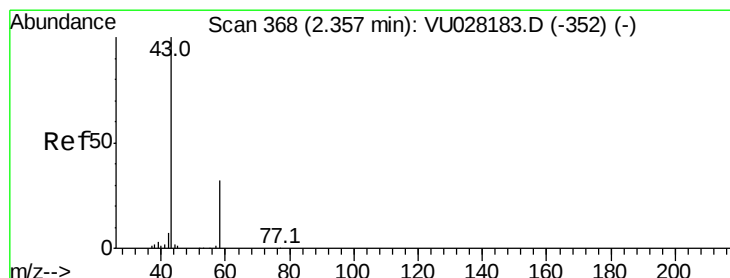
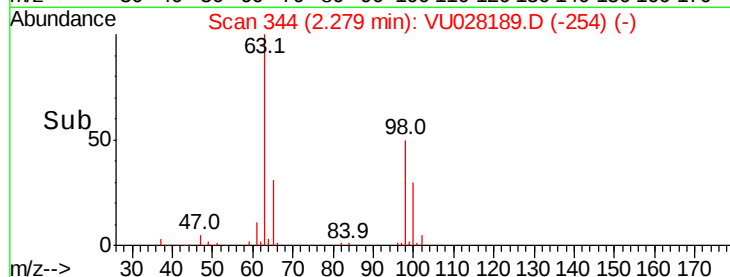
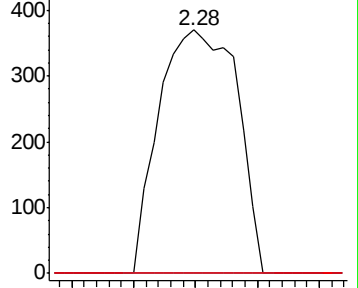
151 0.0 58.2 87.2#



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



#13

Acetone

Concen: 0.983 ug/L

RT: 2.33 min Scan# 361

Delta R.T. -0.02 min

Lab File: VU028189.D

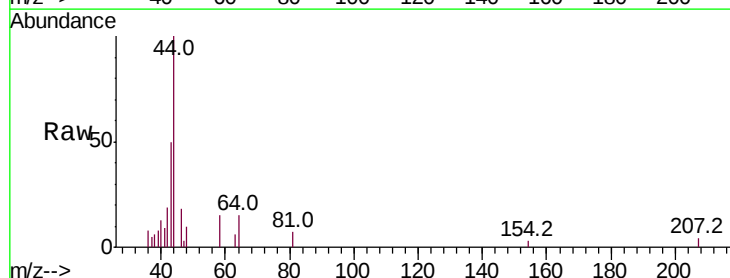
Acq: 16 Nov 2018 17:24

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

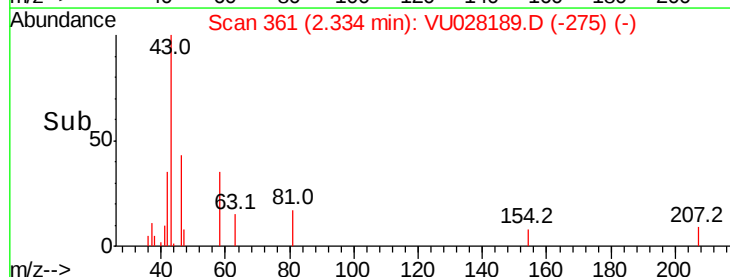
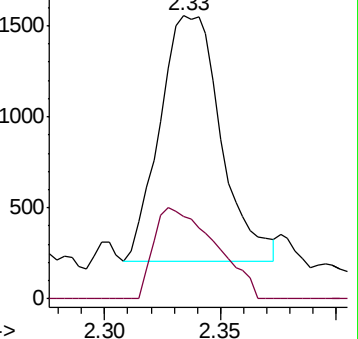
43 100

