

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037875.D
 Acq On : 24 Apr 2020 16:48
 Operator : JC/MD
 Sample : L2395-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 25 01:16:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	557093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	529701	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	194834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	224440	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.22%
7) Chloroethane-d5	1.93	69	180735	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.82%
11) 1,1-Dichloroethene-d2	2.59	63	281331	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.66	46	380814	98.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	5.10	84	349211	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	250265	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
32) Benzene-d6	5.76	84	756901	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.72	67	256827	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.92	98	689359	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	8.20	79	125317	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.20%
47) 2-Hexanone-d5	8.65	63	276754	101.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.47%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	217180	31.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.32%#
64) 1,2-Dichlorobenzene-d4	12.20	152	251134	66.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.48%#

Target Compounds

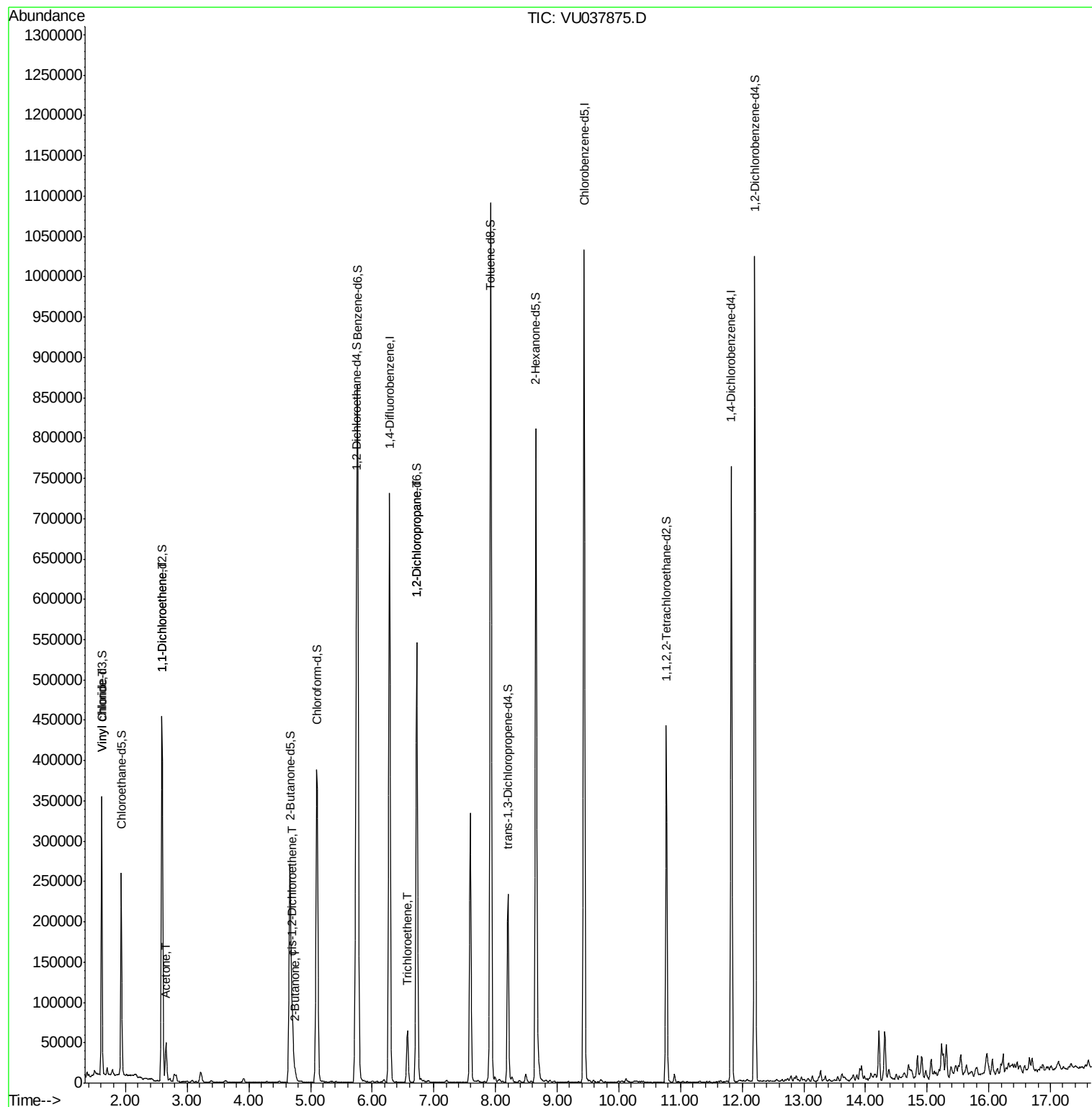
					Ovalue
5) Vinyl chloride	1.62	62	6238	1.129 ug/L #	1
12) 1,1-Dichloroethene	2.60	96	4069	1.203 ug/L #	1
13) Acetone	2.66	43	52295	22.726 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	30761	7.429 ug/L	99
22) 2-Butanone	4.75	43	17428	4.325 ug/L	98
34) Trichloroethene	6.57	95	20156	5.111 ug/L	91
37) 1,2-Dichloropropane	6.72	63	27952	6.366 ug/L #	89

