

Data File : VU035227.D
Acq On : 17 Oct 2019 21:52
Operator : JC/SP
Sample : K5318-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CH1

Quant Time: Oct 18 03:53:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	345420	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	334784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	139847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112750	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.93	69	101712	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.59	63	157559	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.72	46	302225	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	5.11	84	204205	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.75	65	119165	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.77	84	424437	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.74	67	134250	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.93	98	403223	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
43) trans-1,3-Dichloropropene-	8.22	79	59857	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.69	63	266704	51.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112027	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	136632	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

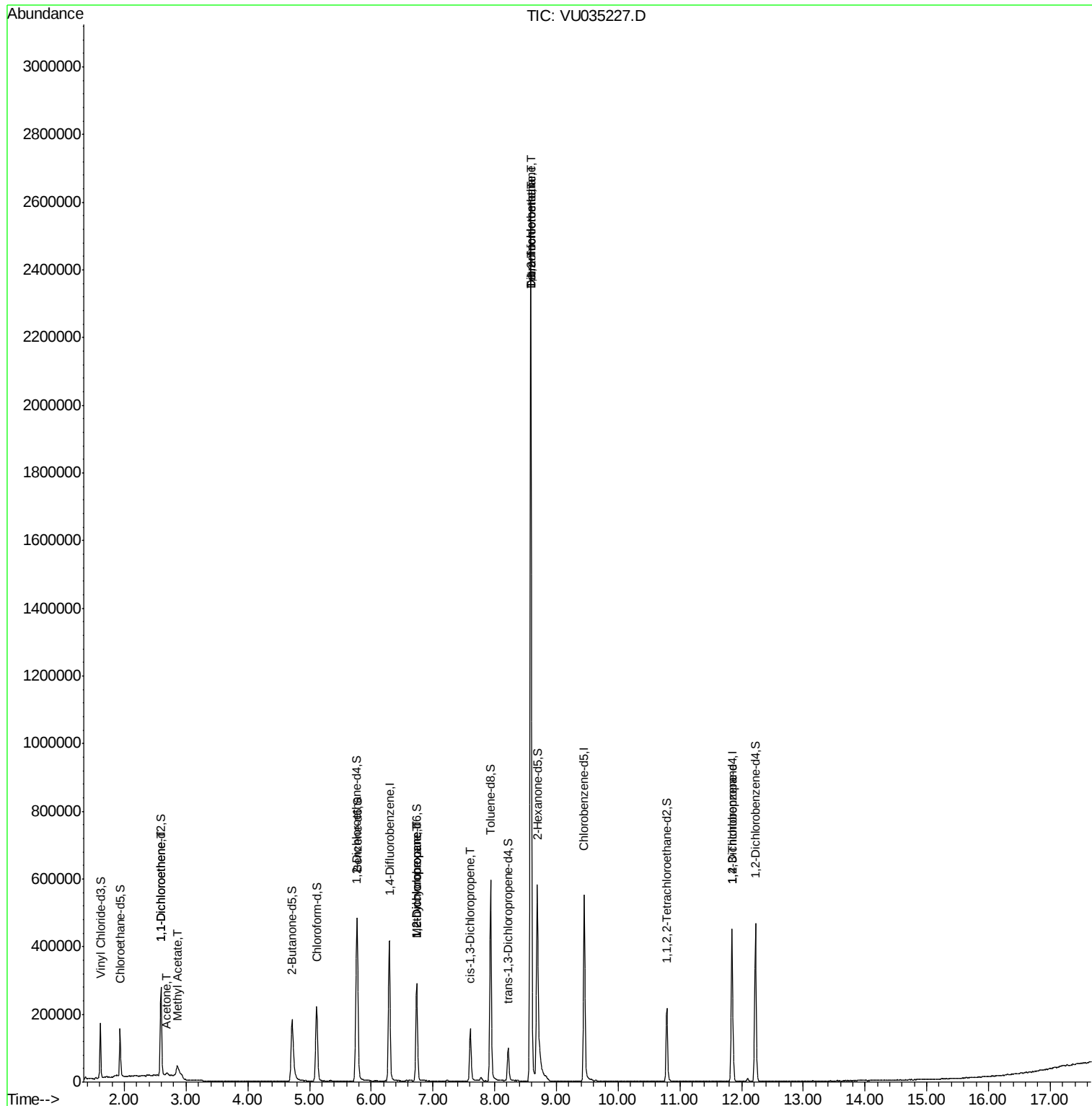
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1556	0.070 ug/L #	1
13) Acetone	2.69	43	9626	2.286 ug/L	91
15) Methyl Acetate	2.86	43	10588	1.009 ug/L #	51
35) Methylcyclohexane	6.74	83	32057	0.724 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15576	0.623 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	4152	0.099 ug/L #	21
45) 1,1,2-Trichloroethane	8.58	97	4654	0.251 ug/L #	1
47) Tetrachloroethene	8.58	164	602502	27.309 ug/L	98
49) Dibromochloromethane	8.58	129	535967	22.772 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	16767	0.962 ug/L #	88

