

Data File : VU035851.D
Acq On : 26 Nov 2019 12:26
Operator : JC/SP
Sample : K5992-08DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE9DL

Quant Time: Nov 27 01:22:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226601	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103917	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	165104	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.93	69	143580	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.59	63	197334	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.70	46	426479	62.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.52%
24) Chloroform-d	5.11	84	253566	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.75	65	145296	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.77	84	489350	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	168611	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.93	98	394876	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.22	79	59706	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.68	63	325432	60.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	144162	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	120002	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

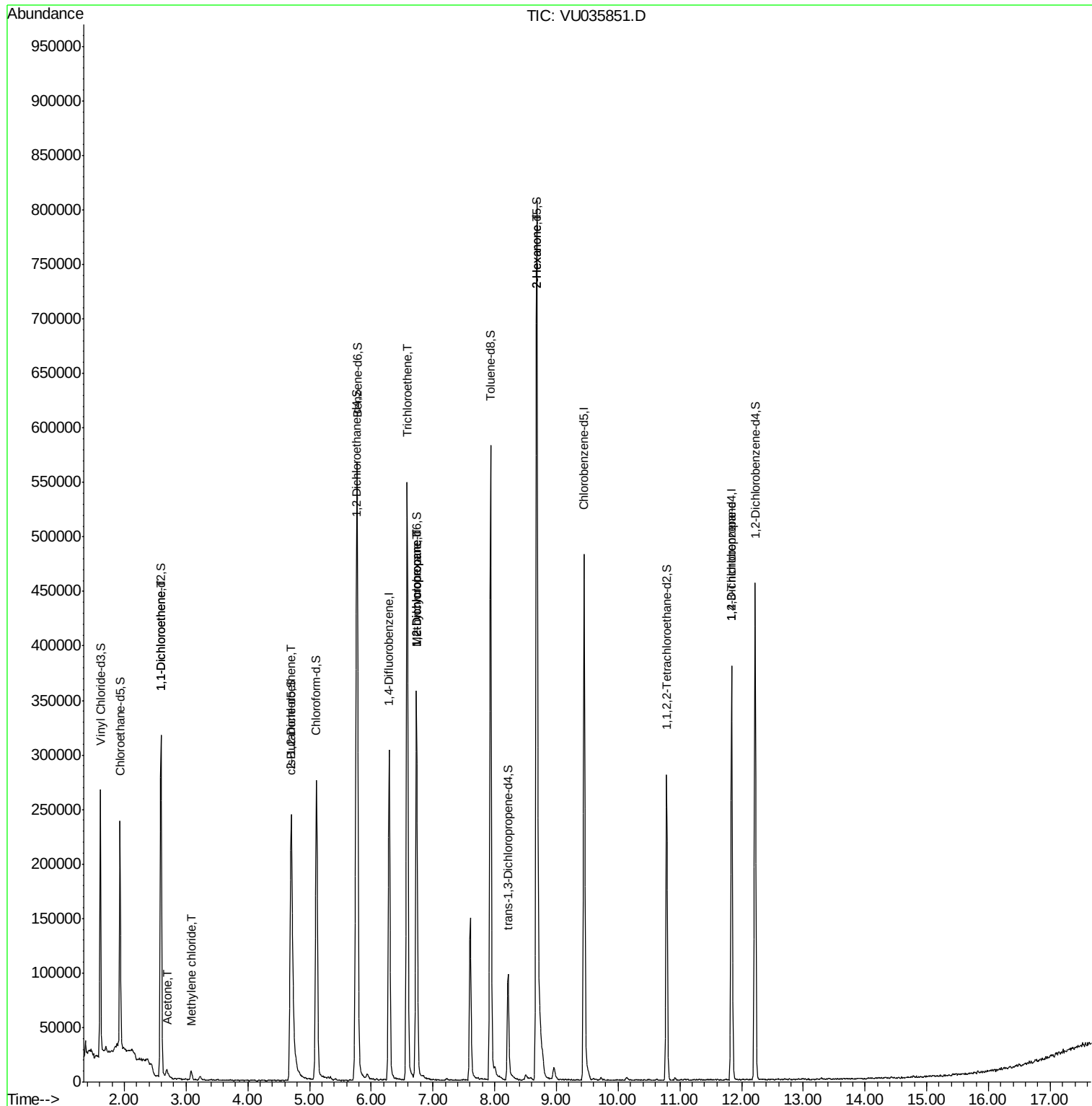
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1584	0.067 ug/L #	1
13) Acetone	2.69	43	10938	1.818 ug/L	96
16) Methylene chloride	3.08	84	3776	0.133 ug/L	85
22) cis-1,2-Dichloroethene	4.72	96	5100	0.197 ug/L	92
34) Trichloroethene	6.58	95	195505	7.090 ug/L	97
35) Methylcyclohexane	6.73	83	36982	0.914 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	18902	0.593 ug/L #	90
48) 2-Hexanone	8.68	43	40541	2.812 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	13660	0.659 ug/L	91

