

Data File : VU035217.D
Acq On : 17 Oct 2019 17:57
Operator : JC/SP
Sample : K5318-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG1

Quant Time: Oct 18 03:50:25 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	365742	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	354810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	128793	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	116714	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.93	69	107882	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	163102	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.71	46	293436	45.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.58%
24) Chloroform-d	5.12	84	208361	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.75	65	117930	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	435255	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.74	67	138790	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.93	98	413025	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	8.22	79	62638	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.70	63	262133	47.54	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	110408	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	127328	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

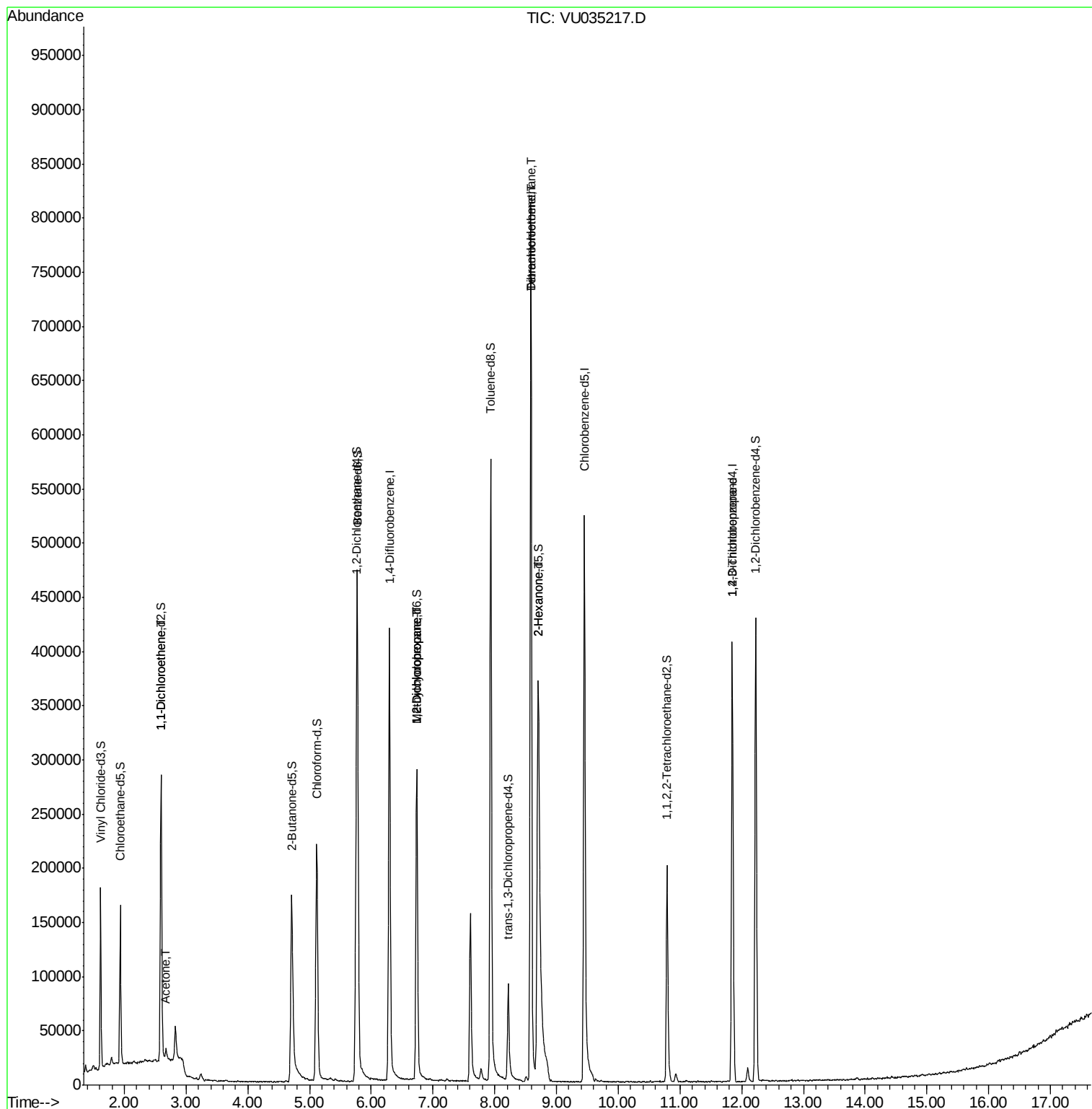
					Qvalue	
12) 1,1-Dichloroethene	2.60	96	1963	0.084	ug/L #	1
13) Acetone	2.68	43	11290	2.533	ug/L	97
35) Methylcyclohexane	6.74	83	34050	0.726	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14957	0.564	ug/L #	86
47) Tetrachloroethene	8.59	164	195593	8.365	ug/L	98
48) 2-Hexanone	8.71	43	24562	1.958	ug/L #	67
49) Dibromochloromethane	8.58	129	169771	6.806	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	15529	0.841	ug/L	94

