

Data File : VU035220.D
Acq On : 17 Oct 2019 19:08
Operator : JC/SP
Sample : K5318-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG4

Quant Time: Oct 18 03:51:13 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	374869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	359045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	141469	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117901	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.93	69	103839	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	164385	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.71	46	297052	45.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.44%
24) Chloroform-d	5.11	84	209798	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.75	65	119455	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.77	84	434563	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.74	67	137014	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.93	98	404515	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.22	79	61476	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.69	63	255110	45.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.44%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111539	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	134454	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

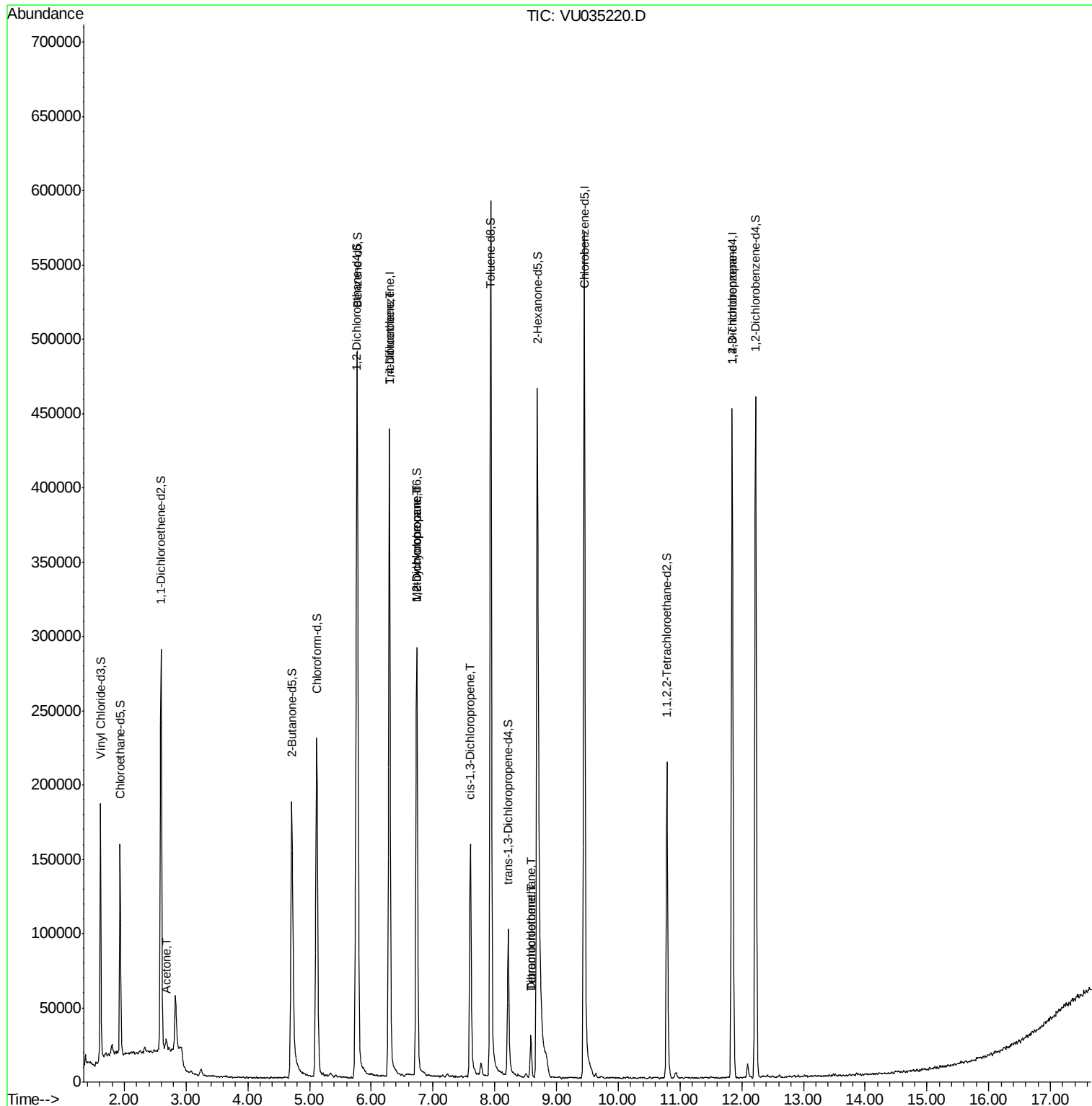
					Qvalue
13) Acetone	2.68	43	10775	2.358 ug/L	94
34) Trichloroethene	6.29	95	6214	0.219 ug/L #	3
35) Methylcyclohexane	6.74	83	32083	0.676 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15850	0.591 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4259	0.095 ug/L #	9
47) Tetrachloroethene	8.58	164	7226	0.305 ug/L	93
49) Dibromochloromethane	8.58	129	5977	0.237 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	16837	0.901 ug/L #	88

