

Data File : VU035221.D
Acq On : 17 Oct 2019 19:31
Operator : JC/SP
Sample : K5318-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG5

Quant Time: Oct 18 03:51:28 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	370841	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	351931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	148121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109643	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	96629	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	153076	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.72	46	287733	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	5.11	84	194851	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.75	65	109105	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	401560	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.74	67	129334	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	385710	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.22	79	57989	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.69	63	243565	44.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105878	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	131381	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

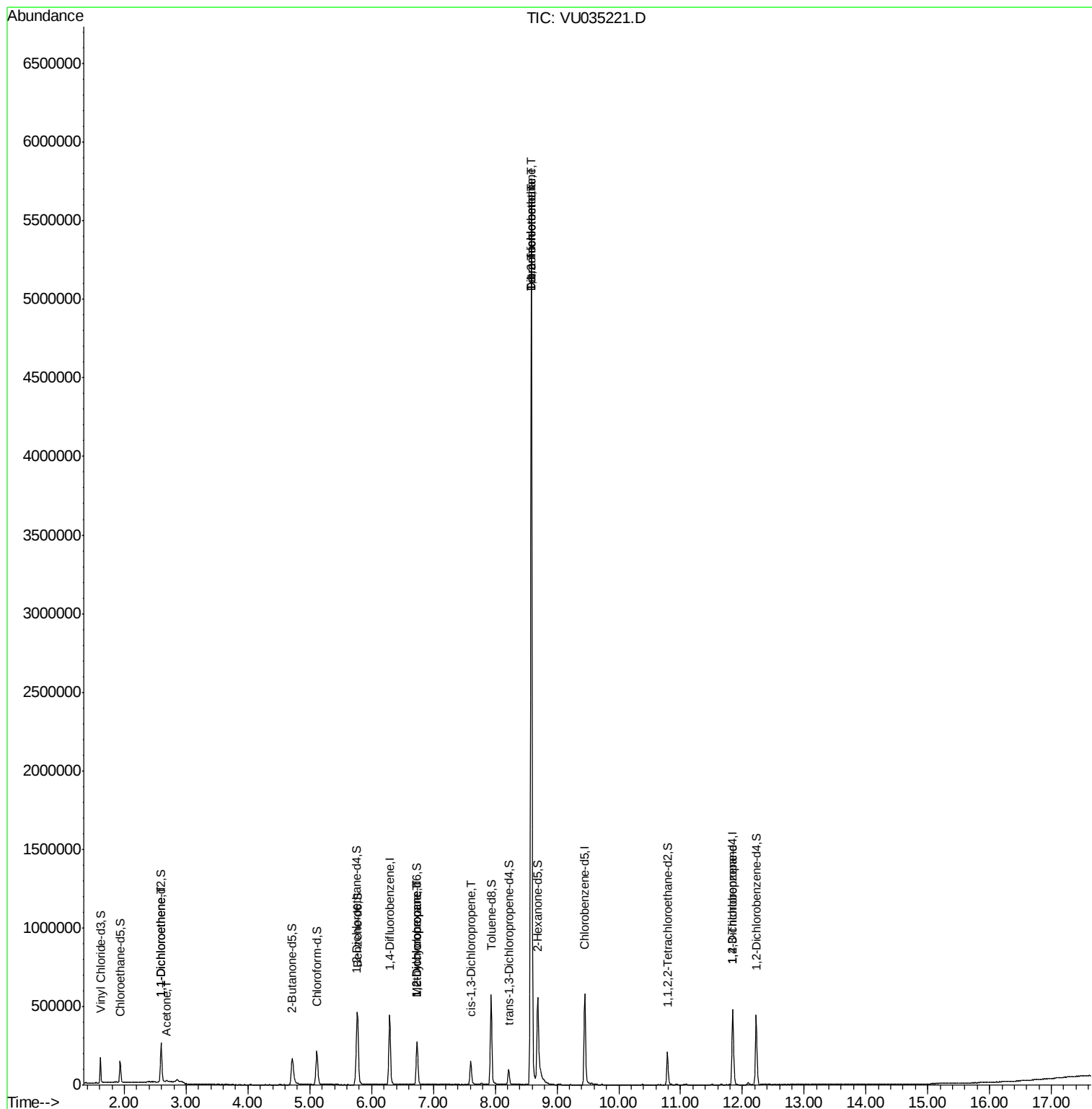
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1712	0.072 ug/L #	1
13) Acetone	2.68	43	10723	2.372 ug/L	90
35) Methylcyclohexane	6.74	83	30185	0.649 ug/L #	20
37) 1,2-Dichloropropane	6.74	63	14530	0.553 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4086	0.093 ug/L #	37
45) 1,1,2-Trichloroethane	8.58	97	10827	0.555 ug/L #	1
47) Tetrachloroethene	8.59	164	1288193	55.543 ug/L	99
49) Dibromochloromethane	8.58	129	1169349	47.262 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	18106	0.989 ug/L	91

