

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038487.D
 Acq On : 02 Jun 2020 11:30
 Operator : JC/MD
 Sample : L2789-14DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:50:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	316884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73212	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.93	69	62555	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	119223	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.68	46	389070	62.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.46%
24) Chloroform-d	5.10	84	188291	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.74	65	116864	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.76	84	372541	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	122466	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.92	98	308950	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.20	79	48227	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.67	63	340087	65.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.66%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116129	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	134255	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

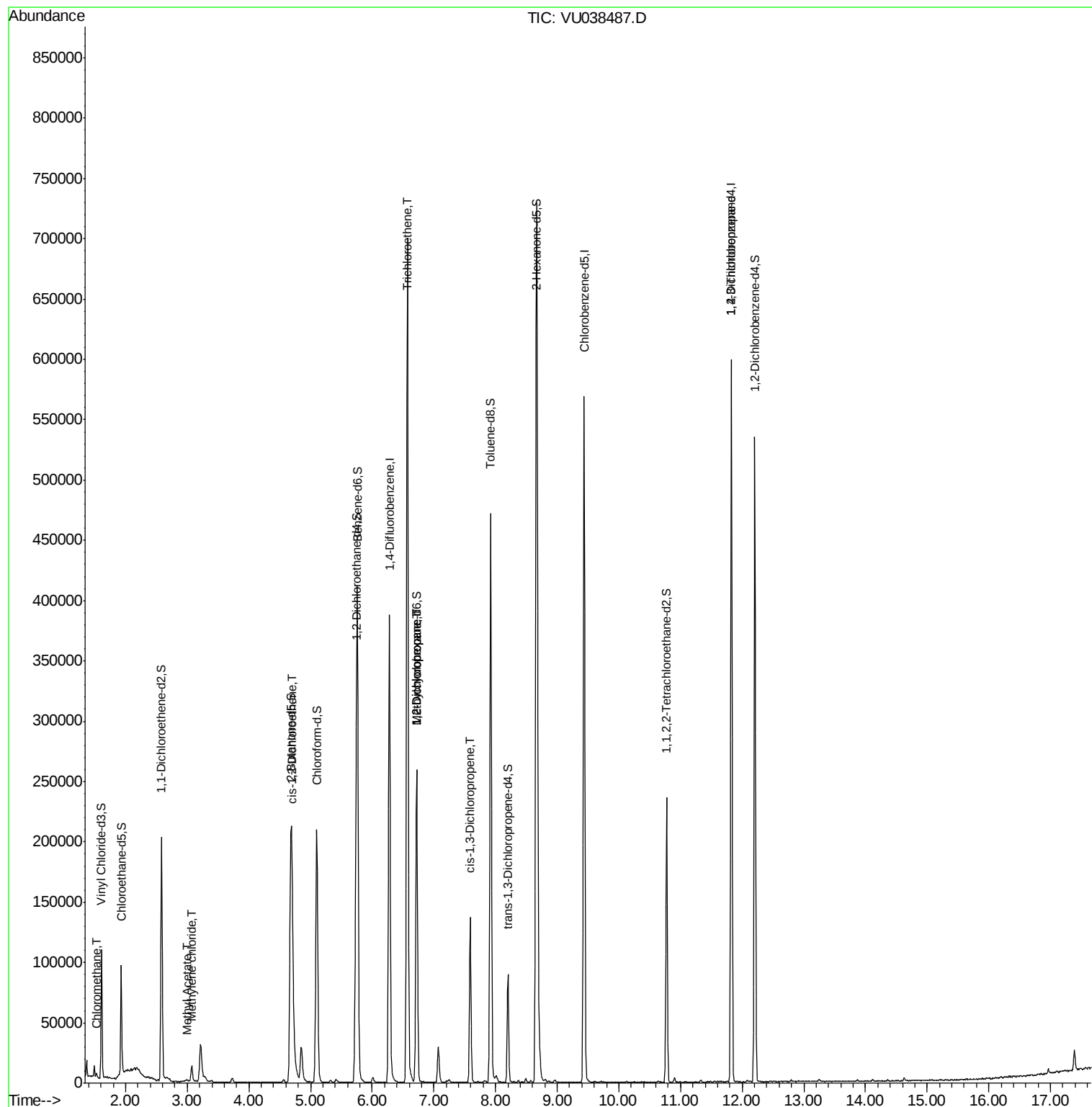
					Ovalue
3) Chloromethane	1.53	50	3226	0.140 ug/L	98
15) Methyl Acetate	2.99	43	1619	0.162 ug/L #	51
16) Methylene chloride	3.07	84	5622	0.254 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	20413	0.898 ug/L	97
34) Trichloroethene	6.57	95	237900	10.373 ug/L	98
35) Methylcyclohexane	6.72	83	28400	0.800 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13308	0.599 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3493	0.106 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	19213	1.158 ug/L	89

