

Data File : VU035235.D
Acq On : 18 Oct 2019 01:45
Operator : JC/SP
Sample : K5419-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FZ9

Quant Time: Oct 18 05:39:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	350252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	332795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110346	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	99398	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	152713	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.72	46	309733	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	5.11	84	198144	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.75	65	112653	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.77	84	411448	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.74	67	135461	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.93	98	392648	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	8.22	79	58187	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.69	63	262010	50.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111124	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	137629	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

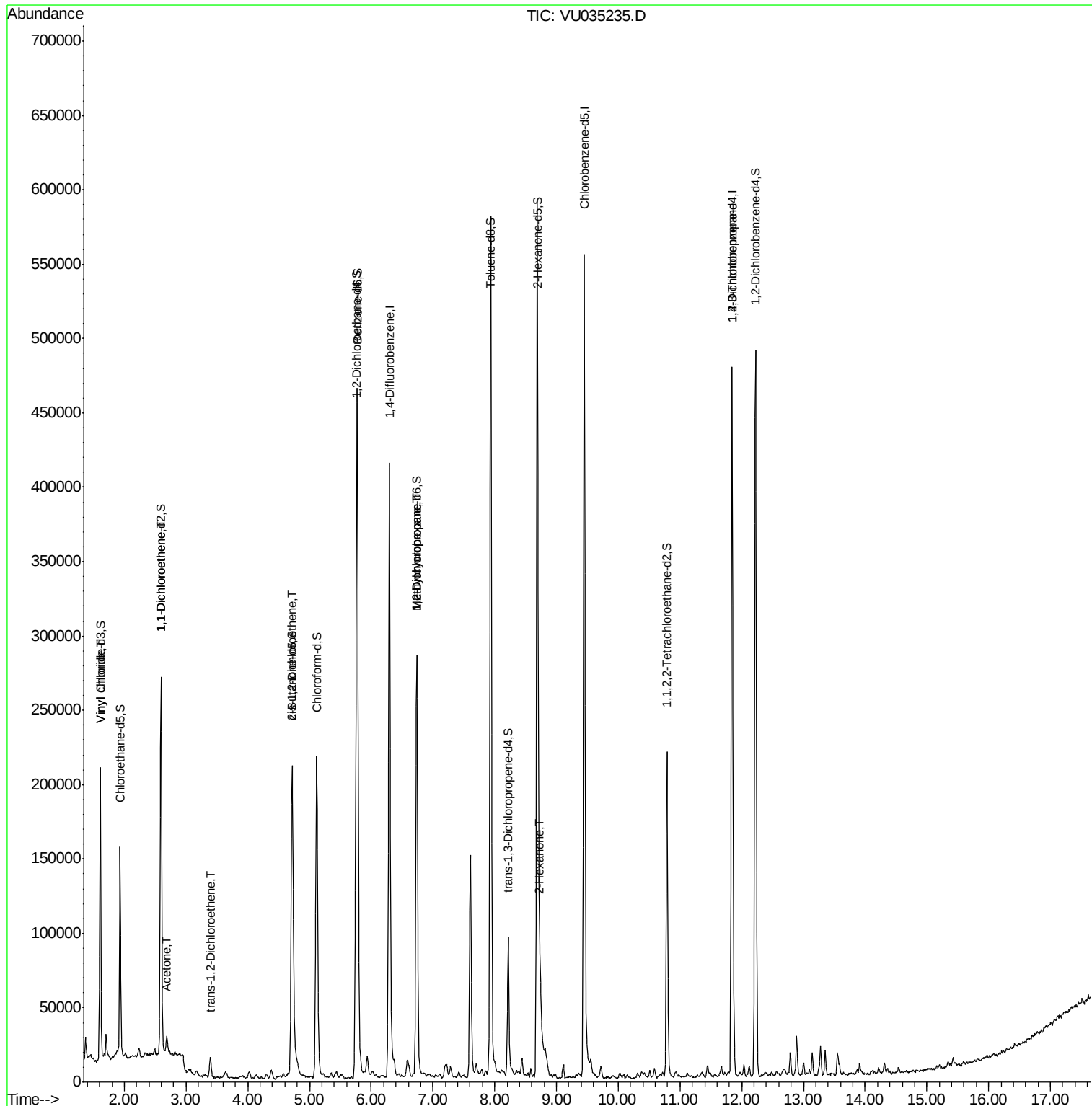
					Qvalue
5) Vinyl chloride	1.62	62	19939	0.657 ug/L	91
12) 1,1-Dichloroethene	2.59	96	1726	0.077 ug/L #	1
13) Acetone	2.69	43	17060	3.996 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	4784	0.197 ug/L	88
22) cis-1,2-Dichloroethene	4.72	96	18357	0.684 ug/L	95
35) Methylcyclohexane	6.74	83	31223	0.710 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	15004	0.604 ug/L #	86
48) 2-Hexanone	8.74	43	14676	1.247 ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	16490	0.952 ug/L #	85

