

Data File : VU035853.D
Acq On : 26 Nov 2019 13:14
Operator : JC/SP
Sample : K5992-02DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE5DL

Quant Time: Nov 27 01:22:25 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	228384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	164314	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.93	69	145695	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.59	63	194162	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.70	46	381052	55.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.38%
24) Chloroform-d	5.11	84	256876	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.75	65	141364	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	488559	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	170651	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	398484	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.22	79	59819	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.68	63	282111	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	135662	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	117520	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

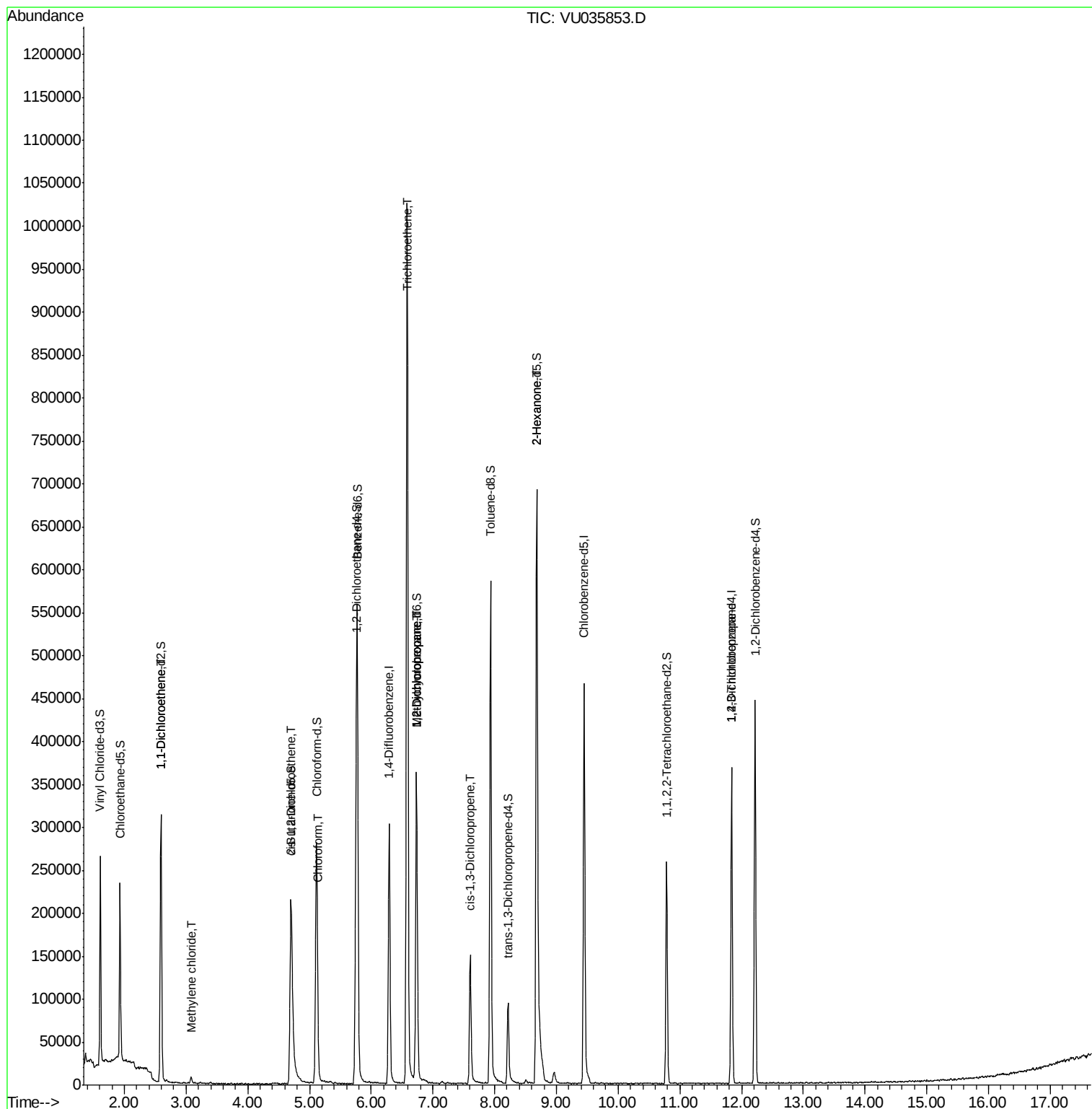
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1971	0.083 ug/L #	1
16) Methylene chloride	3.08	84	3696	0.129 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	4390	0.168 ug/L	73
25) Chloroform	5.14	83	15758	0.308 ug/L	91
34) Trichloroethene	6.58	95	364346	13.507 ug/L	98
35) Methylcyclohexane	6.73	83	38793	0.980 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	17963	0.576 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	4043	0.100 ug/L #	76
48) 2-Hexanone	8.68	43	36200	2.567 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	12491	0.616 ug/L #	83

