

Data File : VU035223.D
Acq On : 17 Oct 2019 20:18
Operator : JC/SP
Sample : K5318-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG7

Quant Time: Oct 18 03:52:00 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	368060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	353885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	147174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117583	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	106259	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.59	63	161572	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.72	46	318219	49.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	5.11	84	205724	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.75	65	119959	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.77	84	430735	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.74	67	138783	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.93	98	414756	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	8.22	79	60396	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.69	63	271976	49.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	116960	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	139011	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

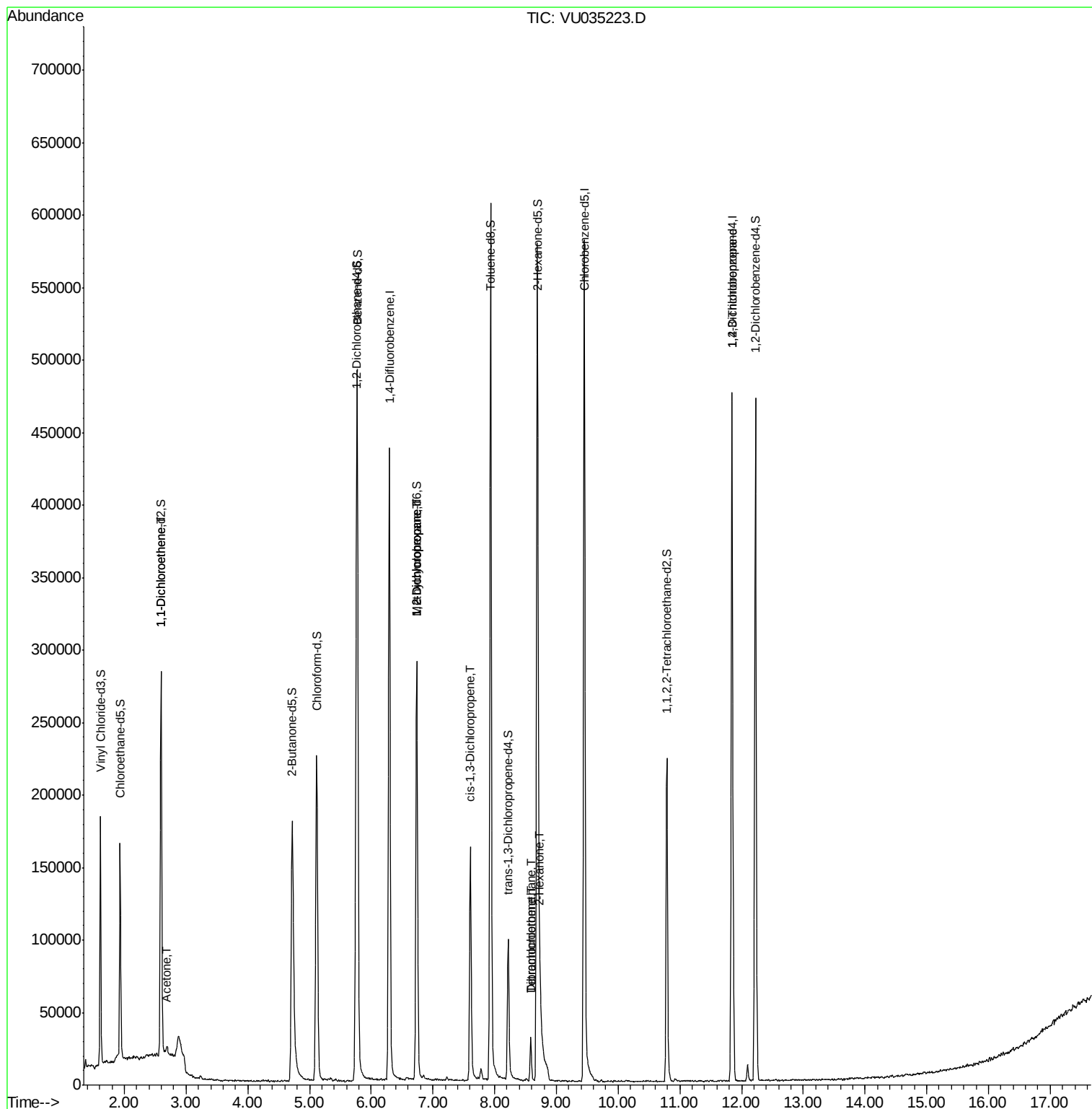
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1423	0.060 ug/L #	1
13) Acetone	2.68	43	8452	1.884 ug/L	94
35) Methylcyclohexane	6.74	83	31949	0.683 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15795	0.598 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4015	0.091 ug/L #	7
47) Tetrachloroethene	8.59	164	6957	0.298 ug/L	93
48) 2-Hexanone	8.74	43	12207	0.975 ug/L #	87
49) Dibromochloromethane	8.59	129	6253	0.251 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	17679	0.960 ug/L	88