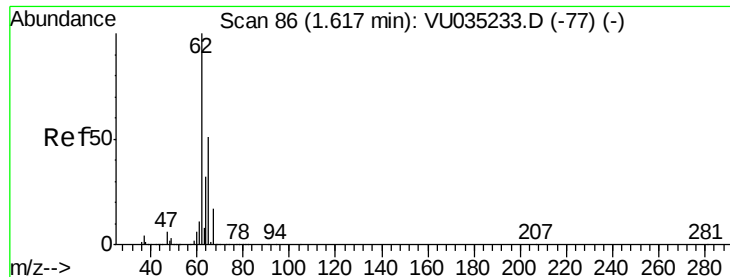
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.657 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

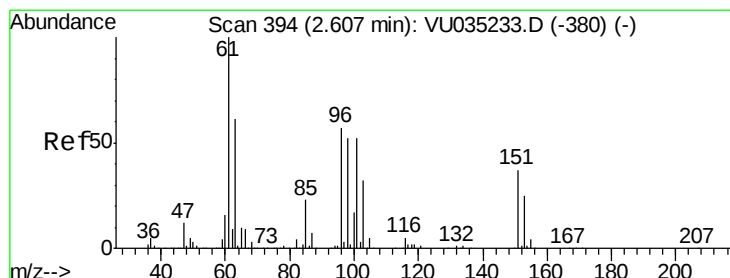
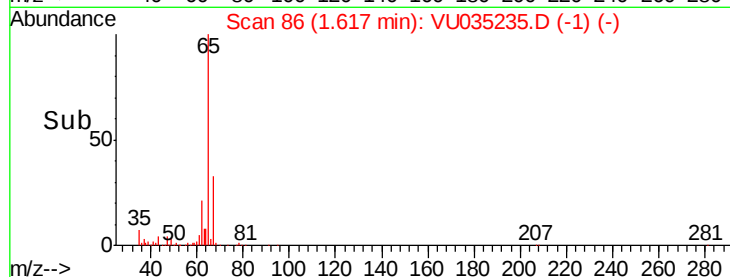
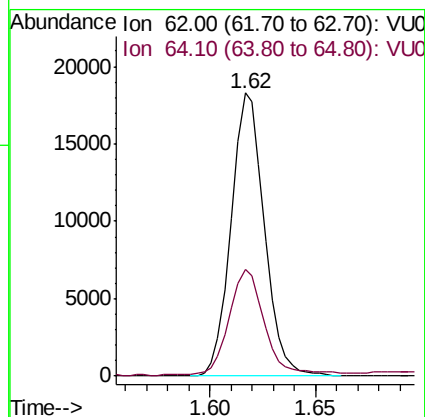
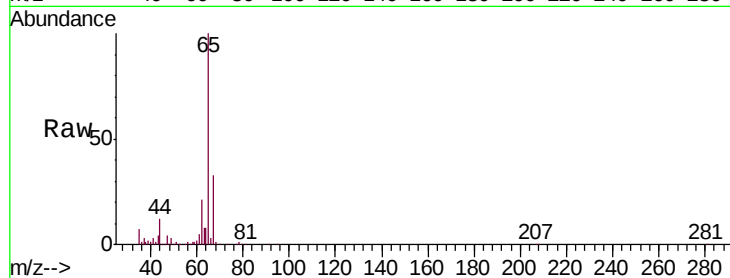
H0FZ9