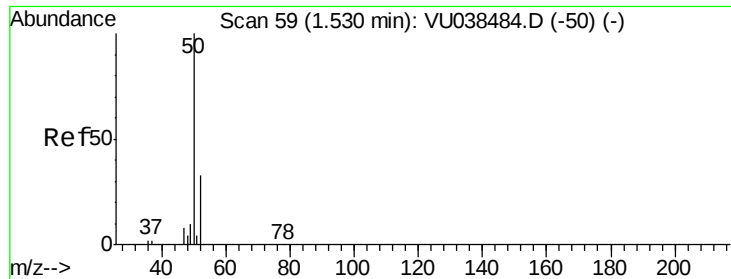
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060220\
Data File : VU038487.D
Acq On : 02 Jun 2020 11:30
Operator : JC/MD
Sample : L2789-14DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 03 00:50:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.140 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038487.D

Acq: 02 Jun 2020 11:30

Instrument :

MSVOA_U

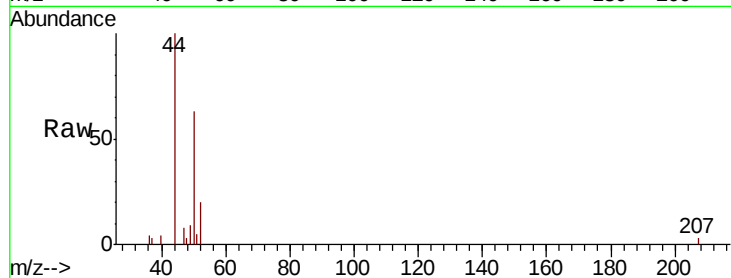
ClientSampleId :

Tot Ion: 50 Resp: 3226

Ion Ratio Lower Upper

50 100

52 31.5 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

2500

2000

1500

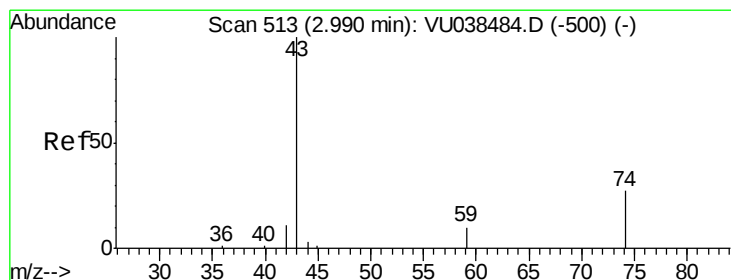
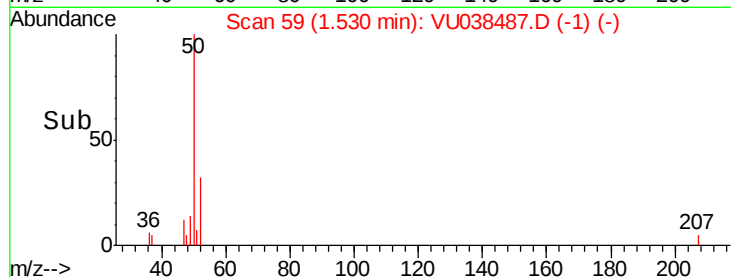
1000