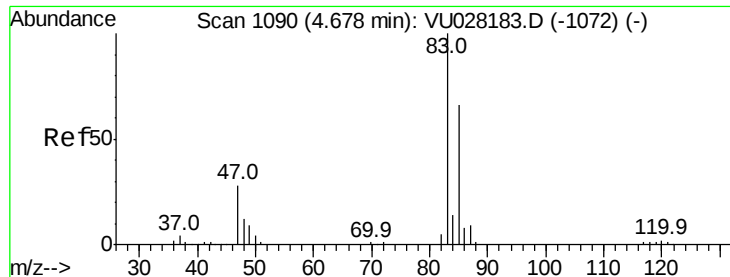
58 37.5 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

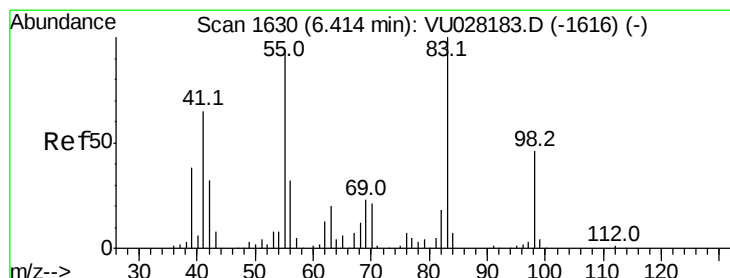
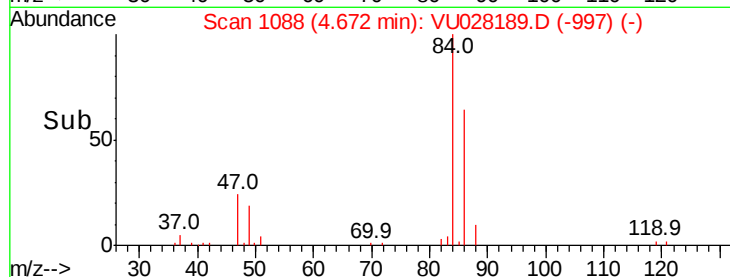
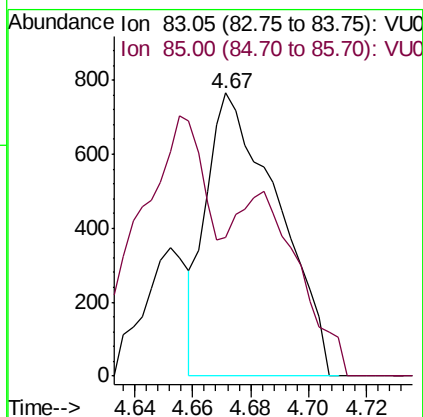
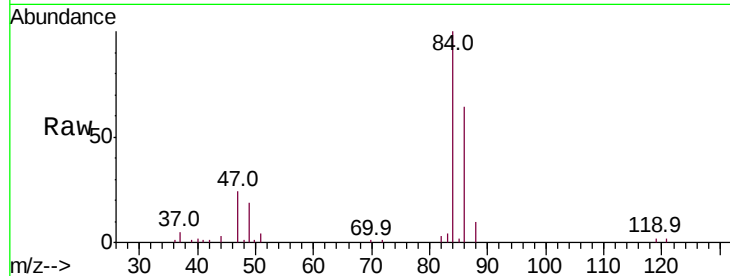




#25
Chloroform
Concen: 0.063 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU028189.D
Acq: 16 Nov 2018 17:24

