

Data File : VU035216.D
Acq On : 17 Oct 2019 17:34
Operator : JC/SP
Sample : K5321-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0AA1

Quant Time: Oct 18 03:50:09 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	363351	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	346918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	148155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110580	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	96746	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	152772	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.72	46	277732	43.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	5.11	84	191285	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	110365	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.77	84	400920	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.74	67	130143	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.93	98	384931	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.22	79	57523	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.69	63	248882	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105479	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	133100	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

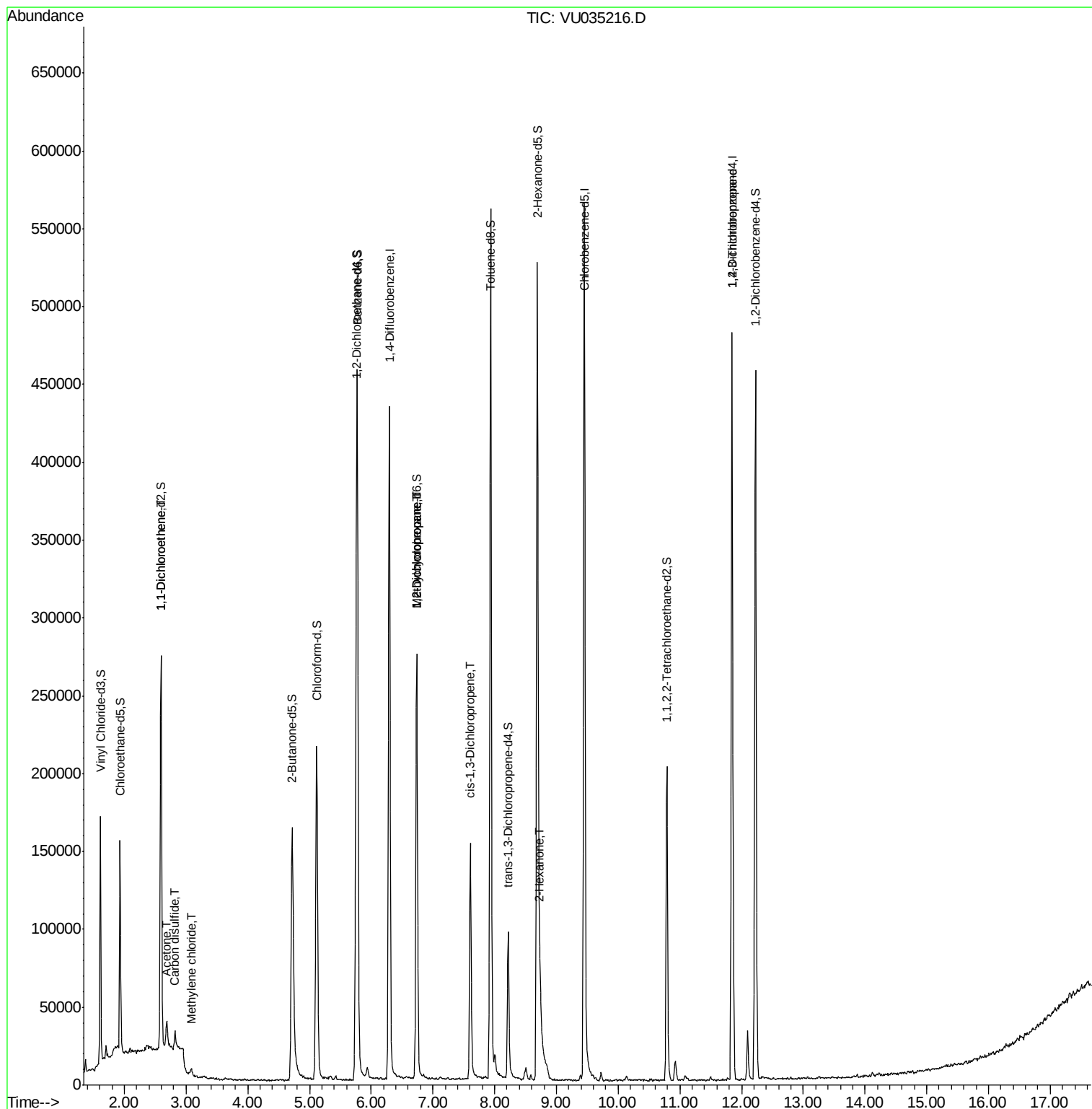
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1870	0.080 ug/L #	1
13) Acetone	2.69	43	26300	5.938 ug/L	99
14) Carbon disulfide	2.82	76	14631	0.198 ug/L #	84
16) Methylene chloride	3.09	84	1868	0.067 ug/L	92
35) Methylcyclohexane	6.74	83	29844	0.651 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14585	0.563 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4031	0.093 ug/L #	21
48) 2-Hexanone	8.74	43	14691	1.198 ug/L #	81
59) 1,2,3-Trichloropropane	11.84	75	17714	0.981 ug/L #	88