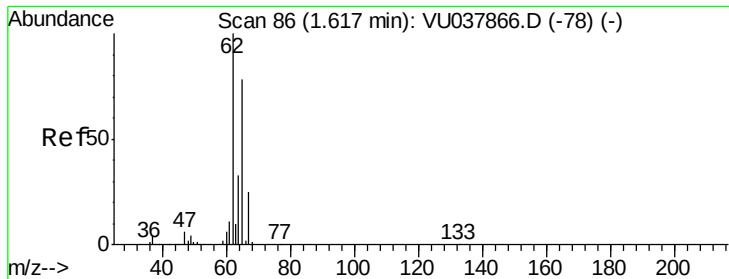
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 25 01:13:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.129 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU037875.D

Acq: 24 Apr 2020 16:48

Instrument :

MSVOA_U

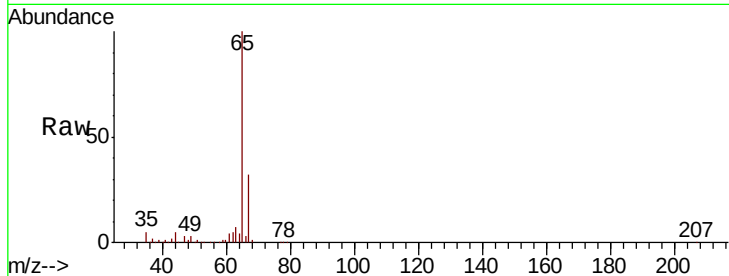
ClientSampleId :

Tot Ion: 62 Resp: 6238

Ion Ratio Lower Upper

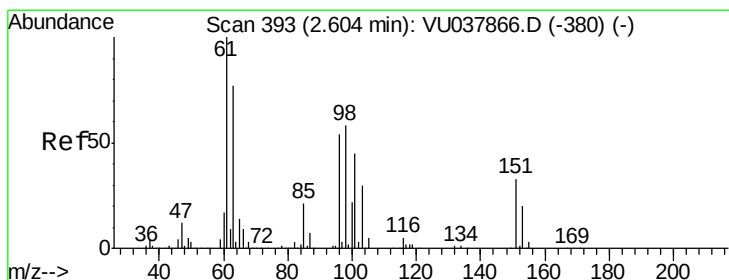
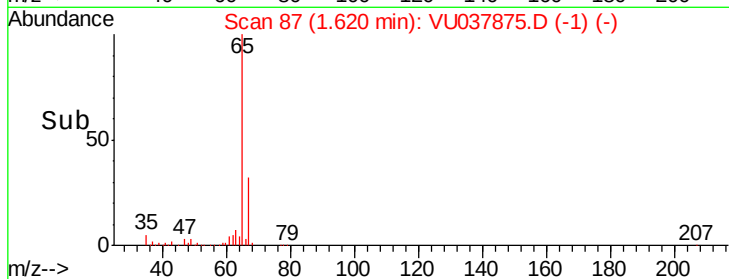
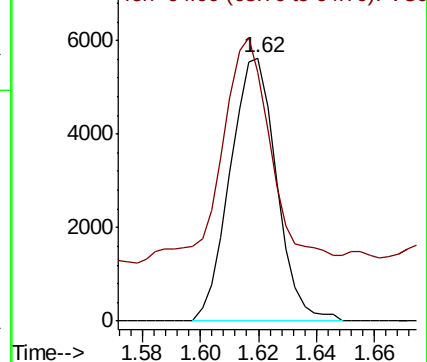
62 100

