

Data File : VU035226.D
Acq On : 17 Oct 2019 21:28
Operator : JC/SP
Sample : K5318-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CH0

Quant Time: Oct 18 03:52:49 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	380184	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	359323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	151554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110530	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	97867	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.60	63	153047	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.72	46	287639	43.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	5.11	84	199197	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	112273	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.77	84	410450	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.74	67	131805	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	383766	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.22	79	58323	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.69	63	240467	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105309	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	131072	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

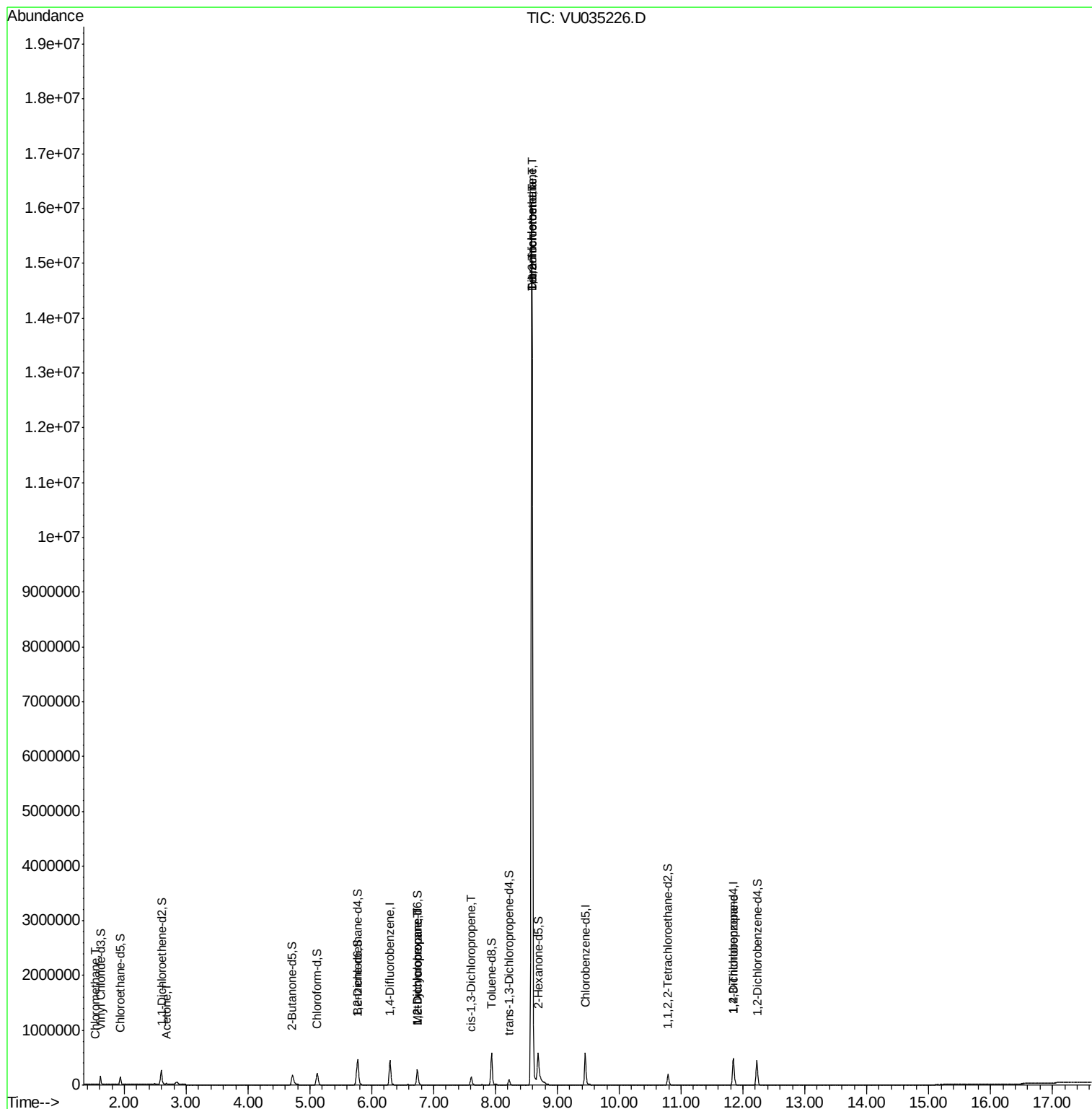
					Qvalue
3) Chloromethane	1.54	50	6136	0.191	ug/L 90
13) Acetone	2.68	43	10866	2.345	ug/L 99
35) Methylcyclohexane	6.74	83	30565	0.643	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	15112	0.563	ug/L # 86
39) cis-1,3-Dichloropropene	7.60	75	4229	0.094	ug/L # 18
45) 1,1,2-Trichloroethane	8.58	97	28550	1.433	ug/L # 1
47) Tetrachloroethene	8.59	164	3625756	153.116	ug/L 99
49) Dibromochloromethane	8.59	129	3323395	131.560	ug/L # 11
59) 1,2,3-Trichloropropane	11.84	75	18039	0.965	ug/L 91