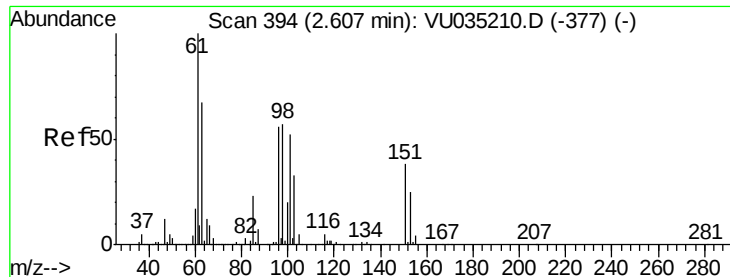
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 03:45:16 2019
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#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035227.D

Acq: 17 Oct 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

C0CH1

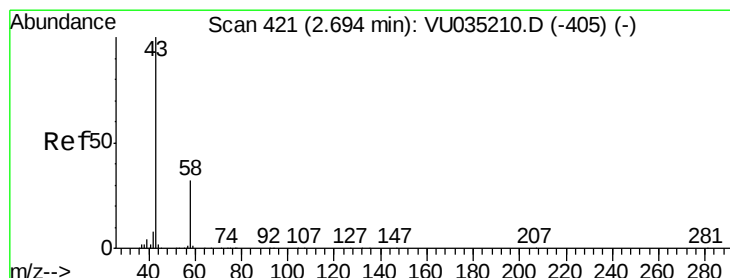
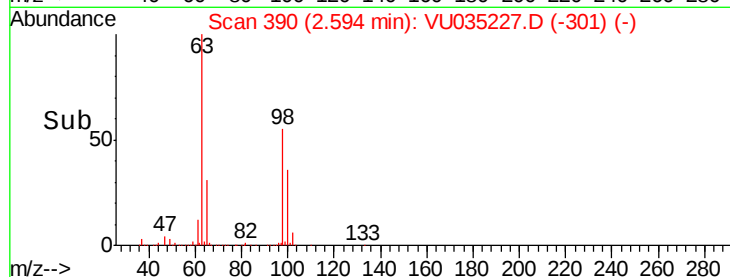
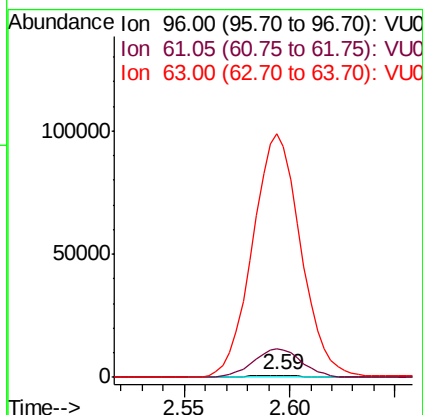
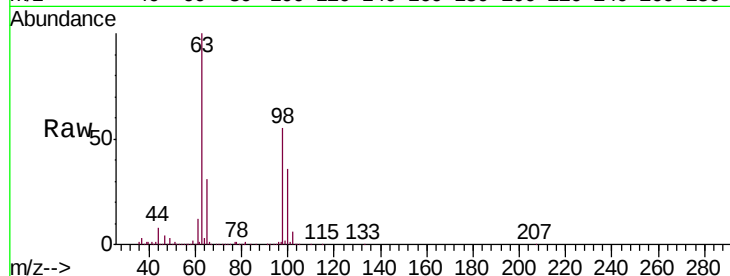
Tgt Ion: 96 Resp: 1556

