

Data File : VU035852.D
Acq On : 26 Nov 2019 12:50
Operator : JC/SP
Sample : K5992-05DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE6DL

Quant Time: Nov 27 01:22:14 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	238763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	273681	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	166351	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.93	69	149049	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.59	63	201549	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.70	46	388105	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.11	84	258474	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	144588	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.77	84	501061	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	174180	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.93	98	405998	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.22	79	61101	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.68	63	283854	51.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	136391	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	118288	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

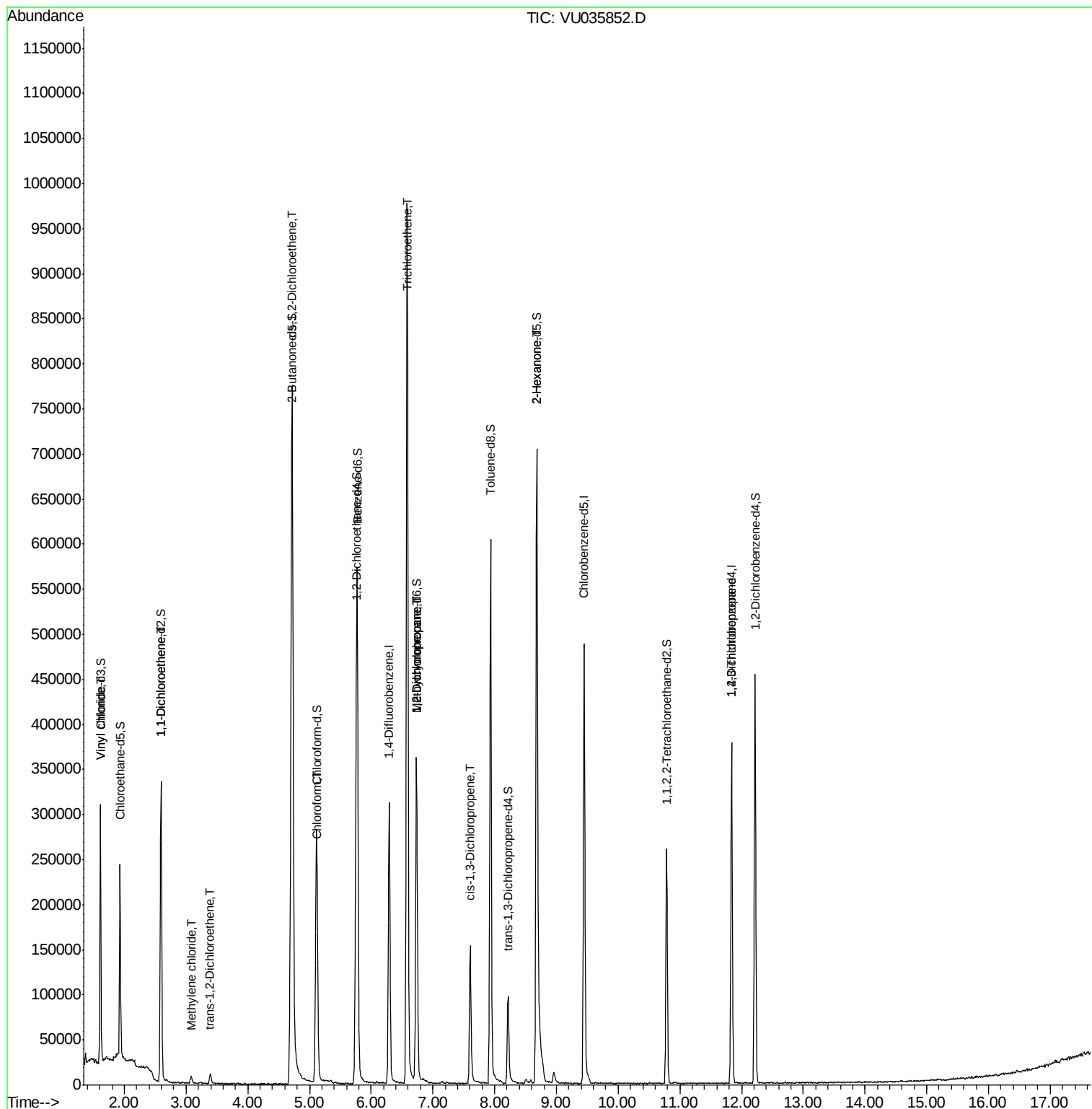
					Qvalue
5) Vinyl chloride	1.62	62	34396	0.863 ug/L	90
12) 1,1-Dichloroethene	2.60	96	5184	0.209 ug/L #	1
16) Methylene chloride	3.08	84	3874	0.129 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	4587	0.188 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	321797	11.805 ug/L	98
25) Chloroform	5.13	83	16629	0.311 ug/L	92
34) Trichloroethene	6.58	95	347741	12.415 ug/L	98
35) Methylcyclohexane	6.73	83	38109	0.927 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	18965	0.585 ug/L #	90
39) cis-1,3-Dichloropropene	7.61	75	4446	0.106 ug/L #	49
48) 2-Hexanone	8.68	43	33601	2.294 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	13582	0.645 ug/L #	88