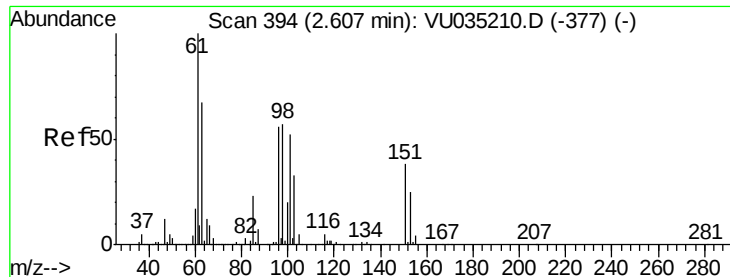
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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Acq: 17 Oct 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

E0AA1

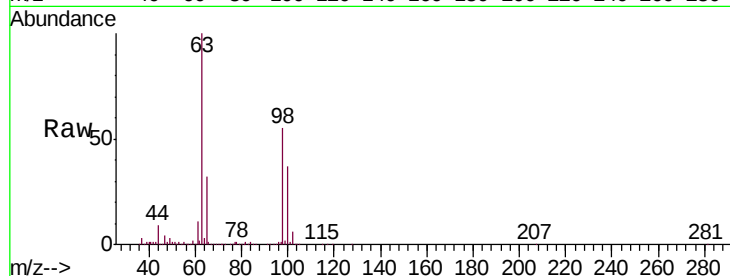
Tgt Ion: 96 Resp: 1870

Ion Ratio Lower Upper

96 100

61 1289.7 120.6 224.0#

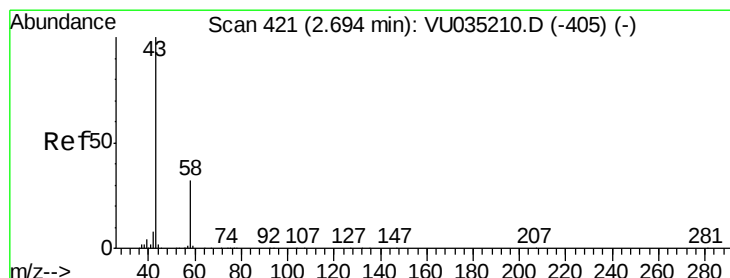
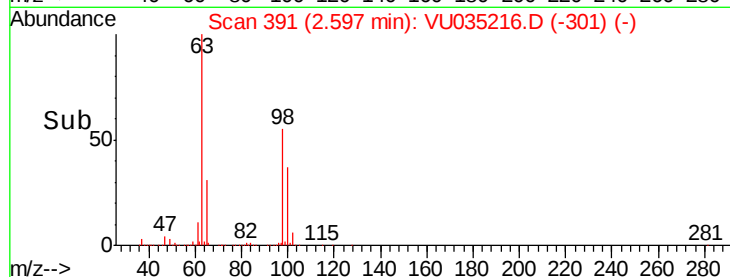
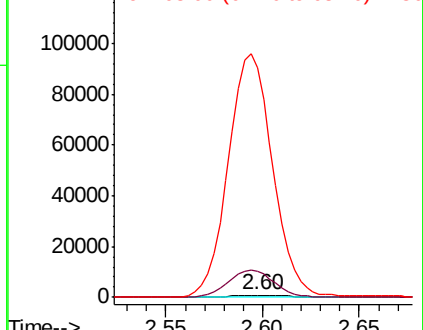
63 11313.3 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035216.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035216.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035216.D (-301) (-)