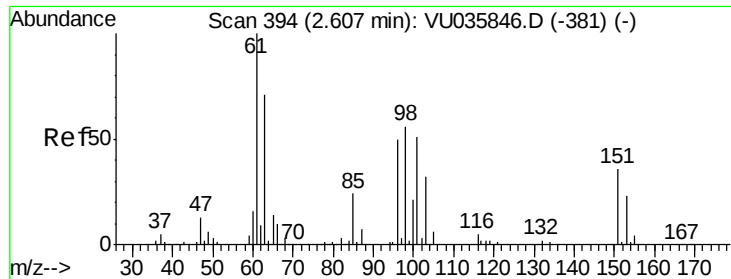
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035853.D
Acq On : 26 Nov 2019 13:14
Operator : JC/SP
Sample : K5992-02DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE5DL

Quant Time: Nov 27 01:22:25 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

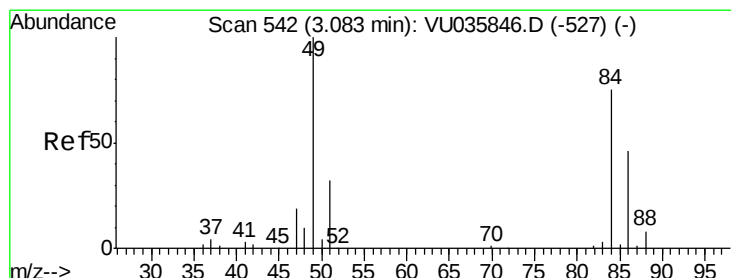
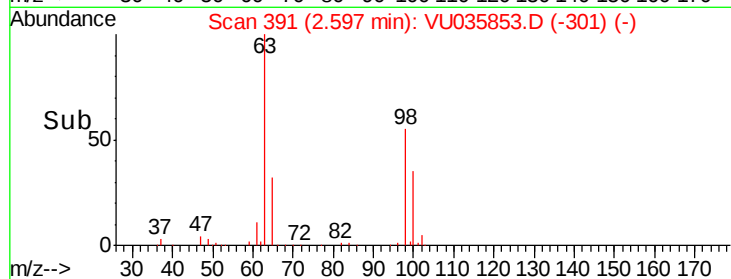
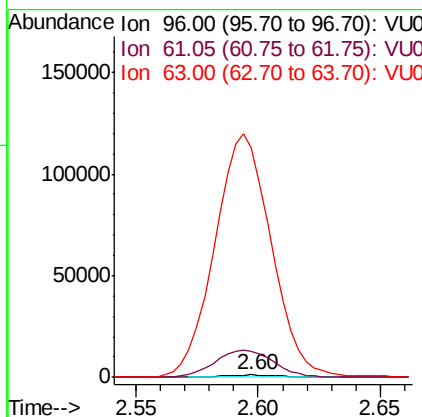
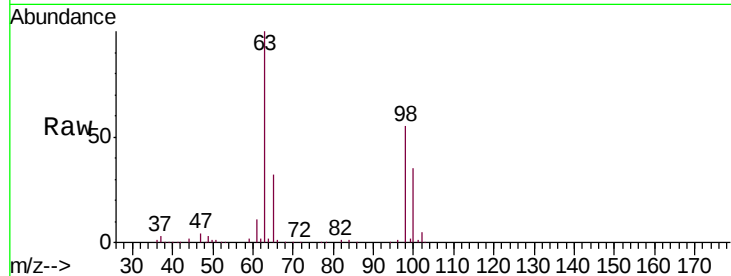