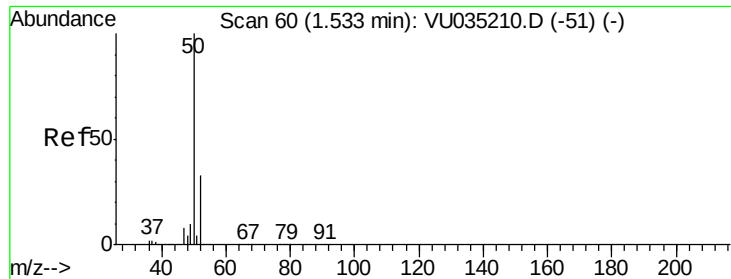
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035226.D

Acq: 17 Oct 2019 21:28

Instrument :

MSVOA_U

ClientSampleId :

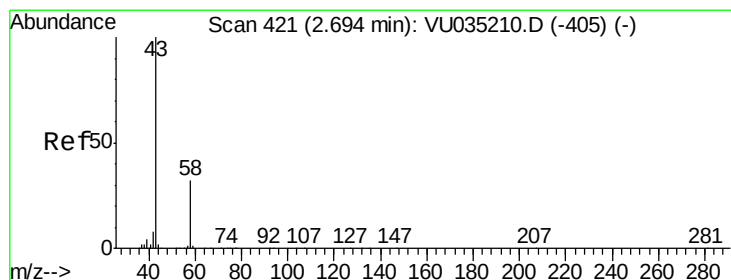
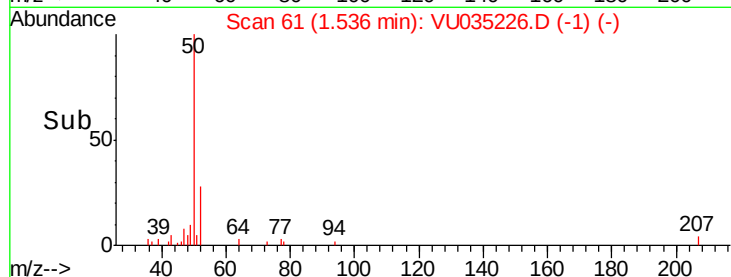
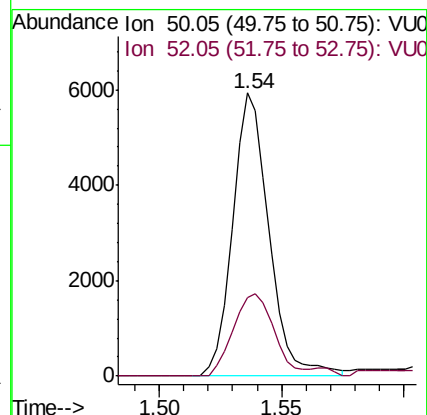
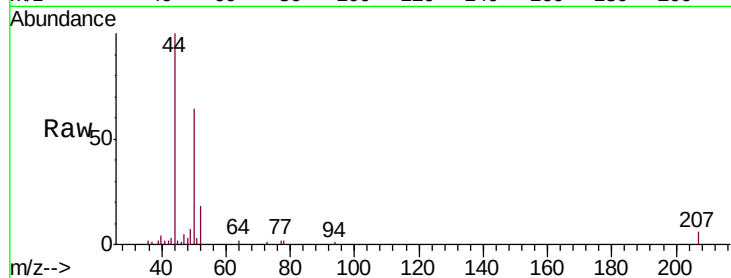
C0CH0