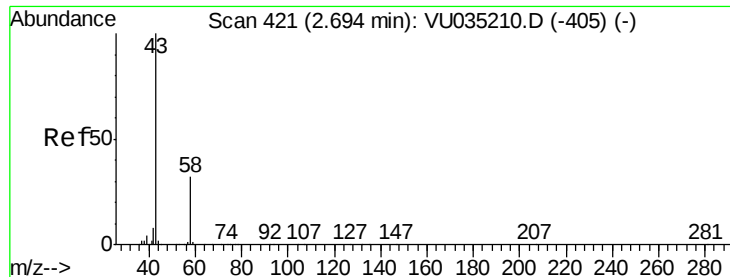
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.358 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU035220.D

Acq: 17 Oct 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

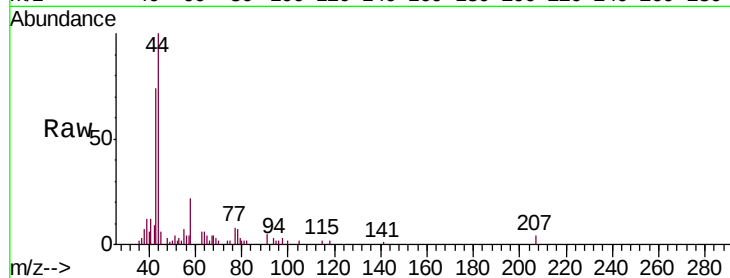
C0CG4

Tgt Ion: 43 Resp: 10775

Ion Ratio Lower Upper

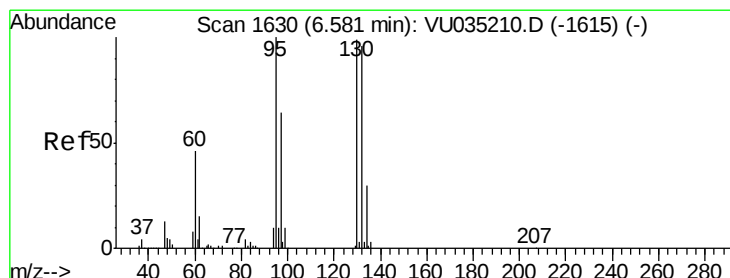
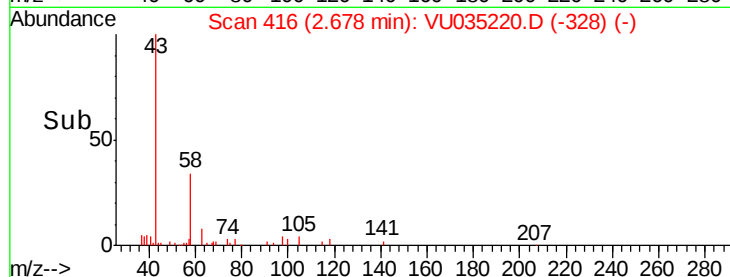
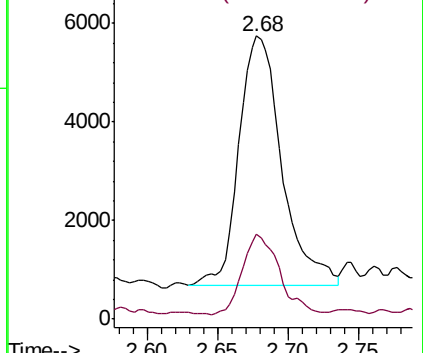
43 100

58 27.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035220.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU035220.D (-328) (-)