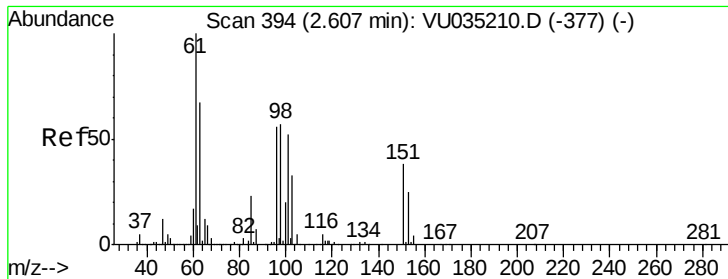
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035221.D
Acq On : 17 Oct 2019 19:31
Operator : JC/SP
Sample : K5318-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG5

Quant Time: Oct 18 03:51:28 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





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU035221.D

Acq: 17 Oct 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

C0CG5

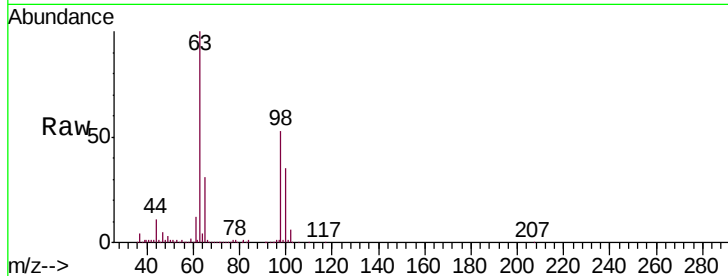
Tgt Ion: 96 Resp: 1712

Ion Ratio Lower Upper

96 100

61 1284.2 120.6 224.0#

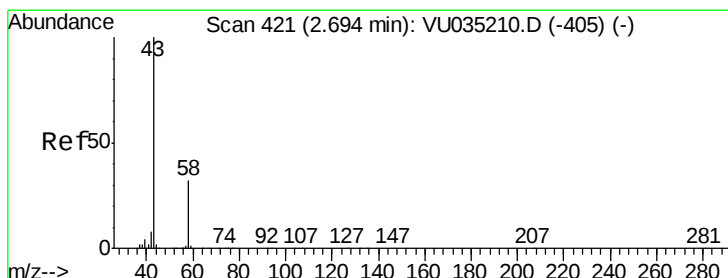
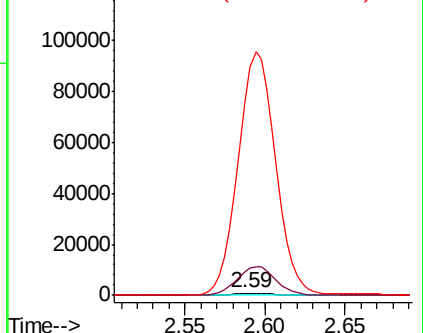
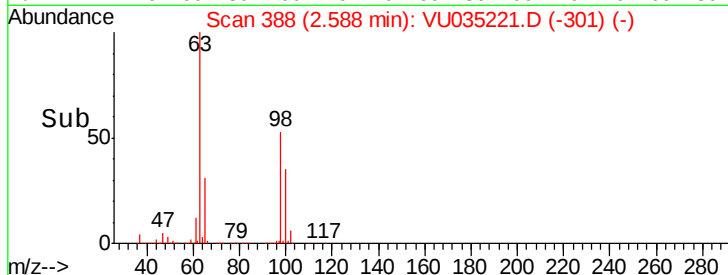
63 10746.6 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035221.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035221.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035221.D (-301) (-)