64 94.8 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 1.203 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037875.D

Acq: 24 Apr 2020 16:48

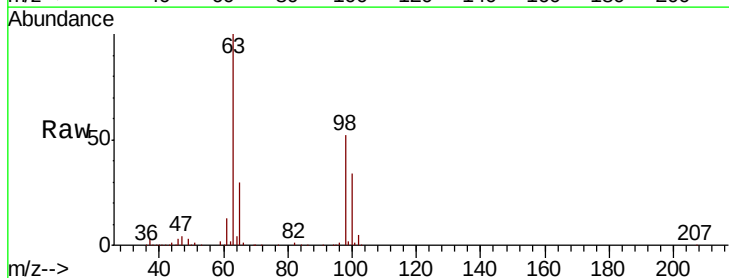
Tgt Ion: 96 Resp: 4069

Ion Ratio Lower Upper

96 100

61 911.7 134.1 249.0#

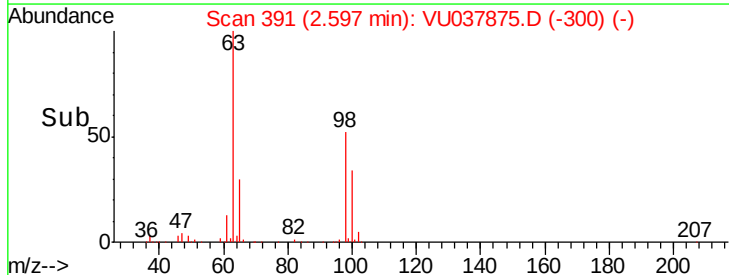
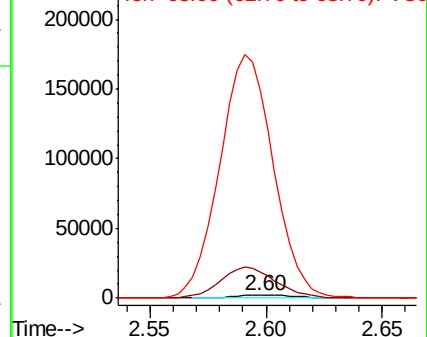
63 7134.2 96.5 179.1#

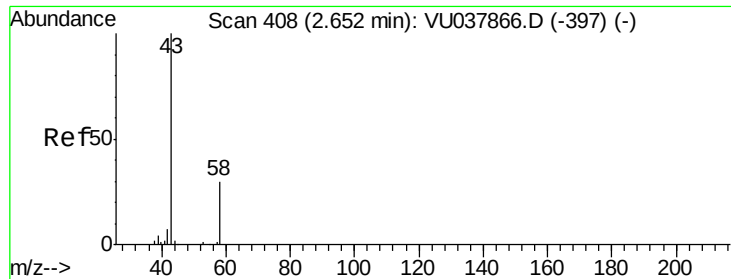


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 22.726 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037875.D