#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

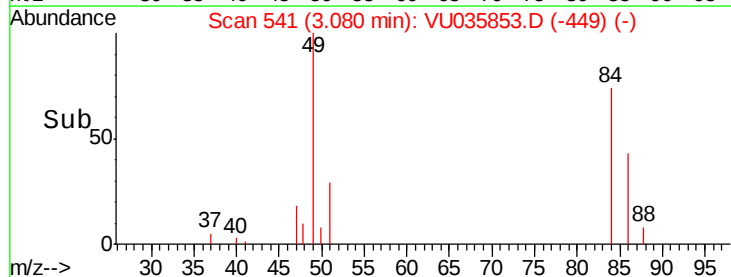
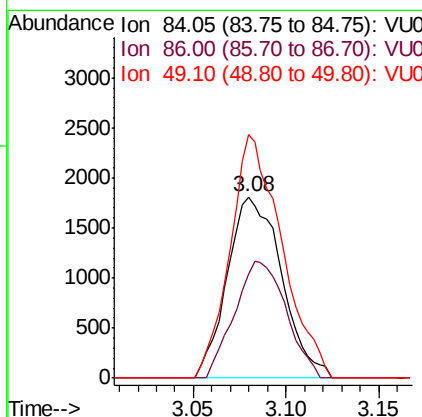
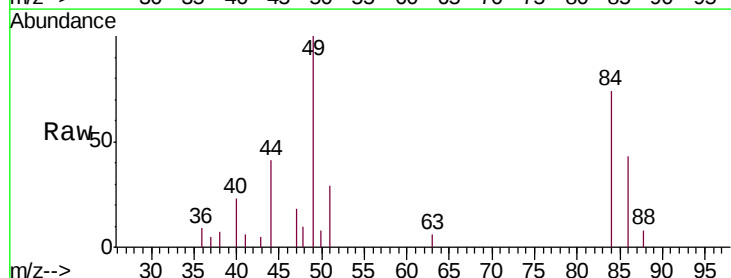
Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5DL

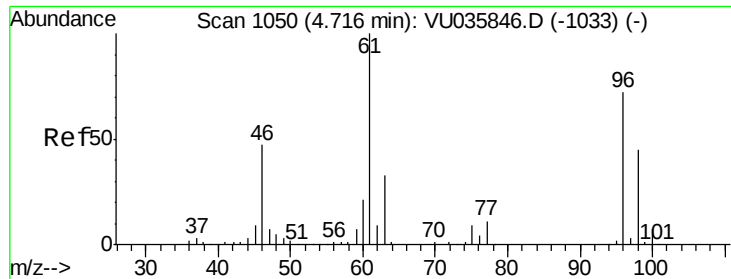
Tgt Ion: 96 Resp: 1971
 Ion Ratio Lower Upper
 96 100
 61 1093.5 139.3 258.7#
 63 9615.6 93.7 174.1#



#16
 Methylene chloride
 Concen: 0.129 ug/L
 RT: 3.08 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

Tgt Ion: 84 Resp: 3696
 Ion Ratio Lower Upper
 84 100
 86 57.7 44.4 82.5
 49 134.4 94.0 174.6