500

0

Time-->

1.50 1.55



#15

Methyl Acetate

Concen: 0.162 ug/L

RT: 2.99 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU038487.D

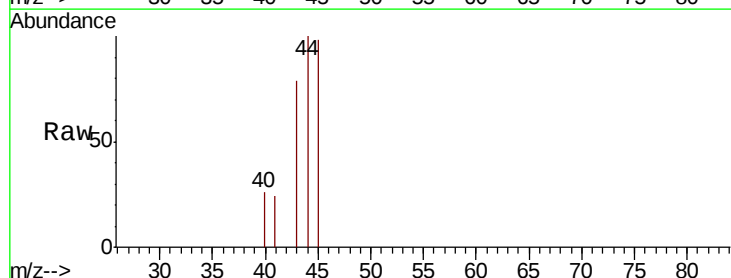
Acq: 02 Jun 2020 11:30

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.99

800

600

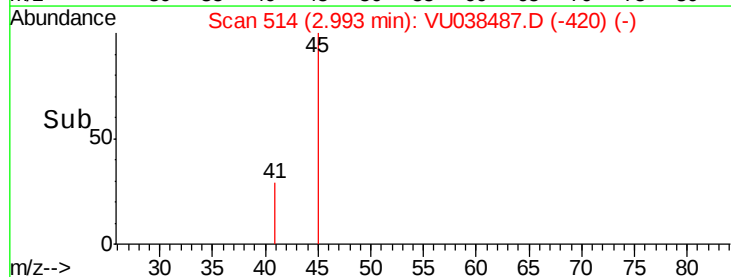
400

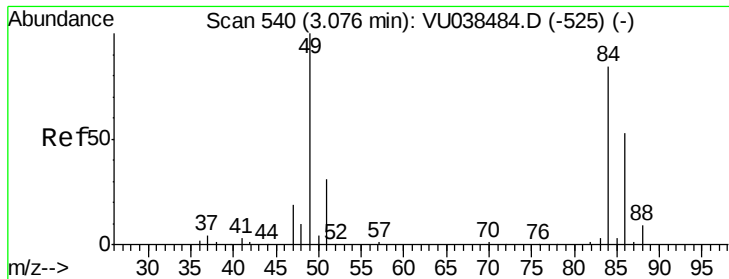
200

0

Time-->

2.95 3.00 3.05

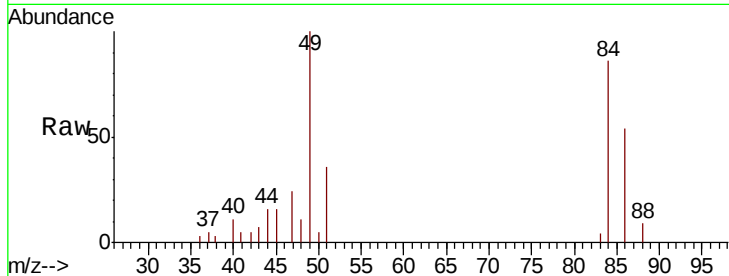




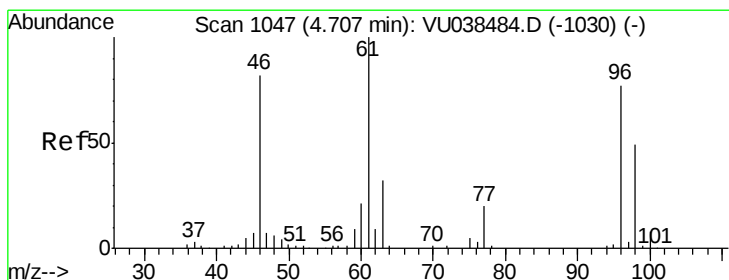
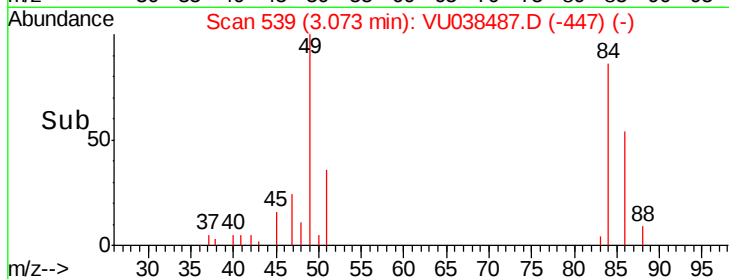
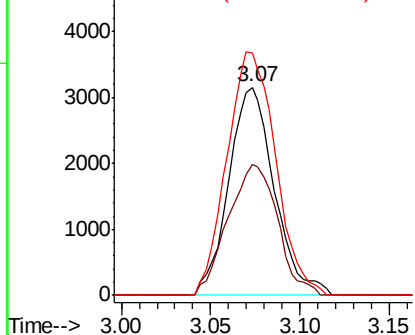
#16
Methylene chloride