Tgt Ion: 50 Resp: 6136

Ion Ratio Lower Upper

50 100

52 27.8 23.5 43.7



#13

Acetone

Concen: 2.345 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU035226.D

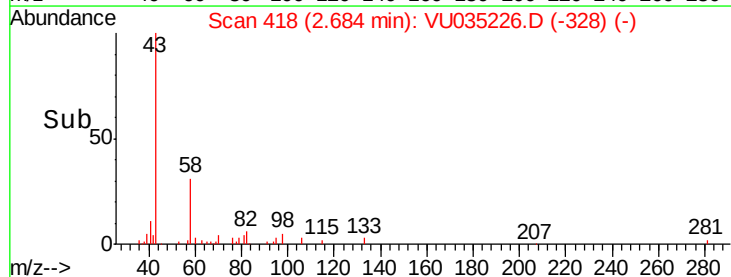
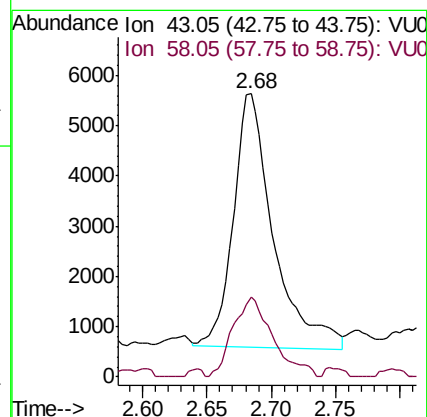
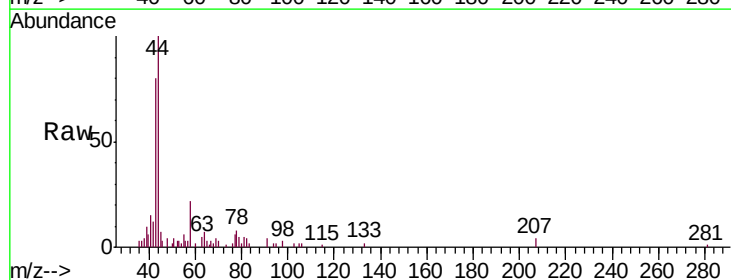
Acq: 17 Oct 2019 21:28