Ion Ratio Lower Upper

96 100

61 1524.6 120.6 224.0#

63 13058.9 86.8 161.2#



#13

Acetone

Concen: 2.286 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU035227.D

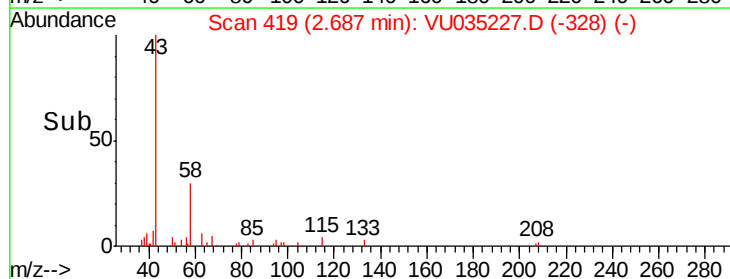
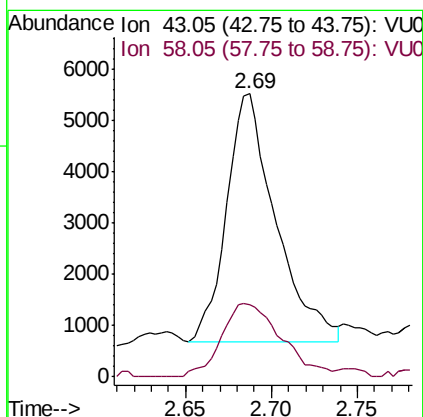
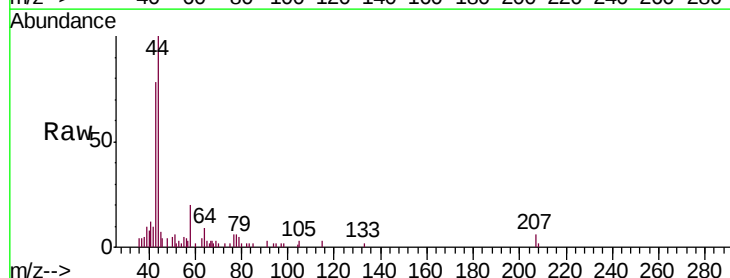
Acq: 17 Oct 2019 21:52