Concen: 0.254 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038487.D
Acq: 02 Jun 2020 11:30

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 5622
Ion Ratio Lower Upper
84 100
86 62.9 45.0 83.6
49 116.4 85.5 158.9

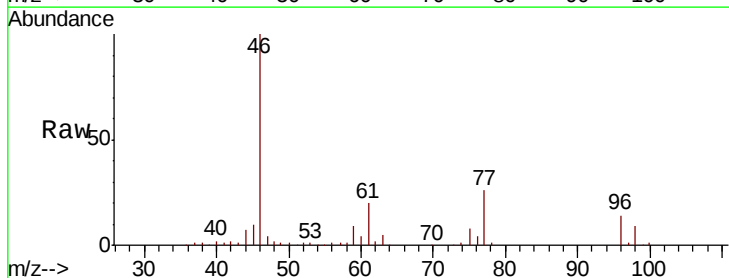


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

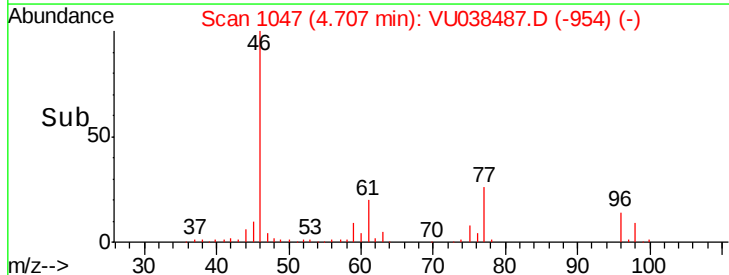
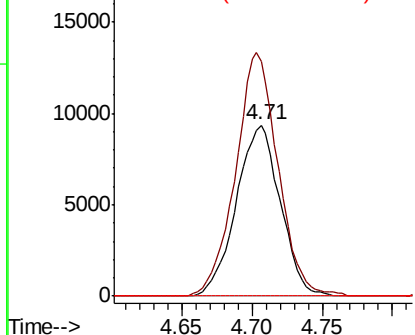


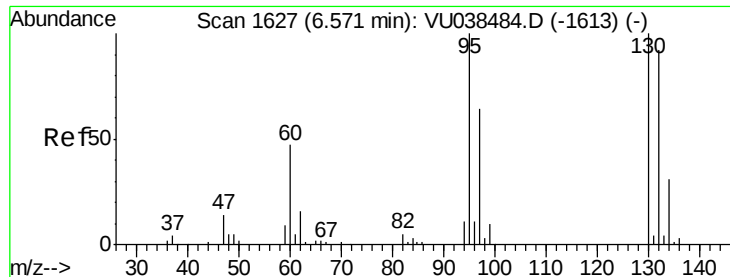
#22
cis-1,2-Dichloroethene
Concen: 0.898 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038487.D
Acq: 02 Jun 2020 11:30

