

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028121.D
 Acq On : 14 Nov 2018 15:23
 Operator : MD/SY
 Sample : J5948-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C06

Quant Time: Nov 15 04:29:13 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	191478	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57609	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.68	69	48323	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.28	63	80695	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.19	46	183150	39.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.48%
24) Chloroform-d	4.65	84	96693	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.31	65	55442	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
32) Benzene-d6	5.34	84	201935	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.33	67	72344	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.57	98	178845	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.85	79	24448	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.31	63	145056	38.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48637	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	59157	3.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.00%#

Target Compounds

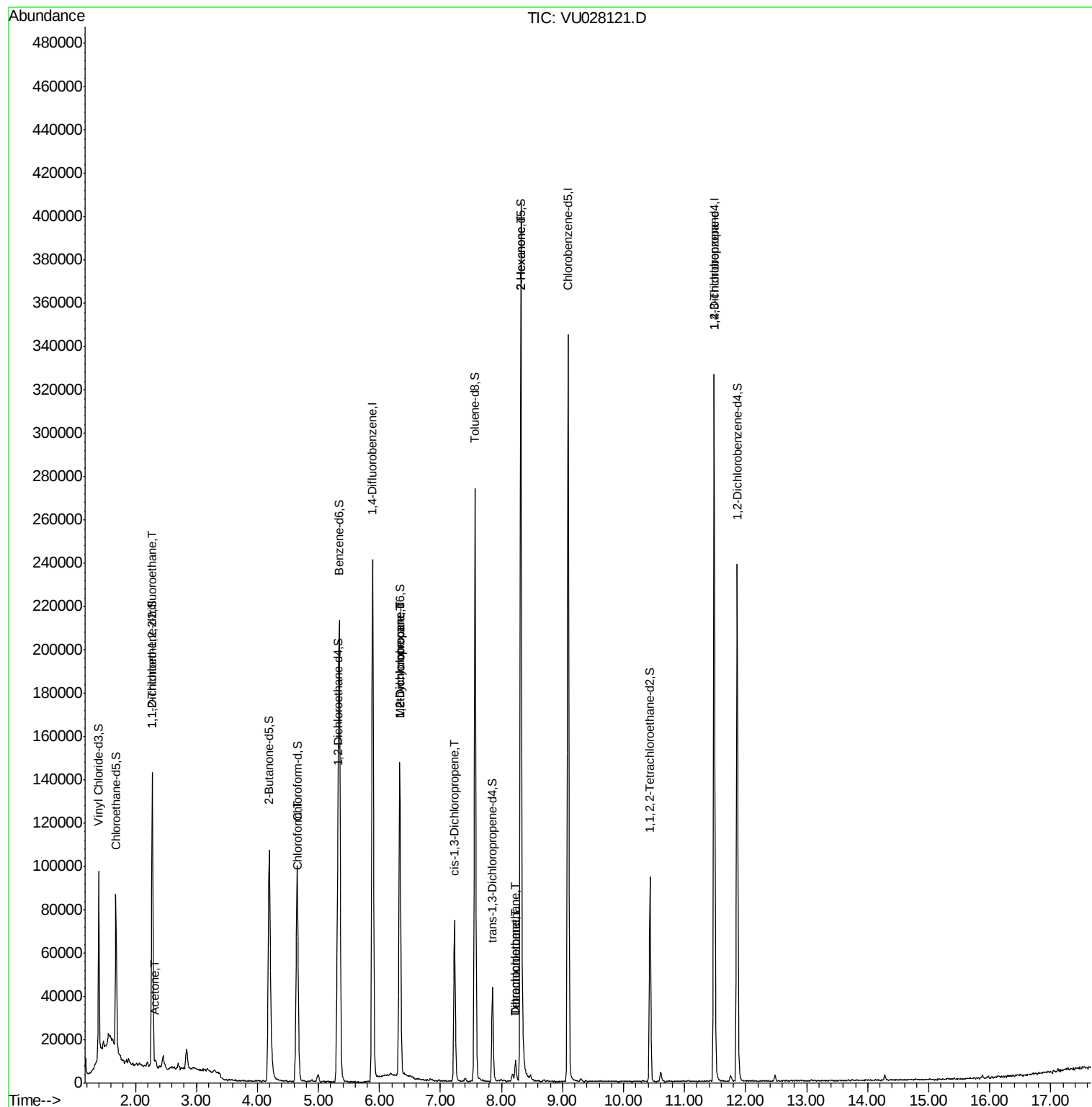
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	634	0.050	ug/L #	20
13) Acetone	2.33	43	2577	0.830	ug/L	94
25) Chloroform	4.67	83	4075	0.160	ug/L	99
35) Methylcyclohexane	6.33	83	14895	0.580	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7746	0.464	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1597	0.071	ug/L #	25
47) Tetrachloroethene	8.23	164	2245	0.185	ug/L	97
48) 2-Hexanone	8.31	43	17571	2.147	ug/L #	67
49) Dibromochloromethane	8.22	129	2036	0.190	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	11660	1.243	ug/L	92