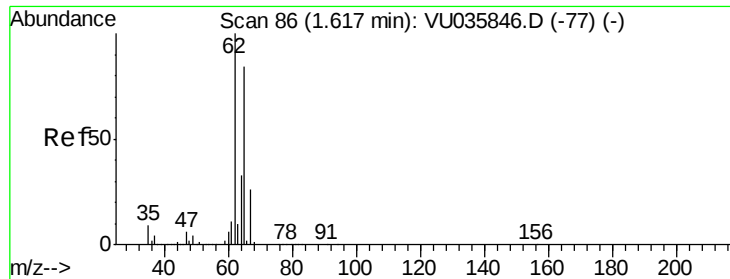
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.863 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU035852.D

Acq: 26 Nov 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

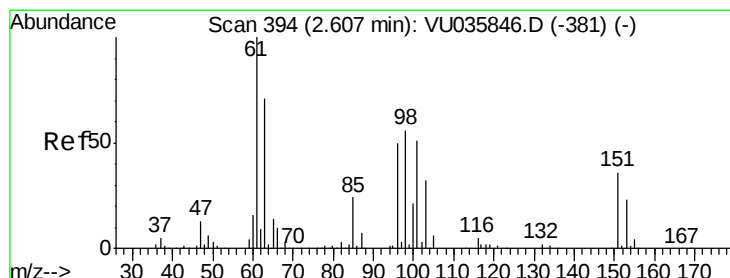
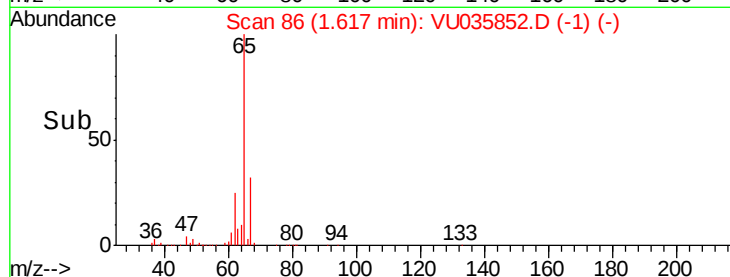
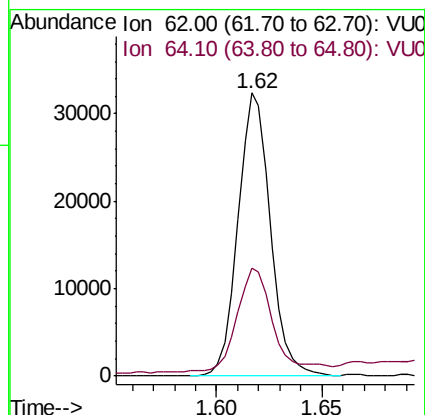
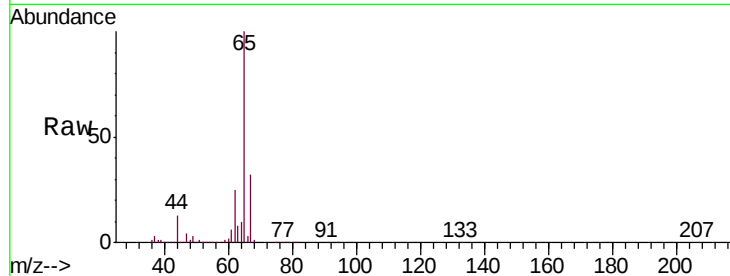
GARE6DL