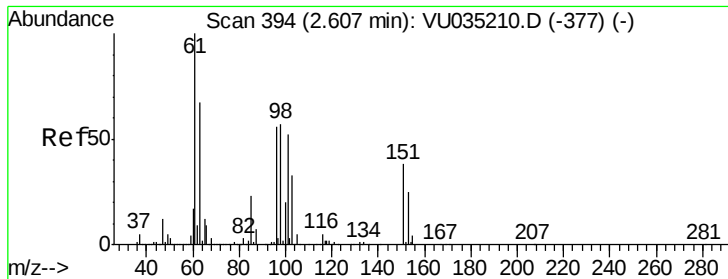
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035223.D

Acq: 17 Oct 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

C0CG7

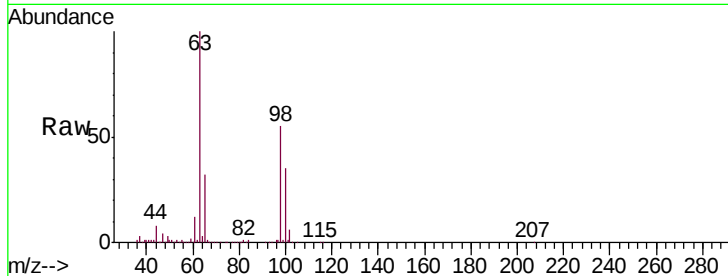
Tgt Ion: 96 Resp: 1423

Ion Ratio Lower Upper

96 100

61 1730.5 120.6 224.0#

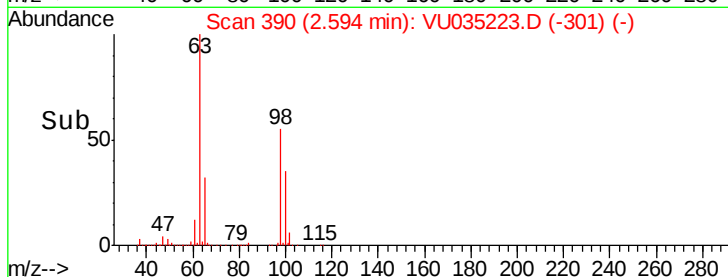
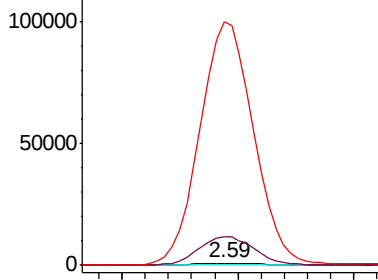
63 14419.6 86.8 161.2#



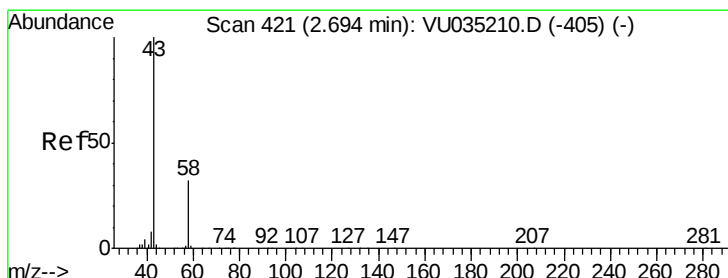
Abundance Ion 96.00 (95.70 to 96.70): VU035223.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035223.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035223.D (-301) (-)