#34

Trichloroethene

Concen: 0.219 ug/L

RT: 6.29 min Scan# 1541

Delta R.T. -0.29 min

Lab File: VU035220.D

Acq: 17 Oct 2019 19:08

Tgt Ion: 95 Resp: 6214

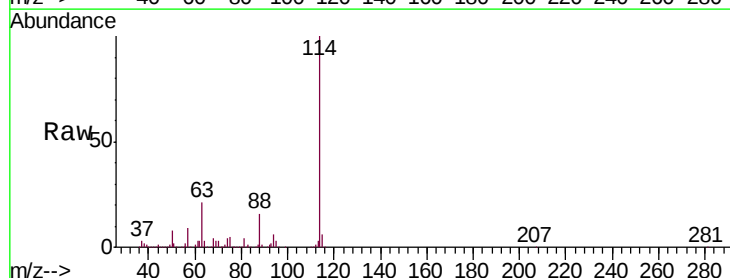
Ion Ratio Lower Upper

95 100

97 0.0 46.6 86.6#

132 0.0 68.7 127.7#

130 0.0 73.9 137.3#

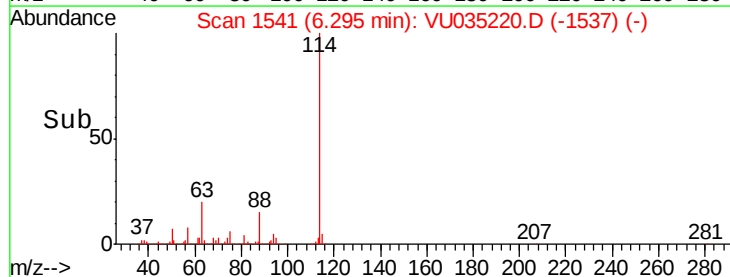
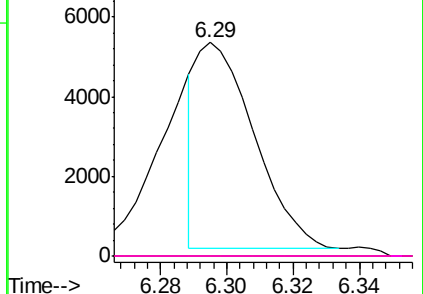


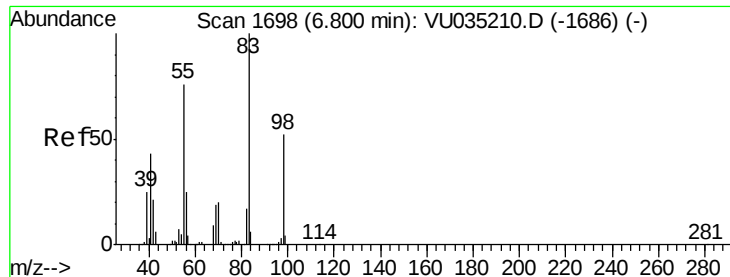
Abundance Ion 95.00 (94.70 to 95.70): VU035220.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035220.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035220.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035220.D (-1537) (-)

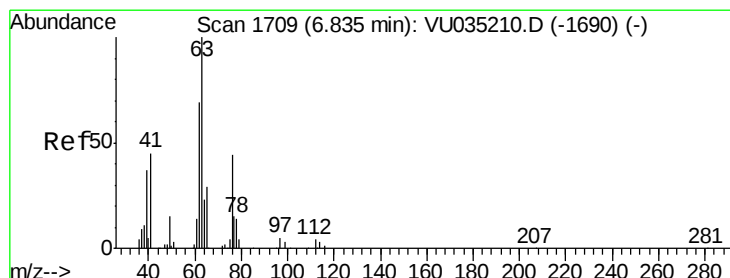
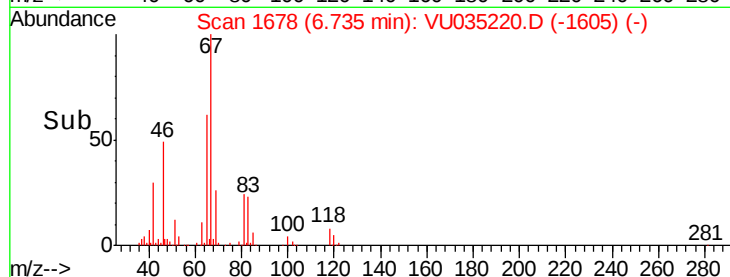
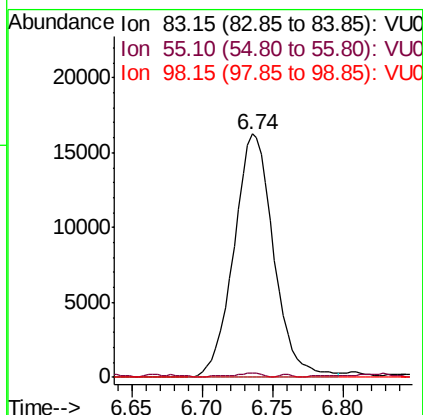
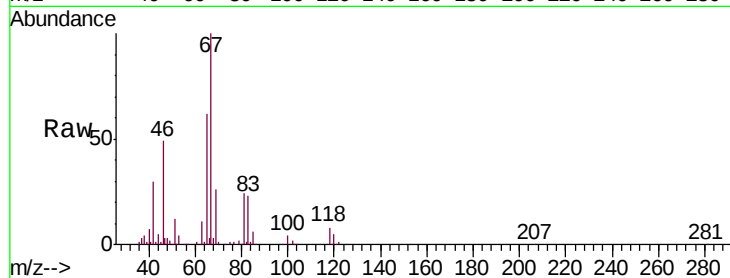