#13

Acetone

Concen: 2.372 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU035221.D

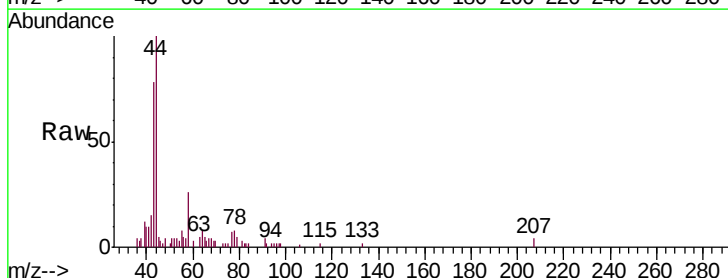
Acq: 17 Oct 2019 19:31

Tgt Ion: 43 Resp: 10723

Ion Ratio Lower Upper

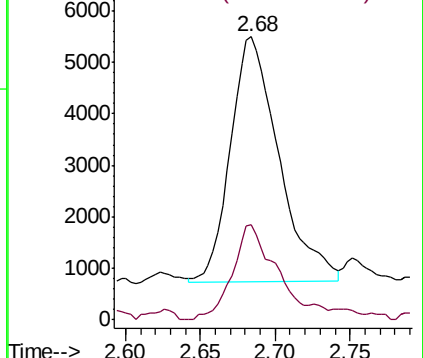
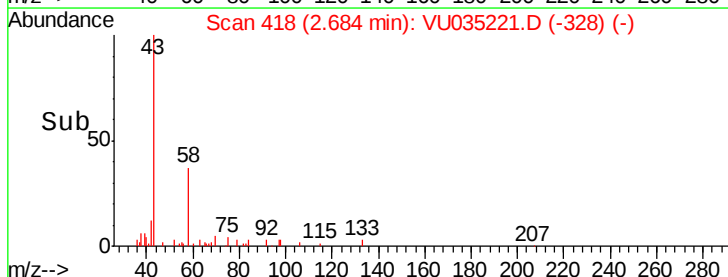
43 100

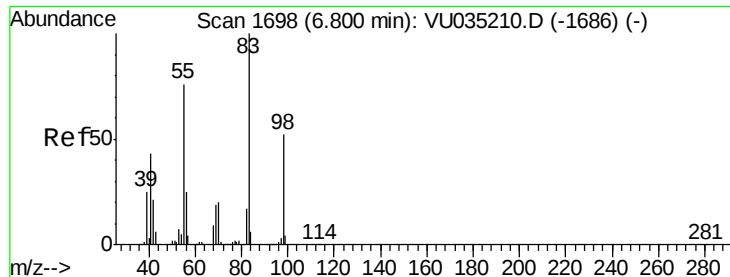
58 36.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035221.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU035221.D (-328) (-)