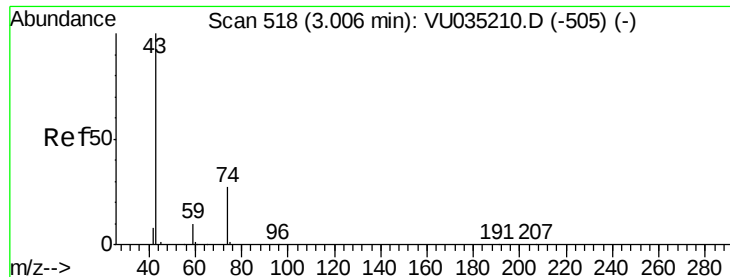
Tgt Ion: 43 Resp: 9626

Ion Ratio Lower Upper

43 100

58 36.0 0.0 61.8

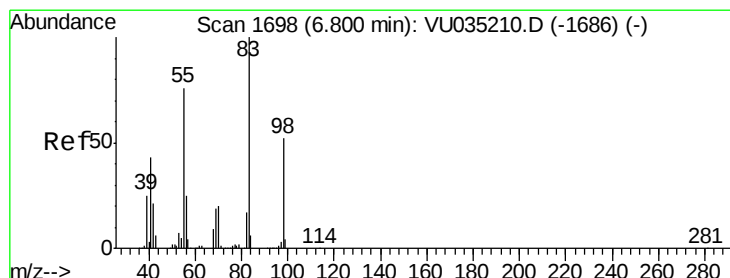
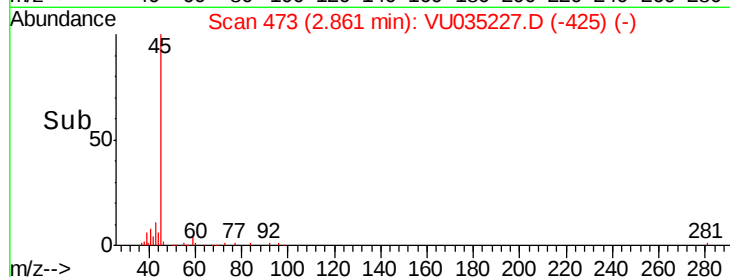
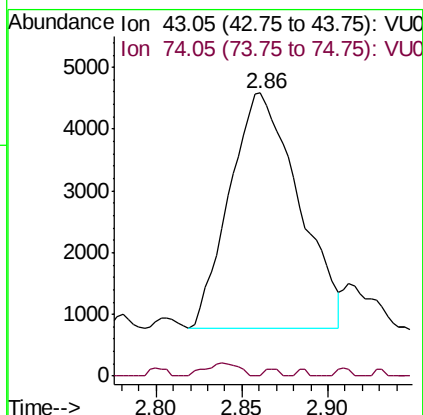
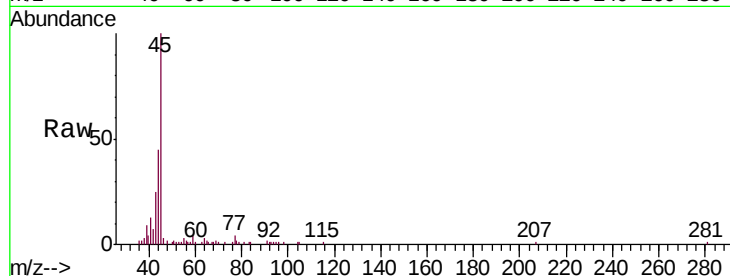




#15
Methyl Acetate
Concen: 1.009 ug/L
RT: 2.86 min Scan# 473
Delta R.T. -0.14 min
Lab File: VU035227.D
Acq: 17 Oct 2019 21:52

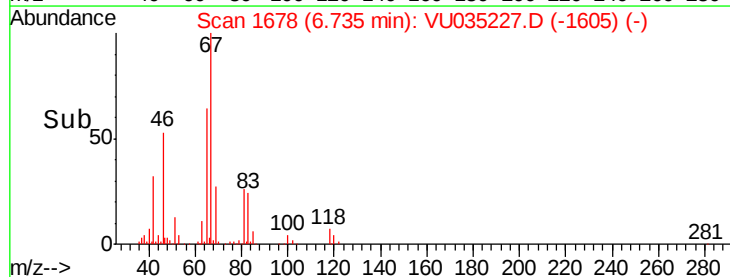
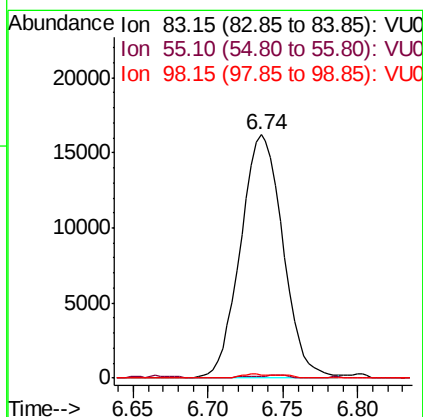
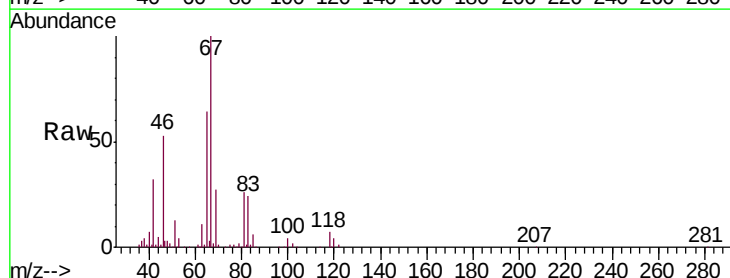
Instrument :
MSVOA_U
ClientSampleId :
C0CH1