Acq: 24 Apr 2020 16:48

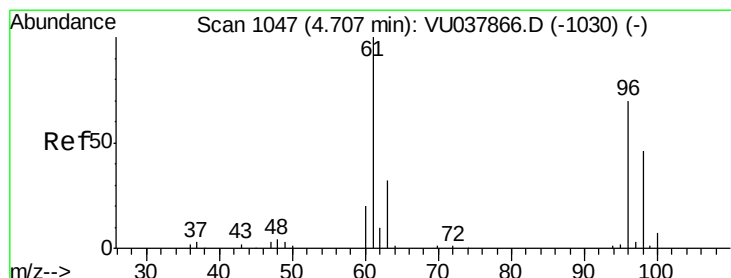
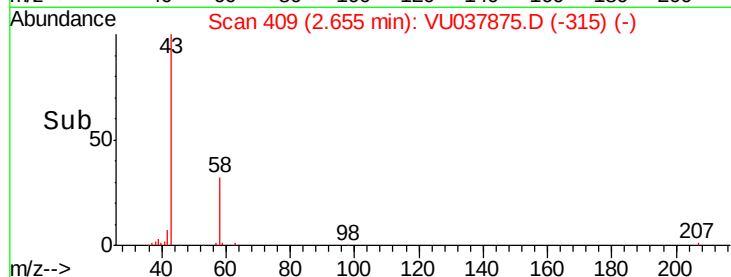
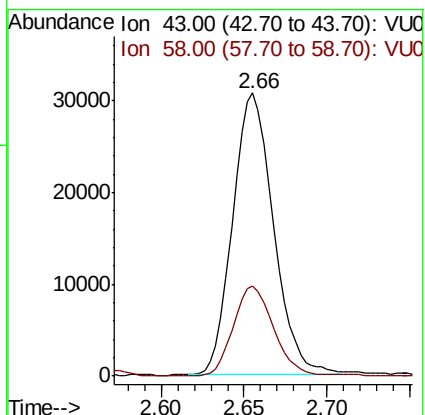
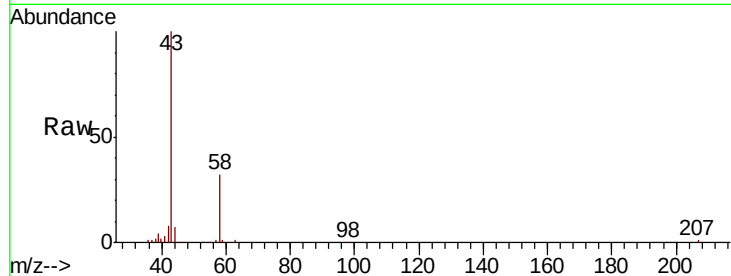
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 52295

Ion Ratio Lower Upper

43 100

58 31.6 0.0 62.0



#20

cis-1,2-Dichloroethene

Concen: 7.429 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037875.D

Acq: 24 Apr 2020 16:48

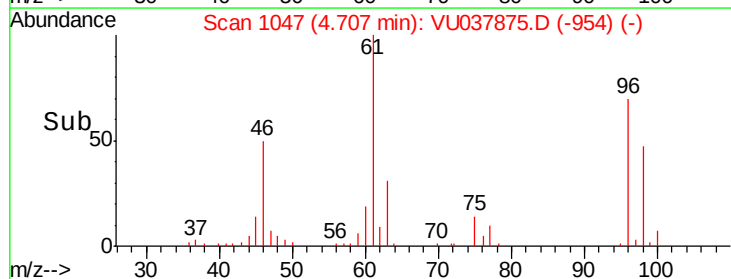
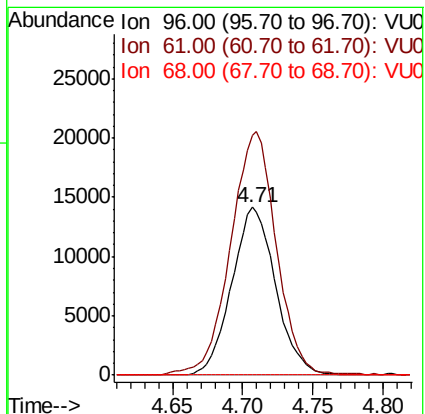
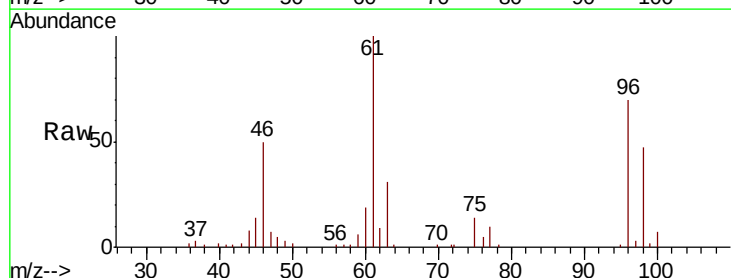
Tgt Ion: 96 Resp: 30761