#13

Acetone

Concen: 5.938 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU035216.D

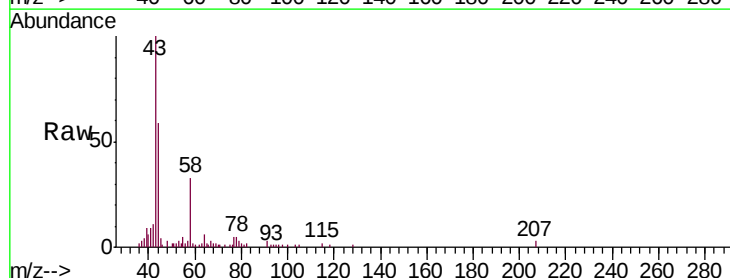
Acq: 17 Oct 2019 17:34

Tgt Ion: 43 Resp: 26300

Ion Ratio Lower Upper

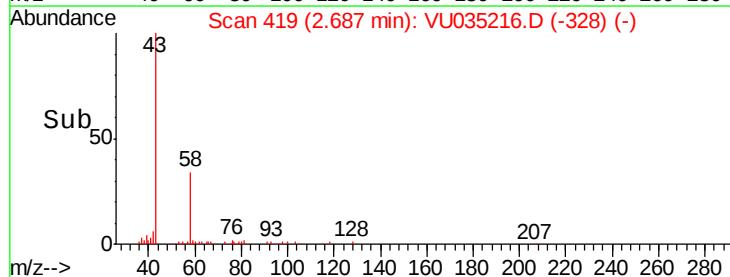
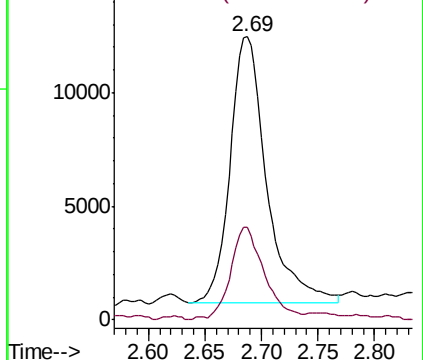
43 100

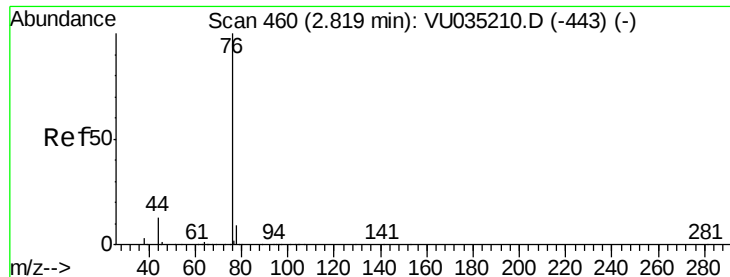
58 30.2 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035216.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU035216.D (-328) (-)





#14

Carbon disulfide

Concen: 0.198 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035216.D

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Instrument :

MSVOA_U

ClientSampleId :