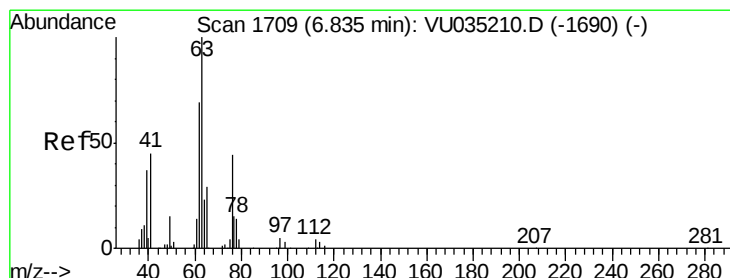
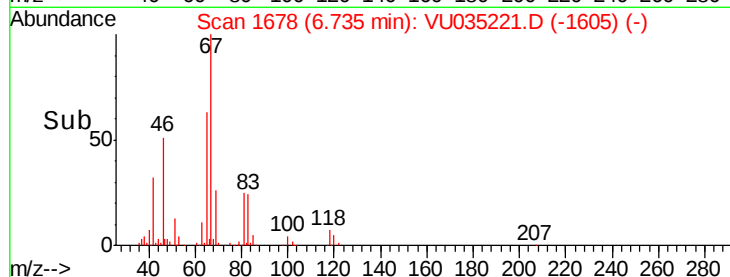
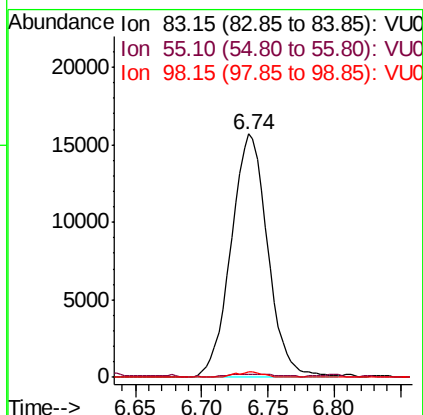
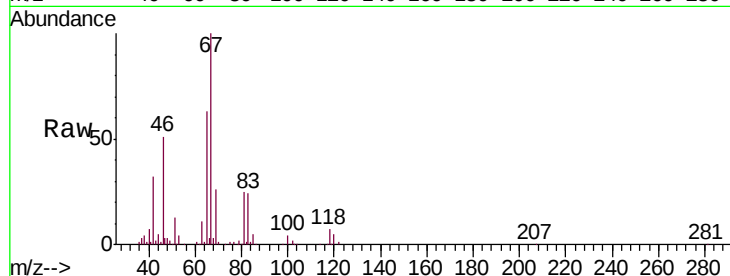




#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035221.D
Acq: 17 Oct 2019 19:31

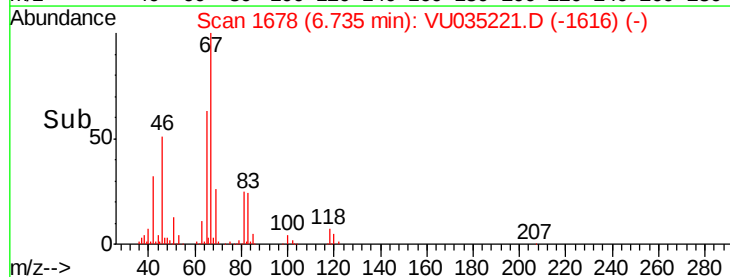
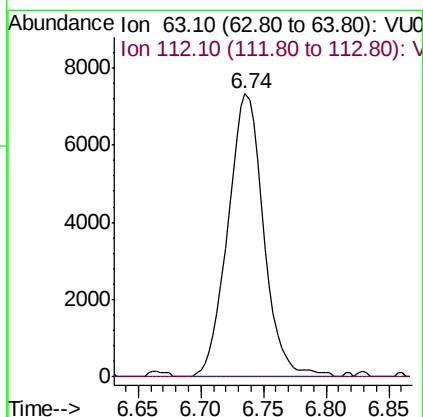
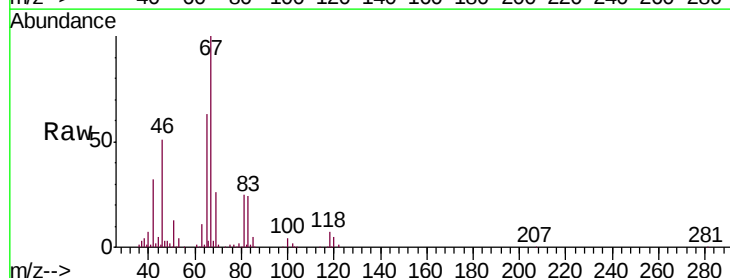
Instrument :
MSVOA_U
ClientSampleId :
C0CG5

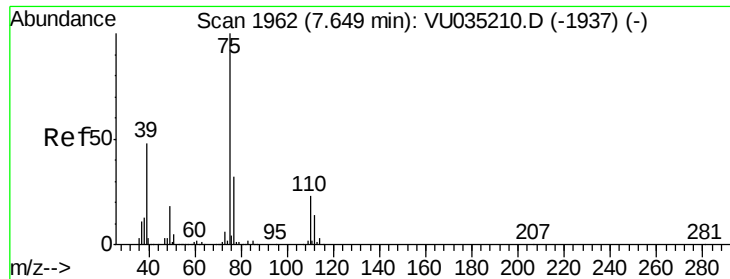
Tgt Ion: 83 Resp: 30185
Ion Ratio Lower Upper
83 100
55 1.7 60.4 90.6#
98 1.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035221.D
Acq: 17 Oct 2019 19:31