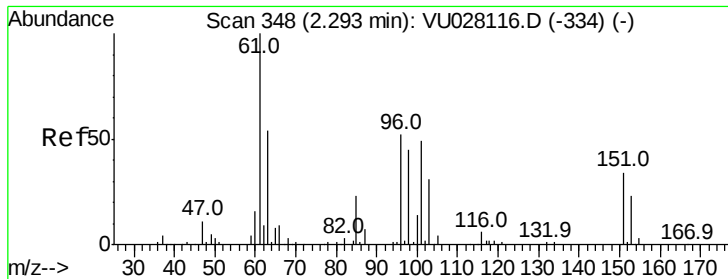
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration





#10

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

Concen: 0.050 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028121.D

Acq: 14 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampled :

F9C06

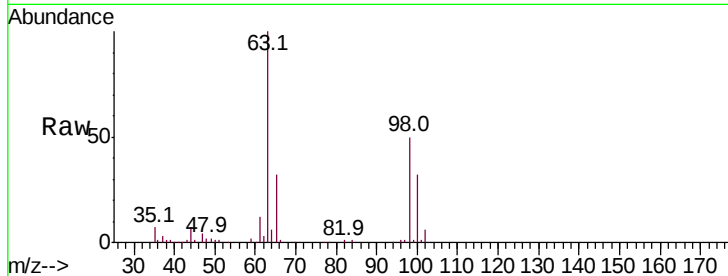
Tot Ion:101 Resp: 634

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

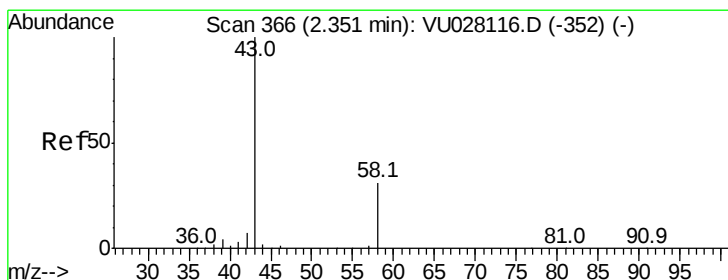
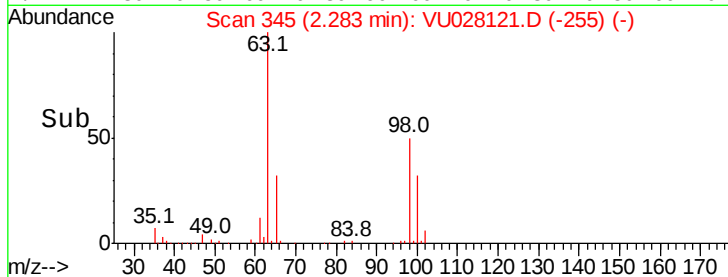
300

