

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042020\
 Data File : VU037807.D
 Acq On : 20 Apr 2020 12:30
 Operator : JC/MD
 Sample : L2319-05RE
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 01:12:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 01:10:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	327630	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	320341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66332	2.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.60%
7) Chloroethane-d5	1.93	69	62091	2.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.40%#
11) 1,1-Dichloroethene-d2	2.59	63	87860	1.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.80%#
20) 2-Butanone-d5	4.66	46	261716	38.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.88%
24) Chloroform-d	5.10	84	131836	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.60%#
26) 1,2-Dichloroethane-d4	5.74	65	78510	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
32) Benzene-d6	5.76	84	267824	3.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.80%#
36) 1,2-Dichloropropane-d6	6.72	67	93446	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.40%
41) Toluene-d8	7.92	98	241234	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.40%#
43) trans-1,3-Dichloropropene-	8.20	79	39932	3.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.00%
46) 2-Hexanone-d5	8.66	63	233373	36.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	76943	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	95873	3.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.60%#

Target Compounds

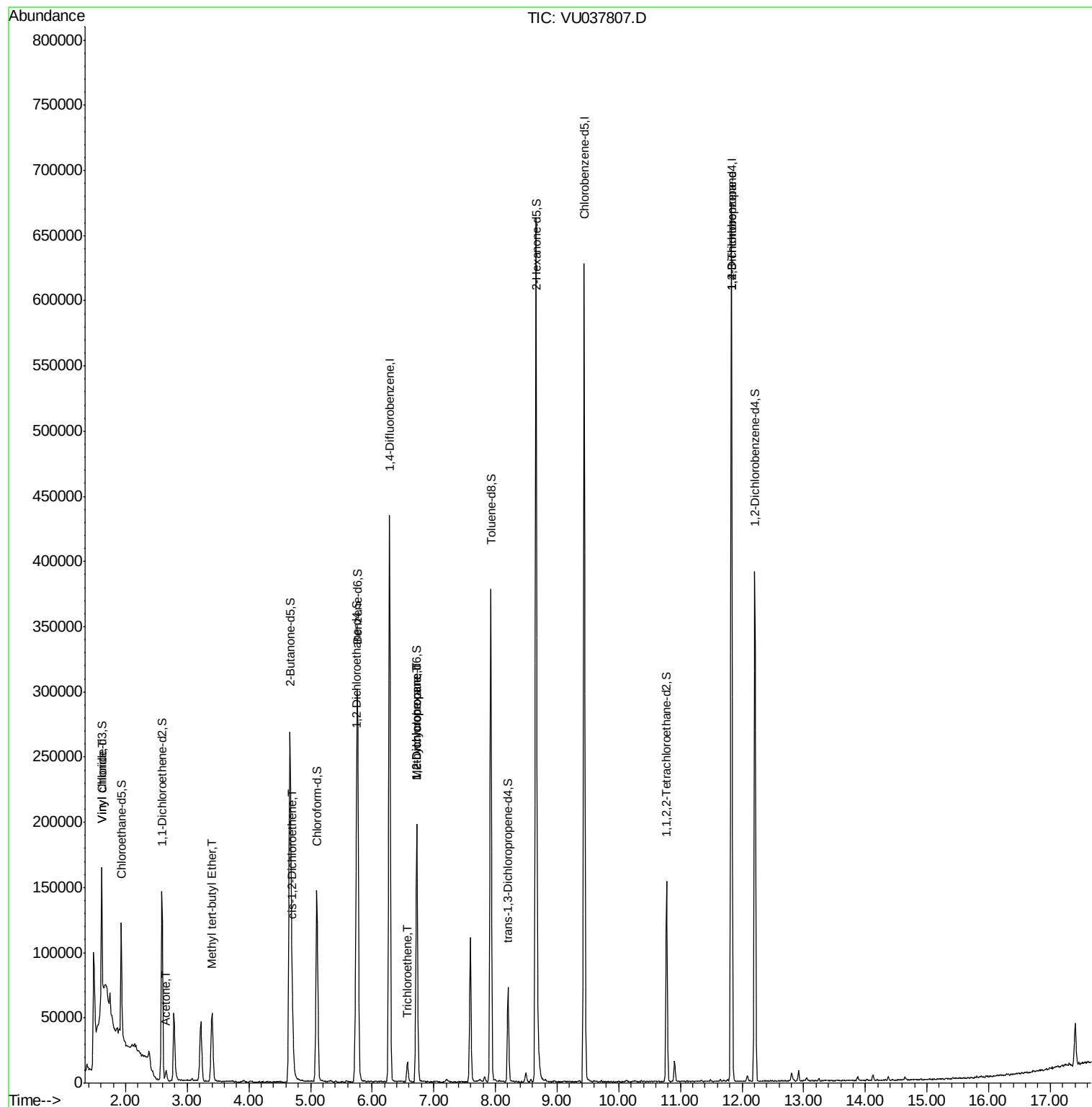
					Ovalue
5) Vinyl chloride	1.62	62	4327	0.125 ug/L #	1
13) Acetone	2.66	43	8644	1.926 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	55684	0.851 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	17712	0.669 ug/L	99
34) Trichloroethene	6.57	95	4543	0.175 ug/L	87
35) Methylcyclohexane	6.73	83	20566	0.451 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10141	0.361 ug/L #	87
59) 1,2,3-Trichloropropane	11.83	75	22986	1.251 ug/L	95