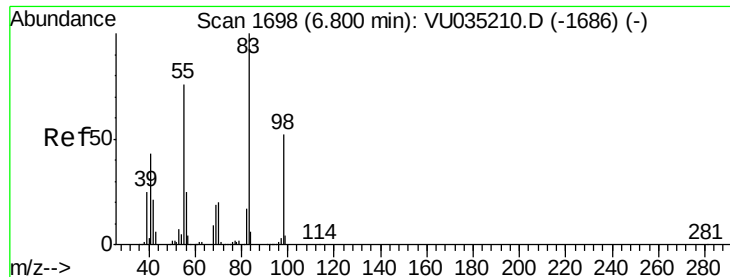
Tgt Ion: 43 Resp: 10866

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.8

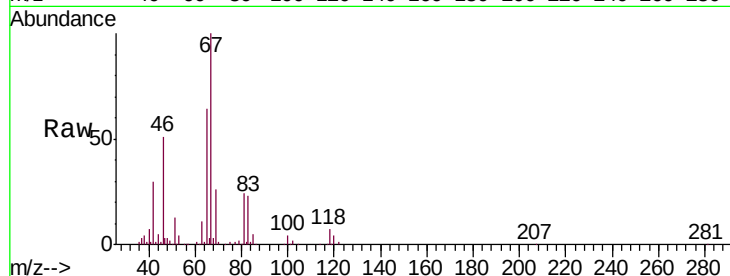




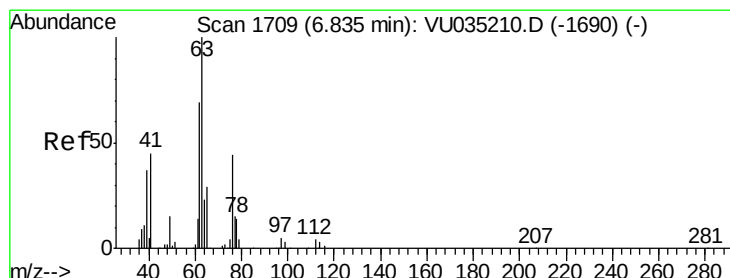
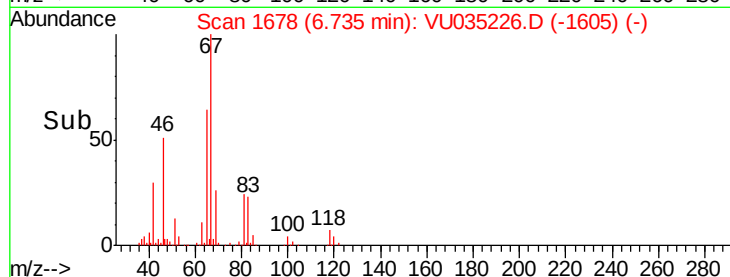
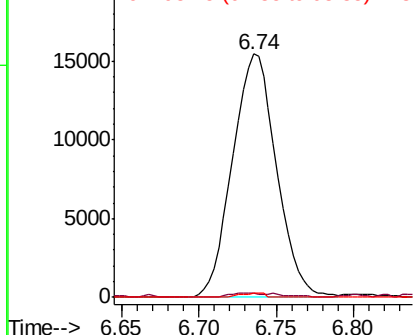
#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035226.D
Acq: 17 Oct 2019 21:28

Instrument :
MSVOA_U
ClientSampleId :
C0CH0

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	60.4	90.6#
98	0.9	39.5	59.3#

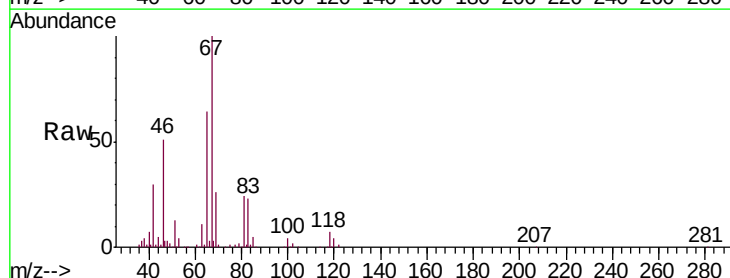


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

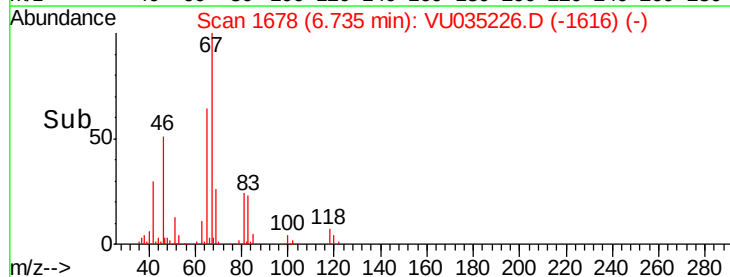
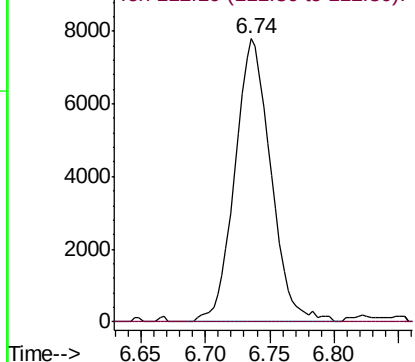


