

Data File : VU035863.D
Acq On : 26 Nov 2019 17:41
Operator : JC/SP
Sample : K5992-10DL2 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF1DL2

Quant Time: Nov 27 03:19:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261482	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154830	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.93	69	141542	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.59	63	193541	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.70	46	371970	54.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.30%
24) Chloroform-d	5.11	84	244134	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.75	65	138888	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	474653	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	169066	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	377924	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.22	79	57233	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.68	63	265361	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	130127	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	114625	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

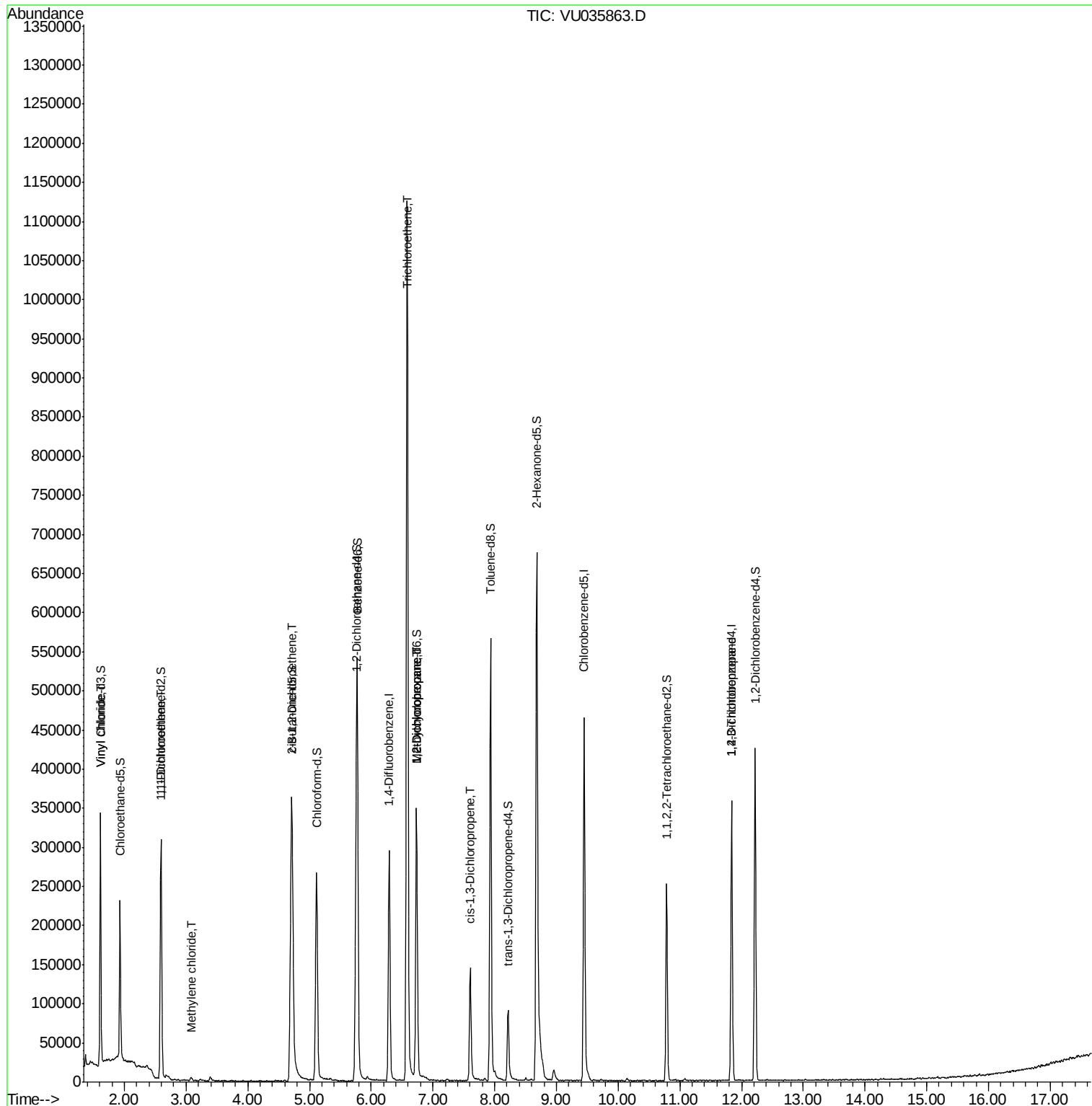
					Qvalue
5) Vinyl chloride	1.62	62	76894	2.046 ug/L	96
12) 1,1-Dichloroethene	2.61	96	9591	0.409 ug/L #	1
16) Methylene chloride	3.08	84	2049	0.072 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	103566	4.029 ug/L	93
34) Trichloroethene	6.58	95	400563	14.968 ug/L	99
35) Methylcyclohexane	6.73	83	37539	0.956 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	17976	0.581 ug/L #	91
39) cis-1,3-Dichloropropene	7.61	75	3821	0.095 ug/L #	77
59) 1,2,3-Trichloropropane	11.84	75	13546	0.673 ug/L	89