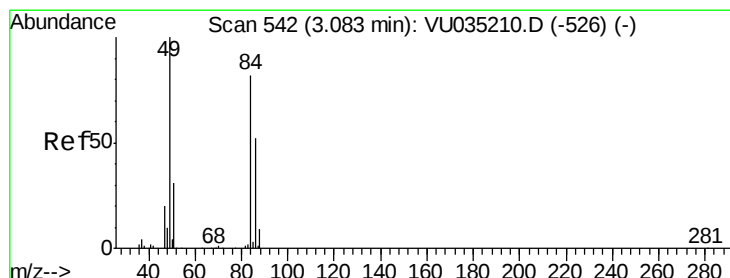
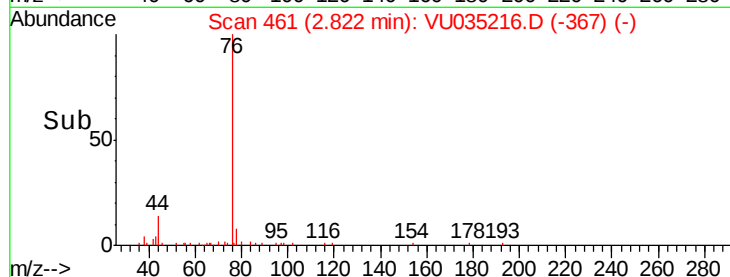
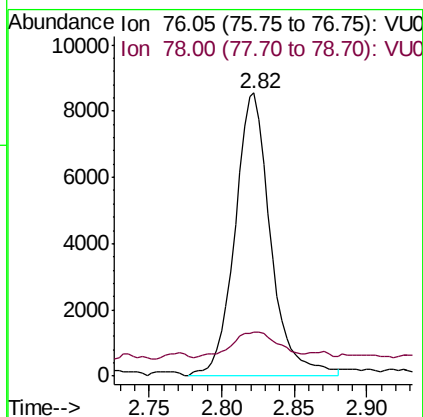
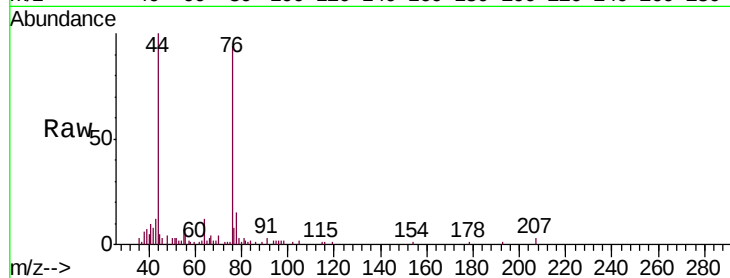
E0AA1

Tgt Ion: 76 Resp: 14631

Ion Ratio Lower Upper

76 100

78 15.4 7.6 11.4#



#16

Methylene chloride

Concen: 0.067 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU035216.D

Acq: 17 Oct 2019 17:34

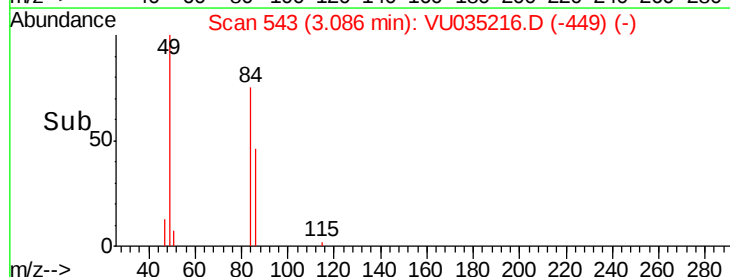
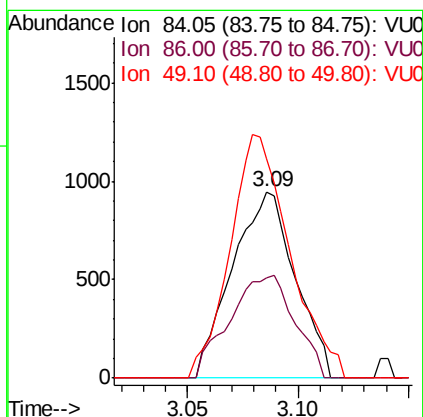
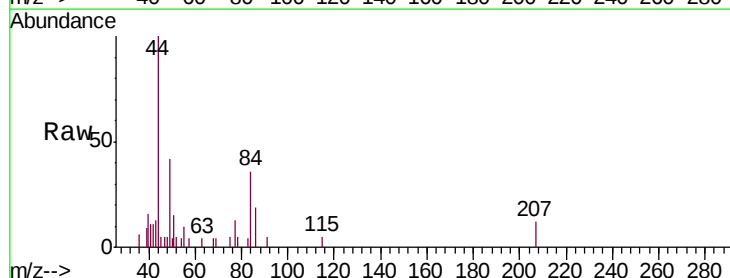
Tgt Ion: 84 Resp: 1868