Tgt Ion: 63 Resp: 14530
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035221.D

Acq: 17 Oct 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

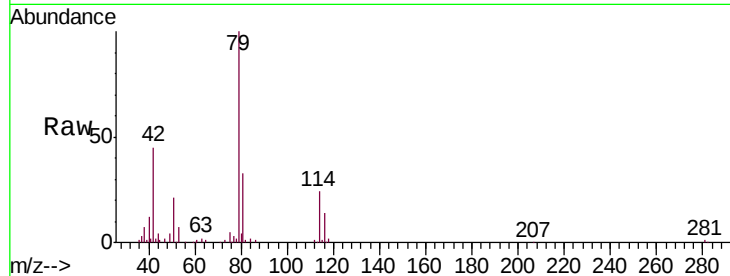
C0CG5

Tgt Ion: 75 Resp: 4086

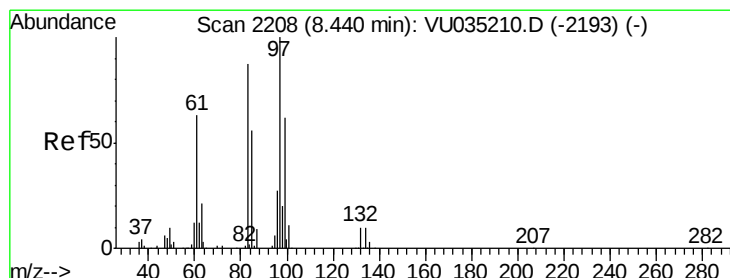
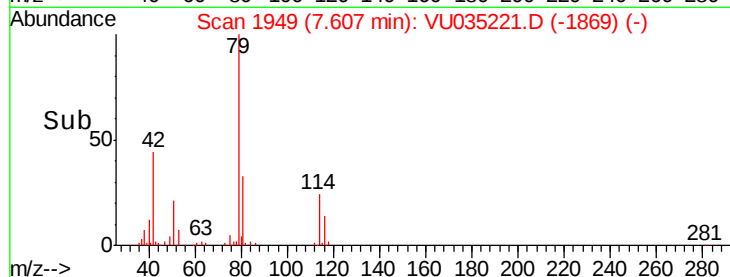
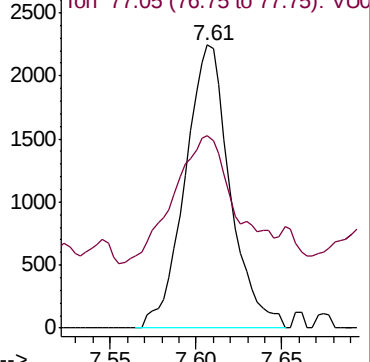
Ion Ratio Lower Upper

75 100

77 67.8 22.7 42.1#



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



#45

1,1,2-Trichloroethane

Concen: 0.555 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.14 min

Lab File: VU035221.D

Acq: 17 Oct 2019 19:31

Tgt Ion: 97 Resp: 10827

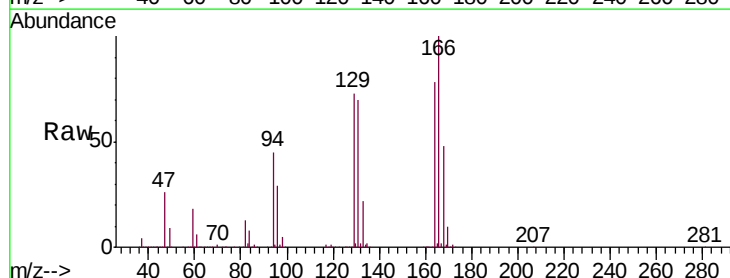
Ion Ratio Lower Upper

97 100

99 16.2 42.9 79.7#

83 250.9 60.4 112.2#

85 37.5 38.4 71.2#



Abundance Ion 96.95 (96.65 to 97.65): VU035210.D (-2193) (-)