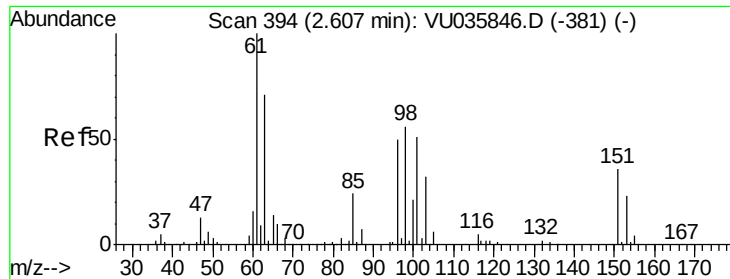
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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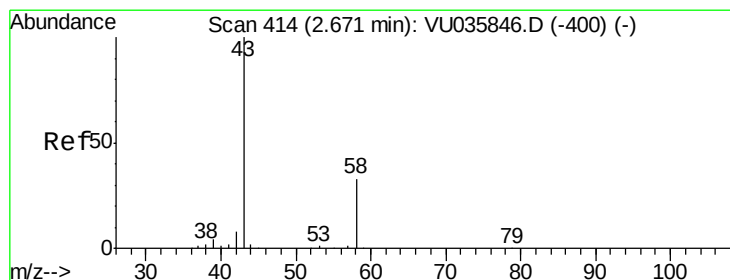
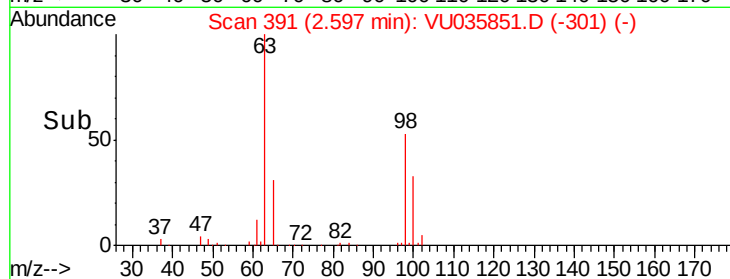
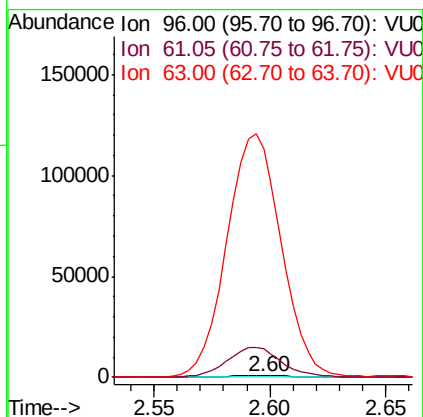
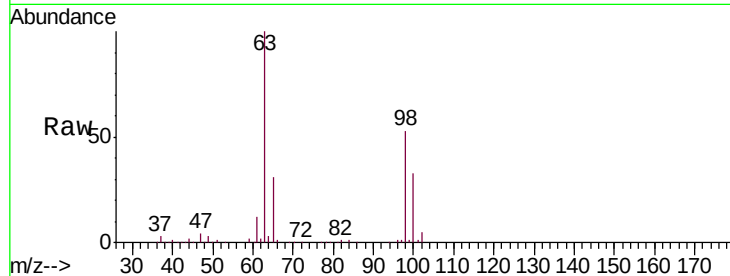




#12
 1,1-Dichloroethene
 Concen: 0.067 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035851.D
 Acq: 26 Nov 2019 12:26