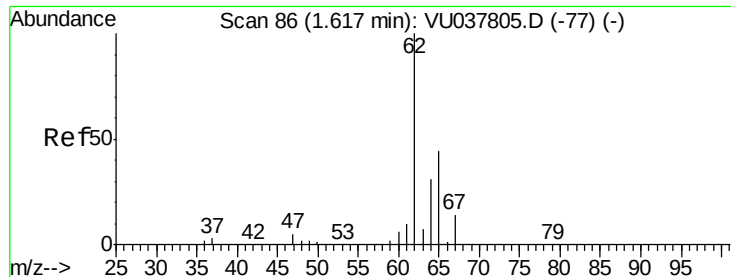
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 01:10:29 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.125 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU037807.D

Acq: 20 Apr 2020 12:30

Instrument :

MSVOA_U

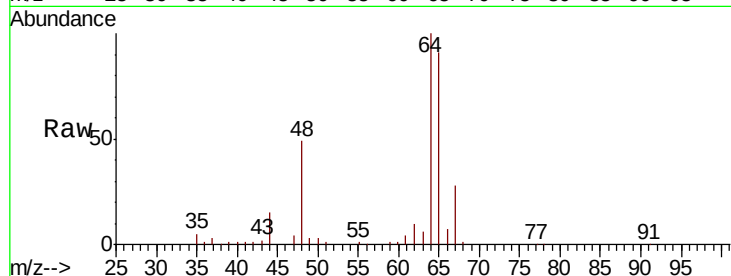
ClientSampleId :