200

100

0

Time--> 2.24 2.26 2.28 2.30 2.32



#13

Acetone

Concen: 0.830 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.02 min

Lab File: VU028121.D

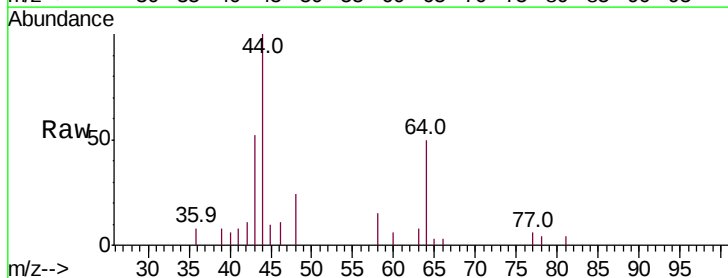
Acq: 14 Nov 2018 15:23

Tgt Ion: 43 Resp: 2577

Ion Ratio Lower Upper

43 100

58 27.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.33

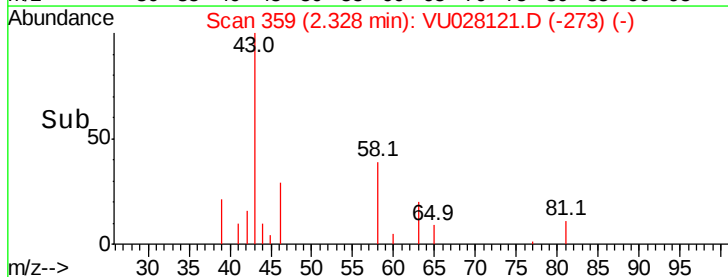
1500

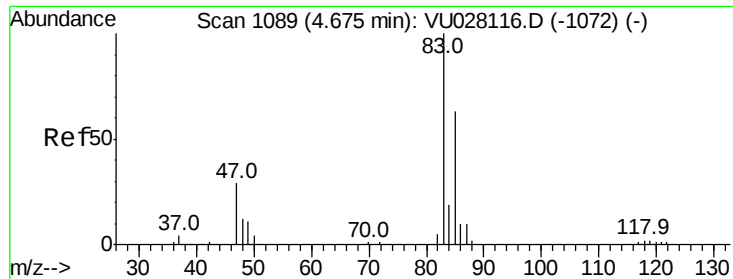
1000

500

0

Time--> 2.30 2.35

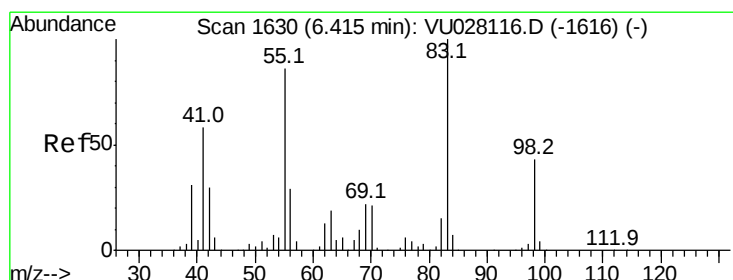
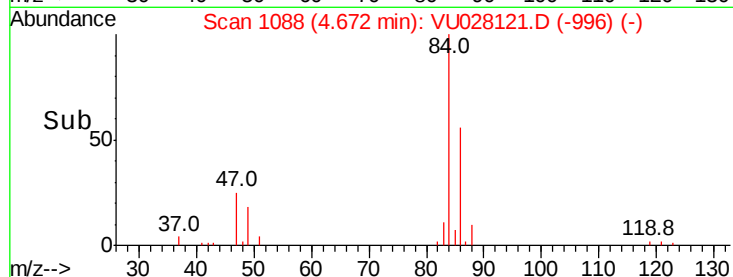
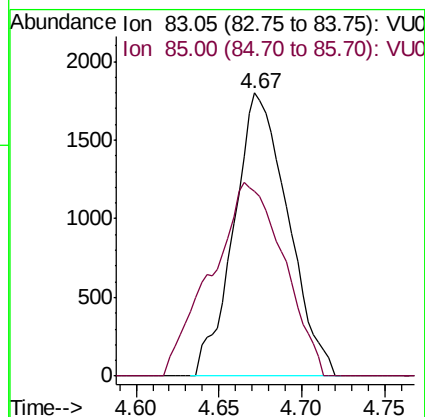
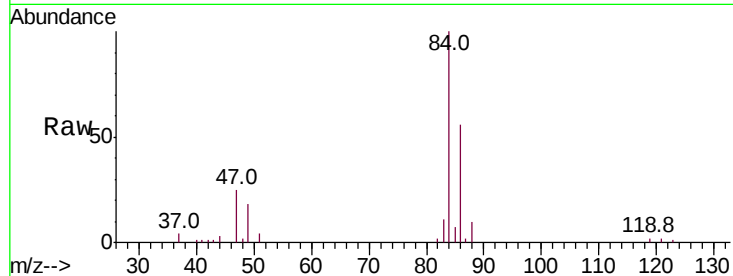




#25
Chloroform
Concen: 0.160 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028121.D
Acq: 14 Nov 2018 15:23