Tgt Ion: 62 Resp: 19939

Ion Ratio Lower Upper

62 100

64 37.5 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

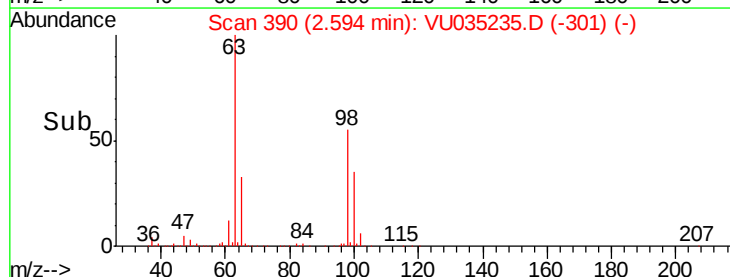
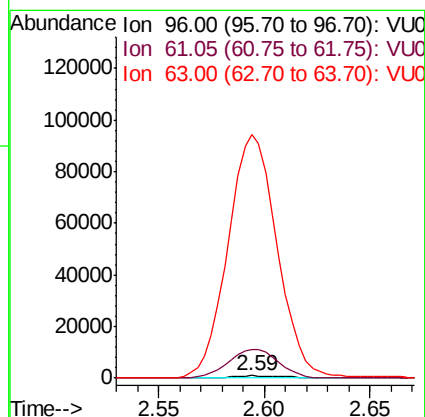
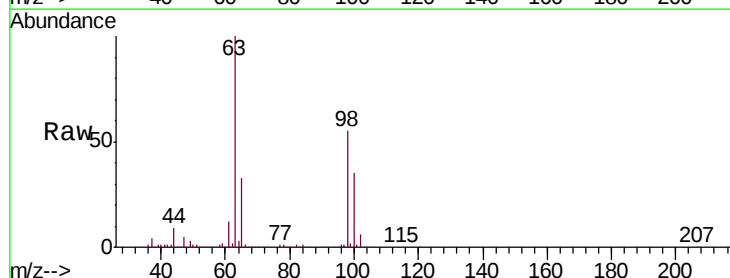
Tgt Ion: 96 Resp: 1726