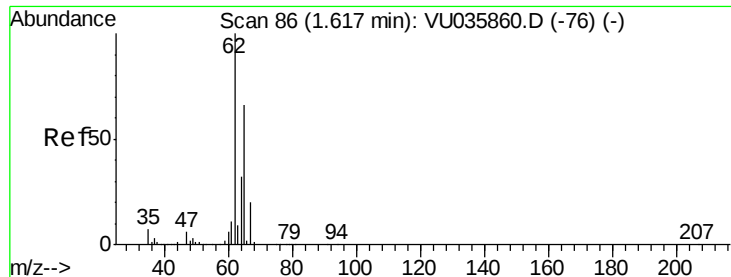
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.046 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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Acq: 26 Nov 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

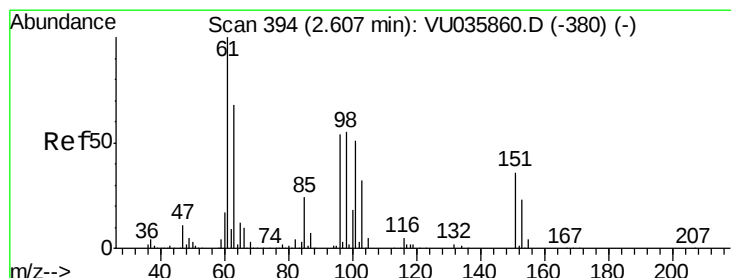
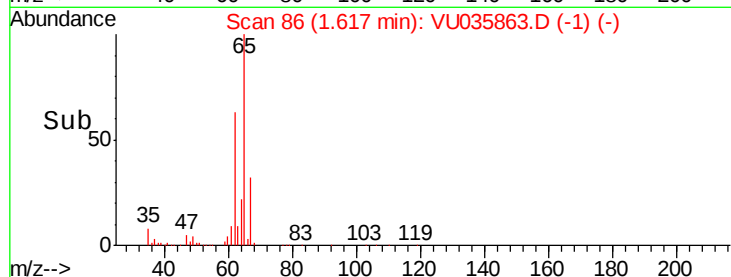
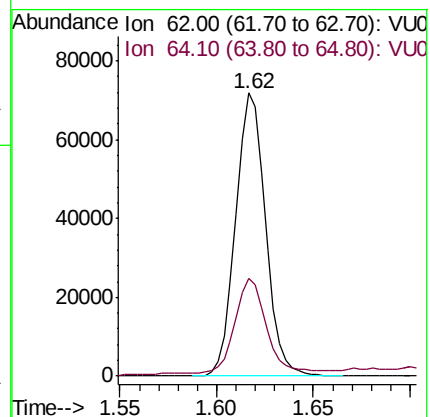
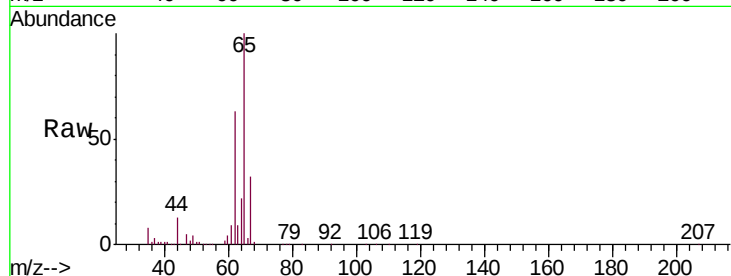
GARF1DL2