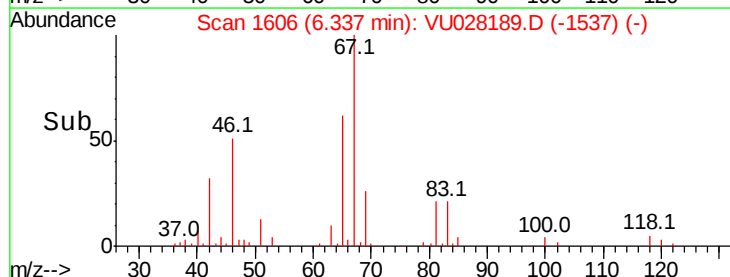
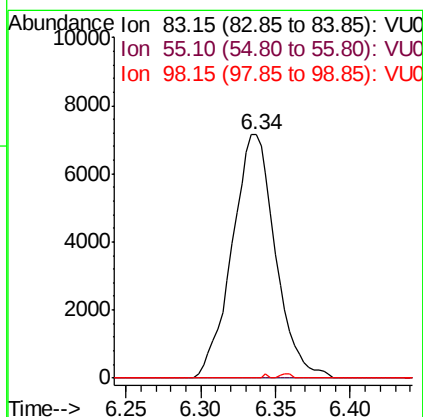
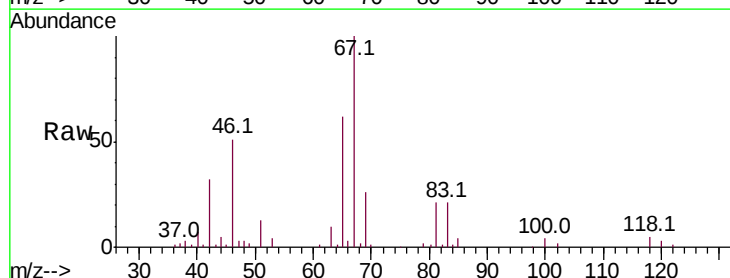
Instrument :
MSVOA_U
ClientSampleId :

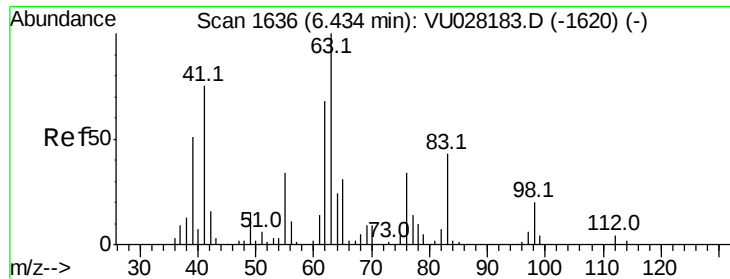
Tot Ion: 83 Resp: 1313
Ion Ratio Lower Upper
83 100
85 49.2 45.0 83.6



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.08 min
Lab File: VU028189.D
Acq: 16 Nov 2018 17:24

Tgt Ion: 83 Resp: 14412
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.1 33.3 49.9#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028189.D

Acq: 16 Nov 2018 17:24

Instrument :

MSVOA_U

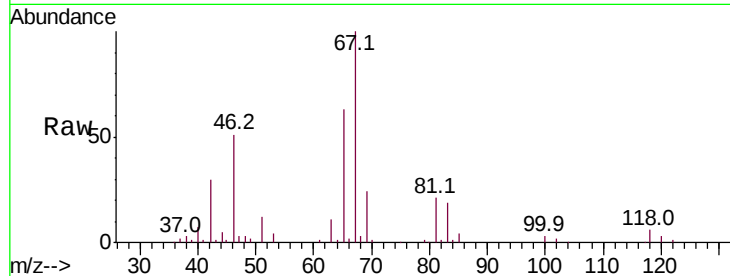
ClientSampled :