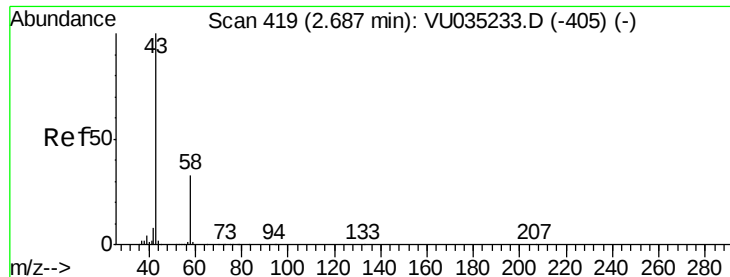
Ion Ratio Lower Upper

96 100

61 1218.8 120.6 224.0#

63 10203.7 86.8 161.2#





#13

Acetone

Concen: 3.996 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

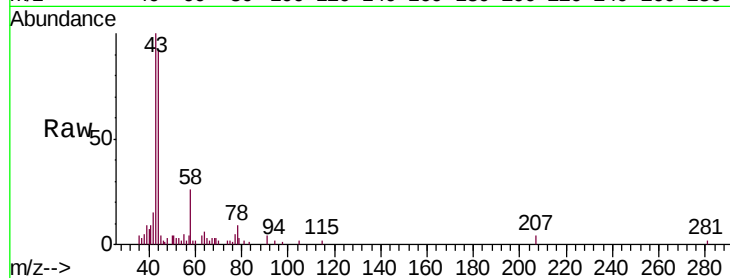
H0FZ9

Tgt Ion: 43 Resp: 17060

Ion Ratio Lower Upper

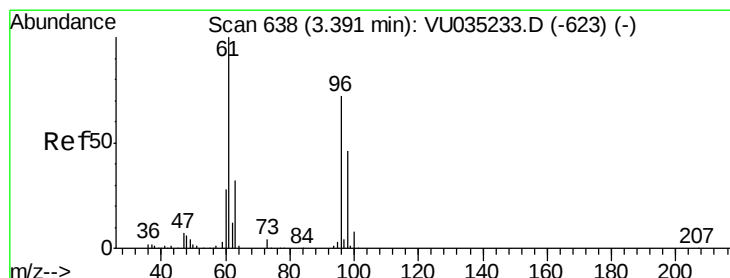
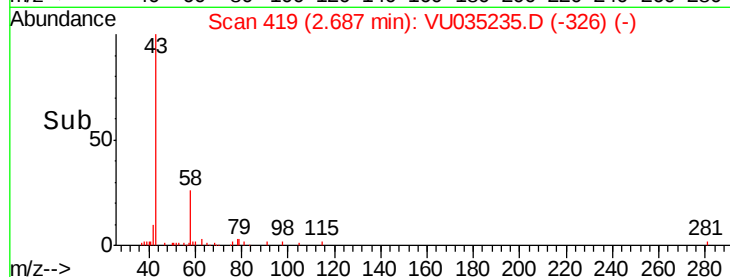
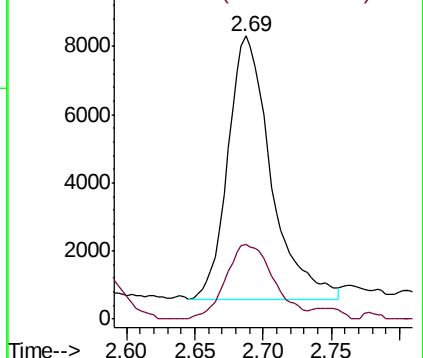
43 100

58 31.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035233.D (-405) (-)

Ion 58.05 (57.75 to 58.75): VU035233.D (-405) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.197 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

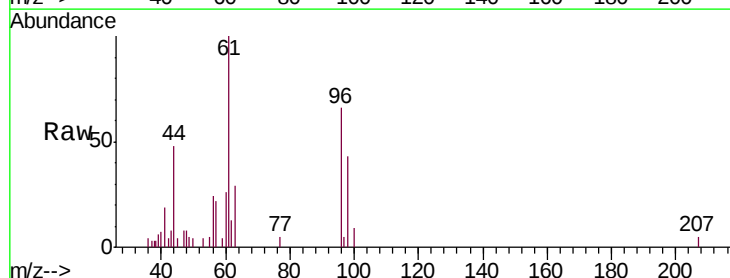
Tgt Ion: 96 Resp: 4784

Ion Ratio Lower Upper

96 100

61 152.4 93.0 172.6

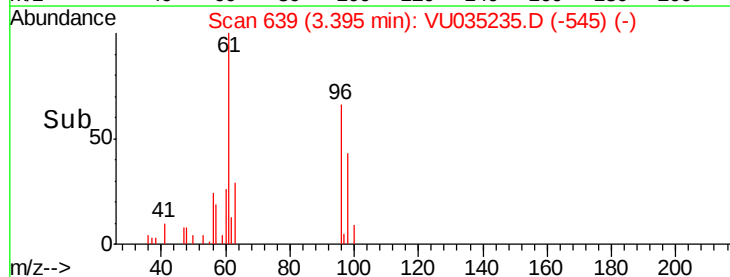
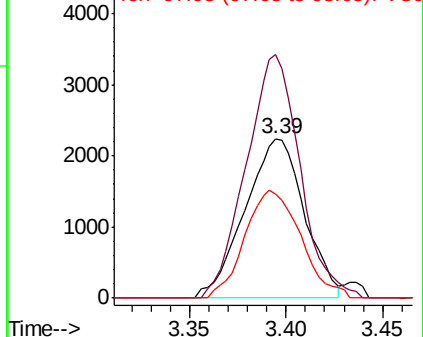
98 65.2 43.7 81.1