Tot Ion: 62 Resp: 4327

Ion Ratio Lower Upper

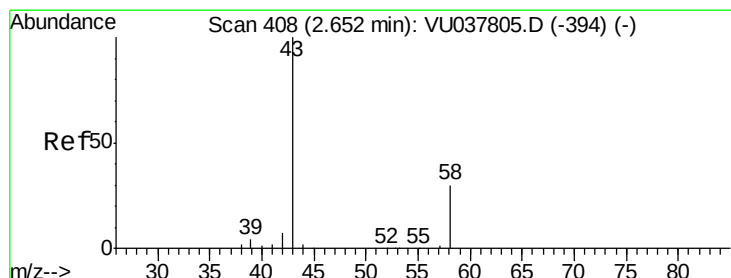
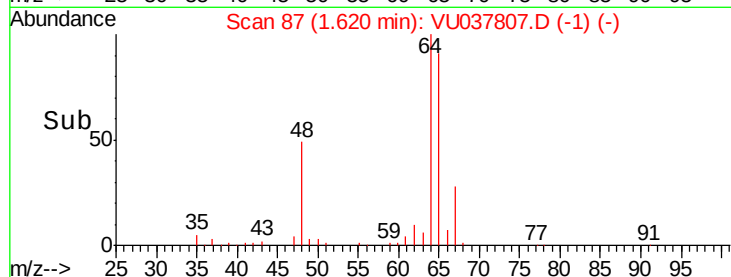
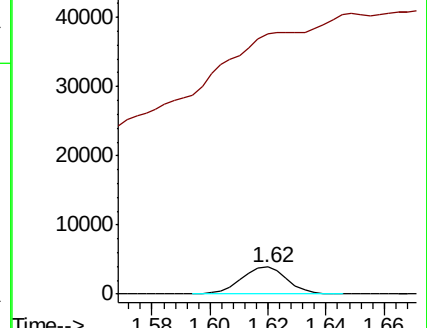
62 100

64 971.7 22.1 41.1#



Abundance Ion 62.00 (61.70 to 62.70): VU037807.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU037807.D (-1) (-)



#13

Acetone

Concen: 1.926 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037807.D

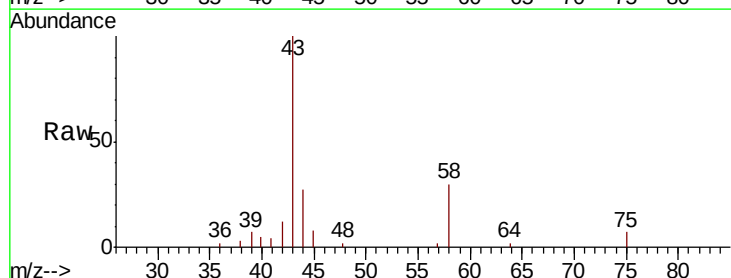
Acq: 20 Apr 2020 12:30

Tgt Ion: 43 Resp: 8644

Ion Ratio Lower Upper

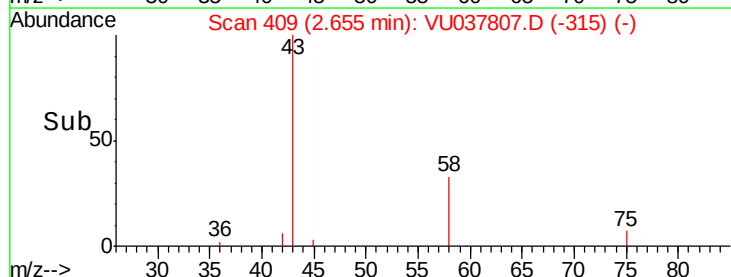
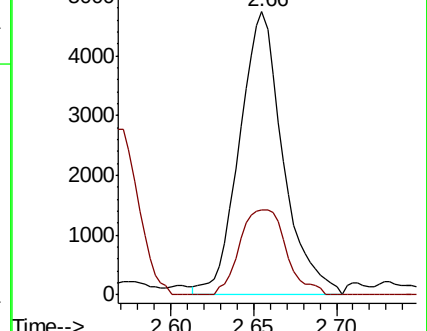
43 100

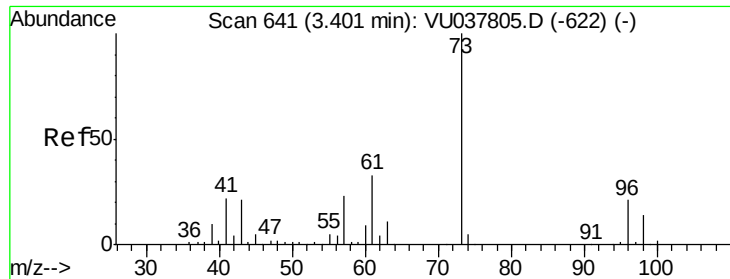
58 32.3 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037807.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037807.D (-315) (-)