Tgt Ion: 96 Resp: 20413
Ion Ratio Lower Upper
96 100
61 137.4 94.0 174.6
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: 10.373 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038487.D

Acq: 02 Jun 2020 11:30

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 237900

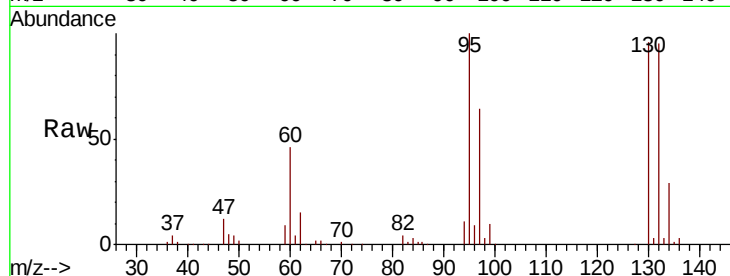
Ion Ratio Lower Upper

95 100

97 64.4 46.8 87.0

132 94.7 66.1 122.7

130 96.4 70.0 130.0

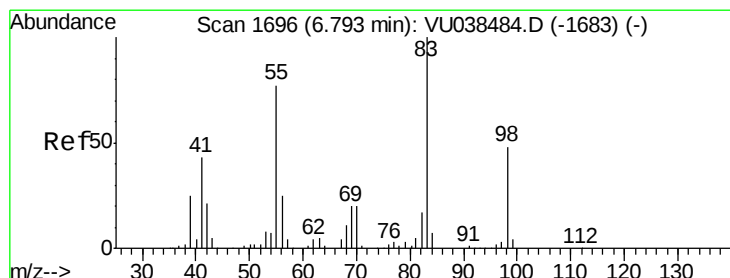
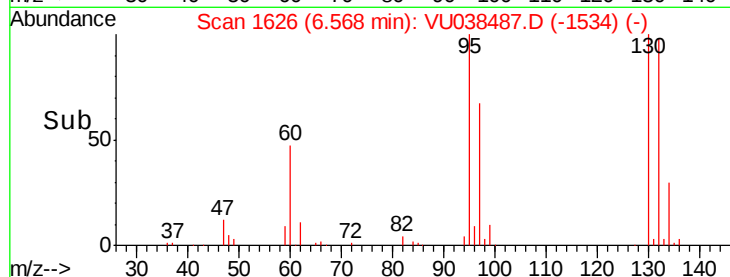
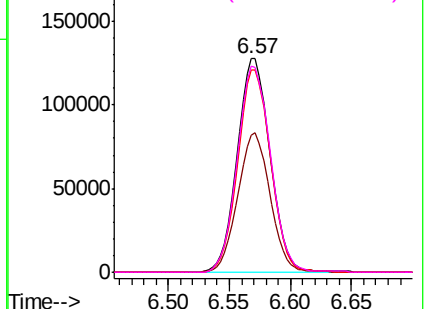


Abundance Ion 95.00 (94.70 to 95.70): VU038487.D (-1613) (-)

Ion 96.95 (96.65 to 97.65): VU038487.D (-1613) (-)

Ion 131.95 (131.65 to 132.65): VU038487.D (-1613) (-)

Ion 129.95 (129.65 to 130.65): VU038487.D (-1613) (-)