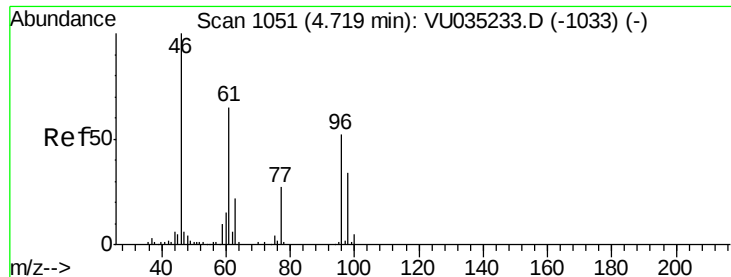


Abundance Ion 96.00 (95.70 to 96.70): VU035233.D (-623) (-)

Ion 61.05 (60.75 to 61.75): VU035233.D (-623) (-)

Ion 97.95 (97.65 to 98.65): VU035233.D (-623) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.684 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

H0FZ9

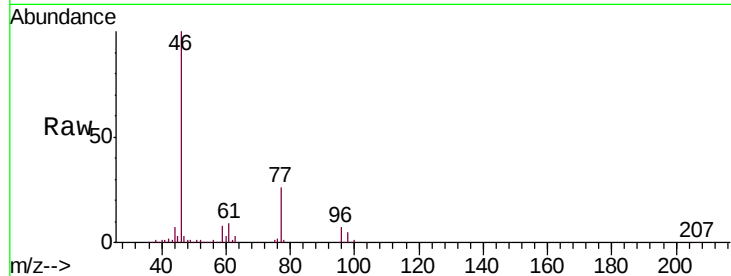
Tgt Ion: 96 Resp: 18357

Ion Ratio Lower Upper

96 100

61 122.3 89.7 166.5

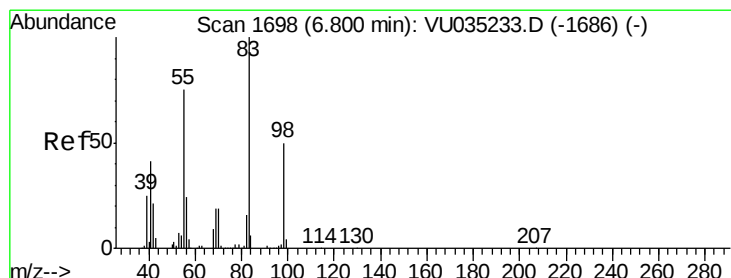
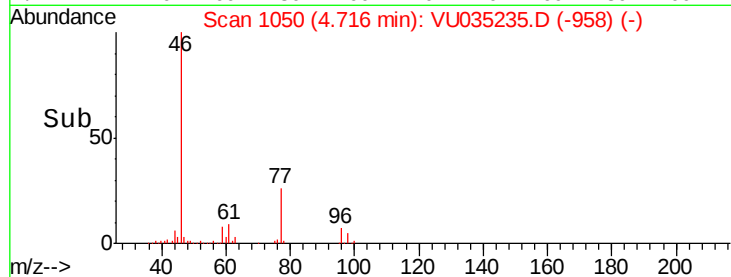
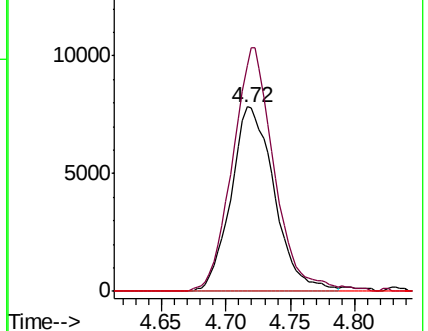
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035235.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035235.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035235.D (-958) (-)