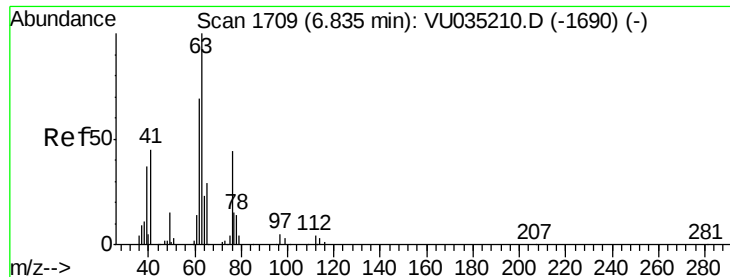
Tgt Ion: 43 Resp: 10588
Ion Ratio Lower Upper
43 100
74 0.7 20.3 30.5#



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035227.D
Acq: 17 Oct 2019 21:52

Tgt Ion: 83 Resp: 32057
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 0.9 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035227.D

Acq: 17 Oct 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

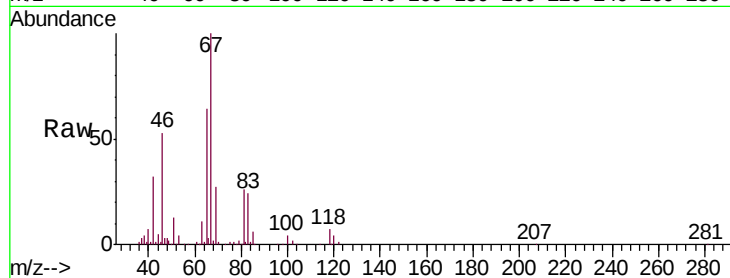
C0CH1

Tgt Ion: 63 Resp: 15576

Ion Ratio Lower Upper

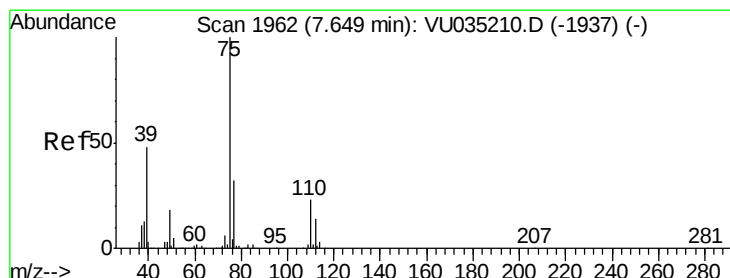
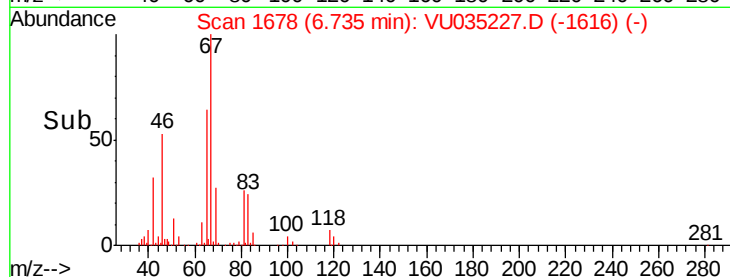
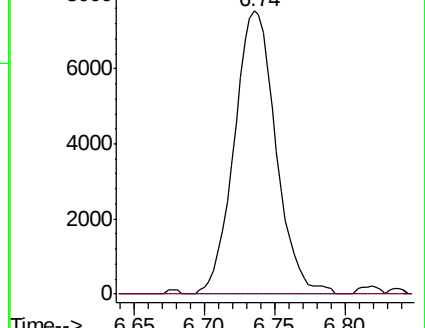
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035210.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035210.D (-1690) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.05 min