Ion 99.05 (98.75 to 99.75): VU035210.D (-2193) (-)

Ion 82.95 (82.65 to 83.65): VU035210.D (-2193) (-)

Ion 85.00 (84.70 to 85.70): VU035210.D (-2193) (-)

Abundance Ion 96.95 (96.65 to 97.65): VU035221.D (-2115) (-)

Ion 99.05 (98.75 to 99.75): VU035221.D (-2115) (-)

Ion 82.95 (82.65 to 83.65): VU035221.D (-2115) (-)

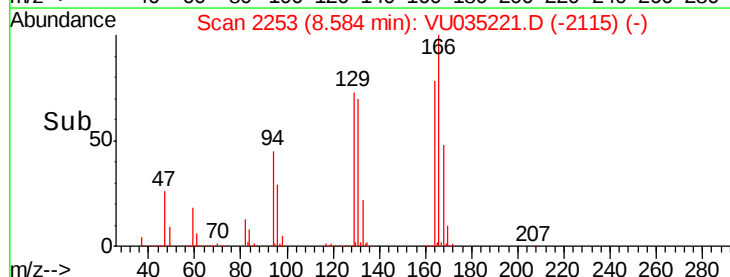
Ion 85.00 (84.70 to 85.70): VU035221.D (-2115) (-)

Abundance Ion 96.95 (96.65 to 97.65): VU035221.D (-2115) (-)

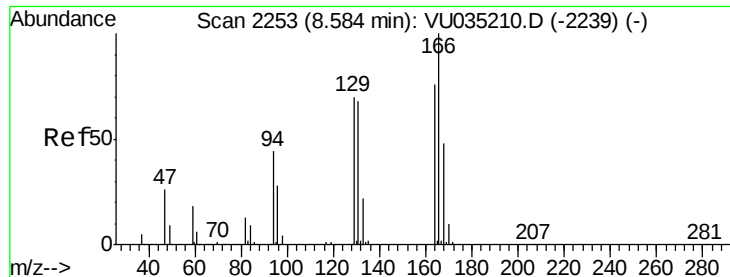
Ion 99.05 (98.75 to 99.75): VU035221.D (-2115) (-)

Ion 82.95 (82.65 to 83.65): VU035221.D (-2115) (-)

Ion 85.00 (84.70 to 85.70): VU035221.D (-2115) (-)



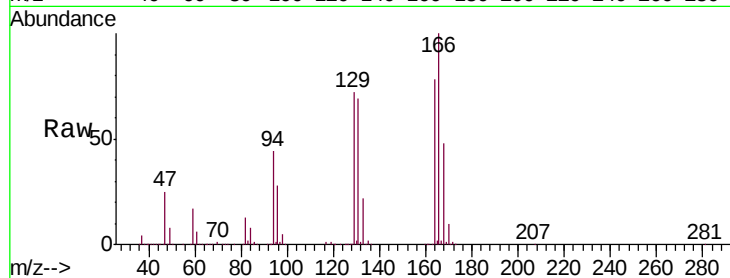
Time-->



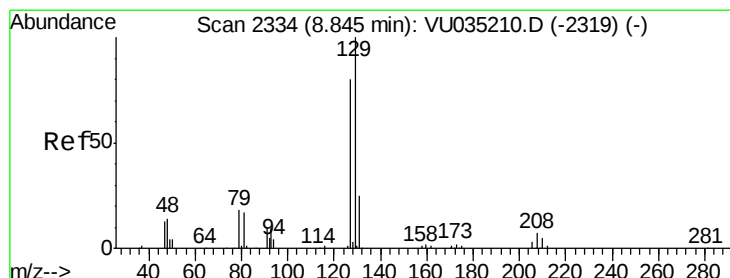
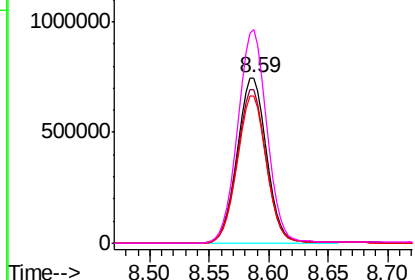
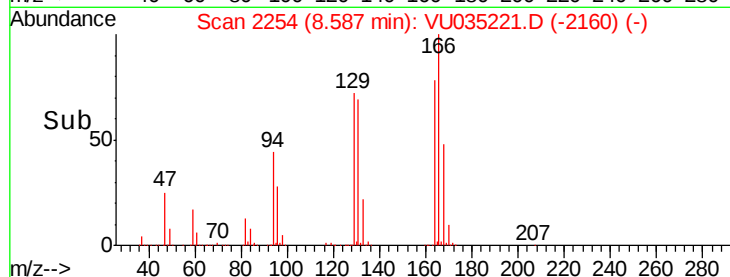
#47
Tetrachloroethene
Concen: 55.543 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035221.D
Acq: 17 Oct 2019 19:31