Time-->



#13

Acetone

Concen: 1.884 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU035223.D

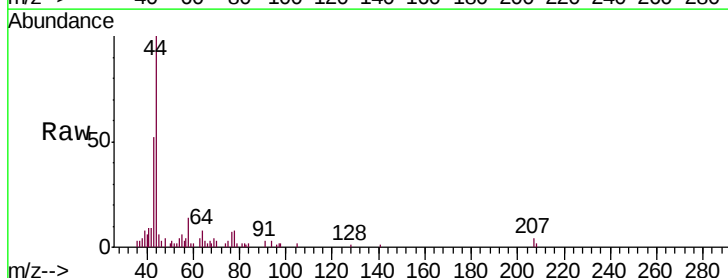
Acq: 17 Oct 2019 20:18

Tgt Ion: 43 Resp: 8452

Ion Ratio Lower Upper

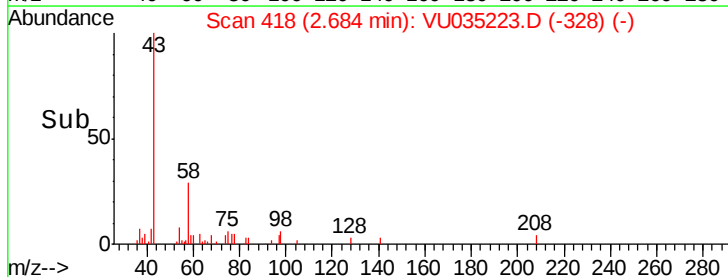
43 100

58 34.2 0.0 61.8

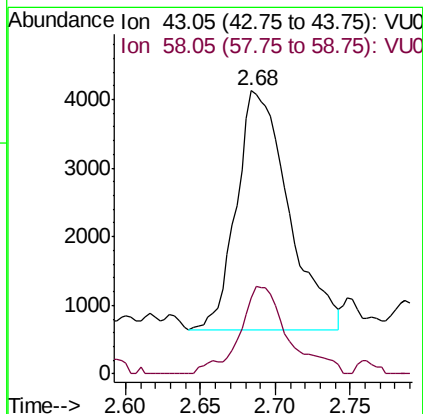


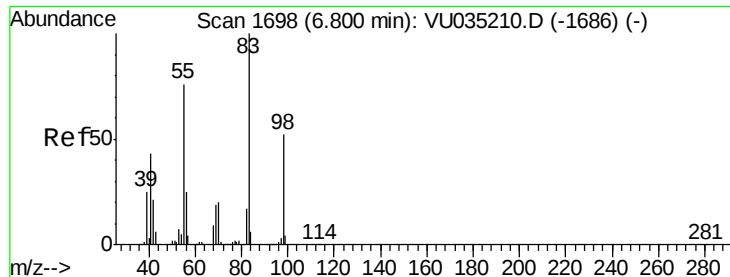
Abundance Ion 43.05 (42.75 to 43.75): VU035223.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU035223.D (-328) (-)