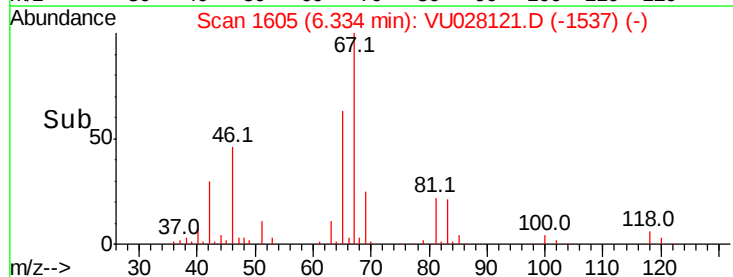
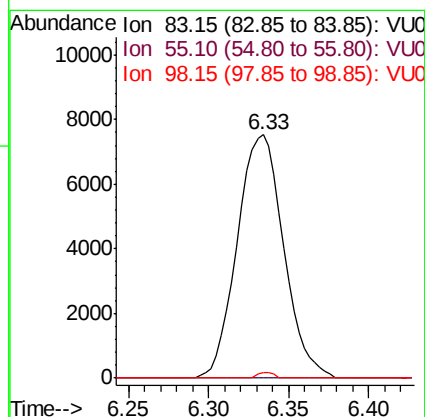
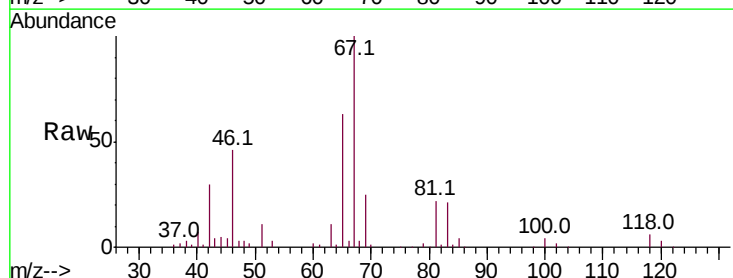
Instrument :
MSVOA_U
ClientSampleId :
F9C06

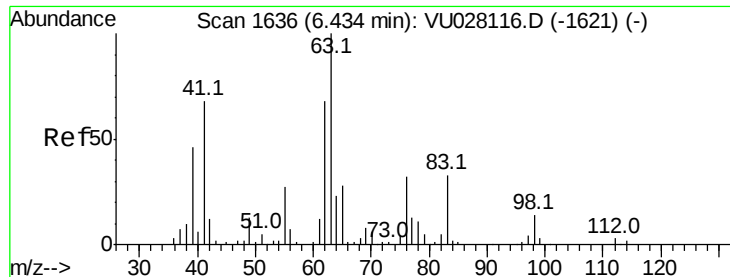
Tot Ion: 83 Resp: 4075
Ion Ratio Lower Upper
83 100
85 65.1 45.0 83.6



#35
Methylcyclohexane
Concen: 0.580 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028121.D
Acq: 14 Nov 2018 15:23

Tgt Ion: 83 Resp: 14895
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.8 33.3 49.9#