Tot Ion: 63 Resp: 8012

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

6.33

4000

3000

2000

1000

0

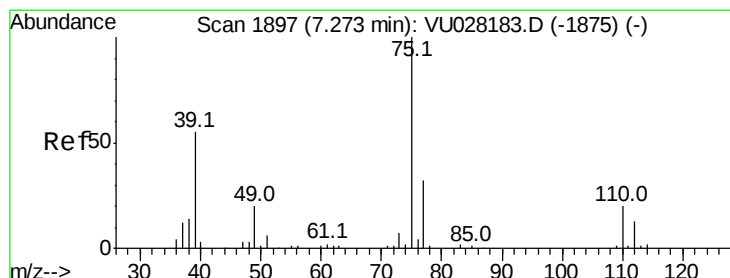
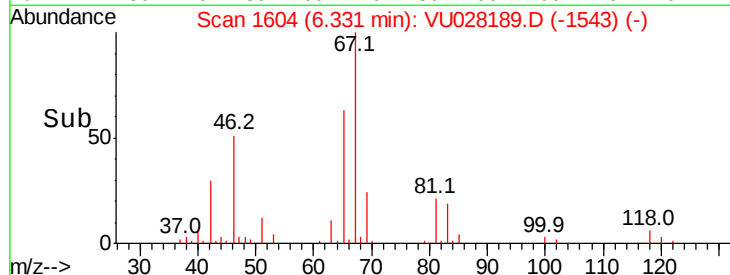
Time-->