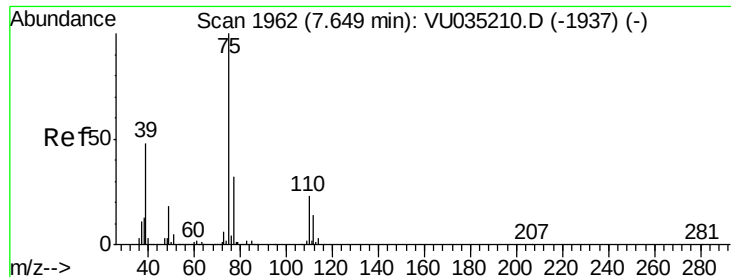
#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035226.D
Acq: 17 Oct 2019 21:28

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



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: 0.094 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.05 min

Lab File: VU035226.D

Acq: 17 Oct 2019 21:28

Instrument :

MSVOA_U

ClientSampleId :

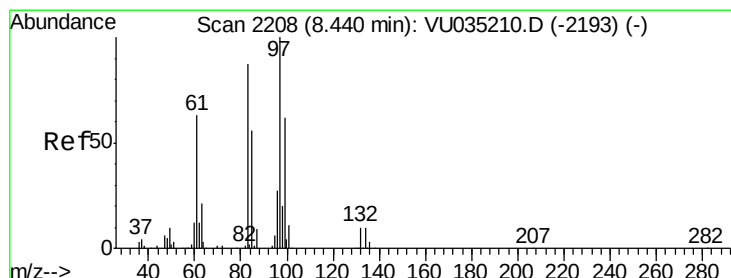
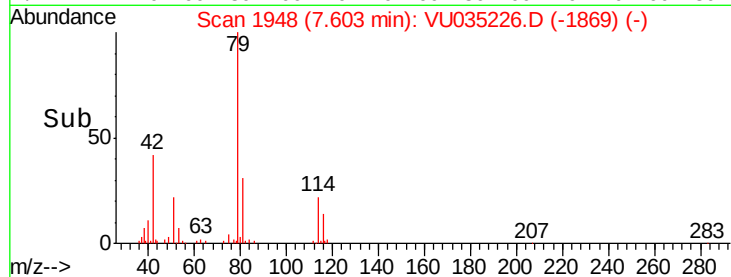
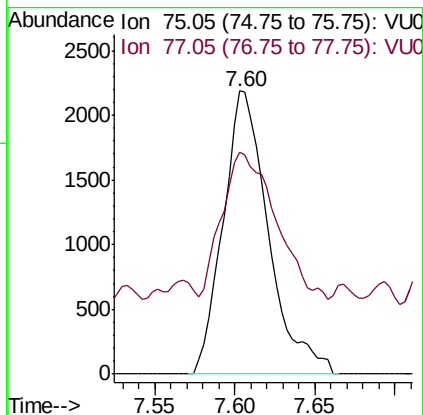
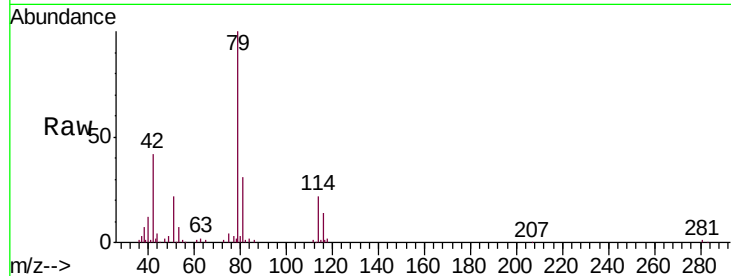
C0CH0