Tgt Ion: 62 Resp: 76894

Ion Ratio Lower Upper

62 100

64 34.5 22.5 41.9



#12

1,1-Dichloroethene

Concen: 0.409 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035863.D

Acq: 26 Nov 2019 17:41

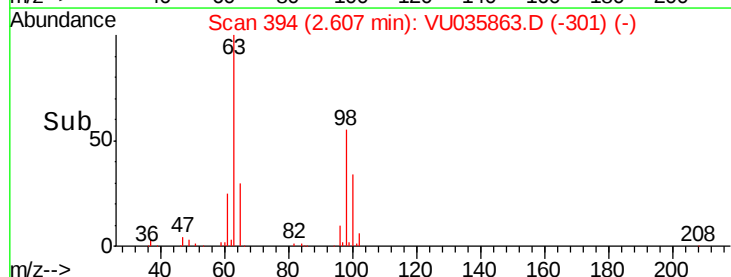
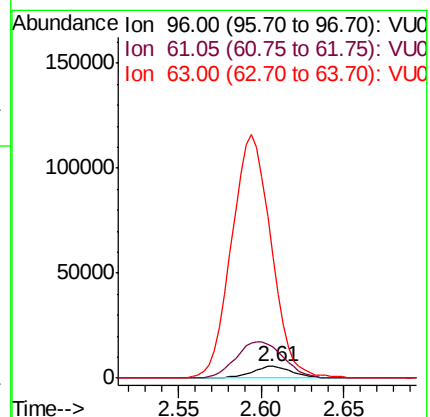
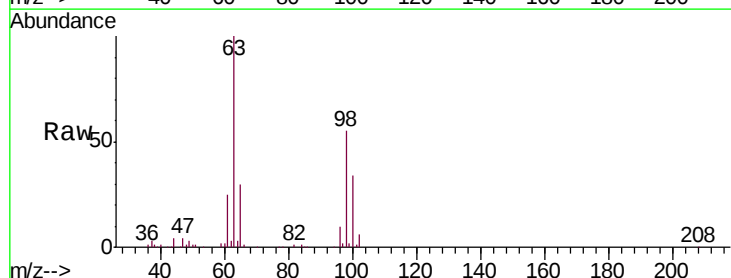
Tgt Ion: 96 Resp: 9591