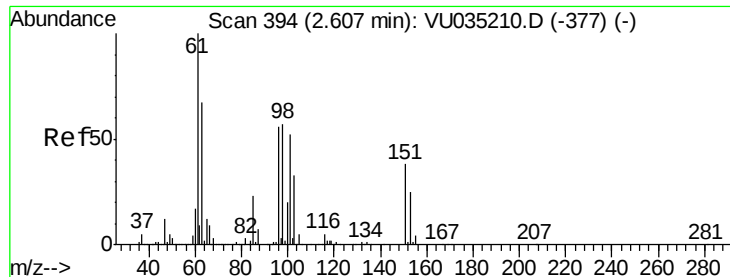
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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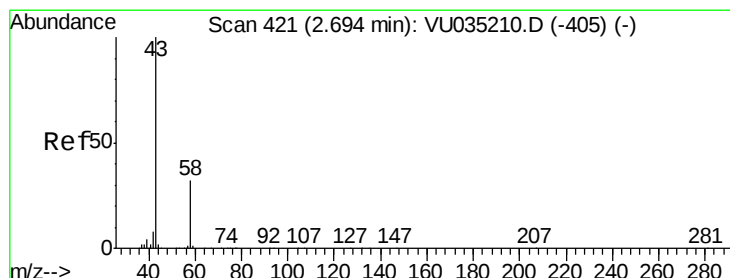
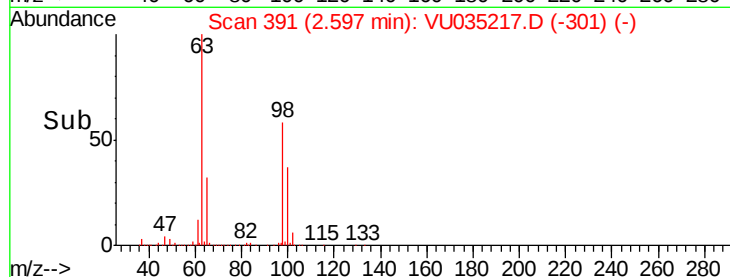
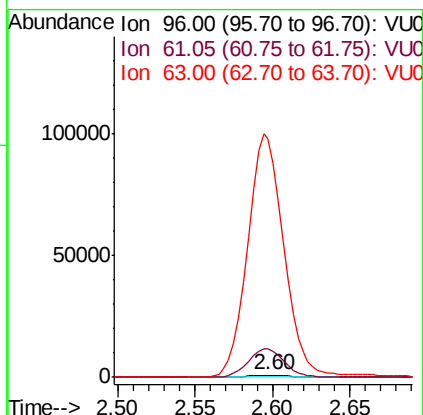
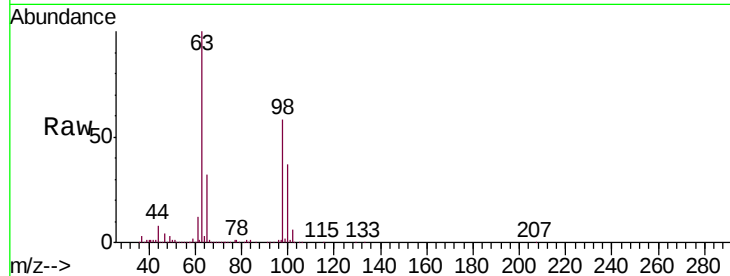




#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035217.D
 Acq: 17 Oct 2019 17:57