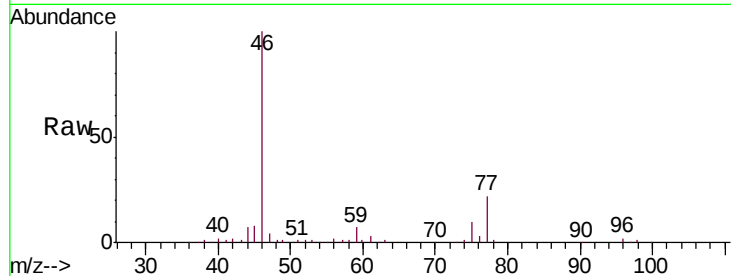




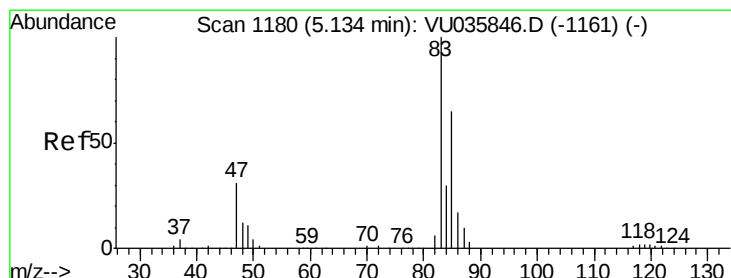
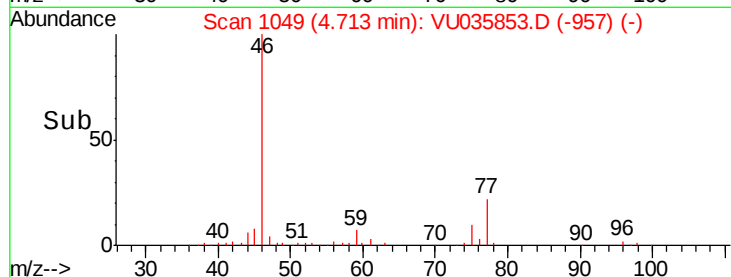
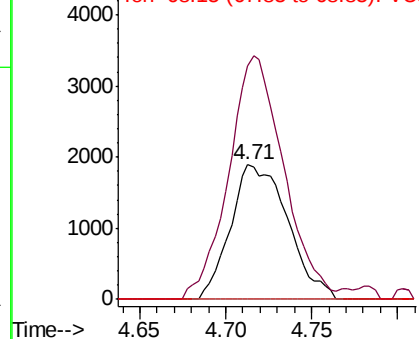
#22
 cis-1,2-Dichloroethene
 Concen: 0.168 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5DL

Tgt Ion: 96 Resp: 4390
 Ion Ratio Lower Upper
 96 100
 61 173.0 98.1 182.1
 68 0.0 0.0 0.0

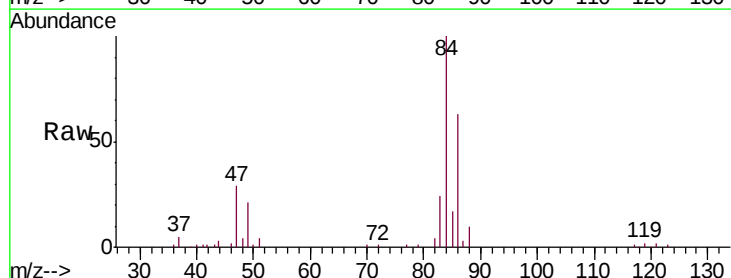


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

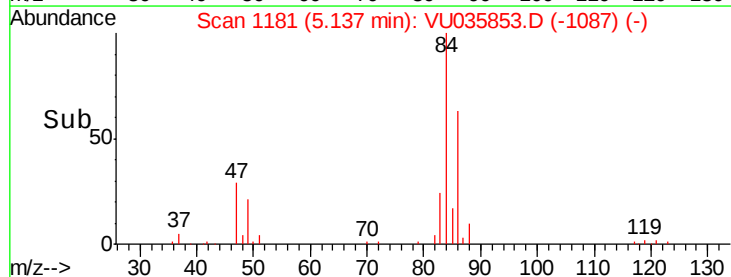
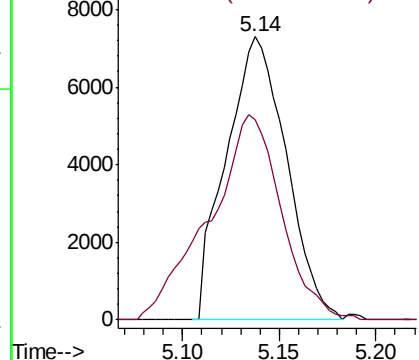