6.25

6.30

6.35

6.40



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU028189.D

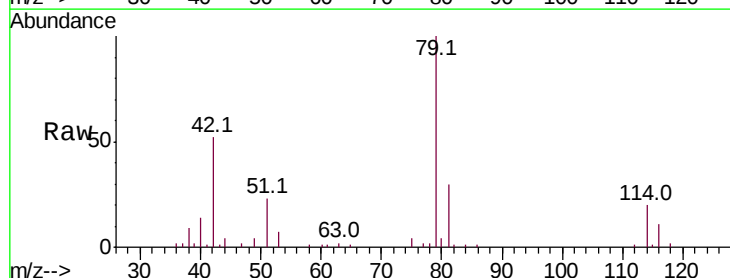
Acq: 16 Nov 2018 17:24

Tgt Ion: 75 Resp: 1474

Ion Ratio Lower Upper

75 100

77 35.7 20.9 38.9



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

1000

800

600

400

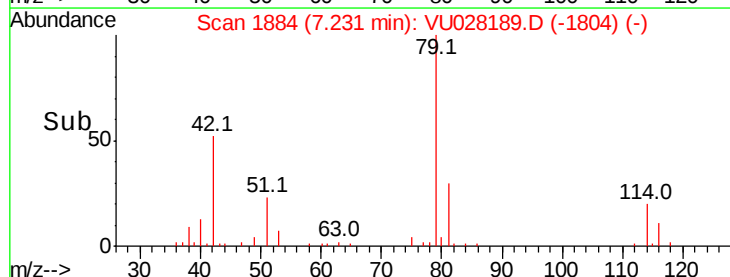
200

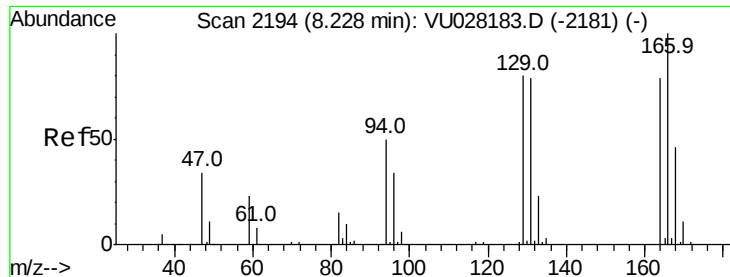
0

Time-->

7.20

7.25





#47

Tetrachloroethene

Concen: 0.233 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028189.D

Acq: 16 Nov 2018 17:24

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 2342

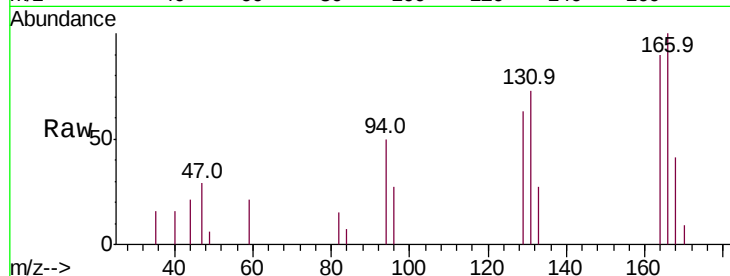
Ion Ratio Lower Upper

164 100

129 69.9 69.7 129.4

131 81.9 64.0 118.8

166 111.4 86.4 160.4

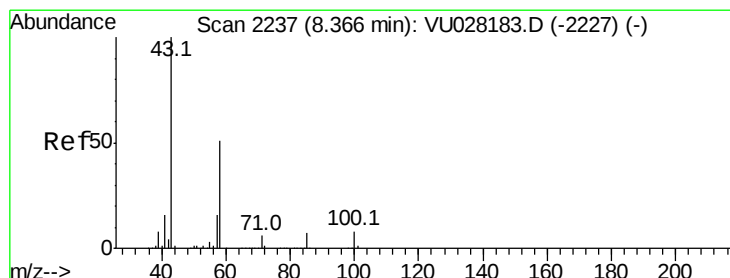
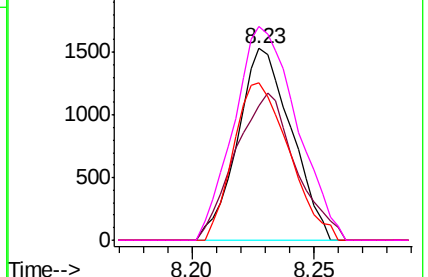
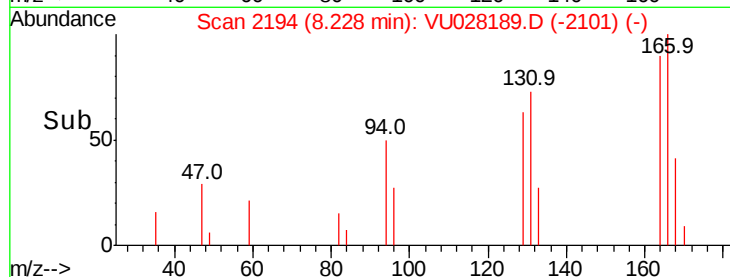


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 0.402 ug/L

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU028189.D

Acq: 16 Nov 2018 17:24

Tgt Ion: 43 Resp: 2722

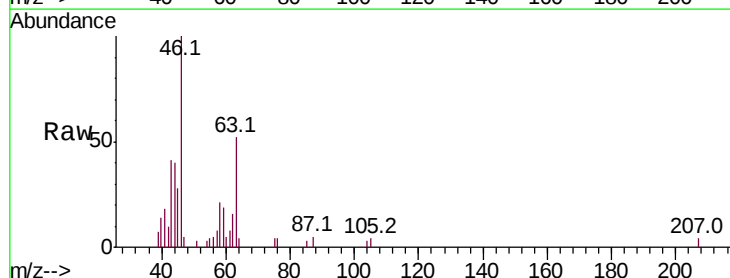
Ion Ratio Lower Upper

43 100

58 80.2 41.7 62.5#

57 6.5 14.0 21.0#

100 0.8 7.2 10.8#

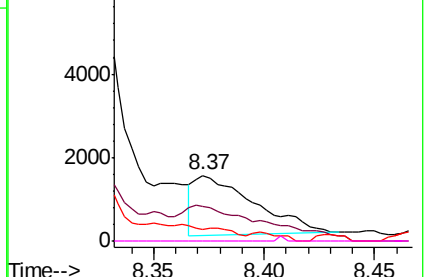
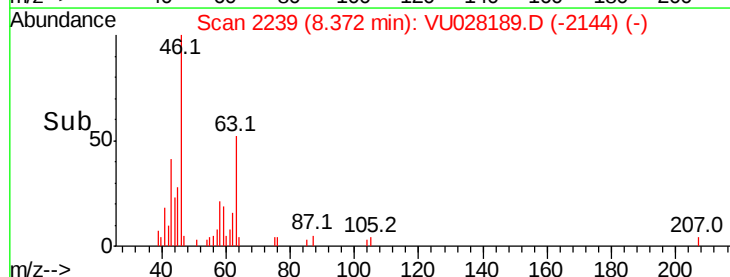