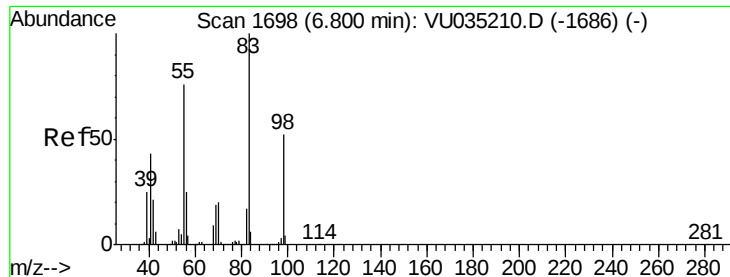
Ion Ratio Lower Upper

84 100

86 54.0 45.4 84.2

49 117.8 86.8 161.2





#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035216.D

Acq: 17 Oct 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

E0AA1

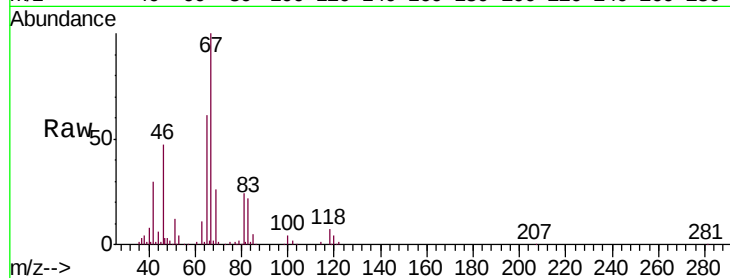
Tgt Ion: 83 Resp: 29844

Ion Ratio Lower Upper

83 100

55 0.5 60.4 90.6#

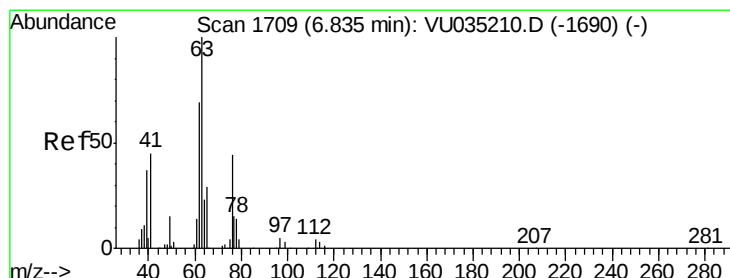
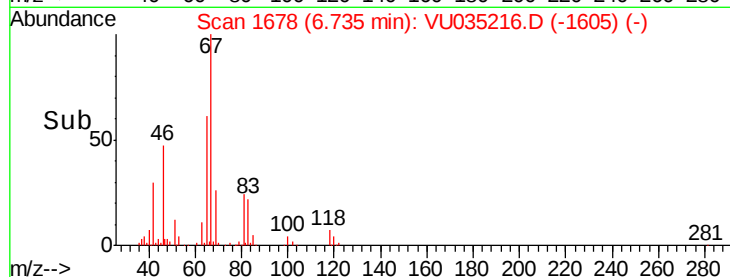
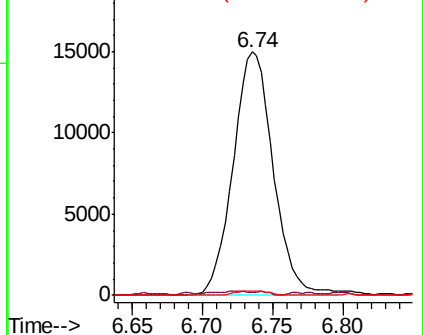
98 1.5 39.5 59.3#