Tgt Ion: 62 Resp: 34396

Ion Ratio Lower Upper

62 100

64 38.0 22.5 41.9



#12

1,1-Dichloroethene

Concen: 0.209 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035852.D

Acq: 26 Nov 2019 12:50

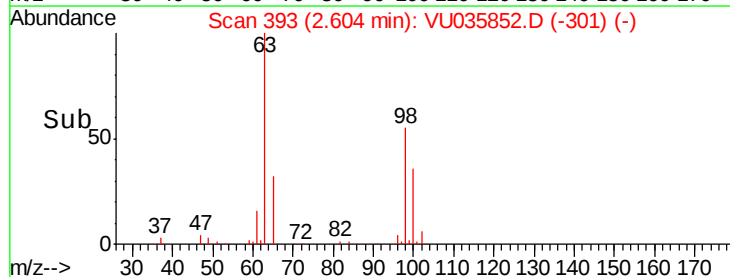
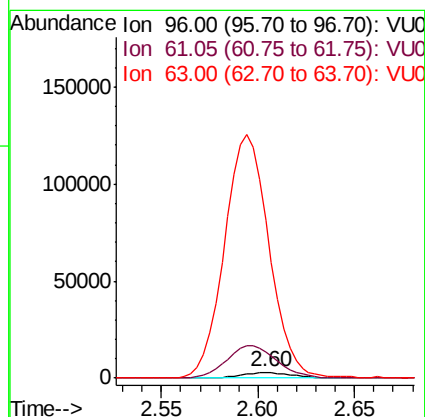
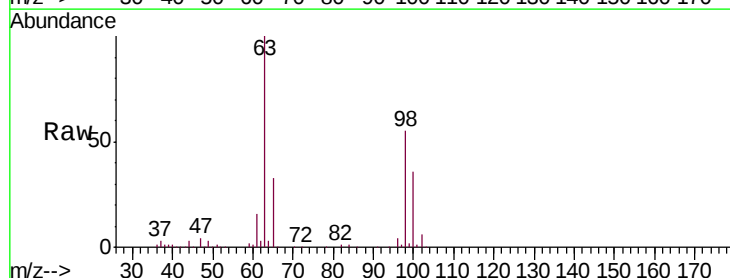
Tgt Ion: 96 Resp: 5184

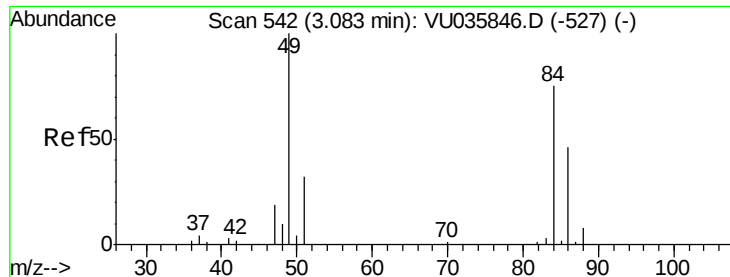
Ion Ratio Lower Upper

96 100

61 462.6 139.3 258.7#

63 2841.8 93.7 174.1#

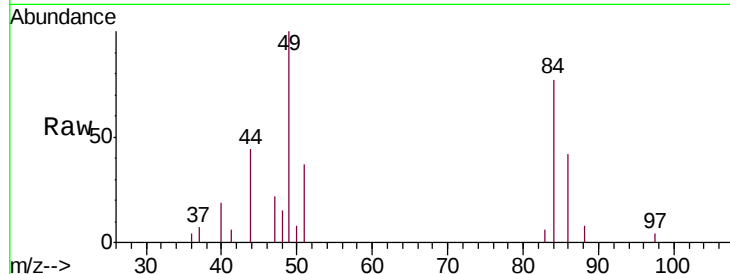




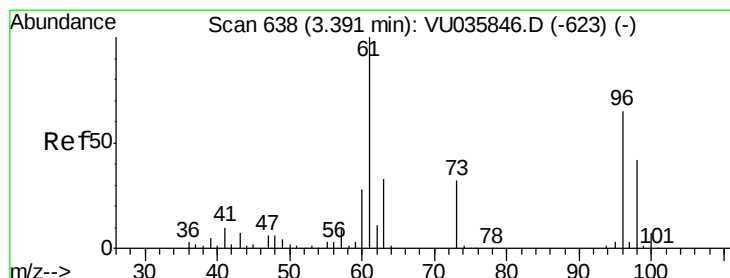
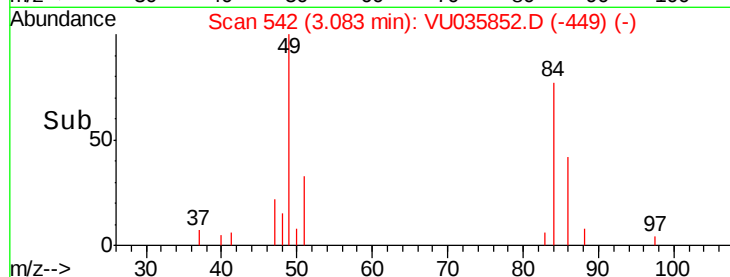
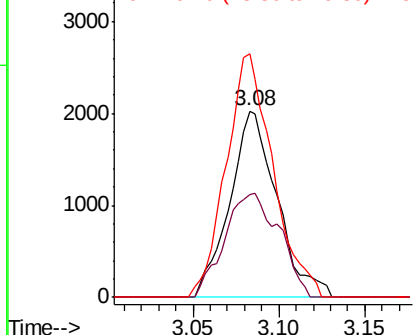
#16
Methylene chloride
Concen: 0.129 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035852.D
Acq: 26 Nov 2019 12:50