#37

1,2-Dichloropropane

Concen: 0.464 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028121.D

Acq: 14 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

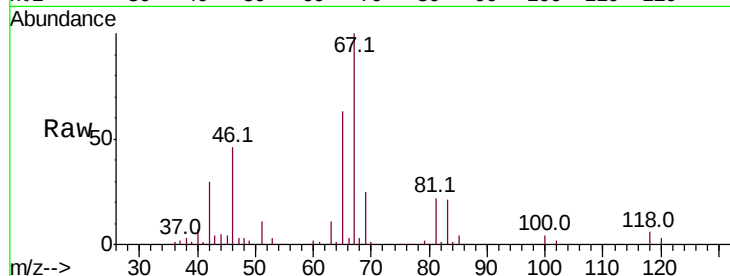
F9C06

Tot Ion: 63 Resp: 7746

Ion Ratio Lower Upper

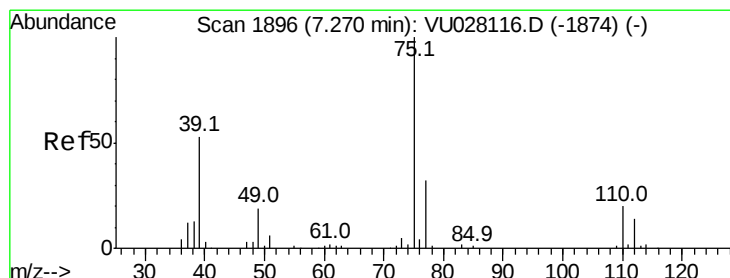
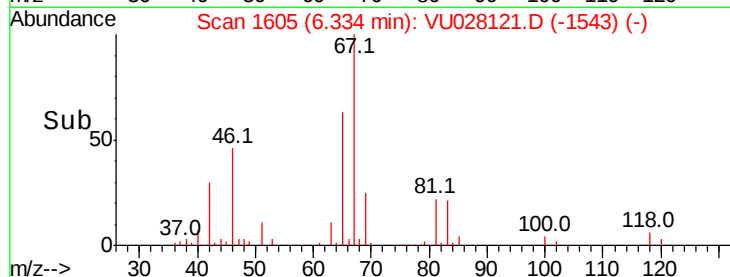
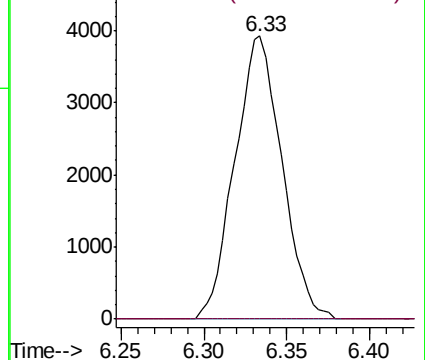
63 100

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: 0.071 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU028121.D

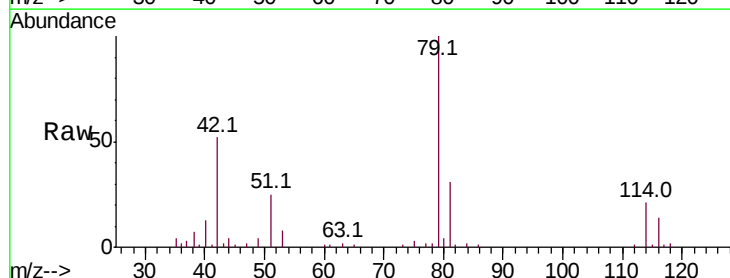
Acq: 14 Nov 2018 15:23

Tgt Ion: 75 Resp: 1597

Ion Ratio Lower Upper

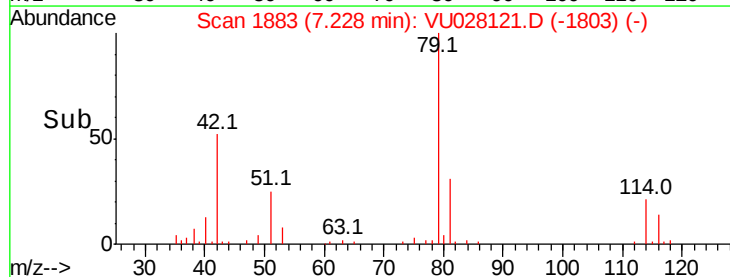
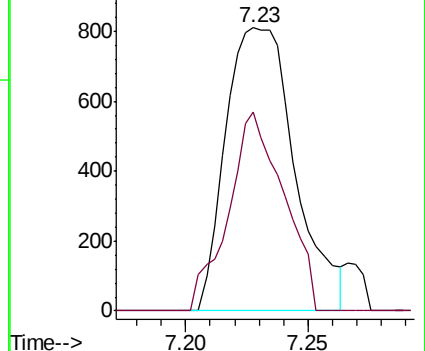
75 100

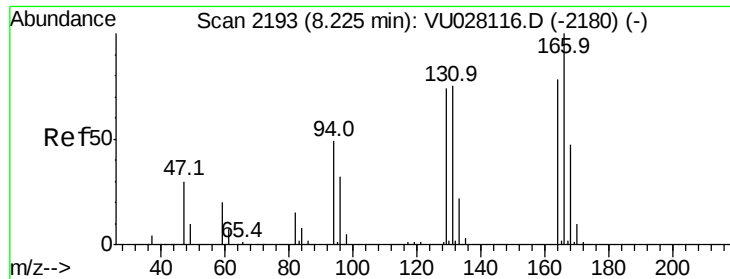
77 70.2 20.9 38.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 0.185 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028121.D