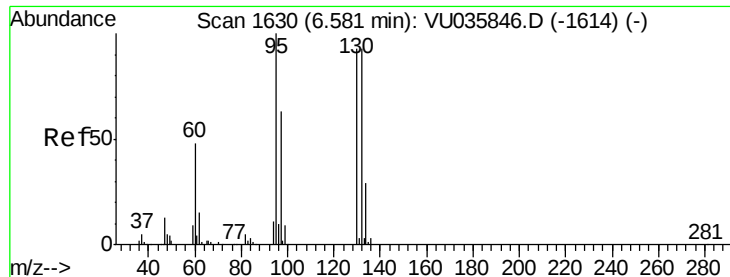
#25
 Chloroform
 Concen: 0.308 ug/L
 RT: 5.14 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

Tgt Ion: 83 Resp: 15758
 Ion Ratio Lower Upper
 83 100
 85 70.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 13.507 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035853.D

Acq: 26 Nov 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

GARE5DL

Tgt Ion: 95 Resp: 364346

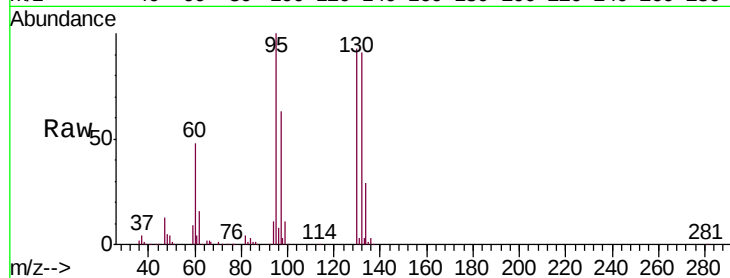
Ion Ratio Lower Upper

95 100

97 63.2 45.1 83.9

132 90.9 61.9 114.9

130 93.2 66.3 123.1

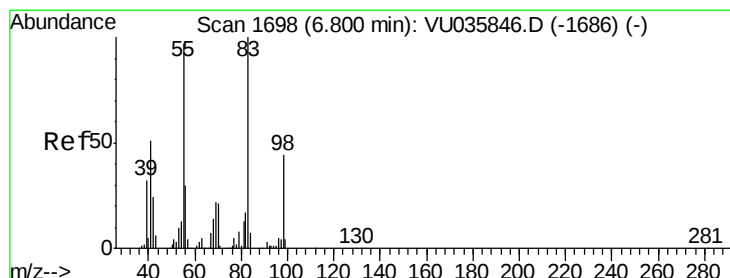
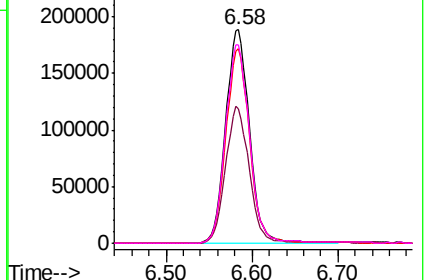
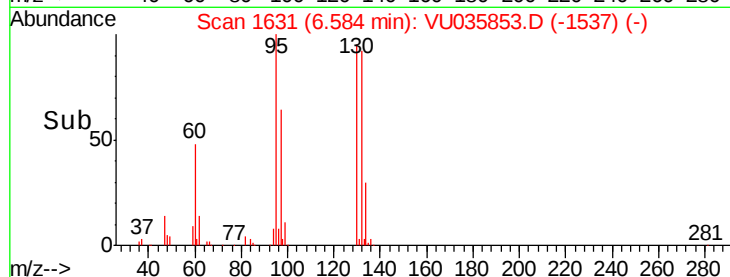