Instrument :
MSVOA_U
ClientSampleId :
GARE6DL

Tgt Ion: 84 Resp: 3874
Ion Ratio Lower Upper
84 100
86 55.2 44.4 82.5
49 130.6 94.0 174.6

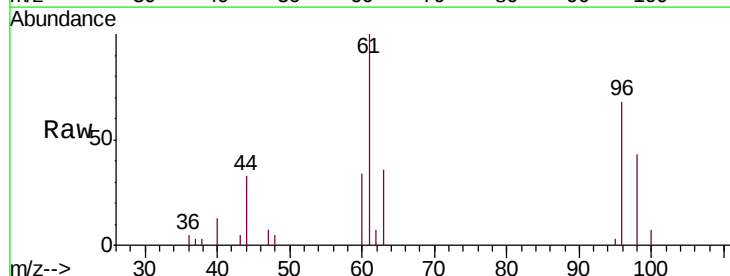


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

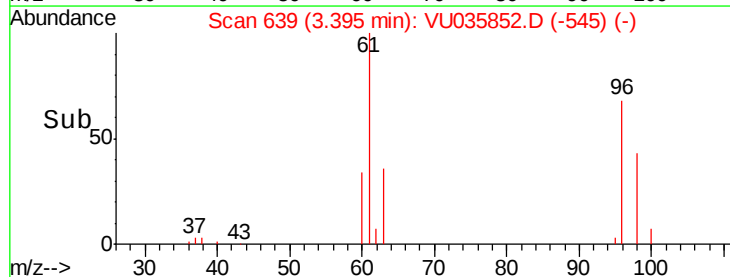
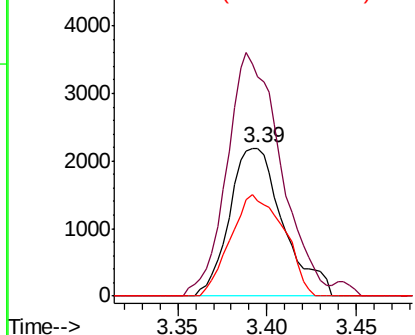


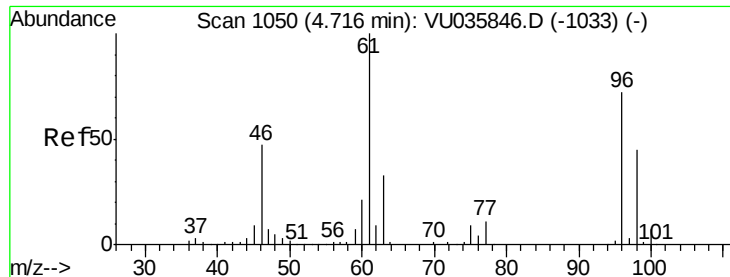
#18
trans-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035852.D
Acq: 26 Nov 2019 12:50

Tgt Ion: 96 Resp: 4587
Ion Ratio Lower Upper
96 100
61 148.1 111.1 206.3
98 64.0 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 11.805 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035852.D