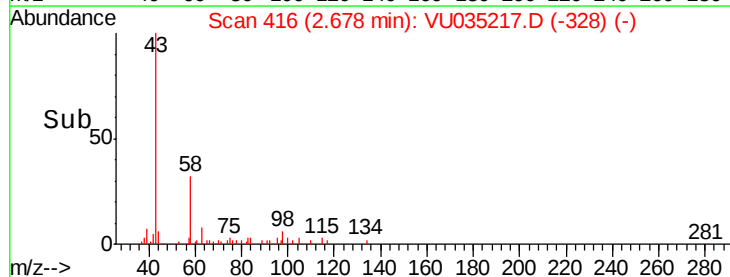
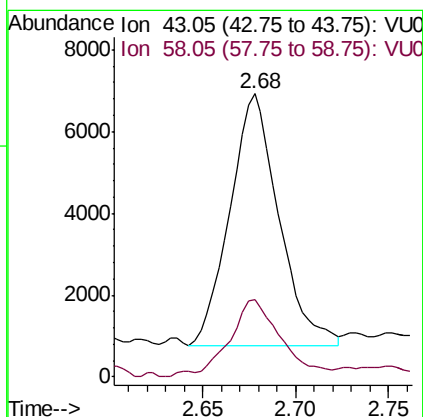
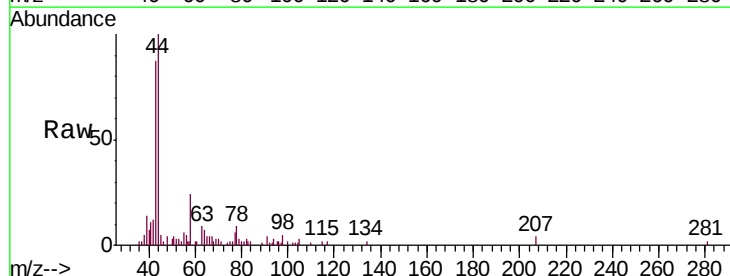
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG1

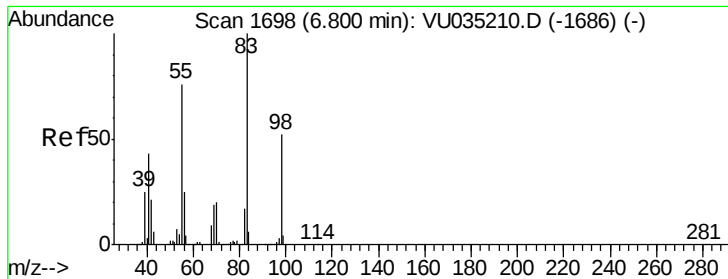
Tgt Ion: 96 Resp: 1963
 Ion Ratio Lower Upper
 96 100
 61 1294.1 120.6 224.0#
 63 11032.1 86.8 161.2#



#13
 Acetone
 Concen: 2.533 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: VU035217.D
 Acq: 17 Oct 2019 17:57

Tgt Ion: 43 Resp: 11290
 Ion Ratio Lower Upper
 43 100
 58 32.7 0.0 61.8

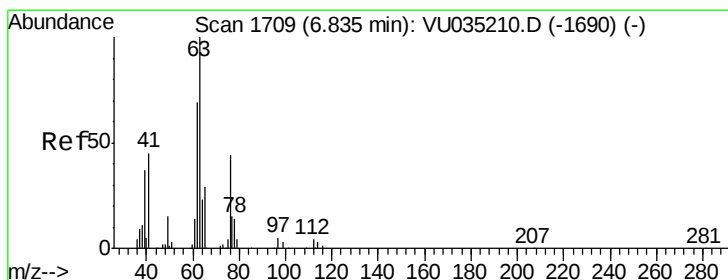
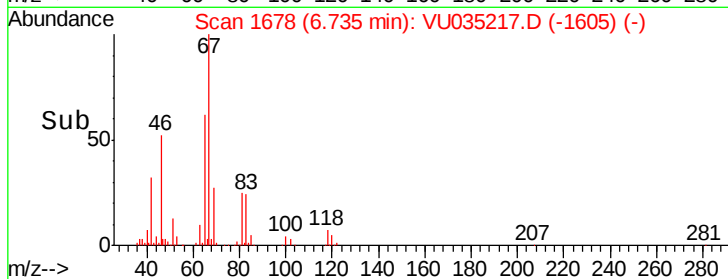
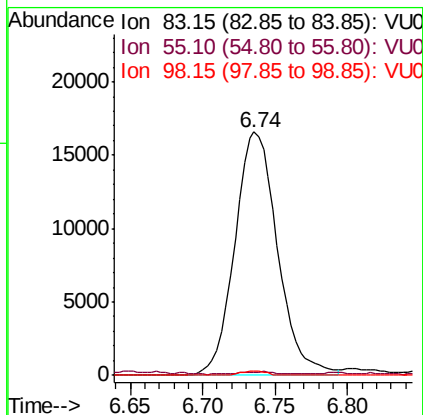
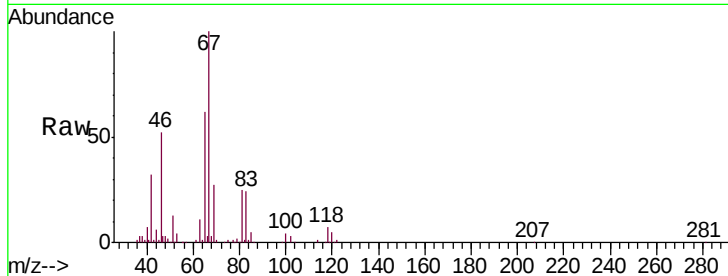




