

Data File : VU036935.D
Acq On : 27 Feb 2020 12:01
Operator : JC/MD
Sample : L1687-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS4

Quant Time: Feb 27 22:02:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	204240	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	197182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	70484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75014	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.93	69	70090	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.59	63	99471	34.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.26%
21) 2-Butanone-d5	4.67	46	132082	114.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.81%
24) Chloroform-d	5.11	84	132293	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
26) 1,2-Dichloroethane-d4	5.74	65	92551	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
32) Benzene-d6	5.76	84	287594	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.73	67	95722	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.92	98	253853	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	8.20	79	39858	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
47) 2-Hexanone-d5	8.66	63	93964	104.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	134415	51.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.22%
64) 1,2-Dichlorobenzene-d4	12.21	152	75159	54.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.10%

Target Compounds

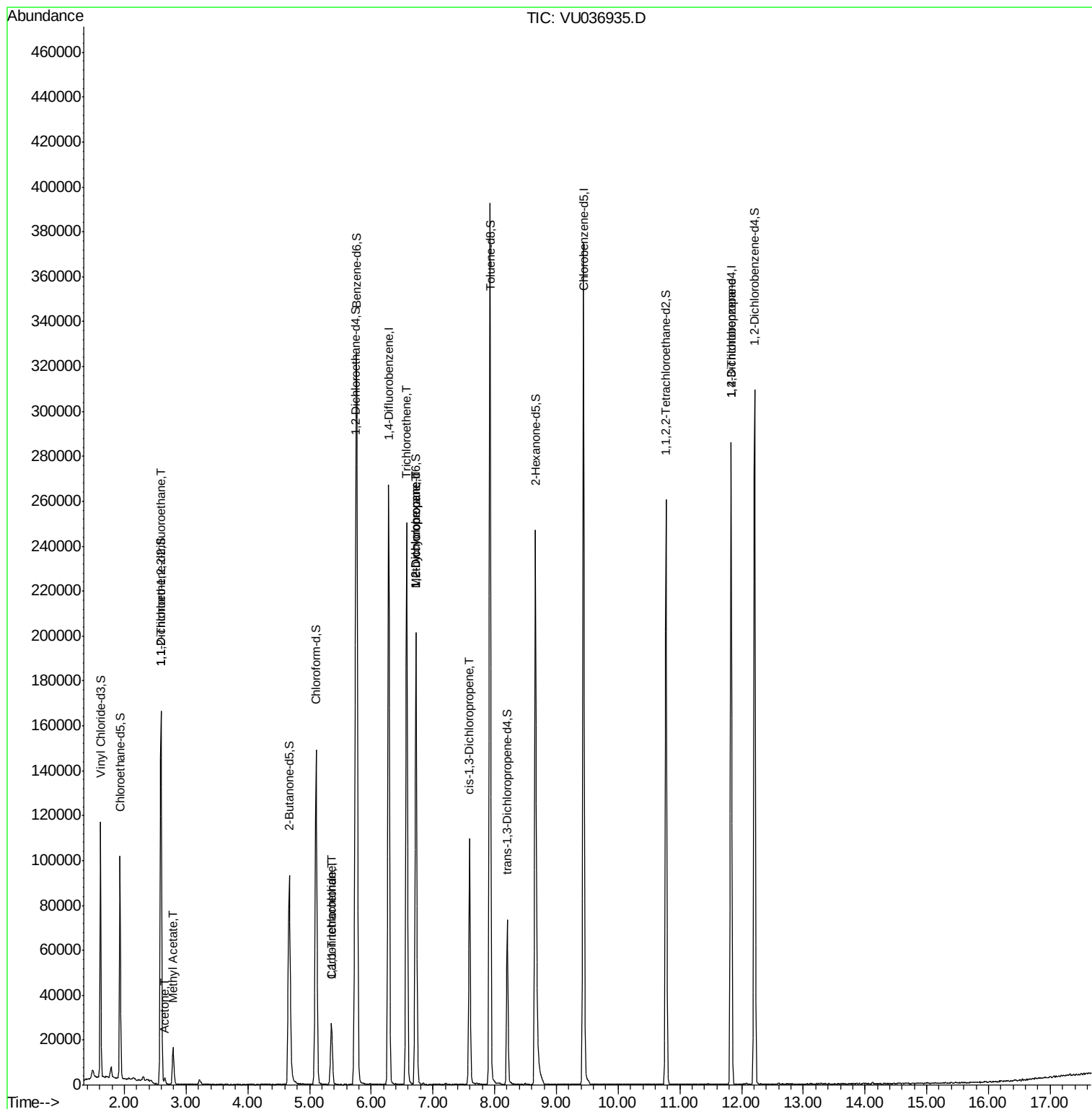
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1554	1.191	ug/L #	64
13) Acetone	2.65	43	3142	2.655	ug/L	96
15) Methyl Acetate	2.79	43	4717	2.615	ug/L #	52
30) 1,1,1-Trichloroethane	5.36	97	19006	8.990	ug/L	96
31) Carbon tetrachloride	5.35	117	2464	1.487	ug/L #	2
34) Trichloroethene	6.57	95	84988	55.509	ug/L	99
35) Methylcyclohexane	6.72	83	20937	7.887	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10153	6.053	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2518	0.975	ug/L #	59
59) 1,2,3-Trichloropropane	11.83	75	10458	4.847	ug/L	90