#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

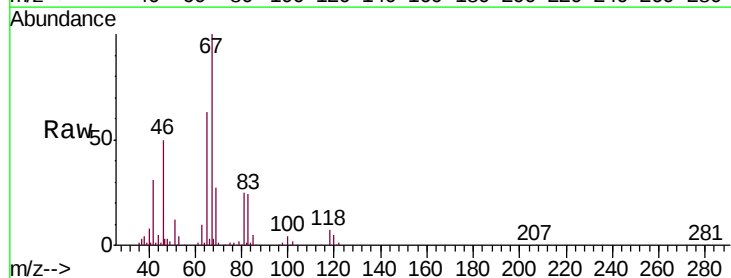
Tgt Ion: 83 Resp: 31223

Ion Ratio Lower Upper

83 100

55 0.6 60.4 90.6#

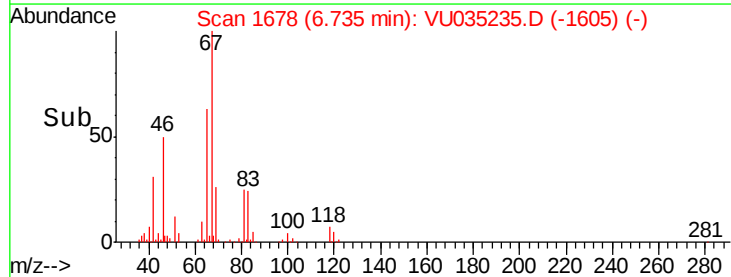
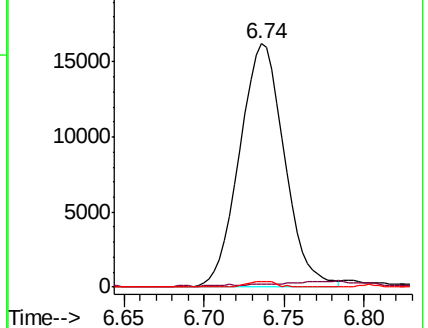
98 1.5 39.5 59.3#

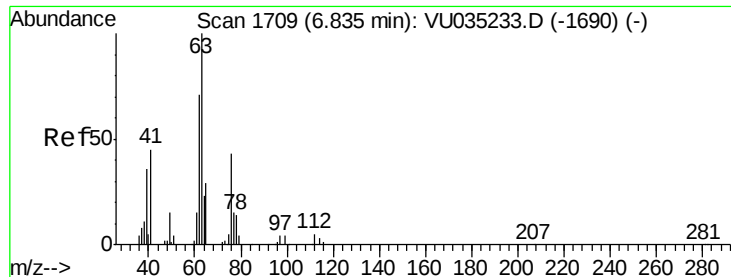


Abundance Ion 83.15 (82.85 to 83.85): VU035235.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035235.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035235.D (-1605) (-)





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

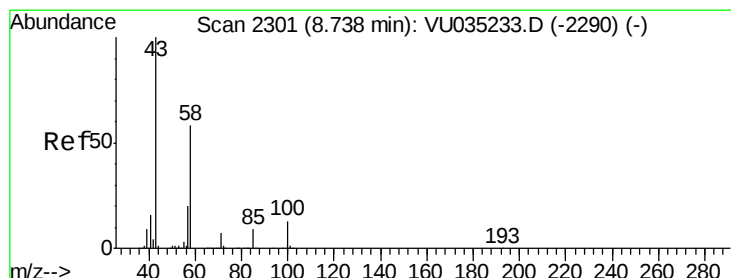
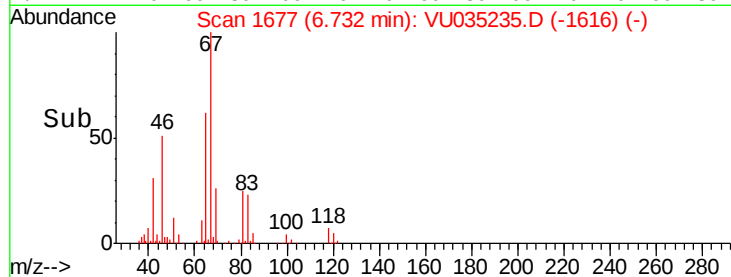
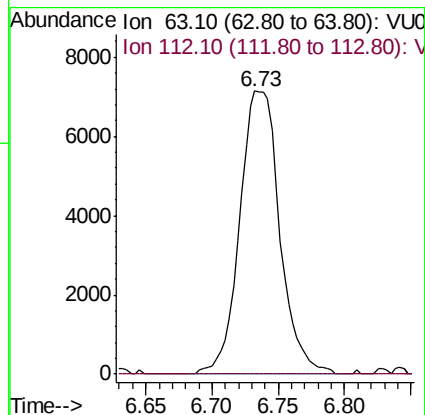
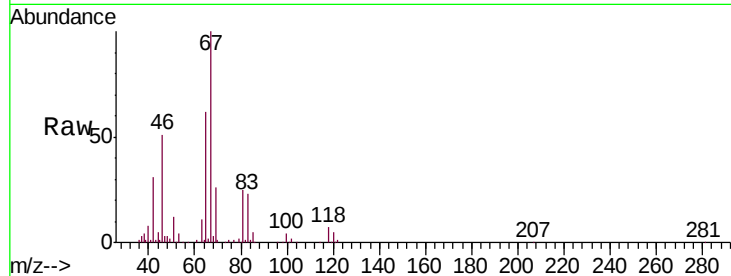
H0FZ9