Acq: 26 Nov 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

GARE6DL

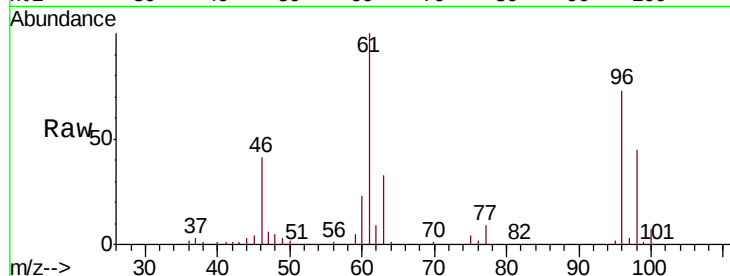
Tgt Ion: 96 Resp: 321797

Ion Ratio Lower Upper

96 100

61 137.4 98.1 182.1

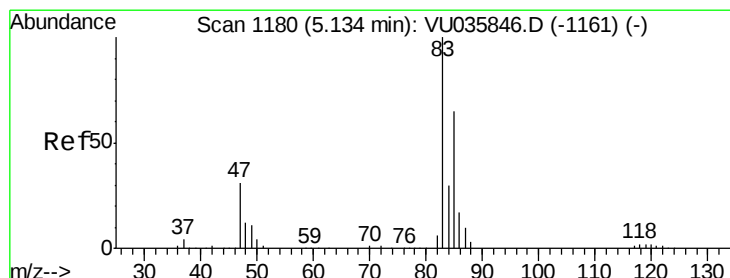
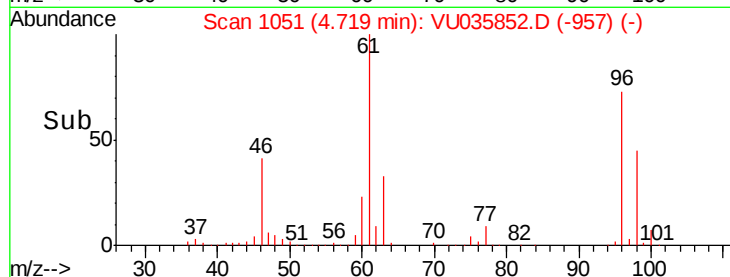
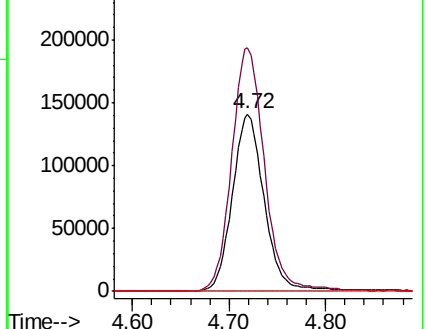
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035846.D (-1033) (-)



#25

Chloroform

Concen: 0.311 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU035852.D

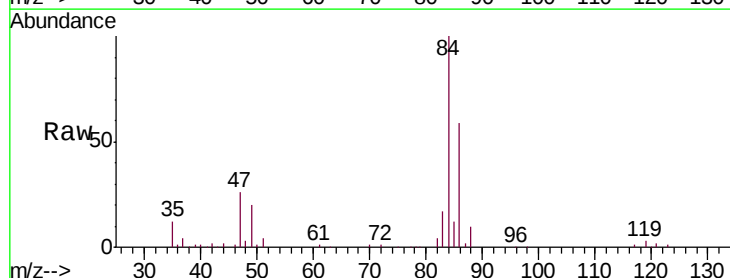
Acq: 26 Nov 2019 12:50

Tgt Ion: 83 Resp: 16629

Ion Ratio Lower Upper

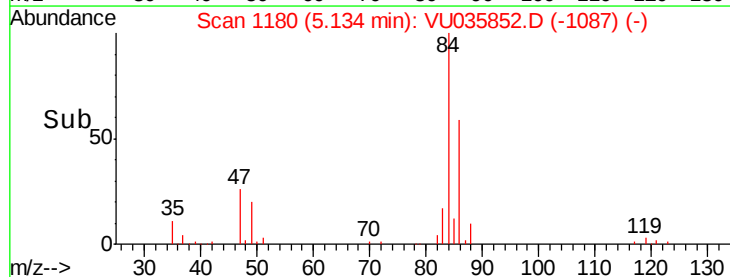
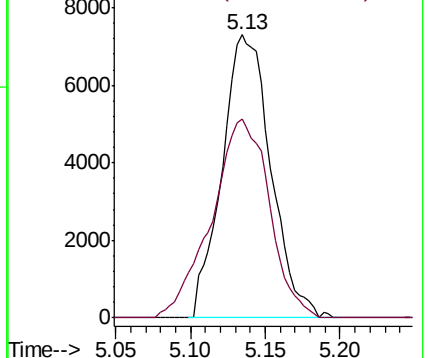
83 100

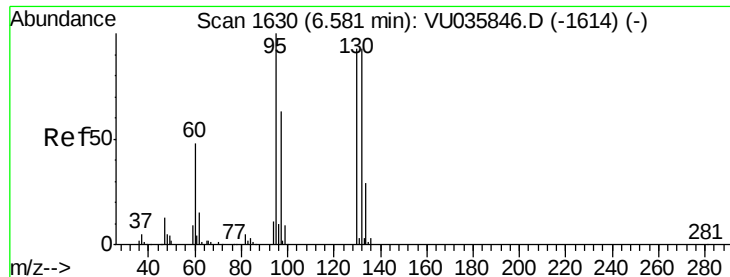
85 70.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035846.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035846.D (-1161) (-)