Time-->

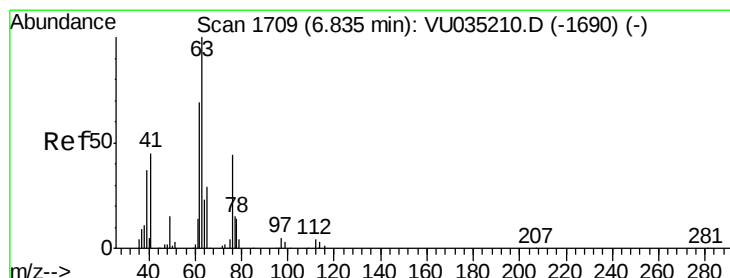
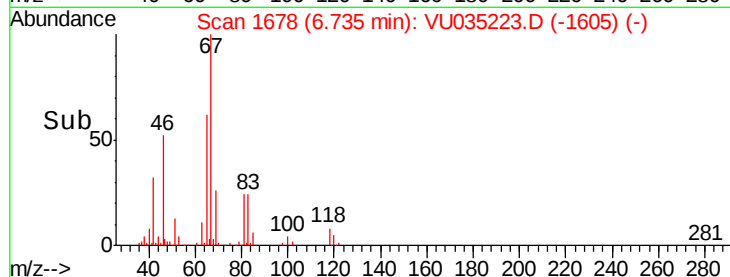
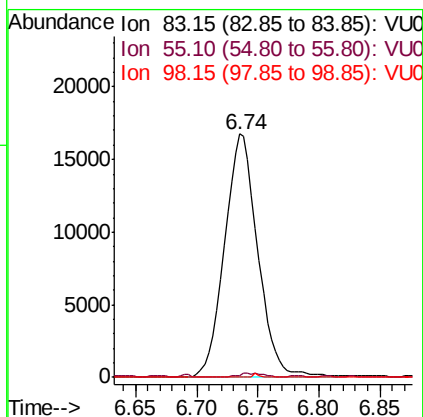
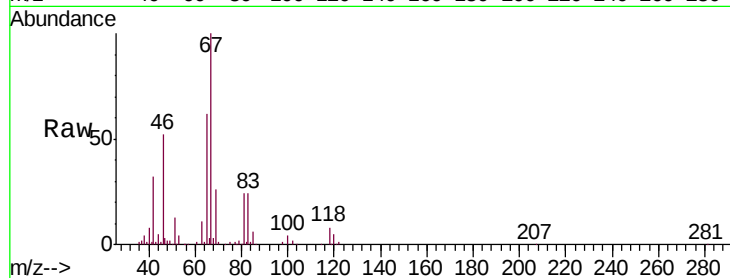




#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035223.D
Acq: 17 Oct 2019 20:18

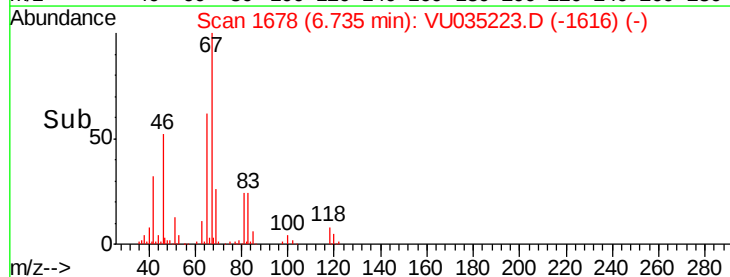
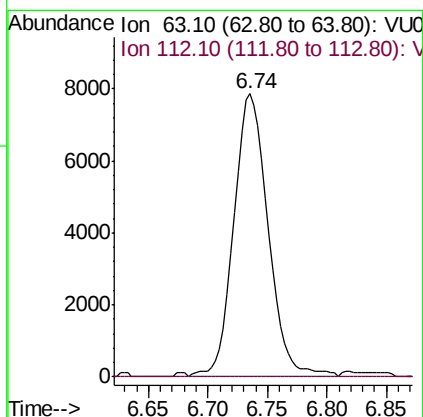
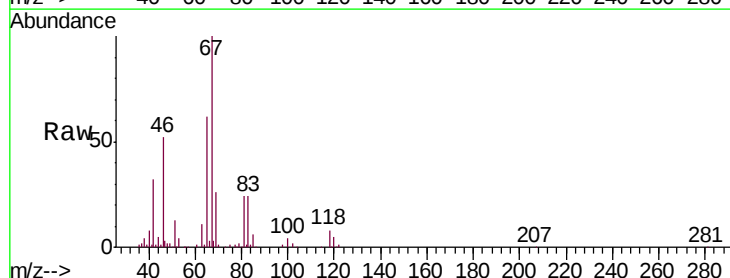
Instrument :
MSVOA_U
ClientSampleId :
C0CG7