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035220.D
Acq: 17 Oct 2019 19:08

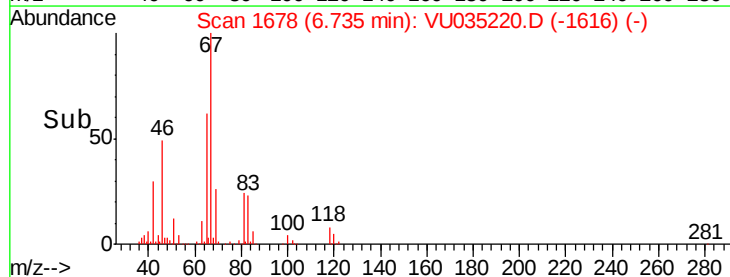
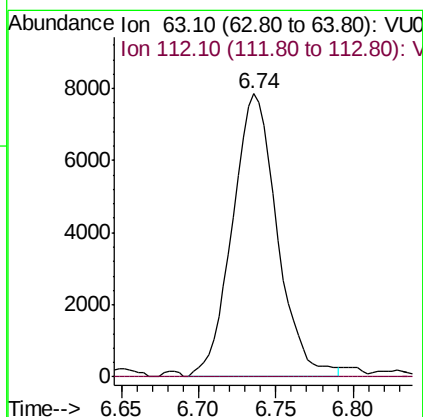
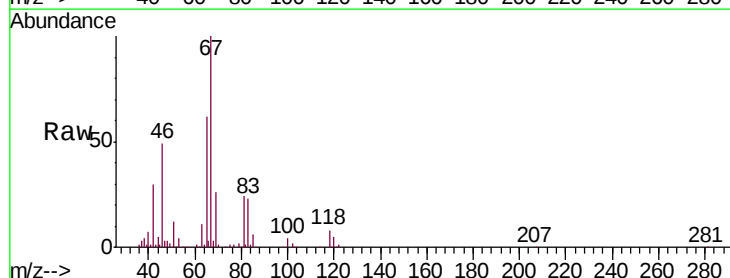
Instrument :
MSVOA_U
ClientSampleId :
C0CG4

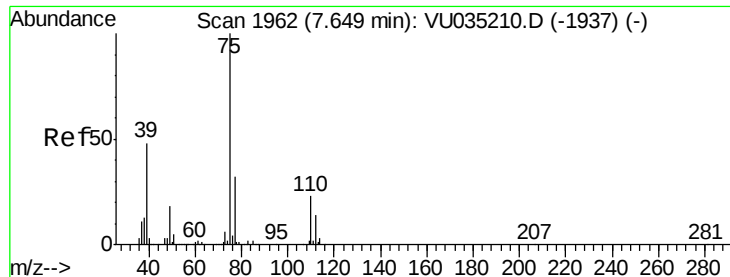
Tgt Ion: 83 Resp: 32083
Ion Ratio Lower Upper
83 100
55 1.0 60.4 90.6#
98 0.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035220.D
Acq: 17 Oct 2019 19:08

Tgt Ion: 63 Resp: 15850
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035220.D