#34

Trichloroethene

Concen: 12.415 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035852.D

Acq: 26 Nov 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

GARE6DL

Tgt Ion: 95 Resp: 347741

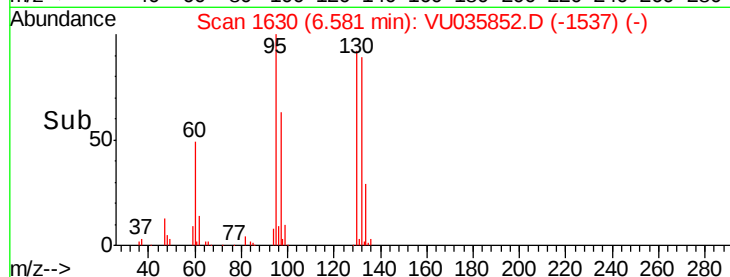
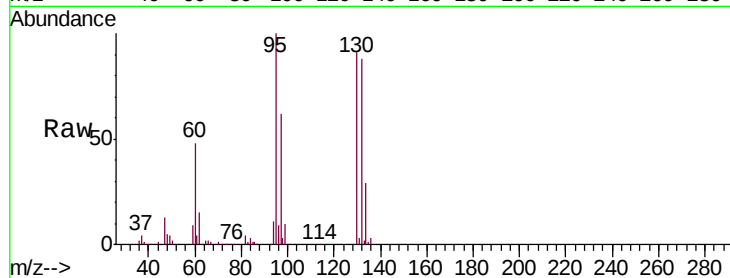
Ion Ratio Lower Upper

95 100

97 62.3 45.1 83.9

132 87.9 61.9 114.9

130 90.8 66.3 123.1

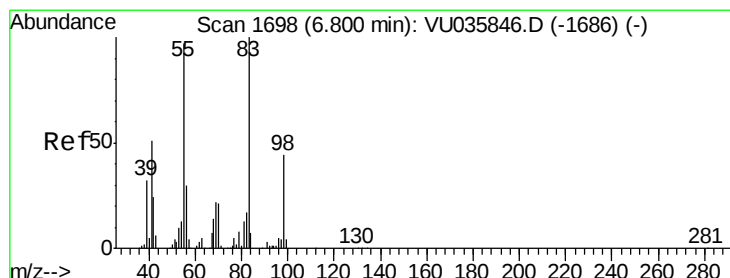
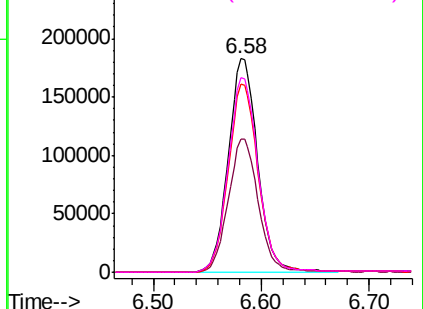


Abundance Ion 95.00 (94.70 to 95.70): VU035846.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU035846.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU035846.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU035846.D (-1614) (-)



#35

Methylcyclohexane

Concen: 0.927 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035852.D

Acq: 26 Nov 2019 12:50

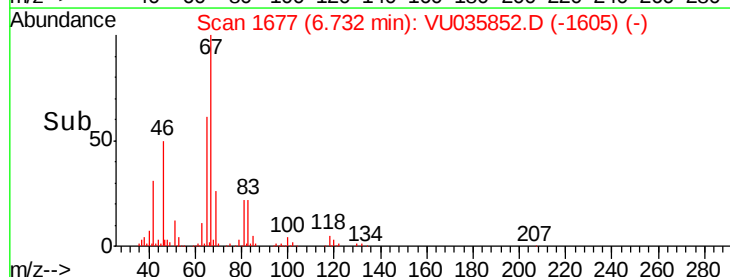
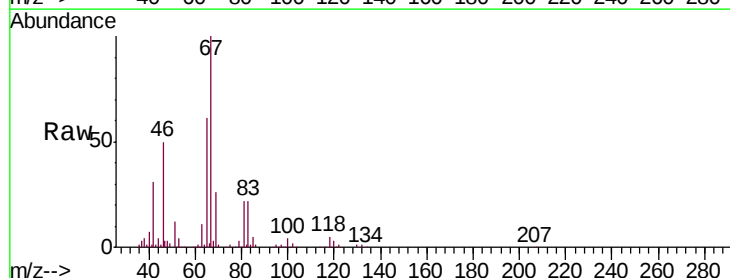
Tgt Ion: 83 Resp: 38109

Ion Ratio Lower Upper

83 100

55 0.9 72.7 109.1#

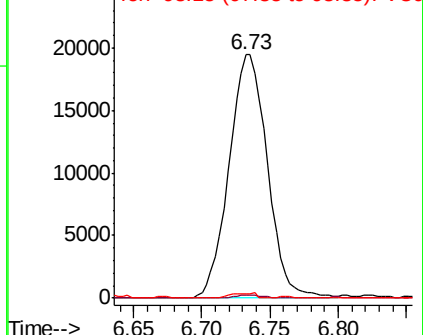
98 1.2 36.2 54.4#

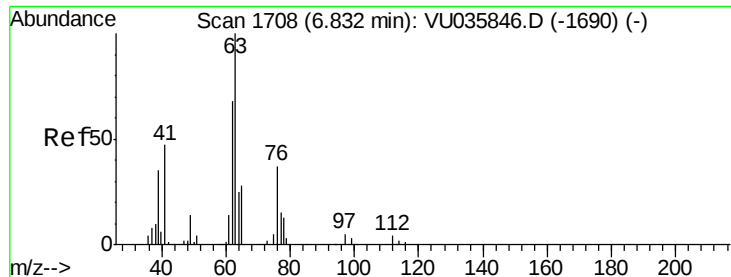


Abundance Ion 83.15 (82.85 to 83.85): VU035846.D (-1686) (-)