Tgt Ion: 75 Resp: 4229

Ion Ratio Lower Upper

75 100

77 78.5 22.7 42.1#



#45

1,1,2-Trichloroethane

Concen: 1.433 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.14 min

Lab File: VU035226.D

Acq: 17 Oct 2019 21:28

Tgt Ion: 97 Resp: 28550

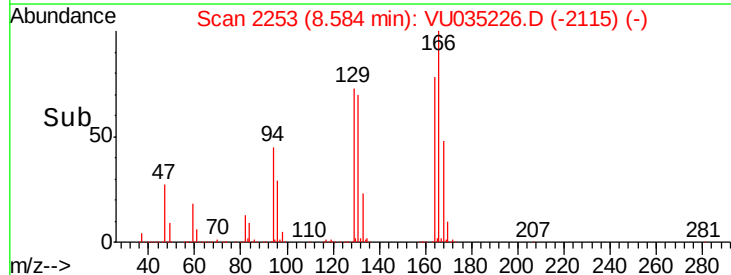
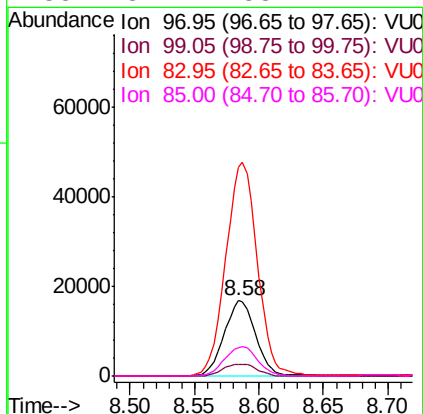
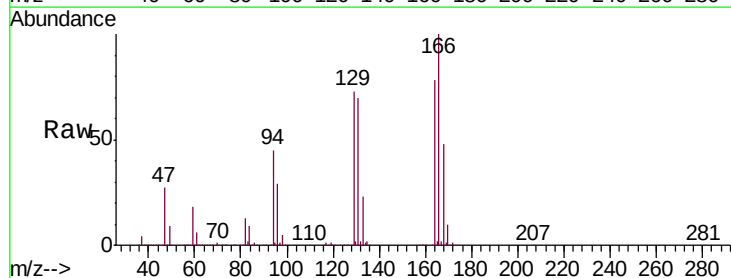
Ion Ratio Lower Upper

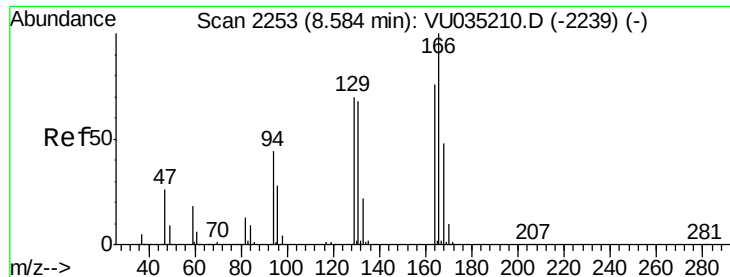
97 100

99 15.8 42.9 79.7#

83 277.7 60.4 112.2#

85 37.7 38.4 71.2#





#47

Tetrachloroethene

Concen: 153.116 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035226.D

Acq: 17 Oct 2019 21:28

Instrument :

MSVOA_U

ClientSampleId :