Lab File: VU035227.D

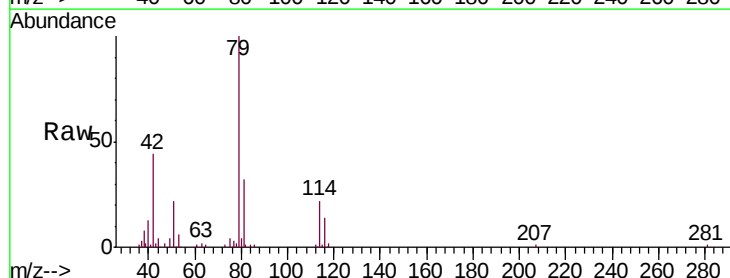
Acq: 17 Oct 2019 21:52

Tgt Ion: 75 Resp: 4152

Ion Ratio Lower Upper

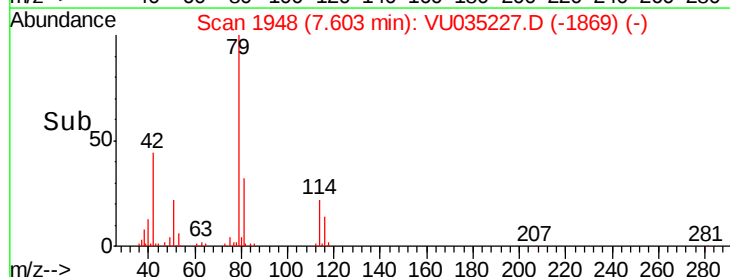
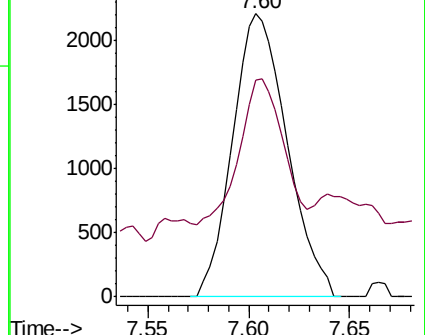
75 100

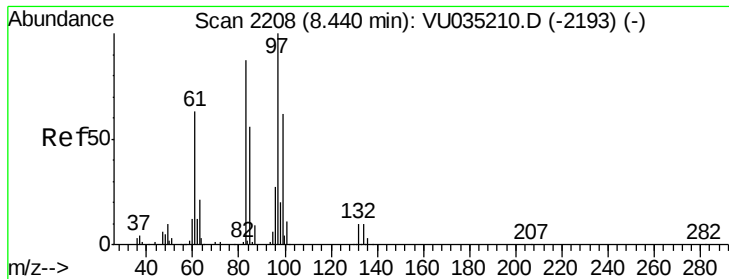
77 76.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035210.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035210.D (-1937) (-)