Ion 55.10 (54.80 to 55.80): VU035846.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU035846.D (-1686) (-)





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035852.D

Acq: 26 Nov 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

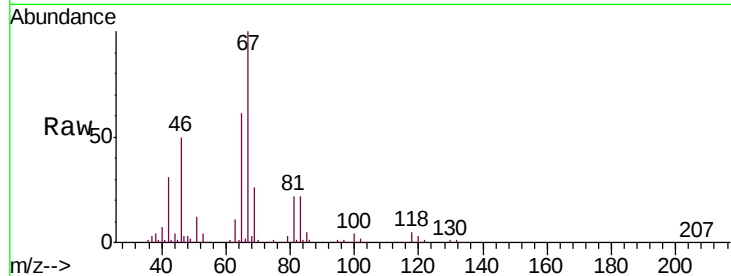
GARE6DL

Tgt Ion: 63 Resp: 18965

Ion Ratio Lower Upper

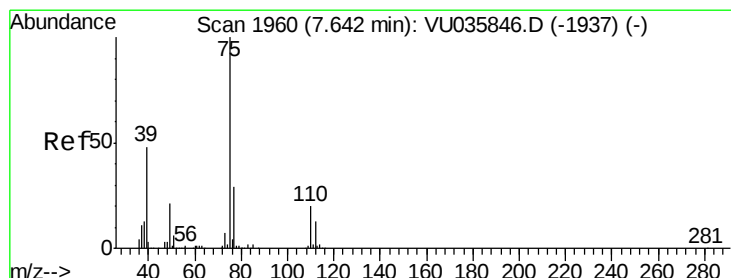
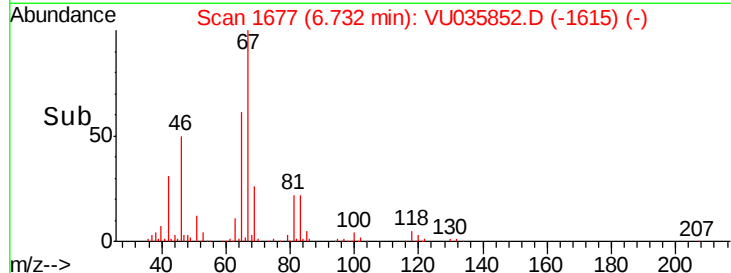
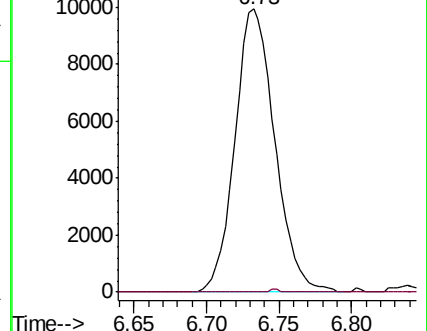
63 100

112 0.2 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035846.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035846.D (-1690) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035852.D