C0CH0

Tgt Ion:164 Resp: 3625756

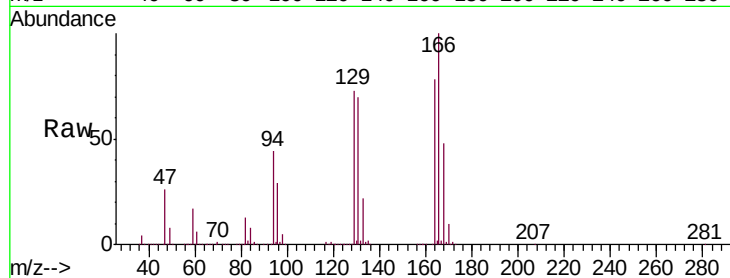
Ion Ratio Lower Upper

164 100

129 93.0 65.2 121.0

131 90.1 62.9 116.9

166 128.2 91.5 169.9

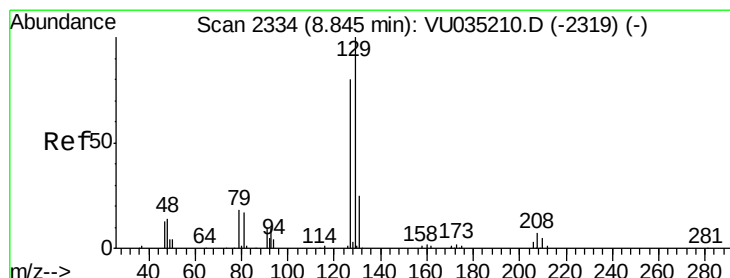
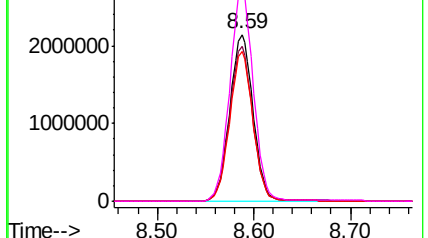
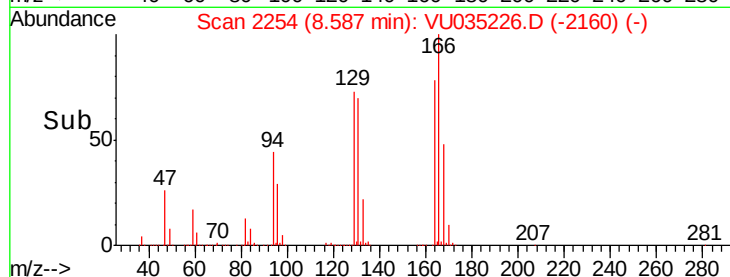


Abundance Ion 163.90 (163.60 to 164.60): V

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: 131.560 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. -0.26 min

Lab File: VU035226.D

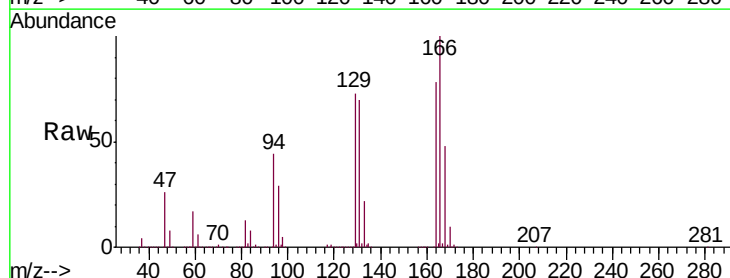
Acq: 17 Oct 2019 21:28

Tgt Ion:129 Resp: 3323395

Ion Ratio Lower Upper

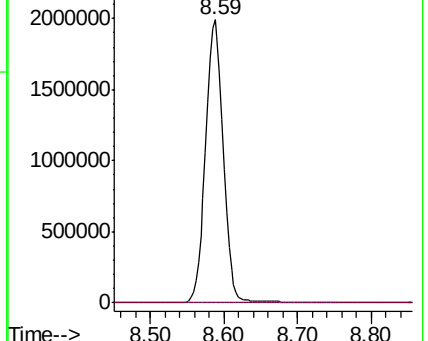
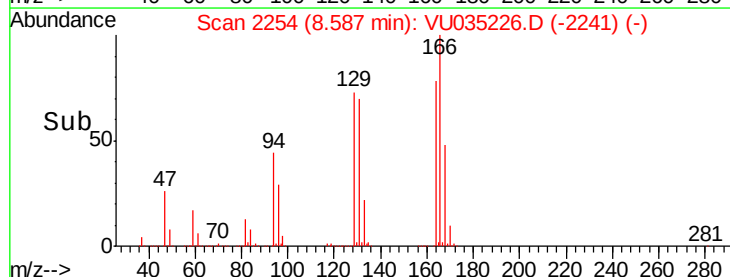
129 100

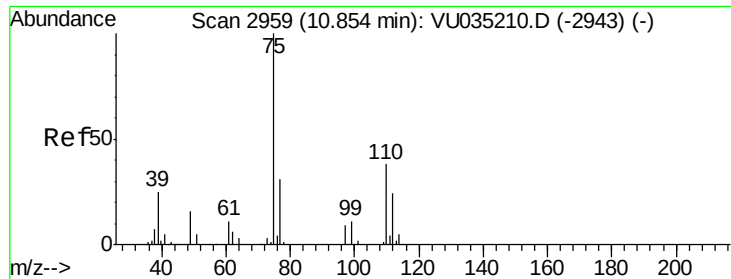
127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.965 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035226.D

Acq: 17 Oct 2019 21:28

Instrument :

MSVOA_U

ClientSampleId :

C0CH0

Tgt Ion: 75 Resp: 18039

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