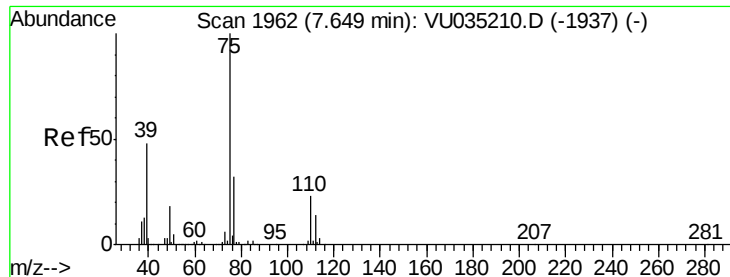
Tgt Ion: 83 Resp: 31949
Ion Ratio Lower Upper
83 100
55 1.3 60.4 90.6#
98 0.3 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035223.D
Acq: 17 Oct 2019 20:18

Tgt Ion: 63 Resp: 15795
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035223.D

Acq: 17 Oct 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

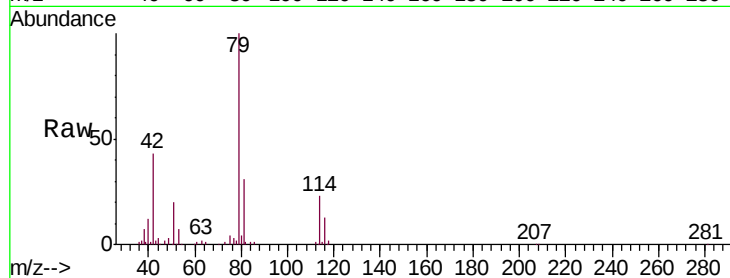
C0CG7

Tgt Ion: 75 Resp: 4015

Ion Ratio Lower Upper

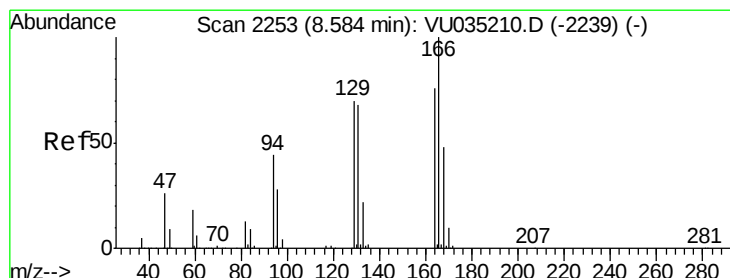
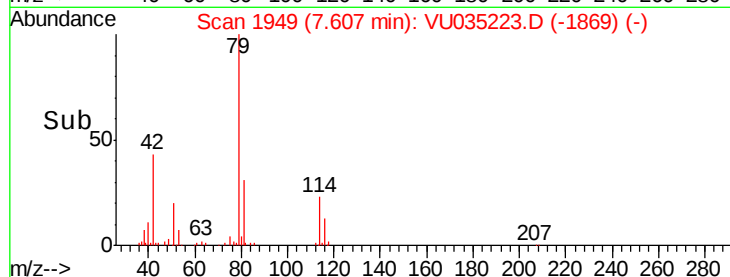
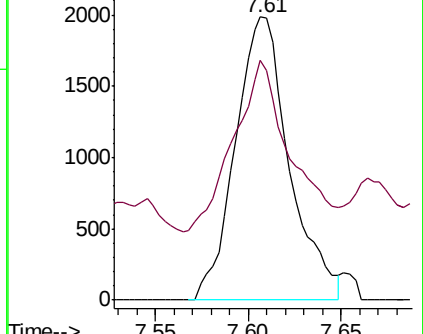
75 100

77 84.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.298 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035223.D