Instrument :
MSVOA_U
ClientSampled :
C0CG5

Tgt Ion:164 Resp: 1288193
Ion Ratio Lower Upper
164 100
129 93.0 65.2 121.0
131 89.2 62.9 116.9
166 128.9 91.5 169.9

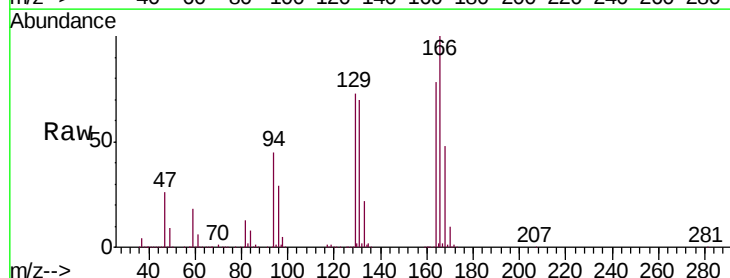


Abundance Ion 163.90 (163.60 to 164.60): V
1500000
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

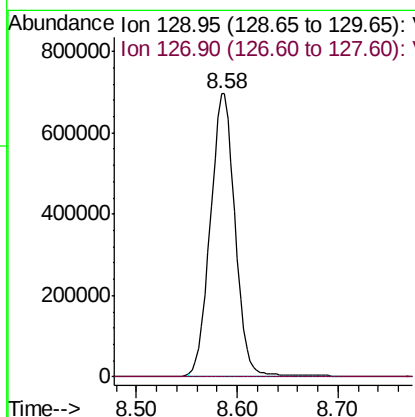
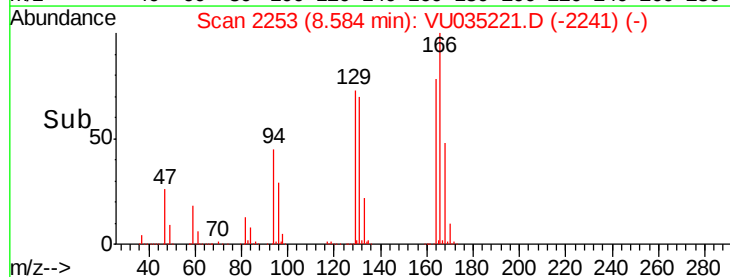


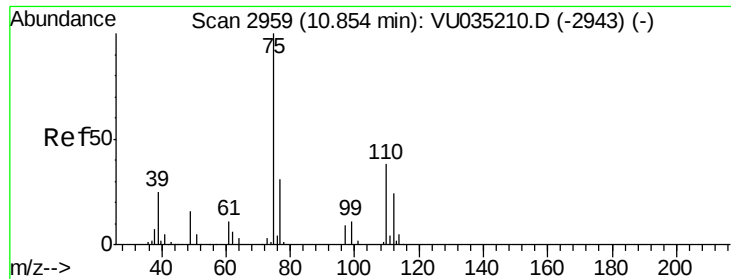
#49
Dibromochloromethane
Concen: 47.262 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035221.D
Acq: 17 Oct 2019 19:31

Tgt Ion:129 Resp: 1169349
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V
800000
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035221.D

Acq: 17 Oct 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

C0CG5

Tgt Ion: 75 Resp: 18106

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