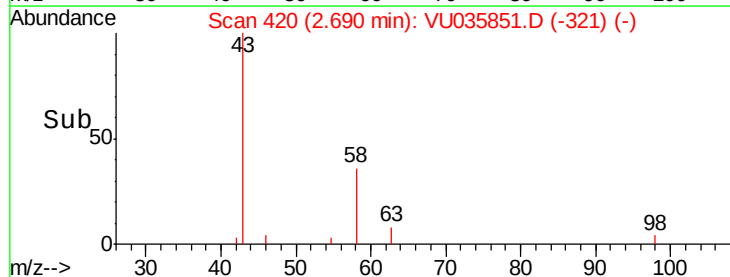
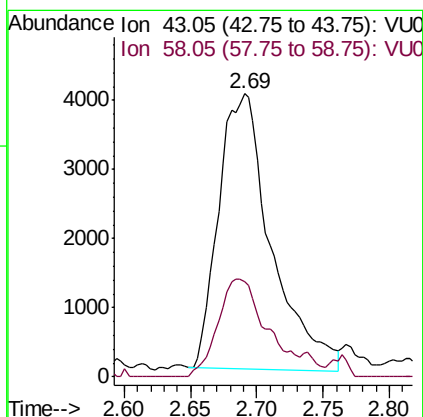
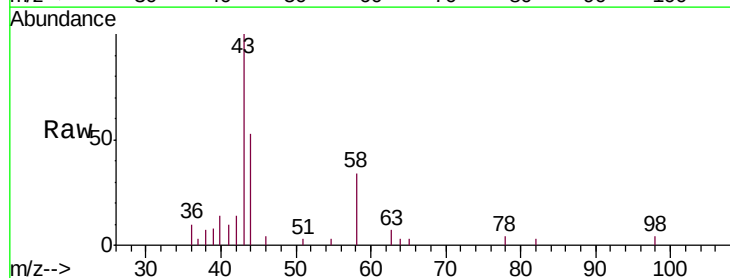
Instrument :
 MSVOA_U
 ClientSampleID :
 GARE9DL

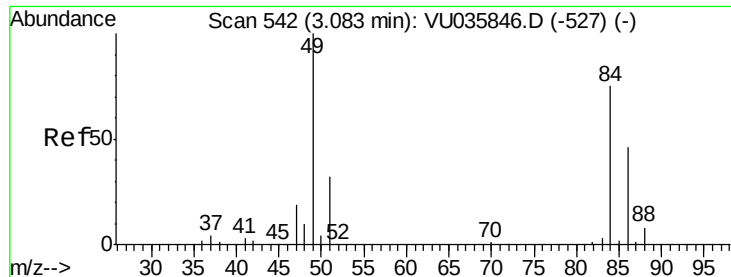
Tgt Ion: 96 Resp: 1584
 Ion Ratio Lower Upper
 96 100
 61 1696.0 139.3 258.7#
 63 13880.0 93.7 174.1#



#13
 Acetone
 Concen: 1.818 ug/L
 RT: 2.69 min Scan# 420
 Delta R.T. 0.02 min
 Lab File: VU035851.D
 Acq: 26 Nov 2019 12:26