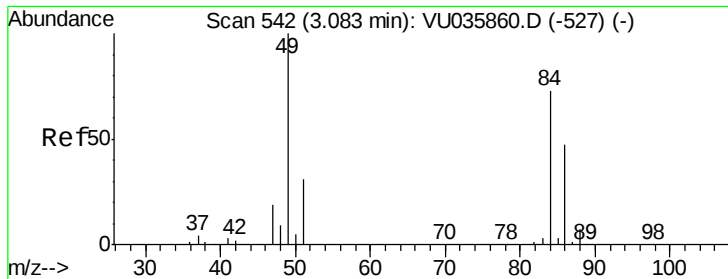
Ion Ratio Lower Upper

96 100

61 261.8 139.3 258.7#

63 1031.4 93.7 174.1#

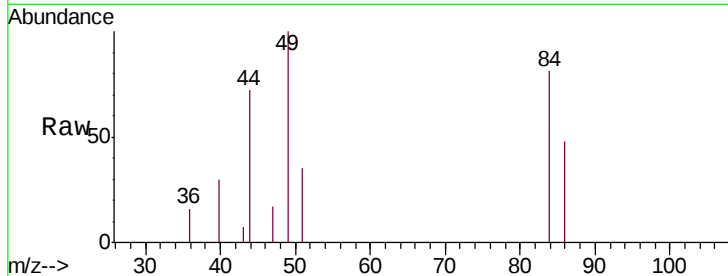




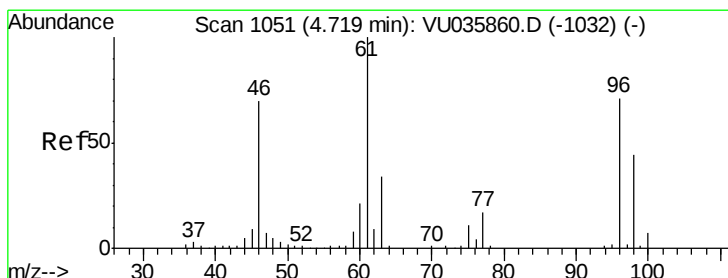
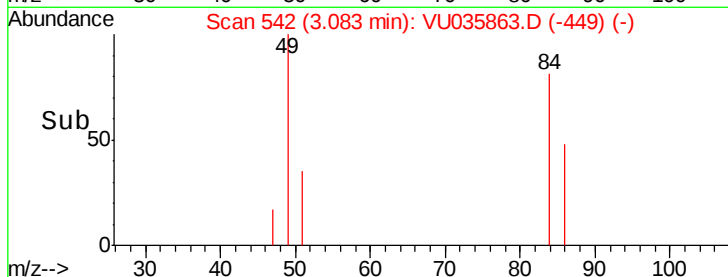
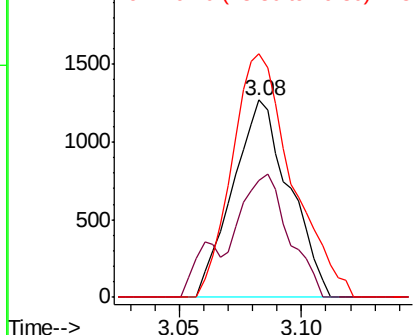
#16
Methylene chloride
Concen: 0.072 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035863.D
Acq: 26 Nov 2019 17:41

Instrument :
MSVOA_U
ClientSampleId :
GARF1DL2

Tgt Ion: 84 Resp: 2049
Ion Ratio Lower Upper
84 100
86 59.2 44.4 82.5
49 123.4 94.0 174.6

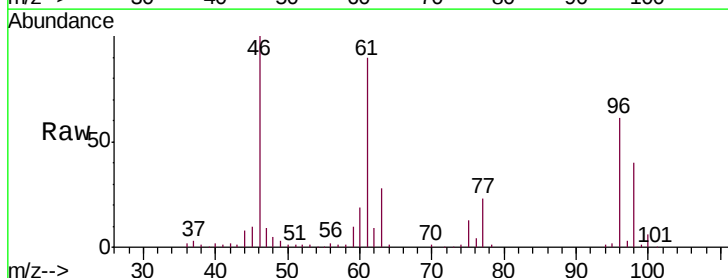


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

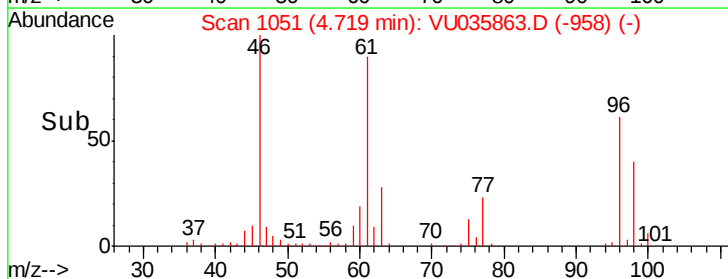
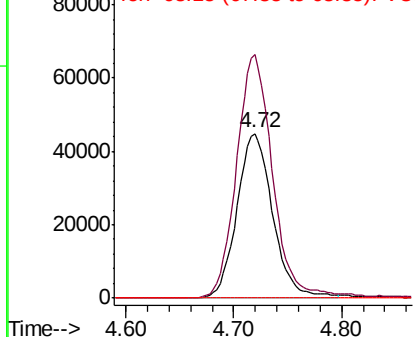