#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038487.D

Acq: 02 Jun 2020 11:30

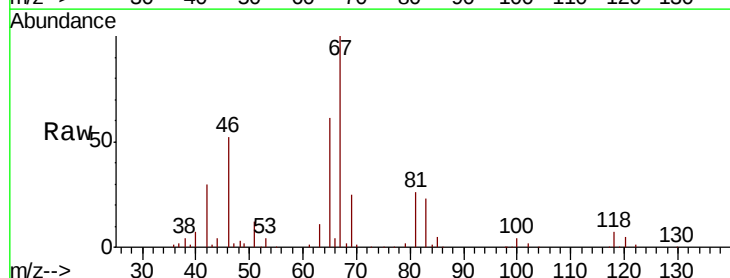
Tgt Ion: 83 Resp: 28400

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

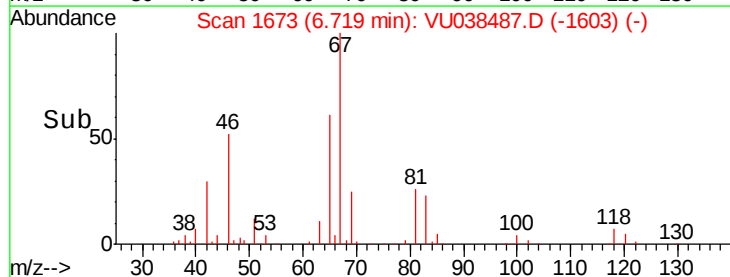
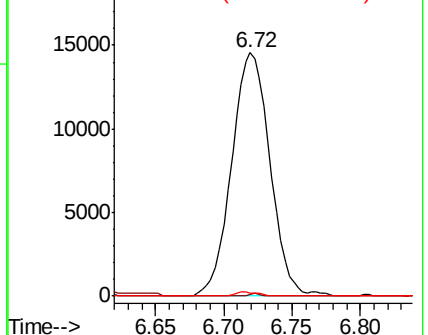
98 1.0 39.0 58.4#

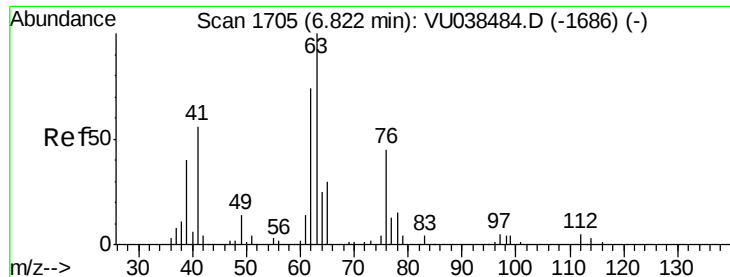


Abundance Ion 83.15 (82.85 to 83.85): VU038487.D (-1673) (-)

Ion 55.10 (54.80 to 55.80): VU038487.D (-1673) (-)

Ion 98.15 (97.85 to 98.85): VU038487.D (-1673) (-)

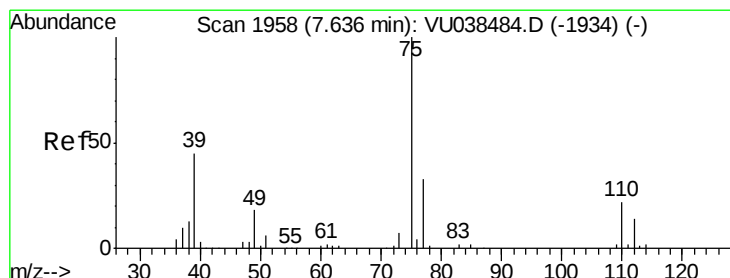
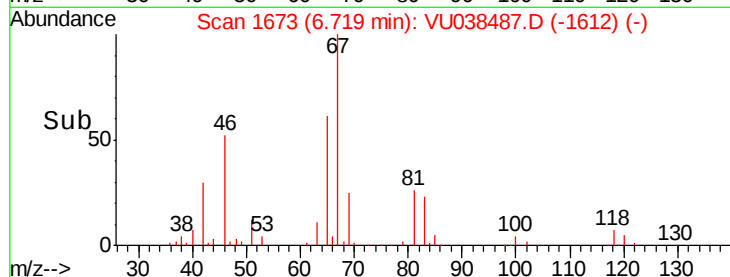
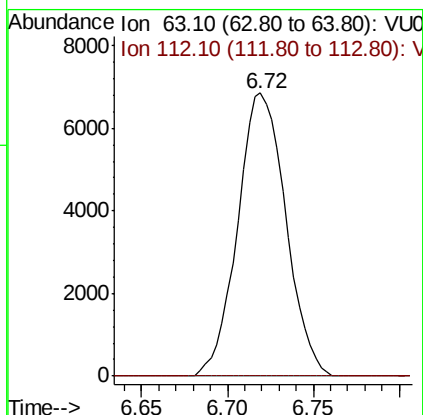
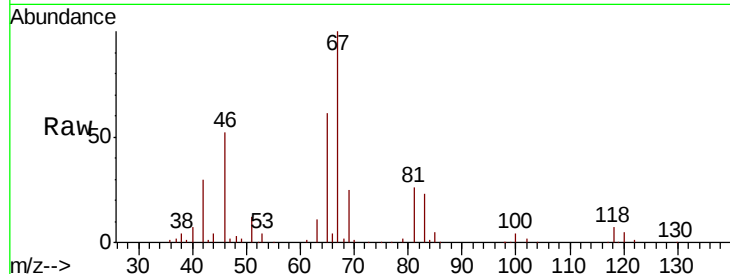