Tgt Ion: 43 Resp: 10938
 Ion Ratio Lower Upper
 43 100
 58 33.0 0.0 61.2

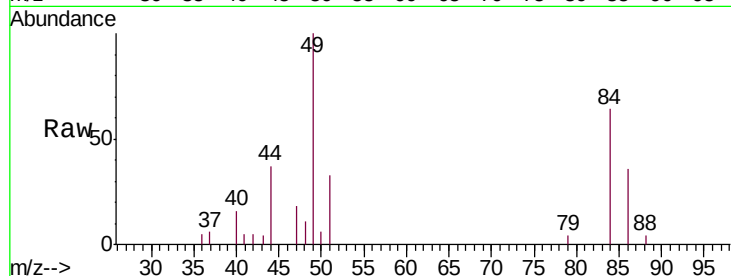




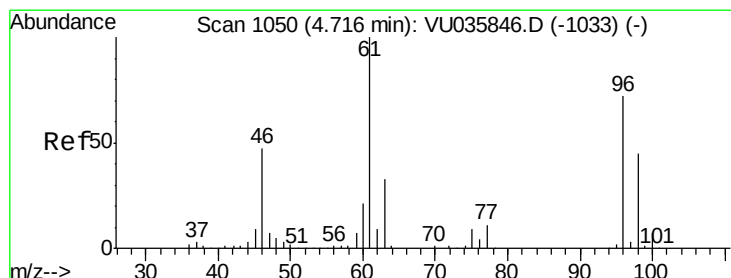
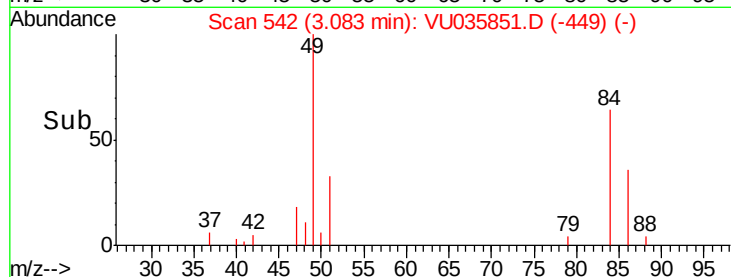
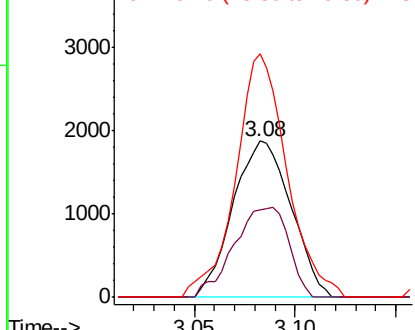
#16
Methylene chloride
Concen: 0.133 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035851.D
Acq: 26 Nov 2019 12:26

Instrument :
MSVOA_U
ClientSampleId :
GARE9DL

Tgt Ion: 84 Resp: 3776
Ion Ratio Lower Upper
84 100
86 56.2 44.4 82.5
49 156.1 94.0 174.6

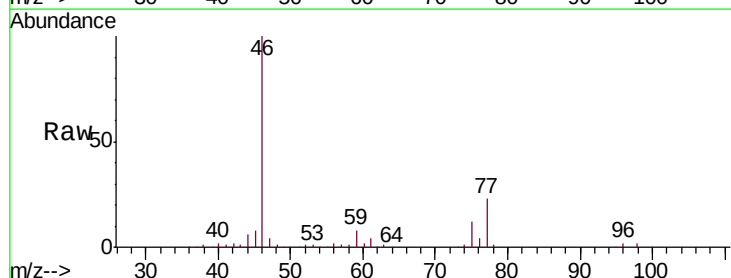


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

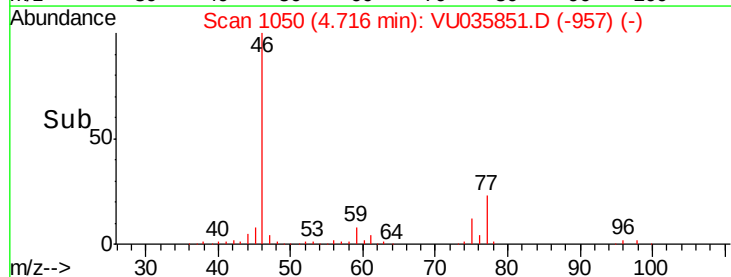
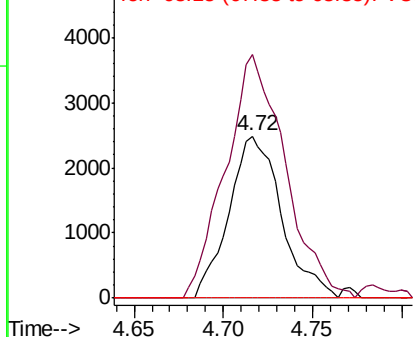


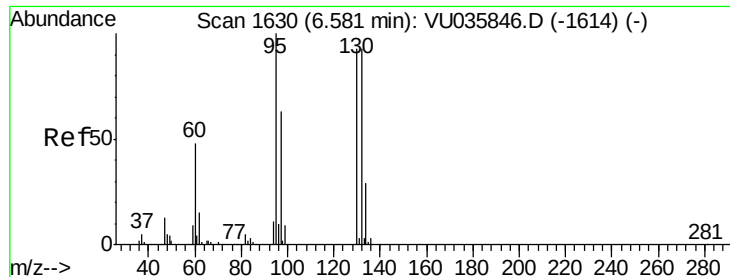
#22
cis-1,2-Dichloroethene
Concen: 0.197 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035851.D
Acq: 26 Nov 2019 12:26