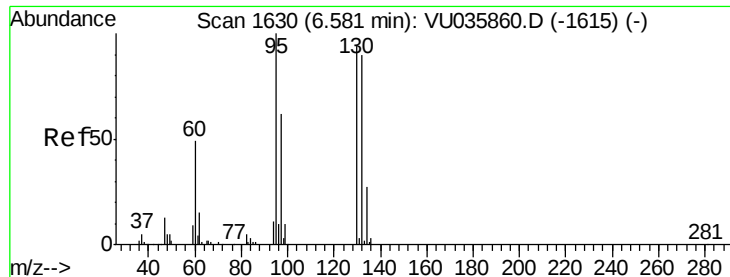
#22
cis-1,2-Dichloroethene
Concen: 4.029 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035863.D
Acq: 26 Nov 2019 17:41

Tgt Ion: 96 Resp: 103566
Ion Ratio Lower Upper
96 100
61 148.1 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: 14.968 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035863.D

Acq: 26 Nov 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

GARF1DL2

Tgt Ion: 95 Resp: 400563

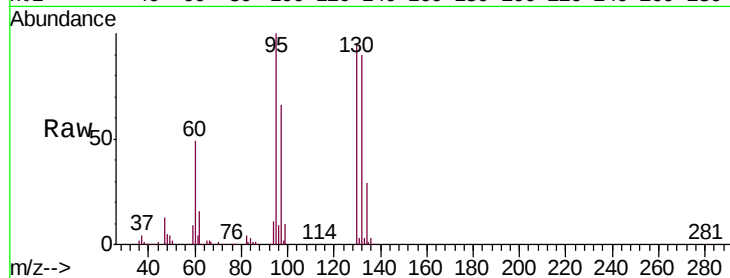
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.9

132 89.8 61.9 114.9

130 94.7 66.3 123.1

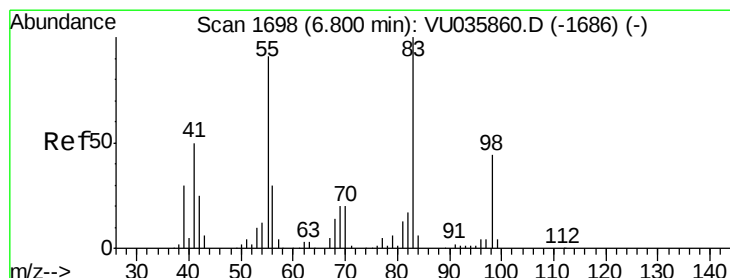
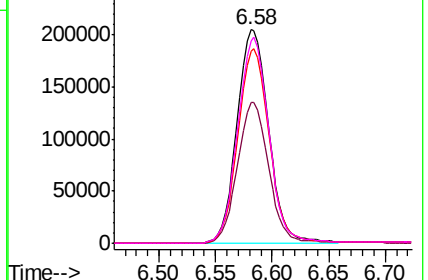
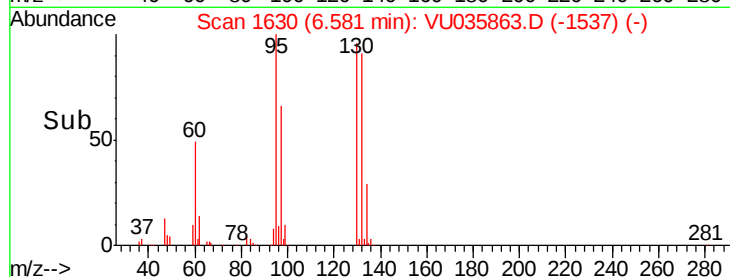


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.956 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035863.D