Acq: 14 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

F9C06

Tot Ion:164 Resp: 2245

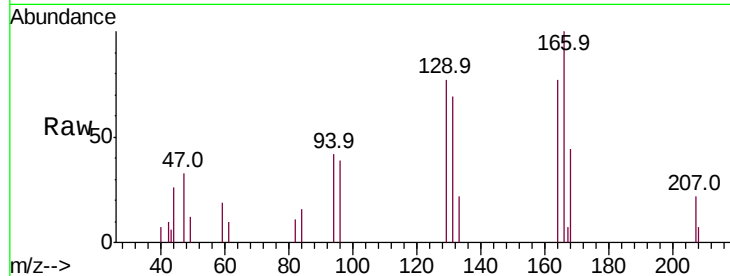
Ion Ratio Lower Upper

164 100

129 99.8 69.7 129.4

131 89.5 64.0 118.8

166 129.6 86.4 160.4

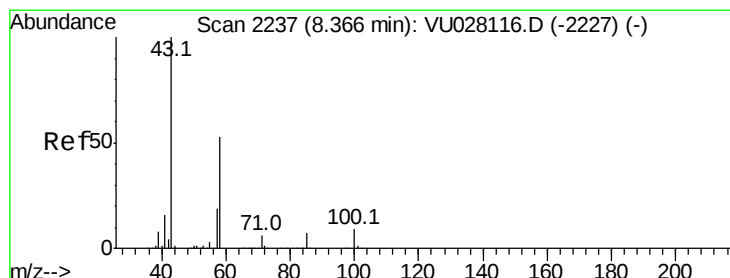
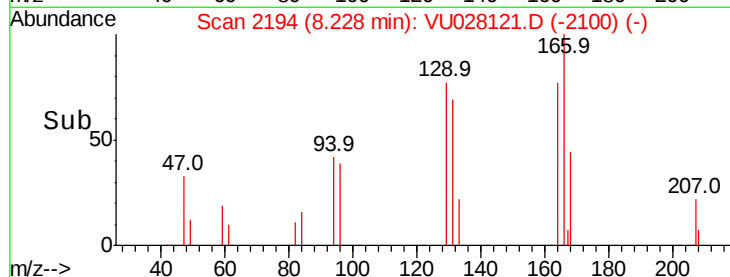
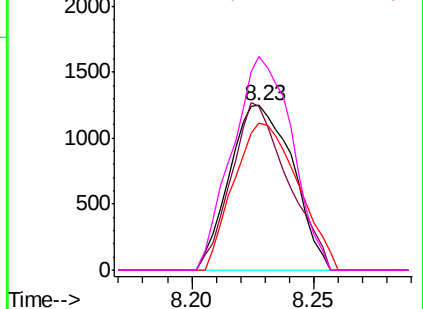


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 2.147 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU028121.D

Acq: 14 Nov 2018 15:23

Tgt Ion: 43 Resp: 17571

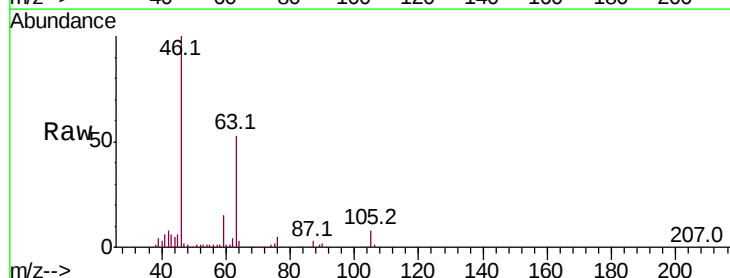
Ion Ratio Lower Upper

43 100

58 21.8 41.7 62.5#

57 21.1 14.0 21.0#

100 0.0 7.2 10.8#

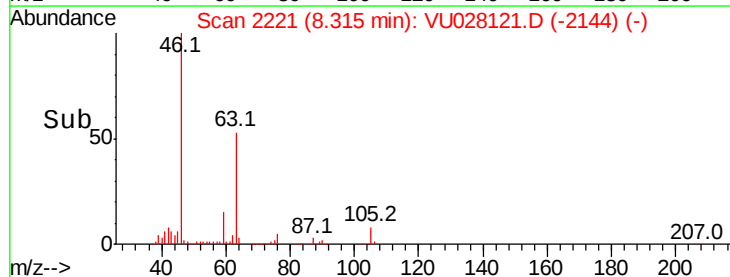
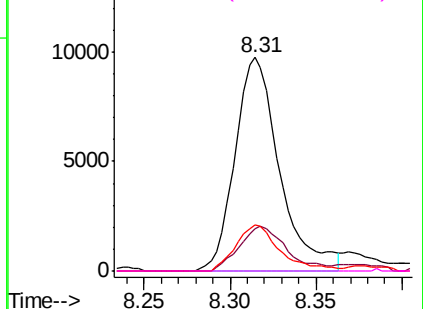