Tgt Ion: 96 Resp: 5100
Ion Ratio Lower Upper
96 100
61 150.3 98.1 182.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 7.090 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035851.D

Acq: 26 Nov 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

GARE9DL

Tgt Ion: 95 Resp: 195505

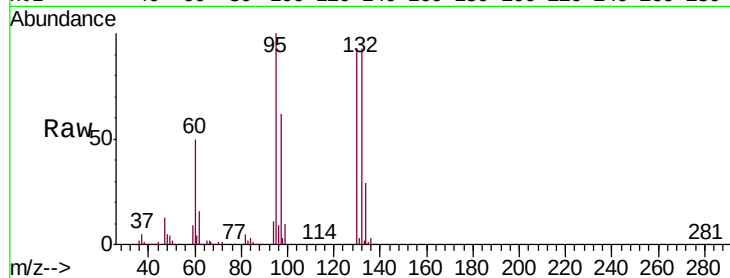
Ion Ratio Lower Upper

95 100

97 62.2 45.1 83.9

132 93.1 61.9 114.9

130 93.5 66.3 123.1

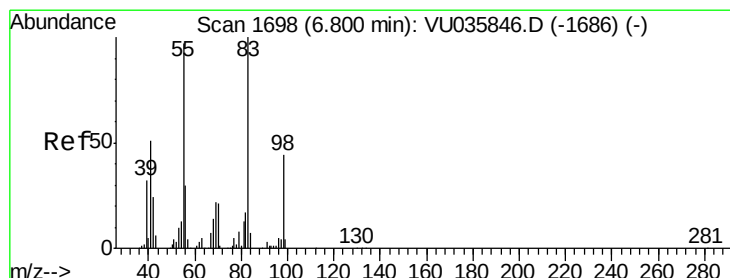
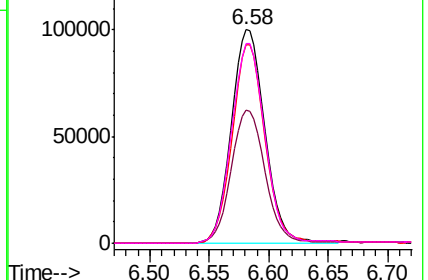
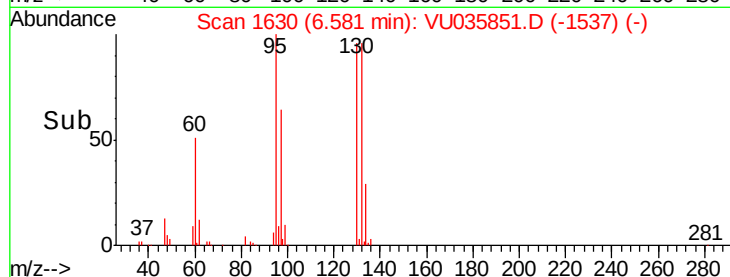