Acq: 17 Oct 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

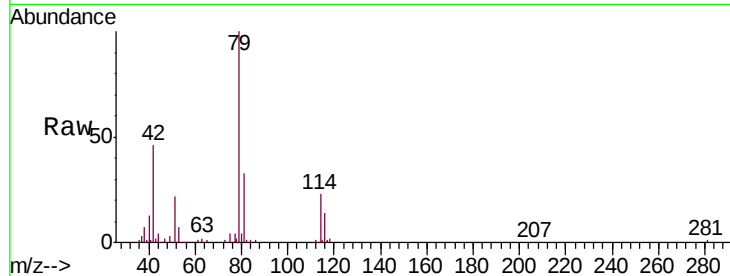
C0CG4

Tgt Ion: 75 Resp: 4259

Ion Ratio Lower Upper

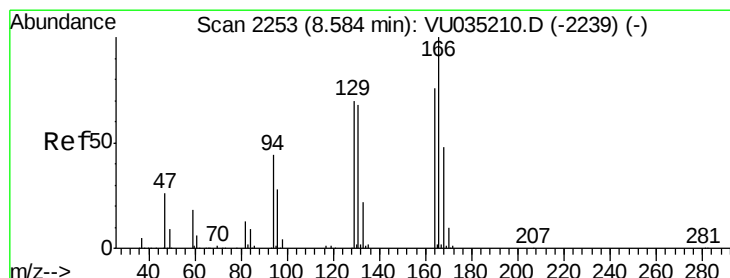
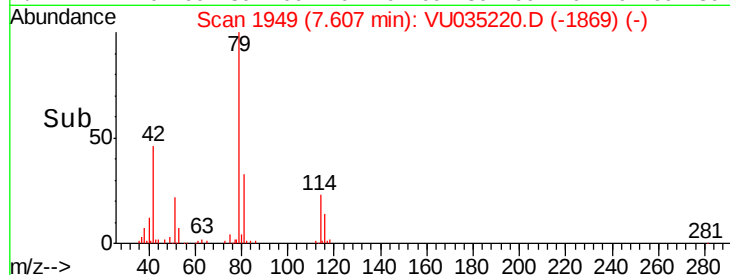
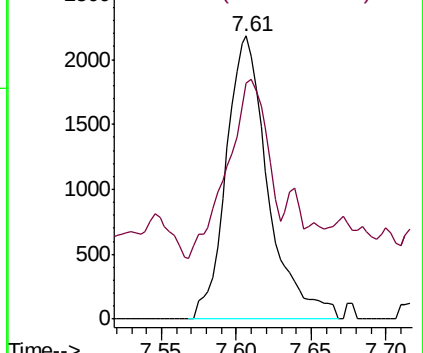
75 100

77 83.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035220.D (-1949) (-)

Ion 77.05 (76.75 to 77.75): VU035220.D (-1949) (-)



#47

Tetrachloroethene

Concen: 0.305 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035220.D

Acq: 17 Oct 2019 19:08

Tgt Ion: 164 Resp: 7226

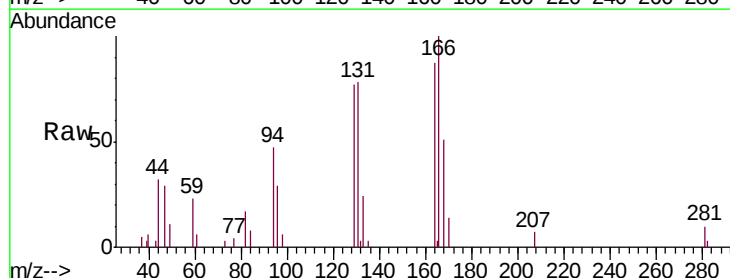
Ion Ratio Lower Upper

164 100

129 88.3 65.2 121.0

131 90.2 62.9 116.9

166 115.4 91.5 169.9

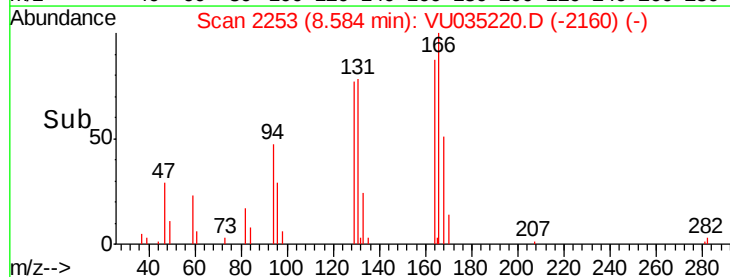
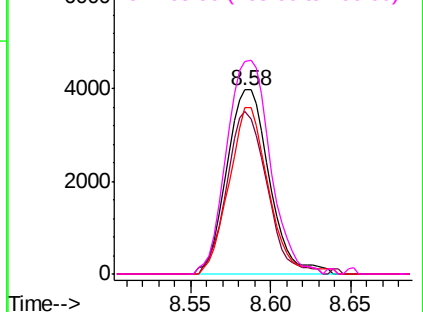