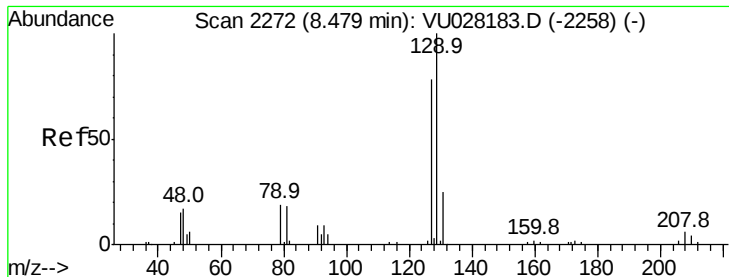
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

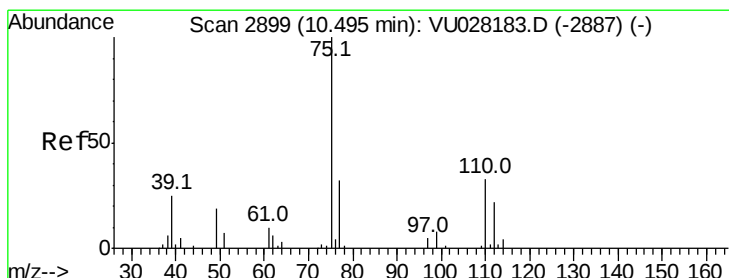
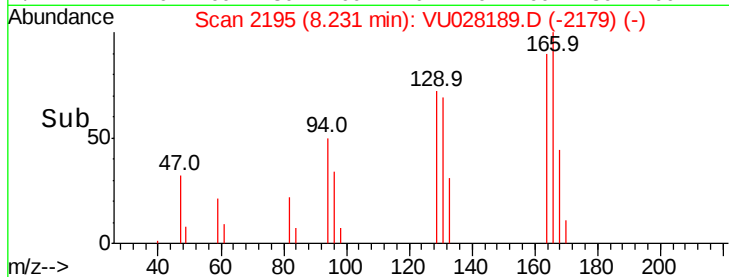
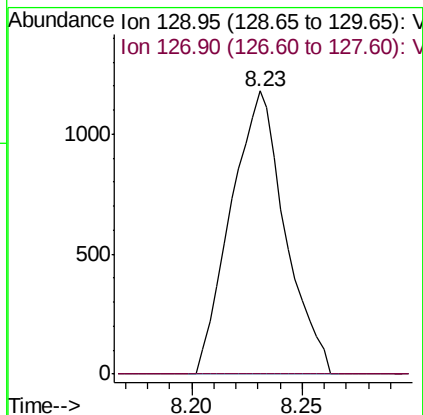
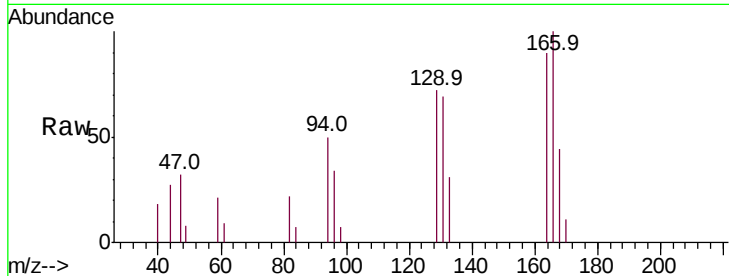




#49
Dibromochloromethane
Concen: 0.227 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028189.D
Acq: 16 Nov 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 2013
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#59
1,2,3-Trichloropropane
Concen: 1.229 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028189.D
Acq: 16 Nov 2018 17:24

Tgt Ion: 75 Resp: 9532
Ion Ratio Lower Upper
75 100
77 39.2 25.4 38.0#