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: VU035216.D

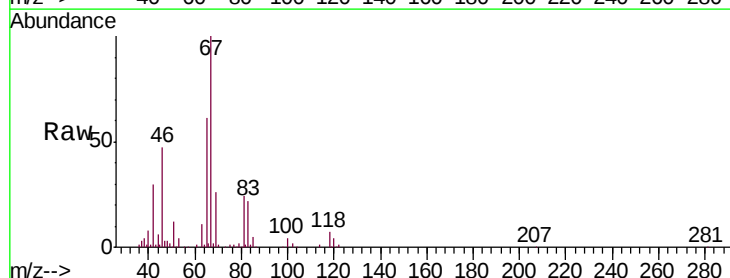
Acq: 17 Oct 2019 17:34

Tgt Ion: 63 Resp: 14585

Ion Ratio Lower Upper

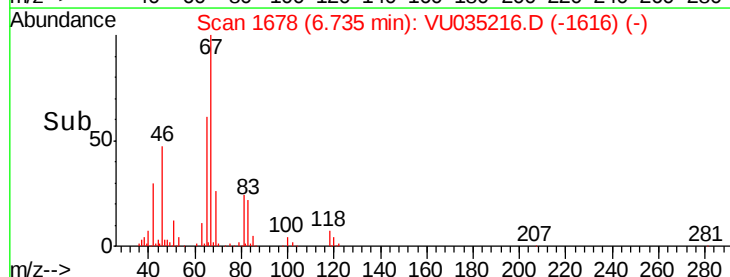
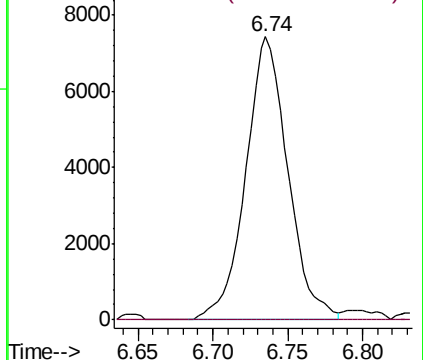
63 100

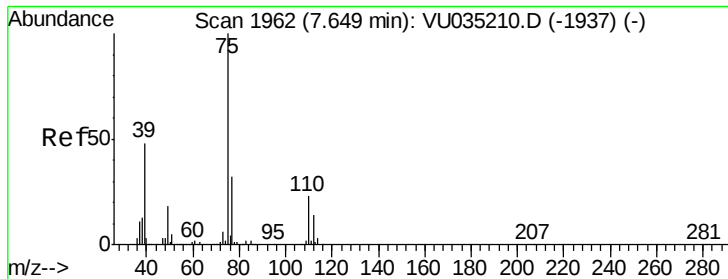
112 0.0 3.7 5.5#



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: 0.093 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035216.D