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038487.D
 Acq: 02 Jun 2020 11:30

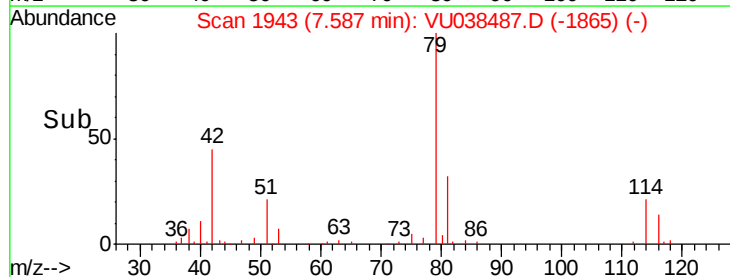
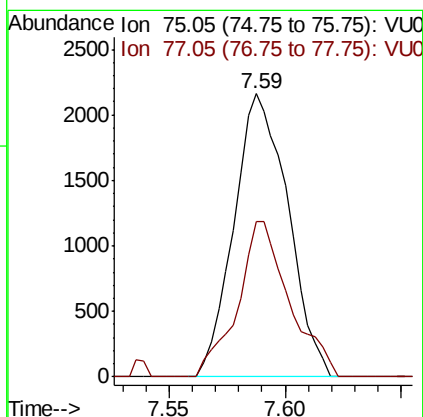
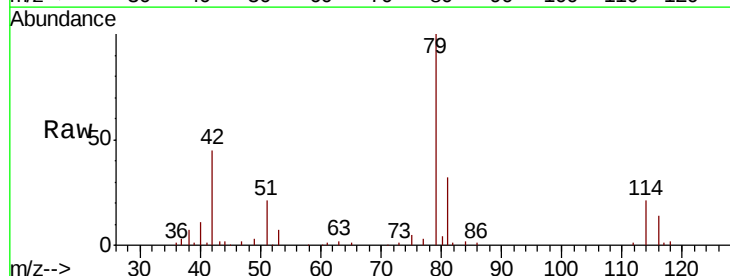
Instrument :
 MSVOA_U
 ClientSampleId :

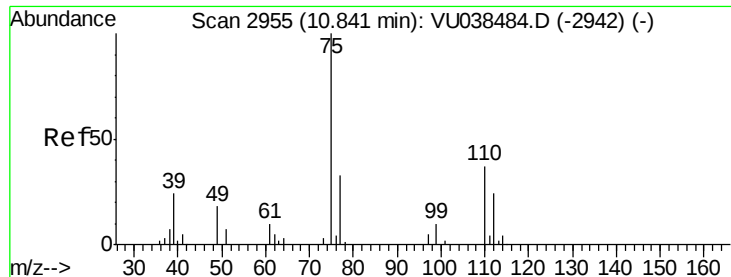
Tot Ion: 63 Resp: 13308
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038487.D
 Acq: 02 Jun 2020 11:30

Tgt Ion: 75 Resp: 3493
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038487.D

Acq: 02 Jun 2020 11:30

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 19213

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2