Tgt Ion: 63 Resp: 15004

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 1.247 ug/L

RT: 8.74 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Tgt Ion: 43 Resp: 14676

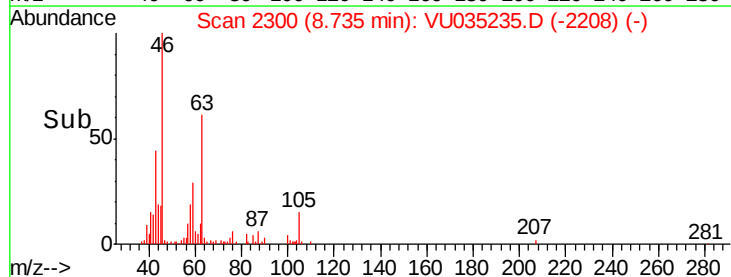
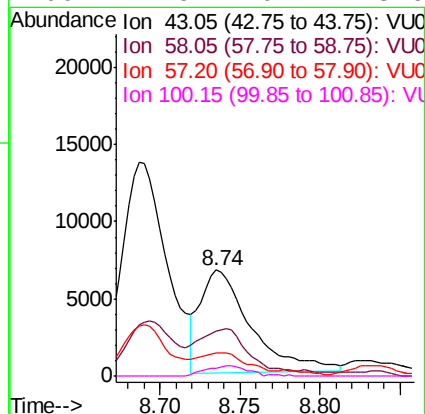
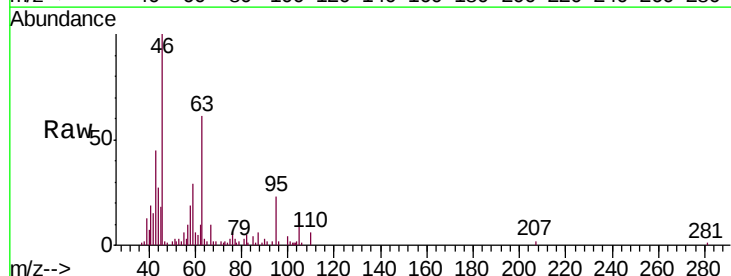
Ion Ratio Lower Upper

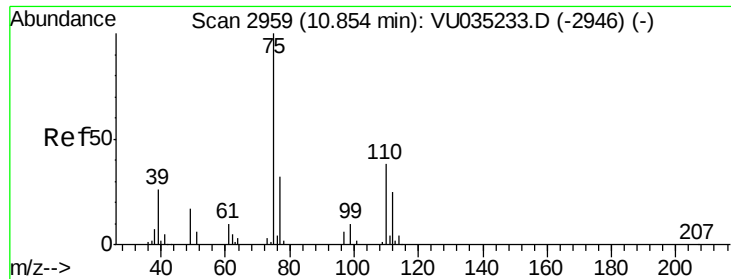
43 100

58 46.7 45.1 67.7

57 20.3 16.0 24.0

100 7.9 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.952 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035235.D

Acq: 18 Oct 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

H0FZ9

Tgt Ion: 75 Resp: 16490

Ion Ratio Lower Upper

75 100

77 41.4 26.2 39.2#