#45

1,1,2-Trichloroethane

Concen: 0.251 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.14 min

Lab File: VU035227.D

Acq: 17 Oct 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

C0CH1

Tgt Ion: 97 Resp: 4654

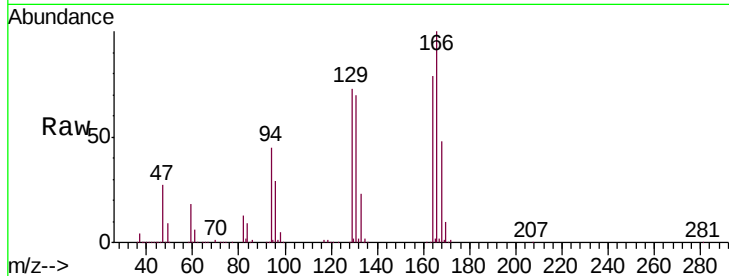
Ion Ratio Lower Upper

97 100

99 16.8 42.9 79.7#

83 259.4 60.4 112.2#

85 41.9 38.4 71.2



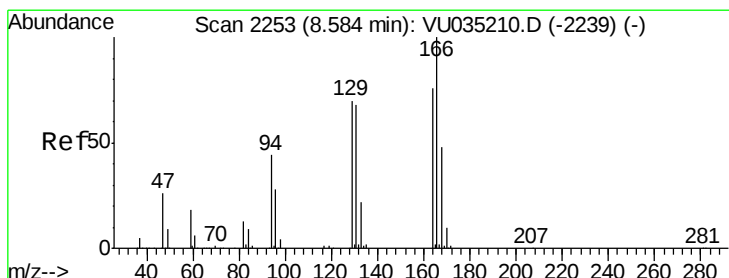
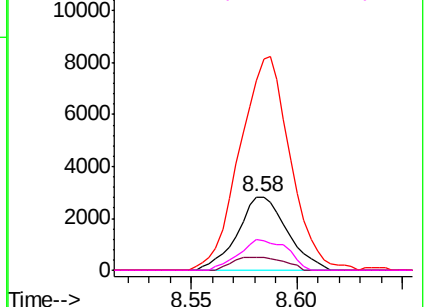
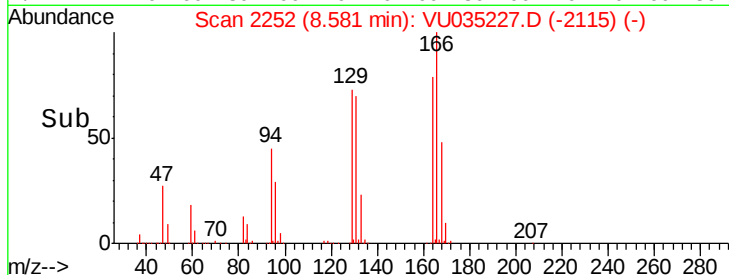
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 27.309 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035227.D

Acq: 17 Oct 2019 21:52

Tgt Ion: 164 Resp: 602502

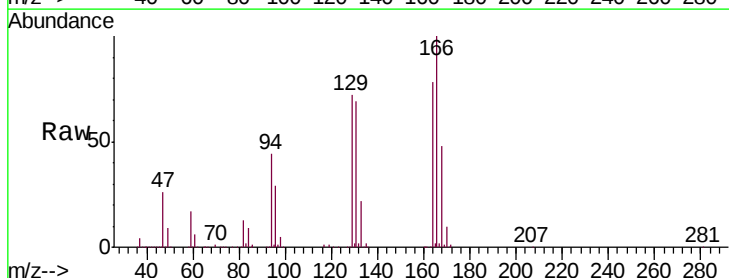
Ion Ratio Lower Upper

164 100

129 91.4 65.2 121.0

131 88.6 62.9 116.9

166 127.7 91.5 169.9



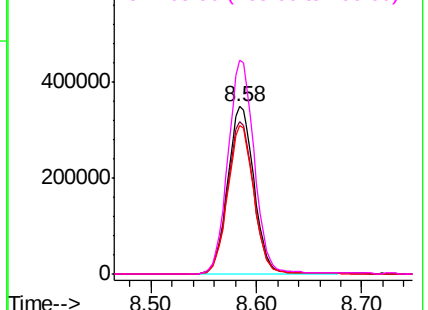
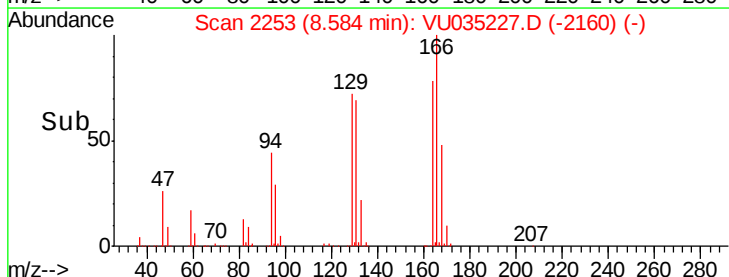
Abundance