Abundance Ion 95.00 (94.70 to 95.70): VU035853.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035853.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035853.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035853.D (-1537) (-)



#35

Methylcyclohexane

Concen: 0.980 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035853.D

Acq: 26 Nov 2019 13:14

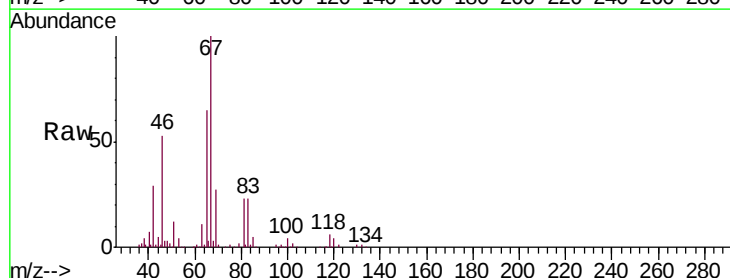
Tgt Ion: 83 Resp: 38793

Ion Ratio Lower Upper

83 100

55 0.2 72.7 109.1#

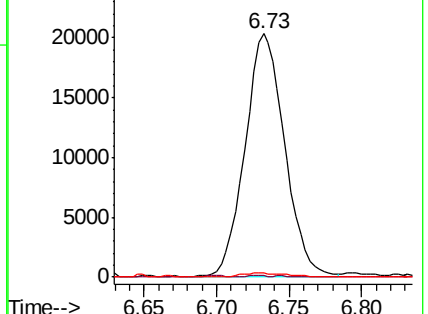
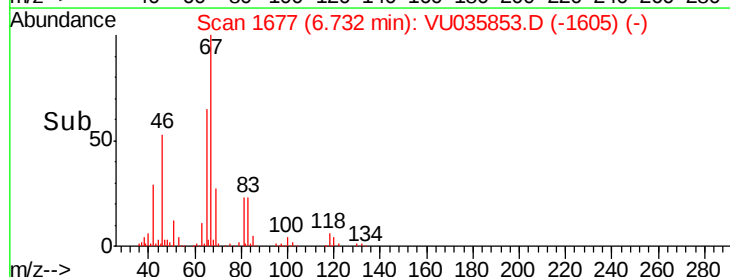
98 1.8 36.2 54.4#

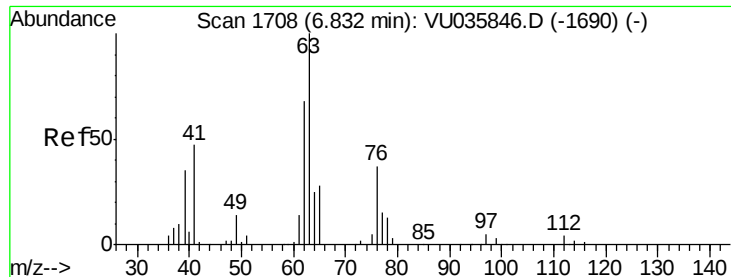


Abundance Ion 83.15 (82.85 to 83.85): VU035853.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035853.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035853.D (-1605) (-)