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035851.D

Acq: 26 Nov 2019 12:26

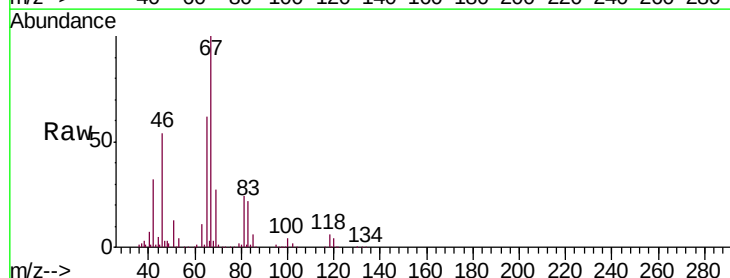
Tgt Ion: 83 Resp: 36982

Ion Ratio Lower Upper

83 100

55 0.3 72.7 109.1#

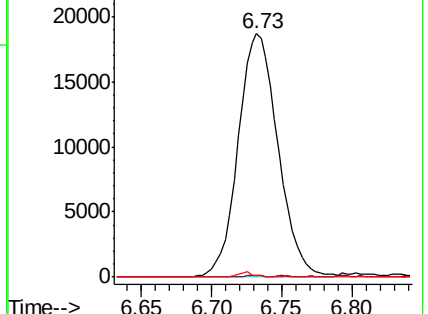
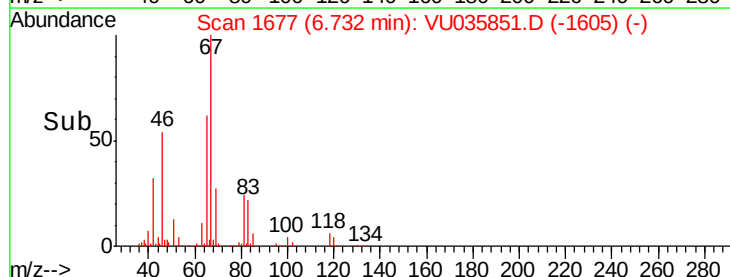
98 0.7 36.2 54.4#

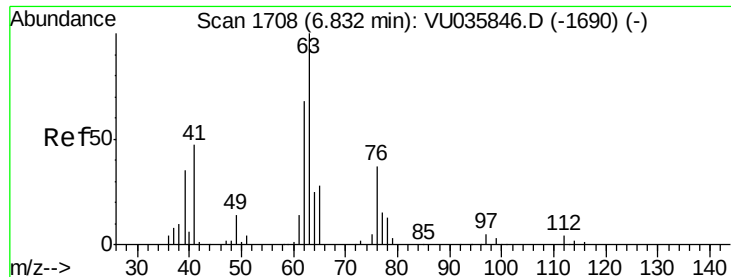


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

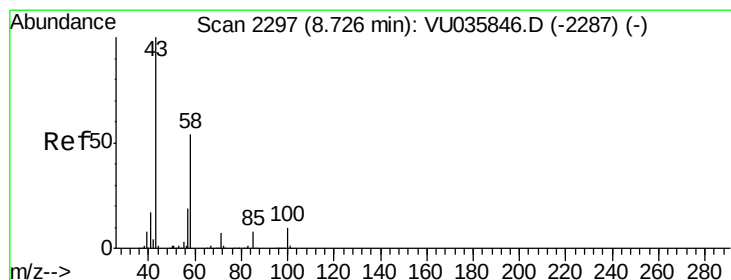
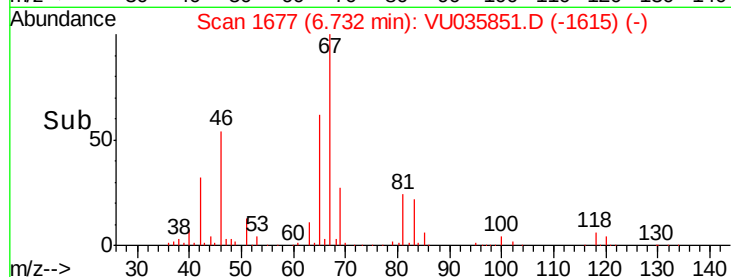
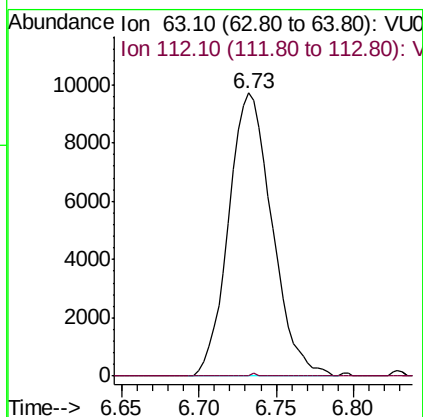
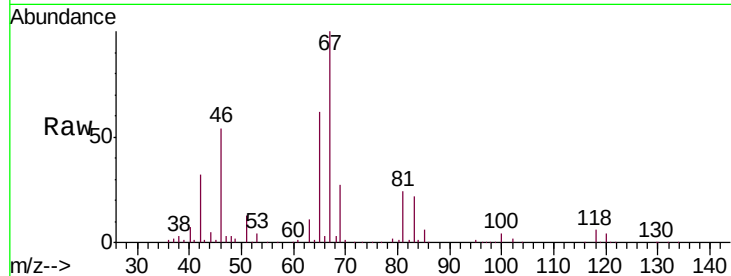