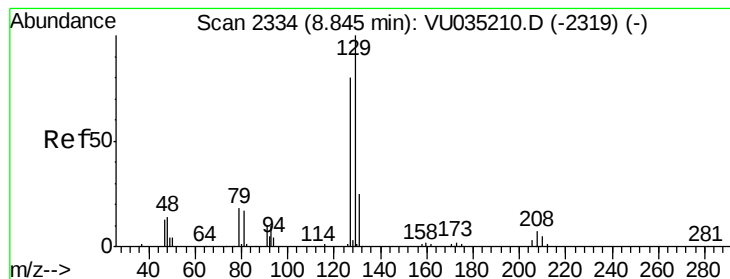
Ion 163.90 (163.60 to 164.60): V

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: 22.772 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035227.D

Acq: 17 Oct 2019 21:52

Instrument :

MSVOA_U

ClientSampleId :

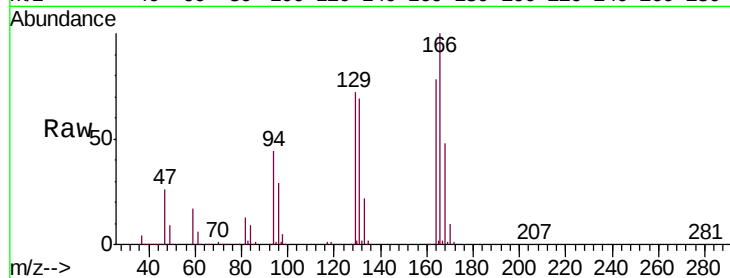
C0CH1

Tgt Ion:129 Resp: 535967

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

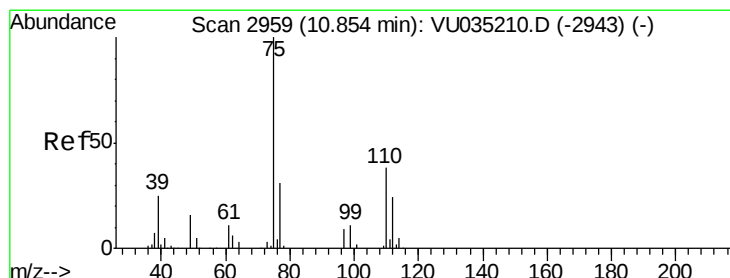
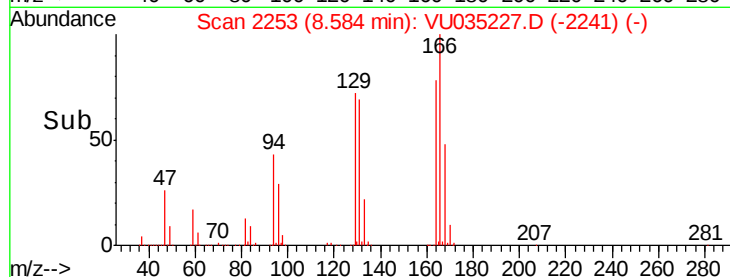
300000

200000

100000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.962 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035227.D

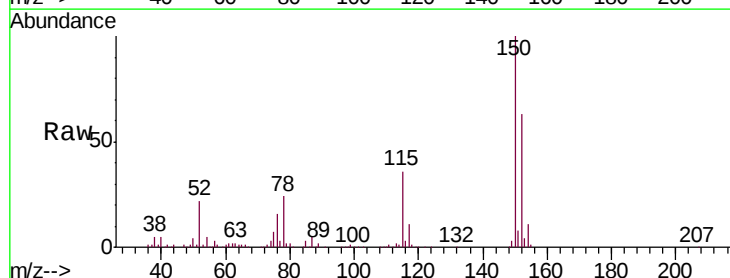
Acq: 17 Oct 2019 21:52

Tgt Ion: 75 Resp: 16767

Ion Ratio Lower Upper

75 100

77 39.3 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

10000

8000

6000

4000

2000

0

Time-->