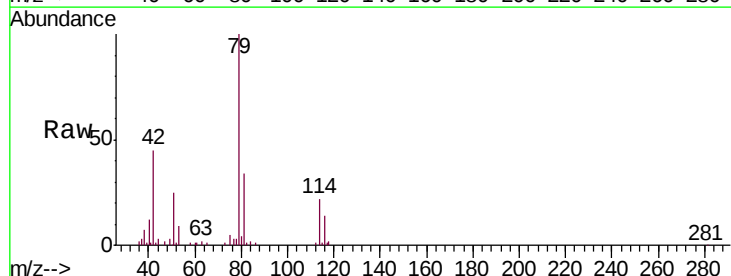
Acq: 26 Nov 2019 12:50

Tgt Ion: 75 Resp: 4446

Ion Ratio Lower Upper

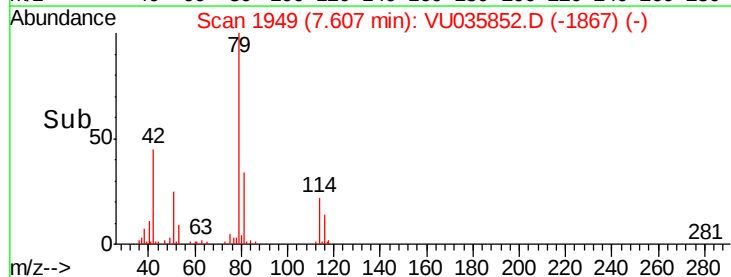
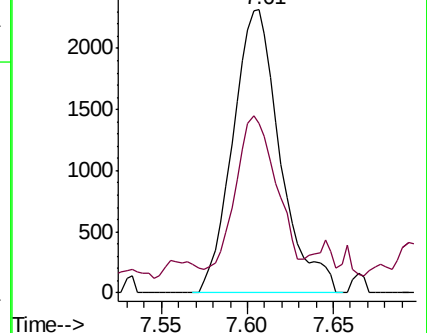
75 100

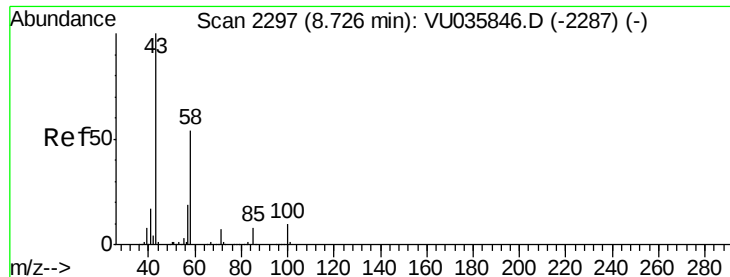
77 60.0 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035846.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035846.D (-1937) (-)

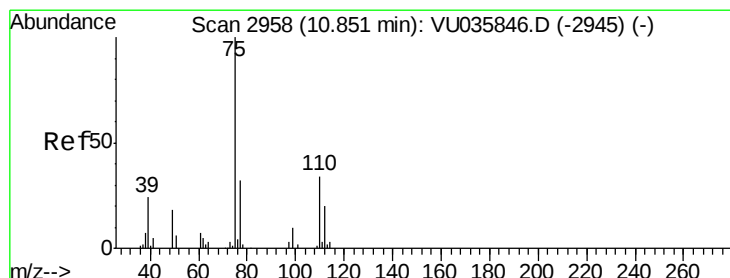
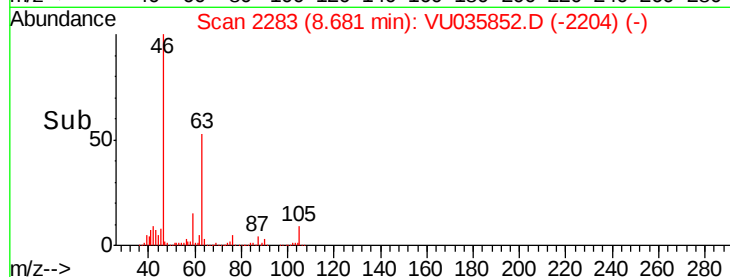
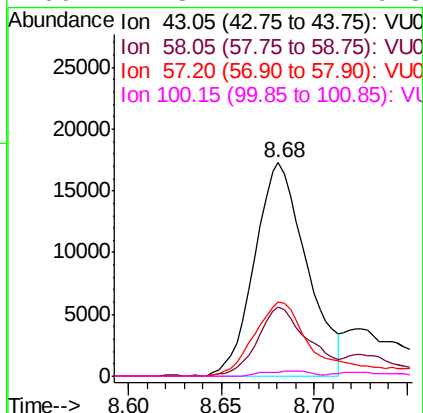
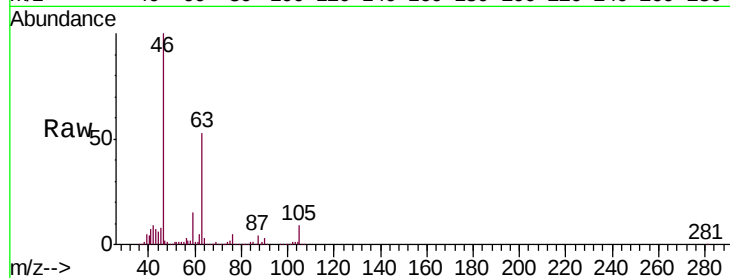




#48
2-Hexanone
Concen: 2.294 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU035852.D
Acq: 26 Nov 2019 12:50

Instrument :
MSVOA_U
ClientSampleId :
GARE6DL

Tgt Ion: 43 Resp: 33601
Ion Ratio Lower Upper
43 100
58 32.0 39.8 59.8#
57 38.6 14.0 21.0#
100 2.3 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.645 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035852.D
Acq: 26 Nov 2019 12:50

Tgt Ion: 75 Resp: 13582
Ion Ratio Lower Upper
75 100
77 38.5 25.4 38.2#