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035851.D
 Acq: 26 Nov 2019 12:26

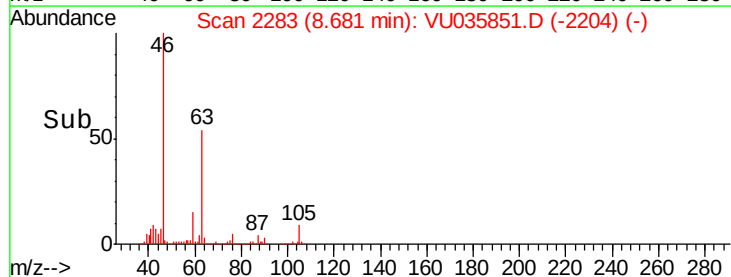
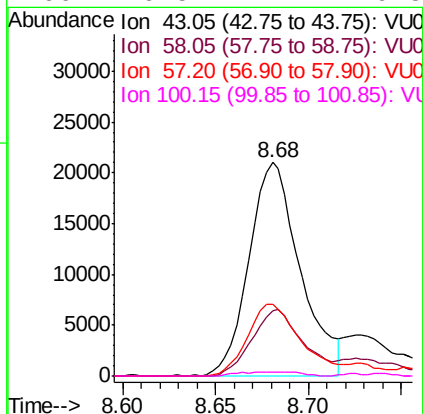
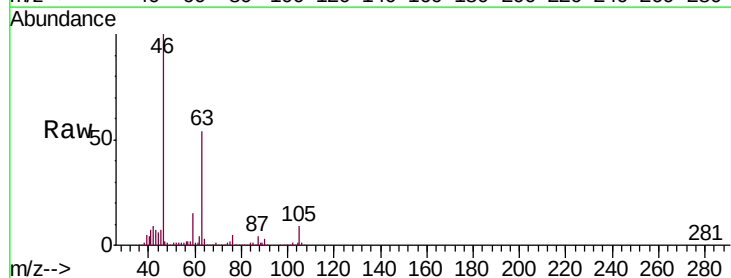
Instrument :
 MSVOA_U
 ClientSampled :
 GARE9DL

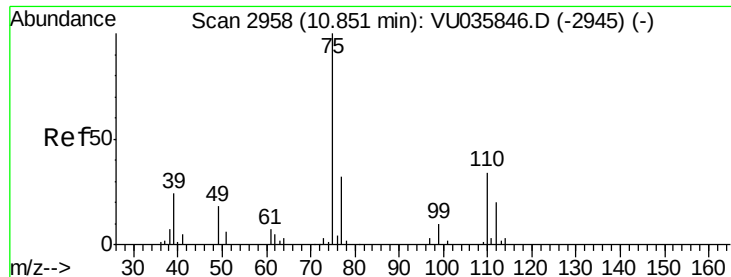
Tgt Ion: 63 Resp: 18902
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#48
 2-Hexanone
 Concen: 2.812 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: VU035851.D
 Acq: 26 Nov 2019 12:26

Tgt Ion: 43 Resp: 40541
 Ion Ratio Lower Upper
 43 100
 58 30.8 39.8 59.8#
 57 35.3 14.0 21.0#
 100 0.5 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.659 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035851.D

Acq: 26 Nov 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

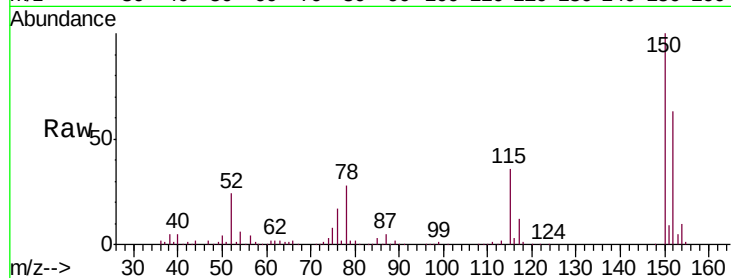
GARE9DL

Tgt Ion: 75 Resp: 13660

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