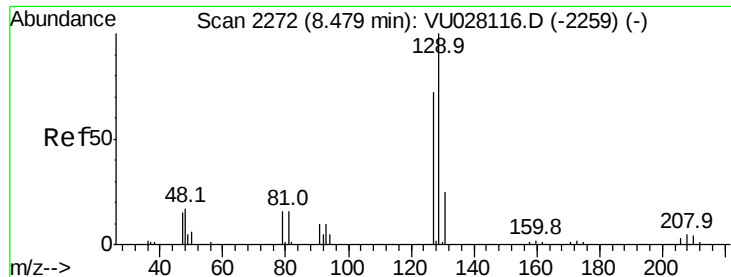
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.190 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028121.D

Acq: 14 Nov 2018 15:23

Instrument :

MSVOA_U

ClientSampleId :

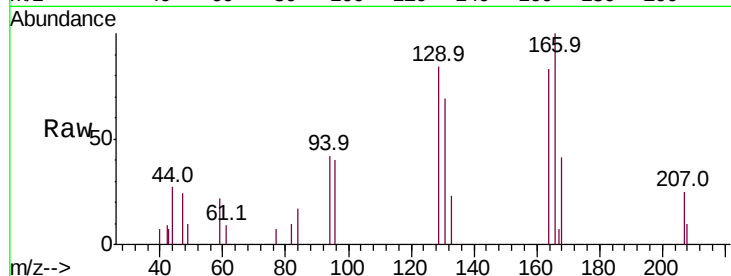
F9C06

Tot Ion:129 Resp: 2036

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

8.22

1500

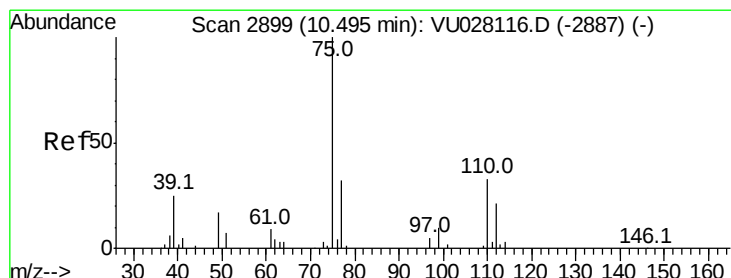
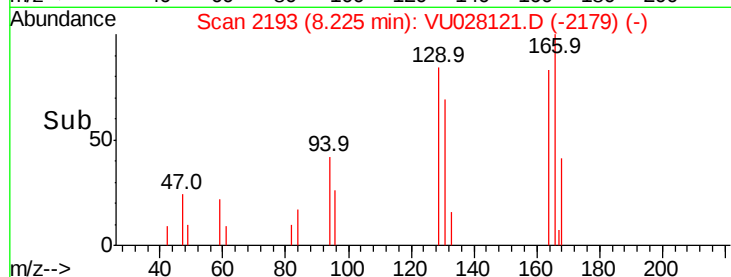
1000

500

0

Time-->

8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028121.D

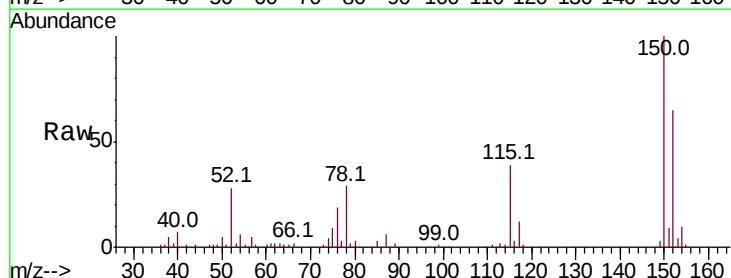
Acq: 14 Nov 2018 15:23

Tgt Ion: 75 Resp: 11660

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

8000

6000

4000

2000

0

Time-->

11.45 11.50 11.55