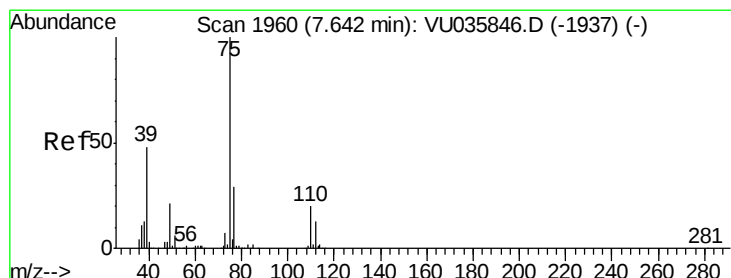
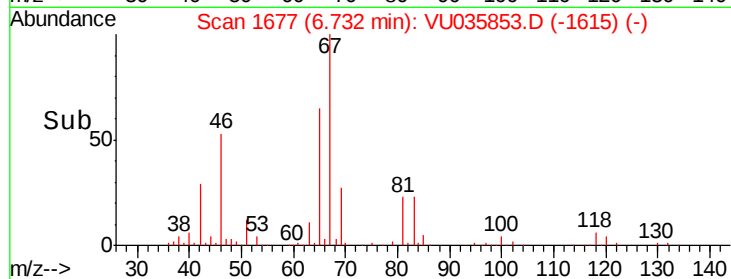
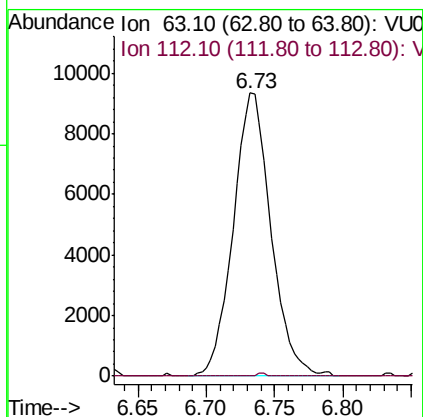
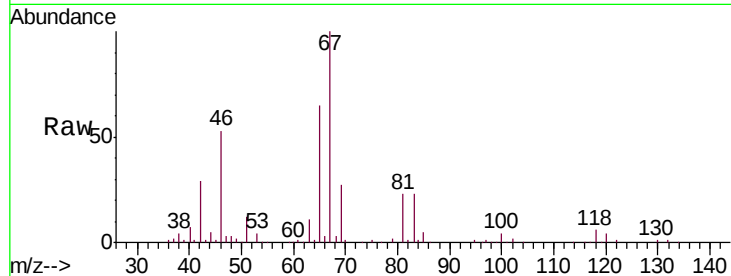




#37
 1,2-Dichloropropane
 Concen: 0.576 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

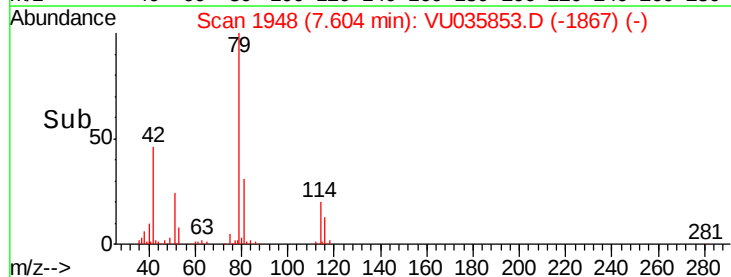
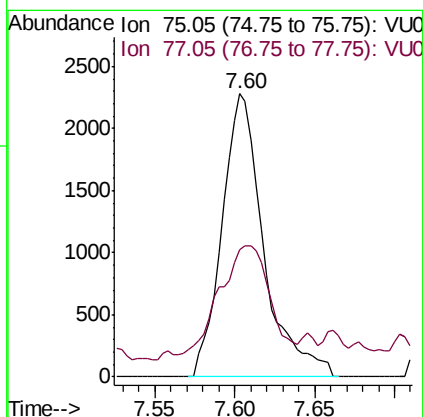
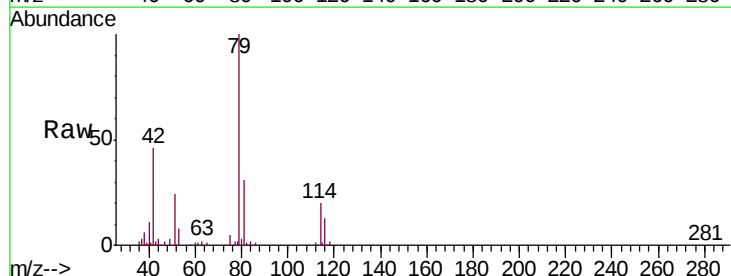
Instrument :
 MSVOA_U
 ClientSampleID :
 GARE5DL