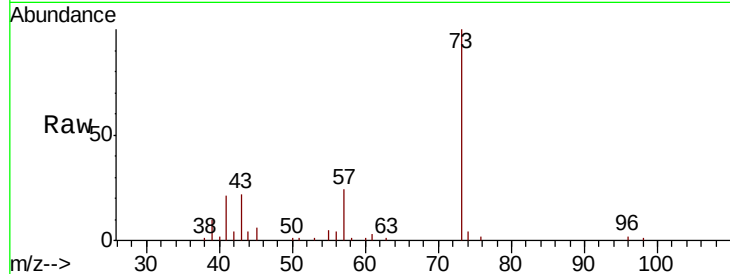




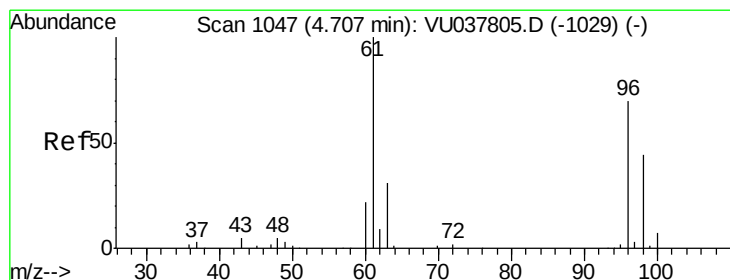
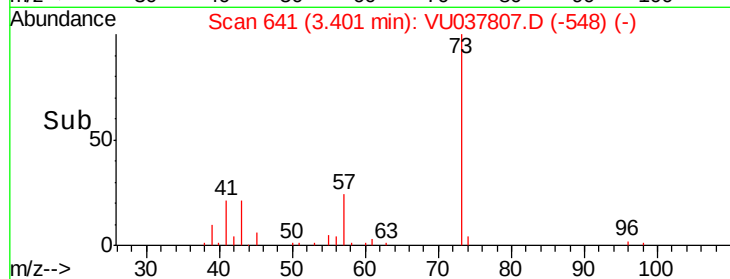
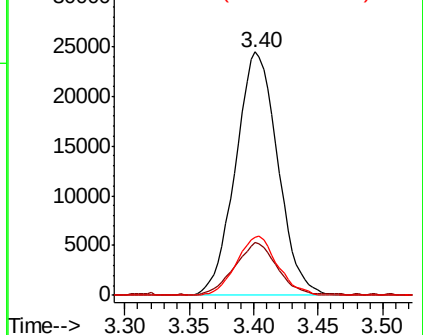
#17
Methyl tert-butyl Ether
Concen: 0.851 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU037807.D
Acq: 20 Apr 2020 12:30

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 55684
Ion Ratio Lower Upper
73 100
43 22.2 16.4 24.6
57 23.5 18.4 27.6