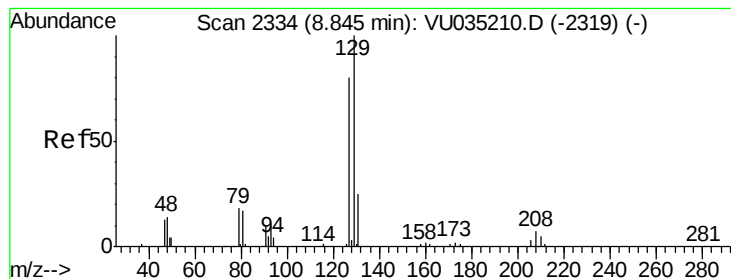
Abundance Ion 163.90 (163.60 to 164.60): VU035220.D (-2253) (-)

Ion 128.95 (128.65 to 129.65): VU035220.D (-2253) (-)

Ion 130.95 (130.65 to 131.65): VU035220.D (-2253) (-)

Ion 165.90 (165.60 to 166.60): VU035220.D (-2253) (-)





#49

Dibromochloromethane

Concen: 0.237 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035220.D

Acq: 17 Oct 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

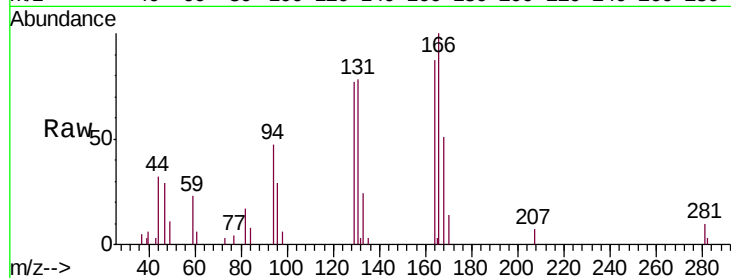
C0CG4

Tgt Ion:129 Resp: 5977

Ion Ratio Lower Upper

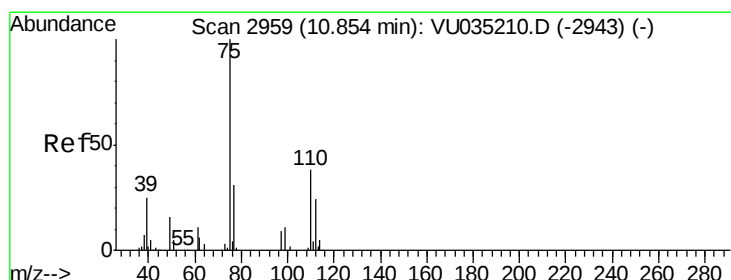
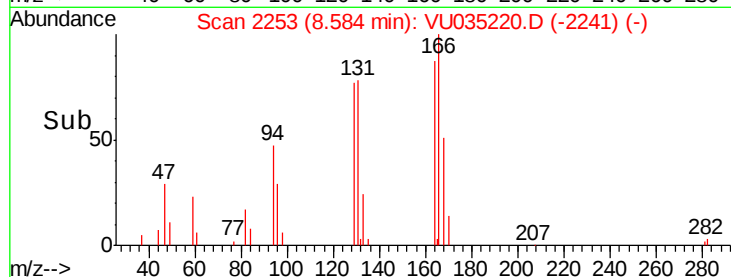
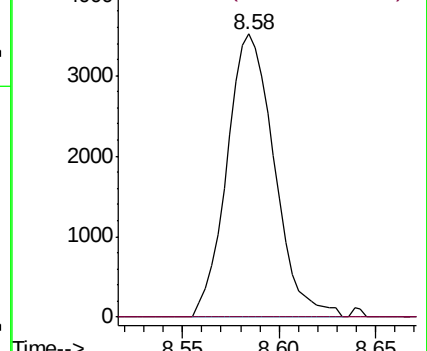
129 100

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: 0.901 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035220.D

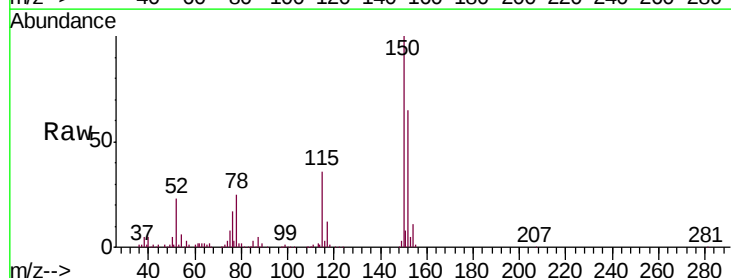
Acq: 17 Oct 2019 19:08

Tgt Ion: 75 Resp: 16837

Ion Ratio Lower Upper

75 100

77 39.5 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