#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035217.D
Acq: 17 Oct 2019 17:57

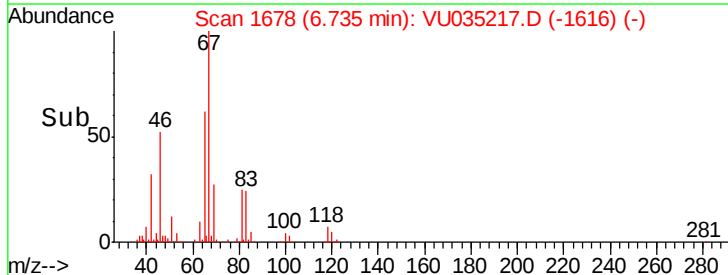
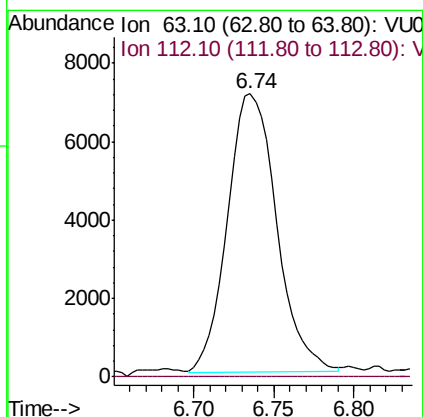
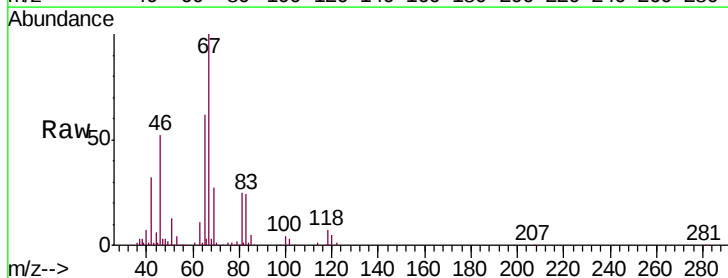
Instrument :
MSVOA_U
ClientSampleId :
C0CG1

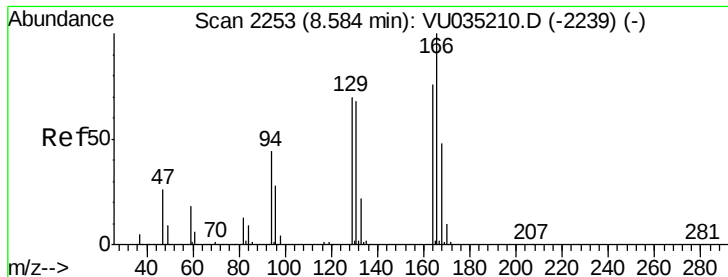
Tgt Ion: 83 Resp: 34050
Ion Ratio Lower Upper
83 100
55 0.5 60.4 90.6#
98 1.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035217.D
Acq: 17 Oct 2019 17:57