Acq: 17 Oct 2019 20:18

Tgt Ion: 164 Resp: 6957

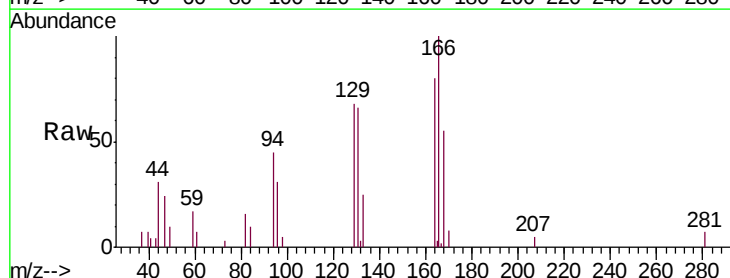
Ion Ratio Lower Upper

164 100

129 84.5 65.2 121.0

131 82.6 62.9 116.9

166 124.8 91.5 169.9

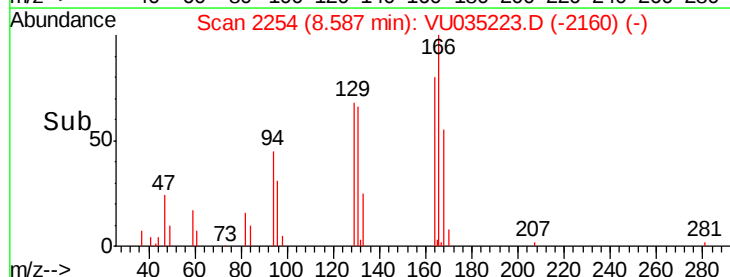
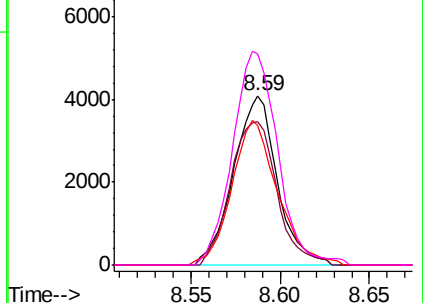


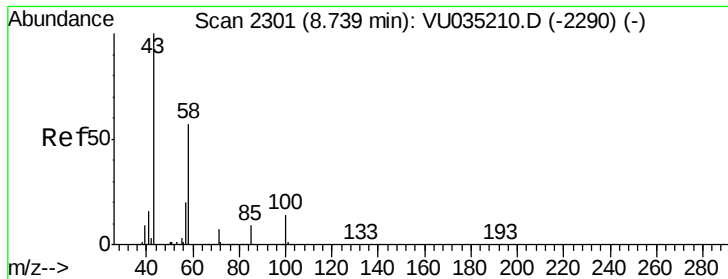
Abundance Ion 163.90 (163.60 to 164.60): V

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

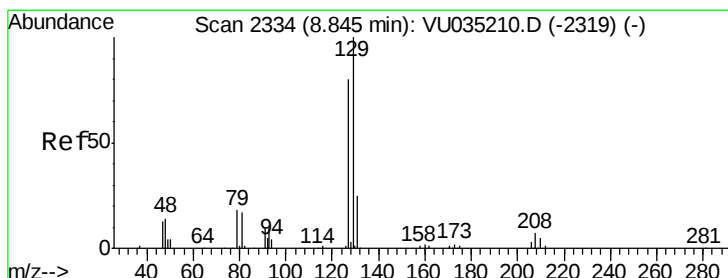
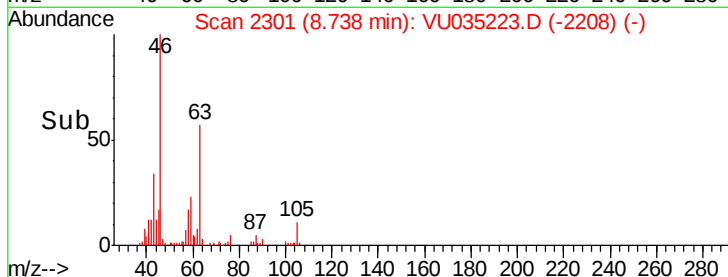
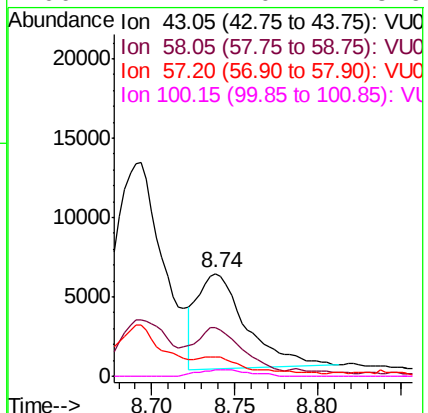
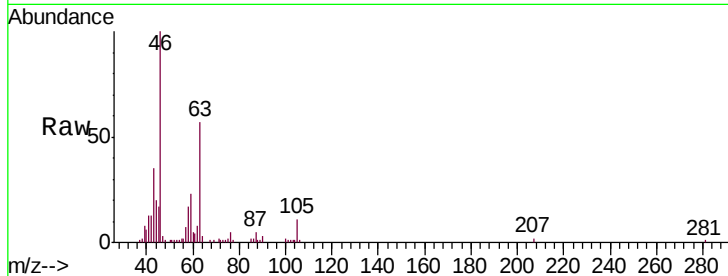