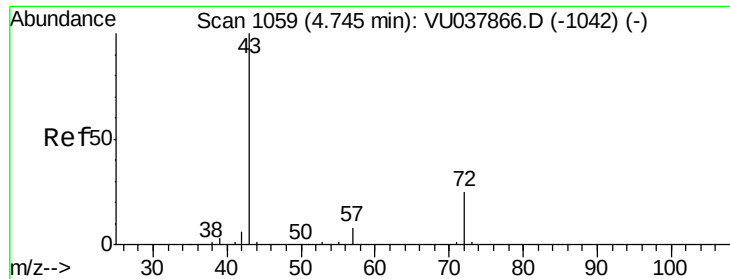
Ion Ratio Lower Upper

96 100

61 142.7 100.4 186.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.325 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VU037875.D

Acq: 24 Apr 2020 16:48

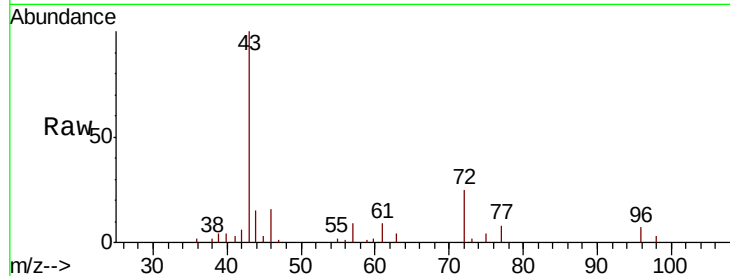
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 17428

Ion Ratio Lower Upper

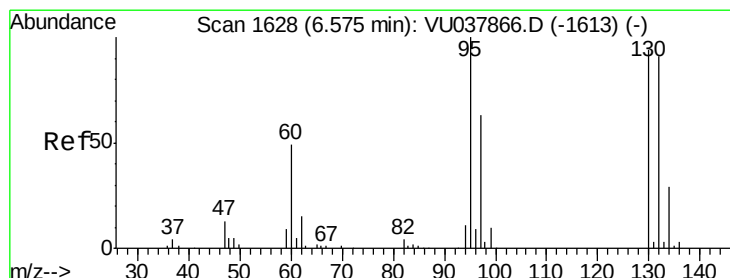
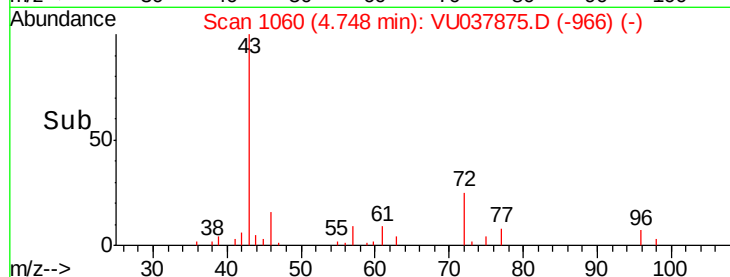
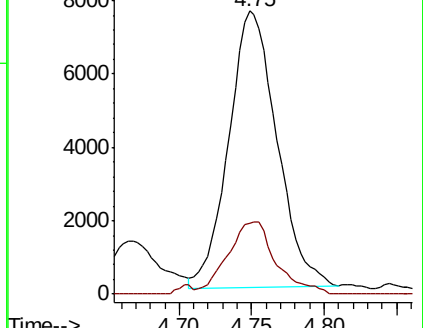
43 100