Acq: 26 Nov 2019 17:41

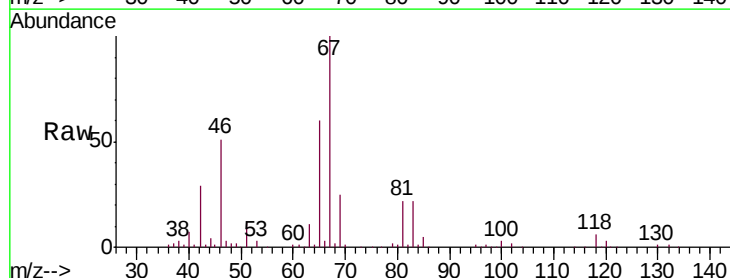
Tgt Ion: 83 Resp: 37539

Ion Ratio Lower Upper

83 100

55 0.9 72.7 109.1#

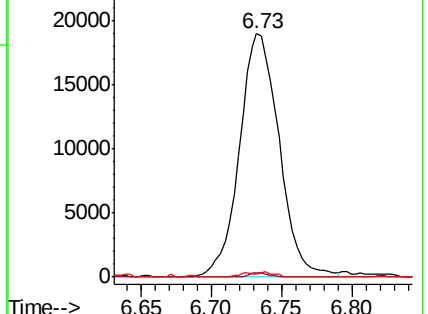
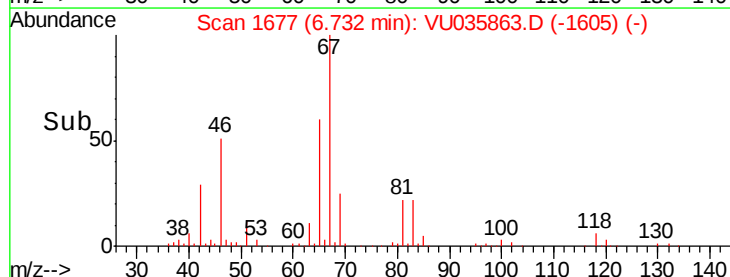
98 0.0 36.2 54.4#

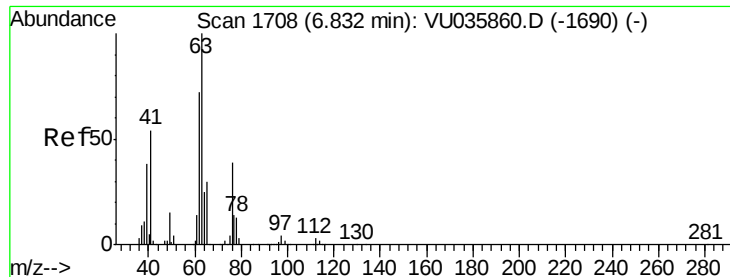


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

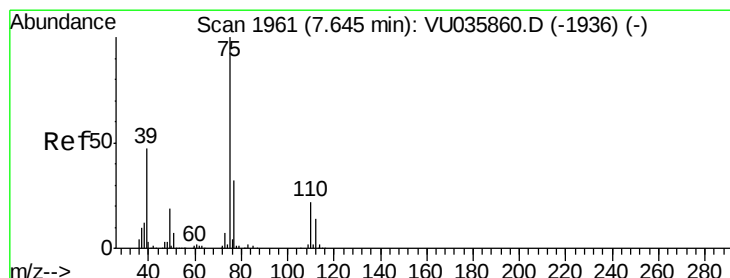
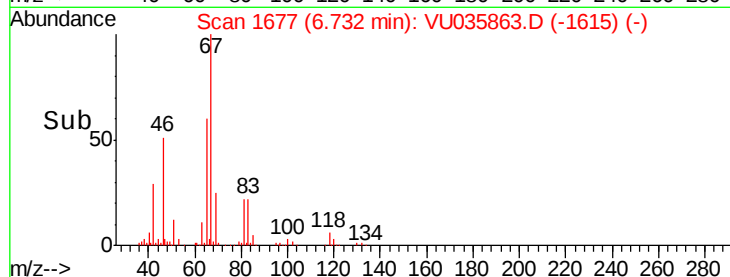
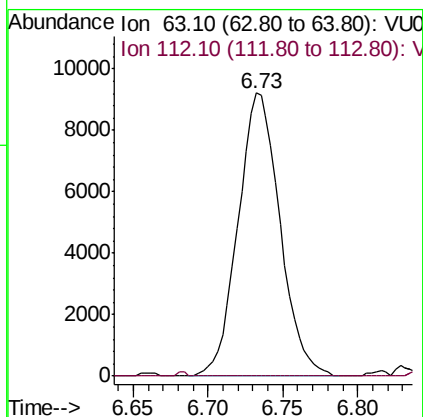
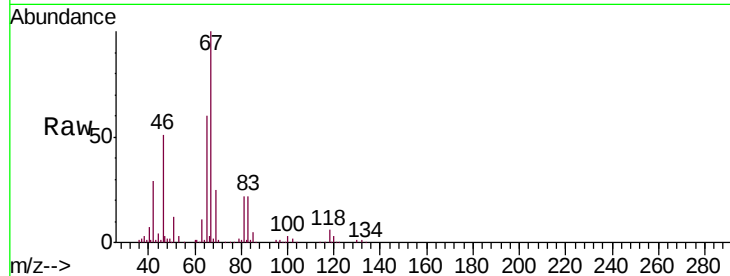