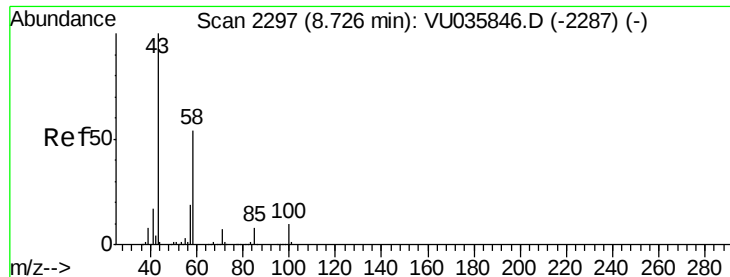
Tgt Ion: 63 Resp: 17963
 Ion Ratio Lower Upper
 63 100
 112 0.2 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

Tgt Ion: 75 Resp: 4043
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.1 41.1#

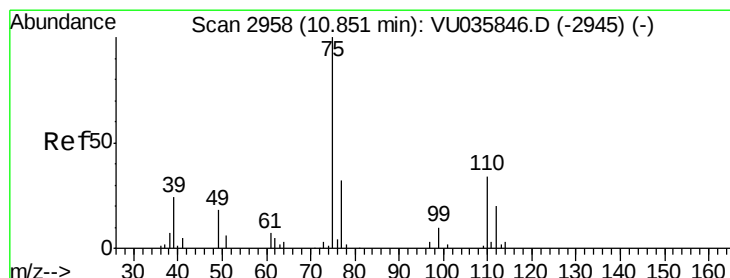
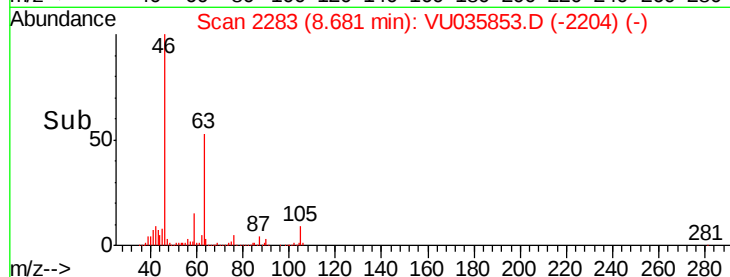
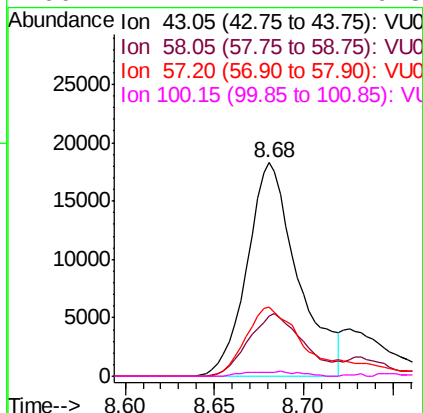
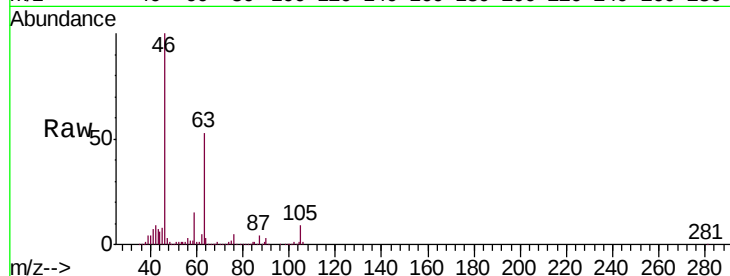




#48
 2-Hexanone
 Concen: 2.567 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.04 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

Instrument :
 MSVOA_U
 ClientSampled :
 GARE5DL

Tgt Ion: 43 Resp: 36200
 Ion Ratio Lower Upper
 43 100
 58 31.4 39.8 59.8#
 57 40.9 14.0 21.0#
 100 1.2 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.616 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035853.D
 Acq: 26 Nov 2019 13:14

Tgt Ion: 75 Resp: 12491
 Ion Ratio Lower Upper
 75 100
 77 41.2 25.4 38.2#