Tgt Ion: 63 Resp: 14957
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

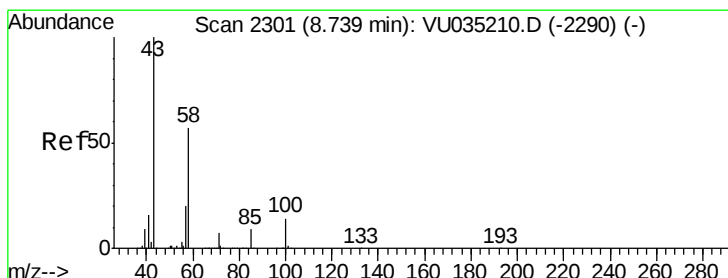
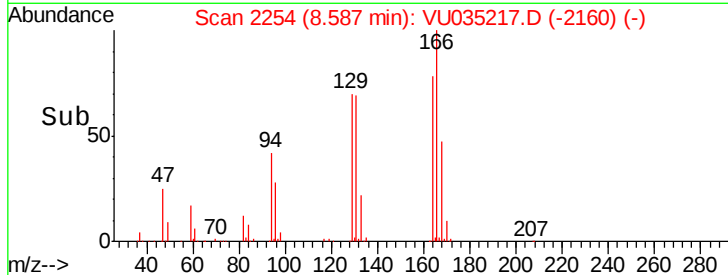
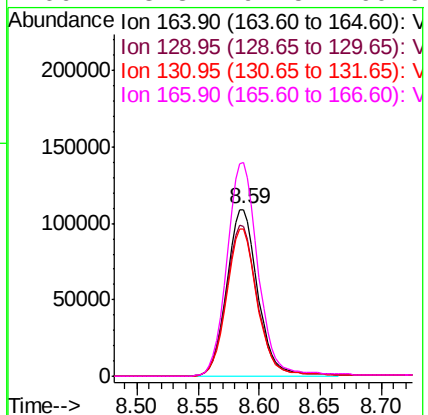
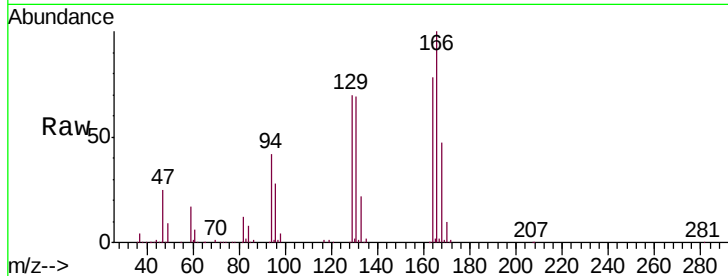




#47
Tetrachloroethene
Concen: 8.365 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035217.D
Acq: 17 Oct 2019 17:57

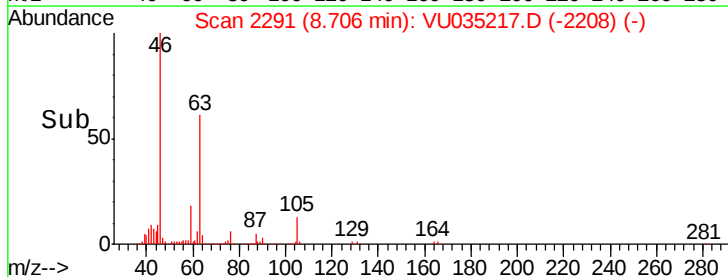
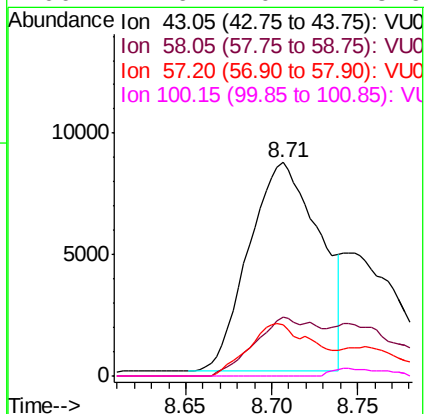
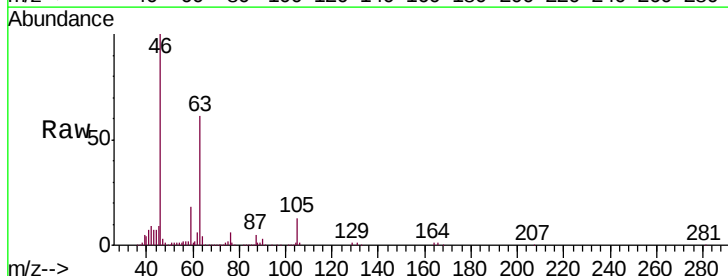
Instrument :
MSVOA_U
ClientSampleId :
C0CG1

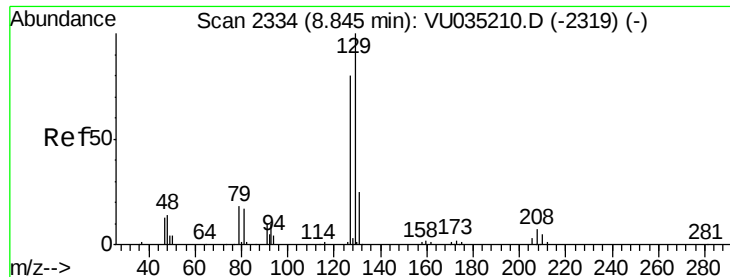
Tgt Ion:	164	Resp:	195593
Ion	Ratio	Lower	Upper
164	100		
129	89.6	65.2	121.0
131	88.1	62.9	116.9
166	128.3	91.5	169.9