#48
2-Hexanone
Concen: 0.975 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. -0.00 min
Lab File: VU035223.D
Acq: 17 Oct 2019 20:18

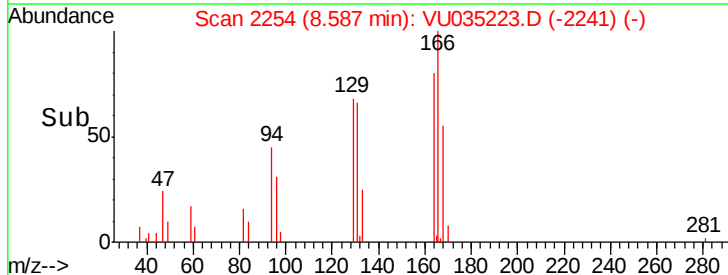
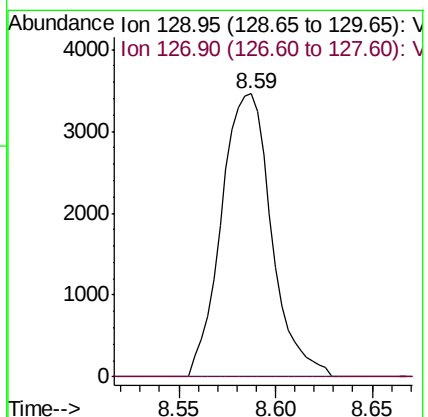
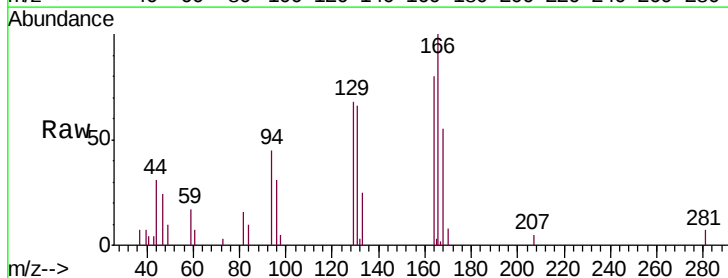
Instrument :
MSVOA_U
ClientSampleId :
C0CG7

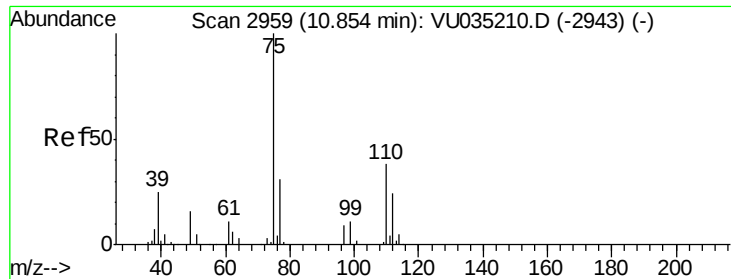
Tgt Ion: 43 Resp: 12207
Ion Ratio Lower Upper
43 100
58 44.5 45.1 67.7#
57 18.0 16.0 24.0
100 7.2 10.4 15.6#



#49
Dibromochloromethane
Concen: 0.251 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.26 min
Lab File: VU035223.D
Acq: 17 Oct 2019 20:18

Tgt Ion: 129 Resp: 6253
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#59

1,2,3-Trichloropropane

Concen: 0.960 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035223.D

Acq: 17 Oct 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

C0CG7

Tgt Ion: 75 Resp: 17679

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.2