Acq: 17 Oct 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

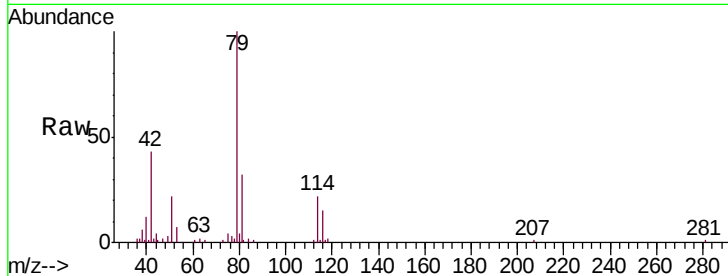
E0AA1

Tgt Ion: 75 Resp: 4031

Ion Ratio Lower Upper

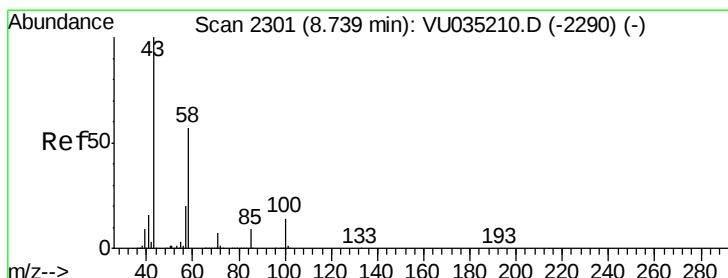
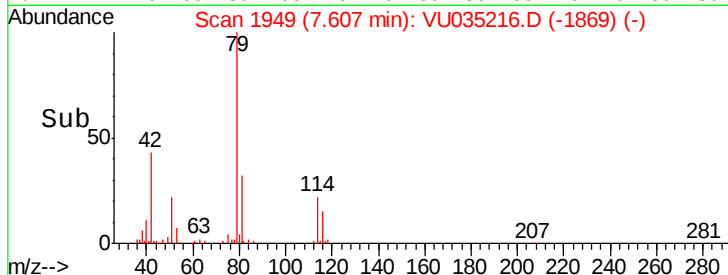
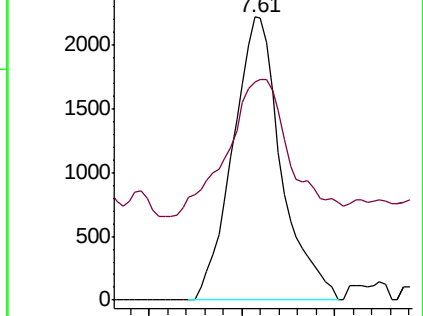
75 100

77 76.9 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.198 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VU035216.D

Acq: 17 Oct 2019 17:34

Tgt Ion: 43 Resp: 14691

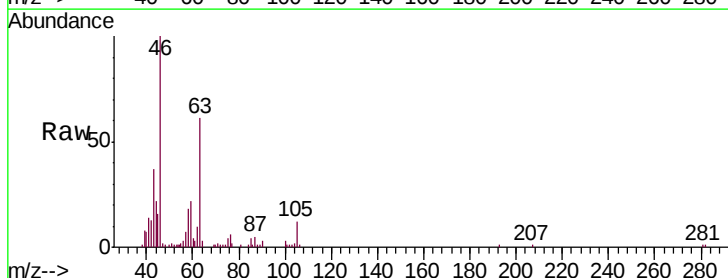
Ion Ratio Lower Upper

43 100

58 46.6 45.1 67.7

57 1.5 16.0 24.0#

100 8.2 10.4 15.6#

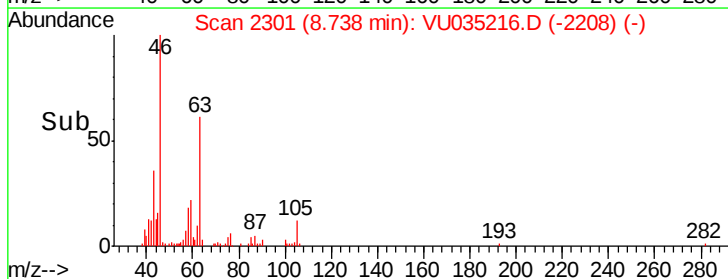
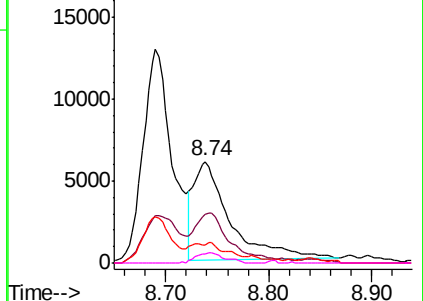


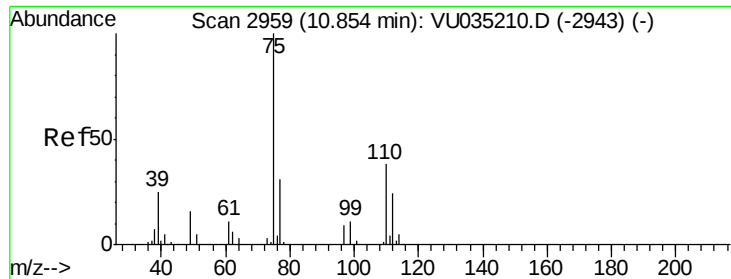
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.981 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035216.D

Acq: 17 Oct 2019 17:34

Instrument :

MSVOA_U

ClientSampleId :

E0AA1

Tgt Ion: 75 Resp: 17714

Ion Ratio Lower Upper

75 100

77 39.3 26.2 39.2#