#48
2-Hexanone
Concen: 1.958 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.03 min
Lab File: VU035217.D
Acq: 17 Oct 2019 17:57

Tgt Ion:	43	Resp:	24562
Ion	Ratio	Lower	Upper
43	100		
58	24.2	45.1	67.7#
57	23.5	16.0	24.0
100	2.6	10.4	15.6#





#49

Dibromochloromethane

Concen: 6.806 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035217.D

Acq: 17 Oct 2019 17:57

Instrument :

MSVOA_U

ClientSampleId :

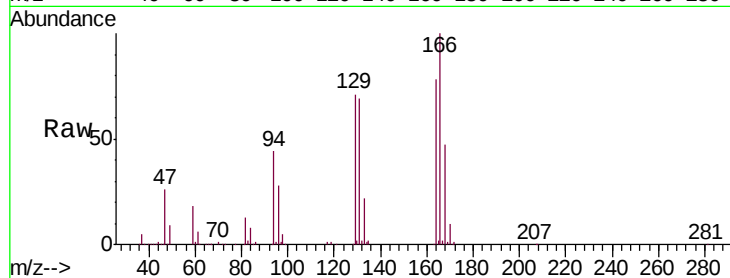
C0CG1

Tgt Ion:129 Resp: 169771

Ion Ratio Lower Upper

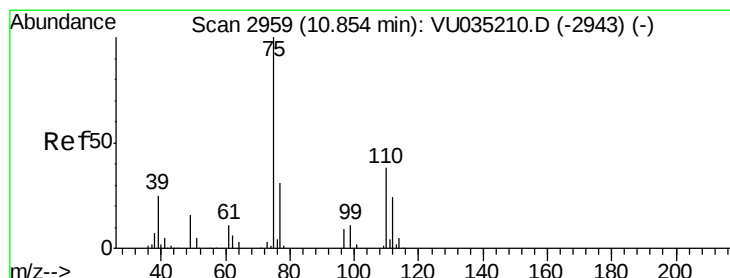
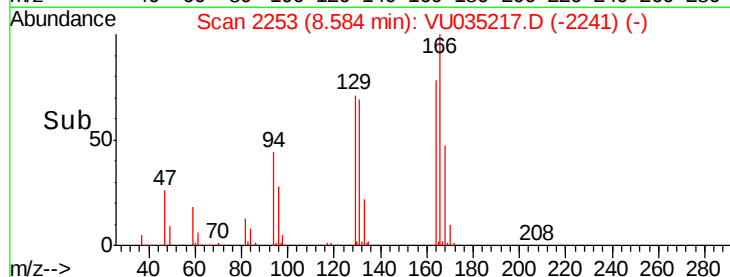
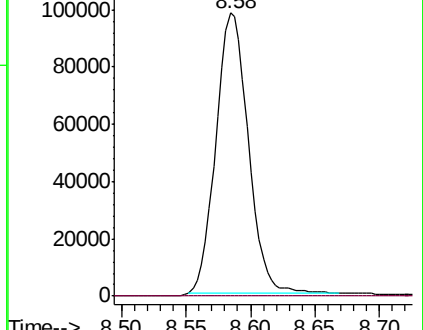
129 100

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: 0.841 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035217.D

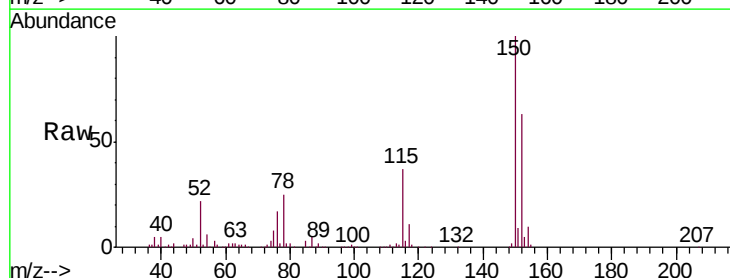
Acq: 17 Oct 2019 17:57

Tgt Ion: 75 Resp: 15529

Ion Ratio Lower Upper

75 100

77 36.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