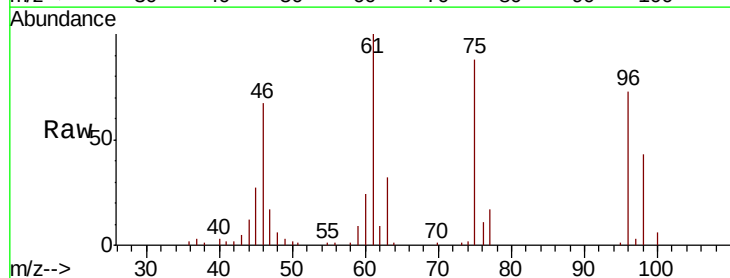


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

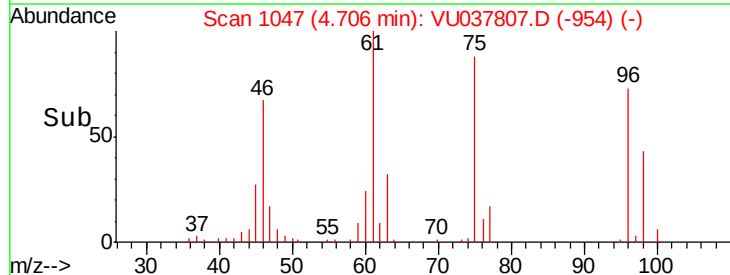
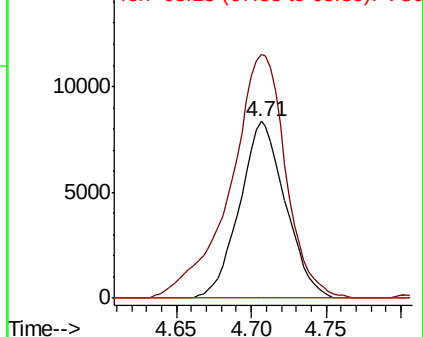


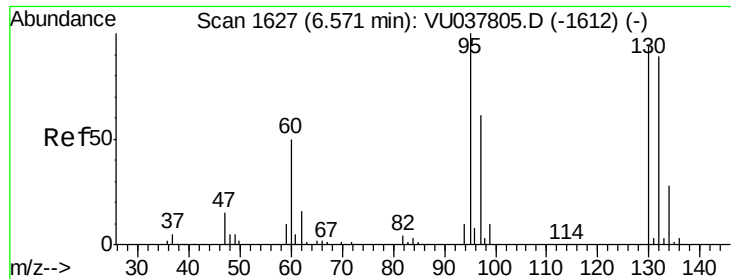
#22
cis-1,2-Dichloroethene
Concen: 0.669 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU037807.D
Acq: 20 Apr 2020 12:30

Tgt Ion: 96 Resp: 17712
Ion Ratio Lower Upper
96 100
61 137.9 97.0 180.2
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: 0.175 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037807.D

Acq: 20 Apr 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 4543

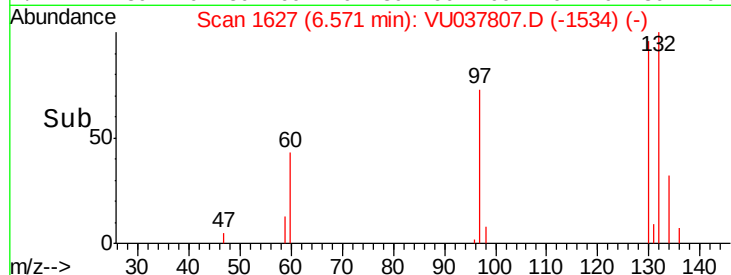
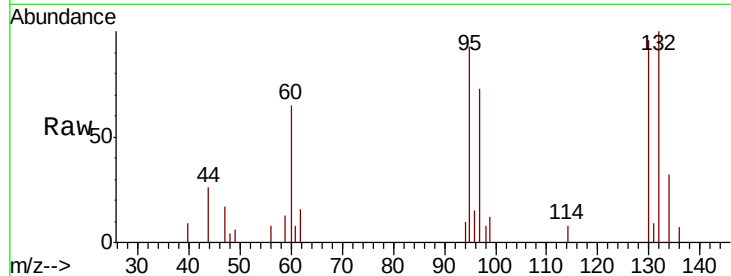
Ion Ratio Lower Upper