72 26.1 12.6 37.6



Abundance Ion 43.00 (42.70 to 43.70): VU037866.D (-1042) (-)

Ion 72.00 (71.70 to 72.70): VU037866.D (-1042) (-)



#34

Trichloroethene

Concen: 5.111 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037875.D

Acq: 24 Apr 2020 16:48

Tgt Ion: 95 Resp: 20156

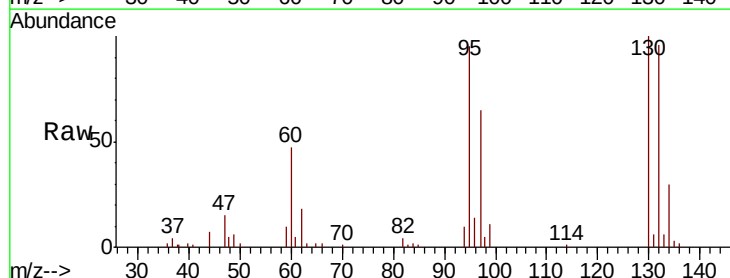
Ion Ratio Lower Upper

95 100

97 68.5 44.4 82.5

132 100.7 65.0 120.6

130 105.1 65.5 121.7

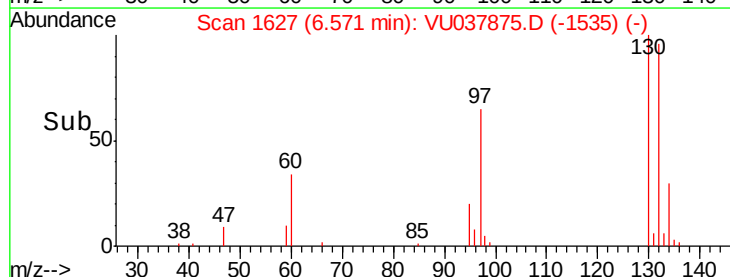
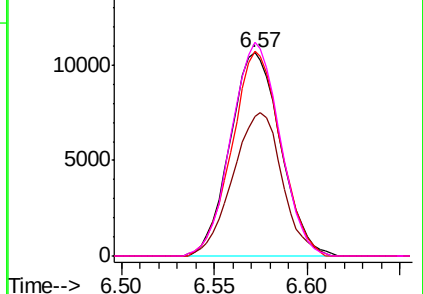


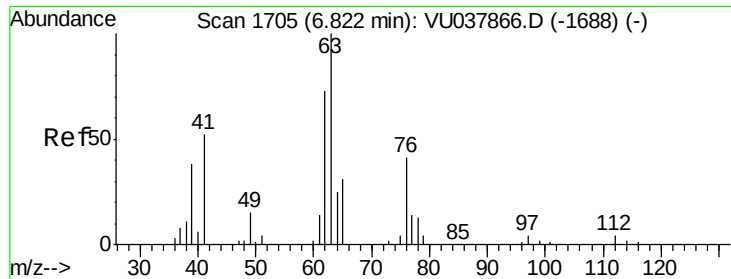
Abundance Ion 95.00 (94.70 to 95.70): VU037866.D (-1613) (-)

Ion 97.00 (96.70 to 97.70): VU037866.D (-1613) (-)

Ion 132.00 (131.70 to 132.70): VU037866.D (-1613) (-)

Ion 130.00 (129.70 to 130.70): VU037866.D (-1613) (-)





#37
 1,2-Dichloropropane
 Concen: 6.366 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037875.D
 Acq: 24 Apr 2020 16:48

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 27952
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#