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035863.D
 Acq: 26 Nov 2019 17:41

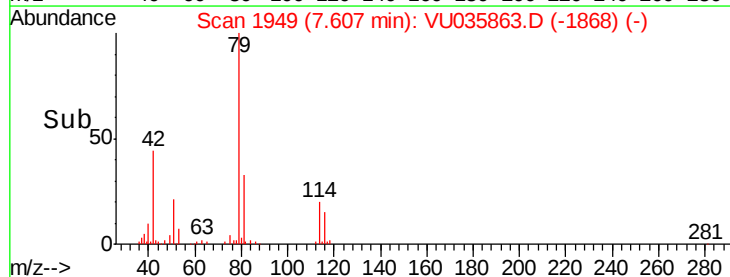
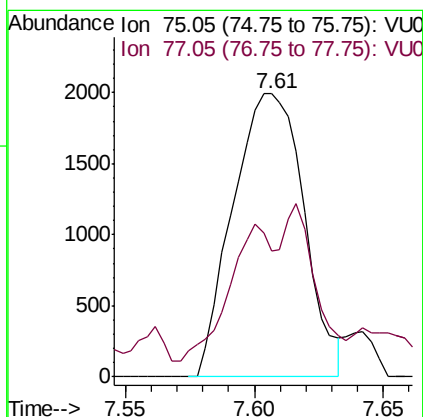
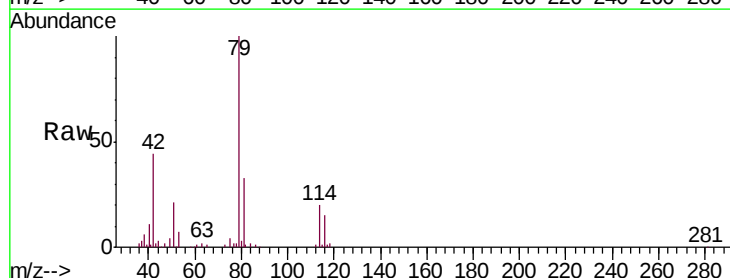
Instrument :
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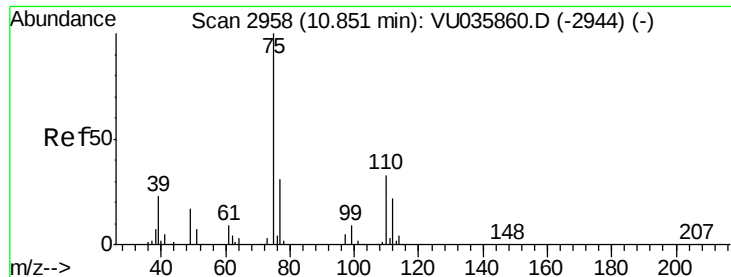
Tgt Ion: 63 Resp: 17976
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035863.D
 Acq: 26 Nov 2019 17:41

Tgt Ion: 75 Resp: 3821
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 0.673 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035863.D

Acq: 26 Nov 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

GARF1DL2

Tgt Ion: 75 Resp: 13546

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.2