95 100

97 78.5 45.4 84.2

132 108.0 63.7 118.3

130 103.8 68.7 127.5

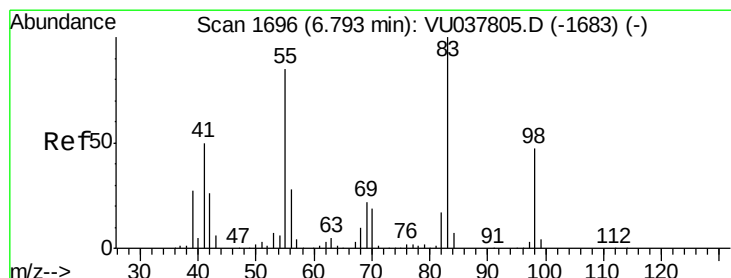
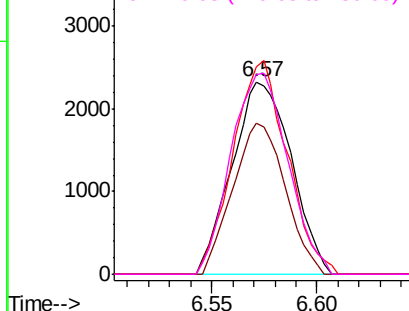


Abundance Ion 95.00 (94.70 to 95.70): VU037807.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU037807.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU037807.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU037807.D (-1534) (-)



#35

Methylcyclohexane

Concen: 0.451 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037807.D

Acq: 20 Apr 2020 12:30

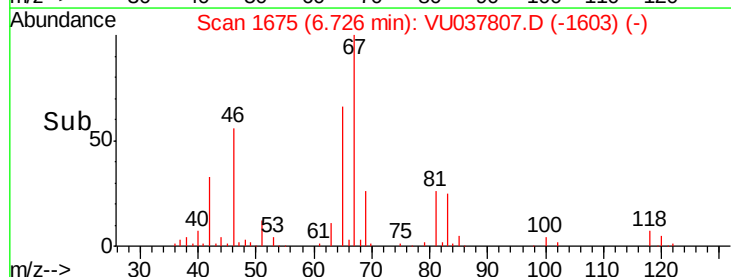
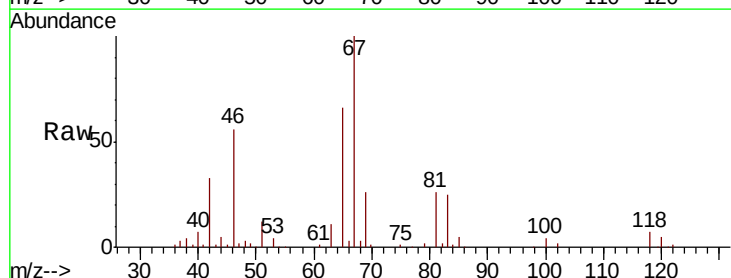
Tgt Ion: 83 Resp: 20566

Ion Ratio Lower Upper

83 100

55 0.6 65.5 98.3#

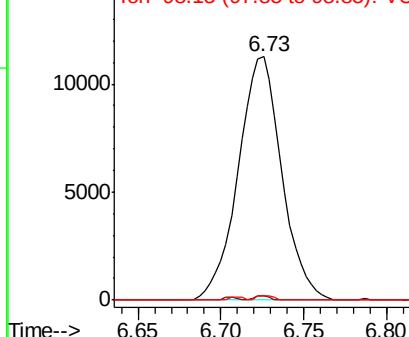
98 0.7 38.2 57.4#

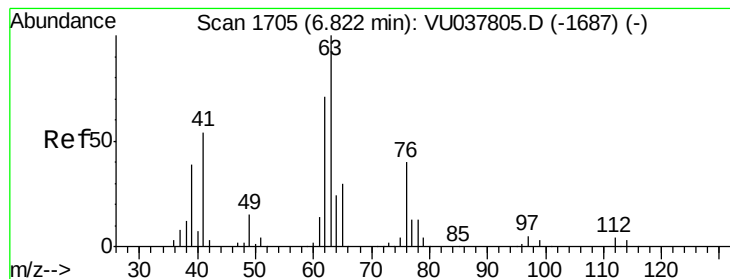


Abundance Ion 83.15 (82.85 to 83.85): VU037807.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037807.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037807.D (-1603) (-)





#37

1,2-Dichloropropane

Concen: 0.361 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037807.D

Acq: 20 Apr 2020 12:30

Instrument :

MSVOA_U

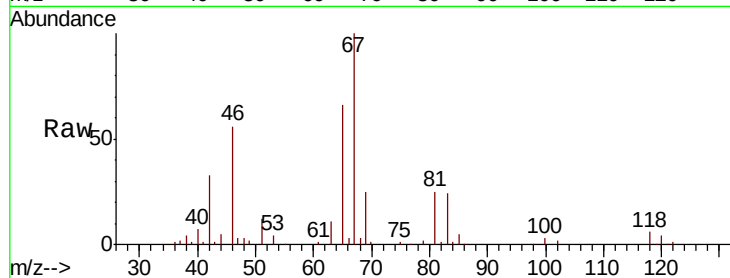
ClientSampleId :

Tot Ion: 63 Resp: 10141

Ion Ratio Lower Upper

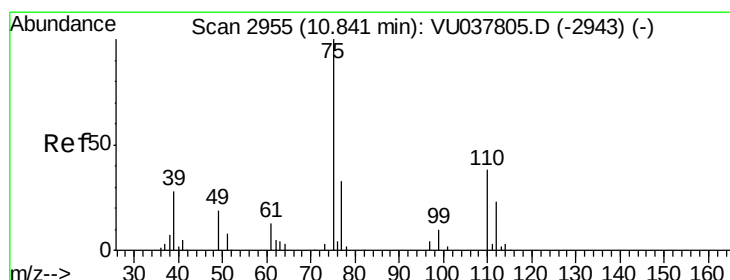
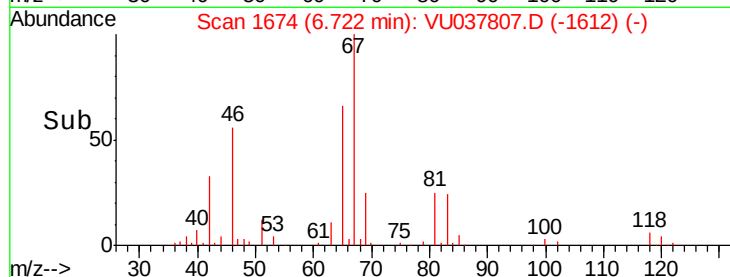
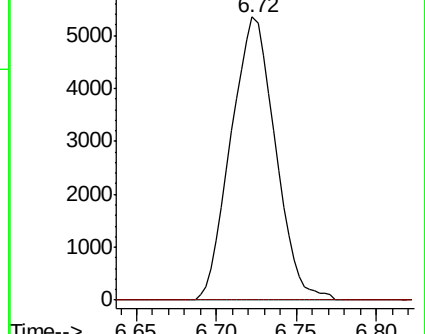
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037805.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037805.D (-1687) (-)



#59

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037807.D

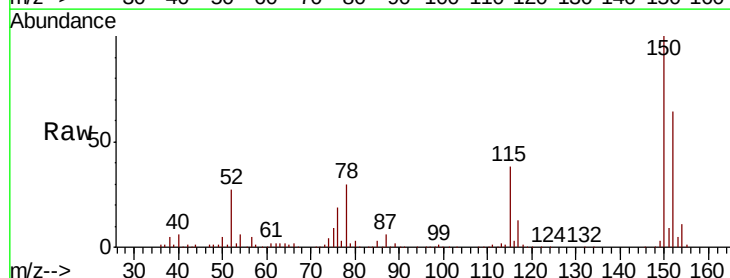
Acq: 20 Apr 2020 12:30

Tgt Ion: 75 Resp: 22986

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037805.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037805.D (-2943) (-)