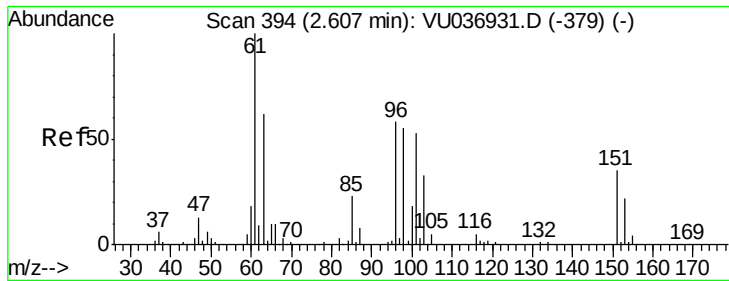
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.191 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

Instrument :

MSVOA_U

ClientSampleId :

C0AS4

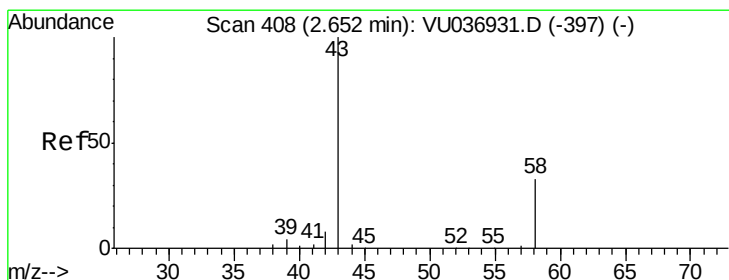
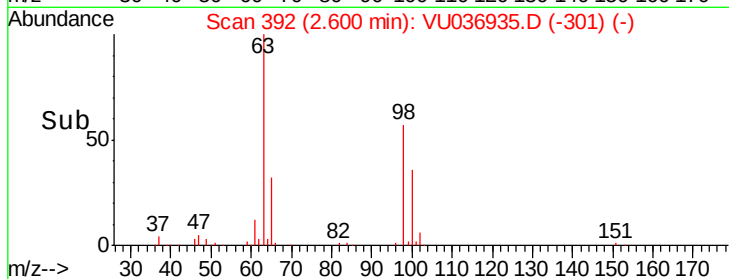
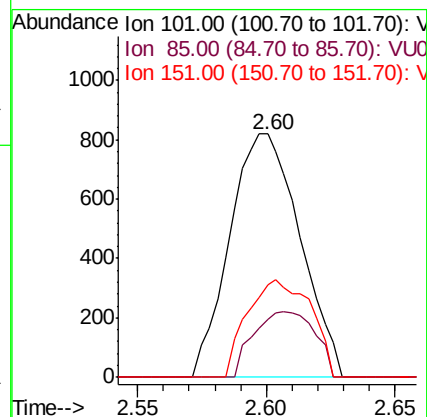
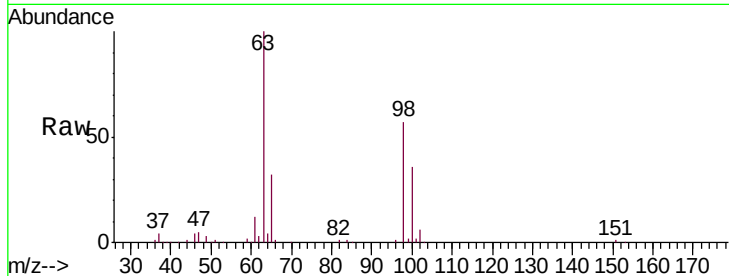
Tgt Ion:101 Resp: 1554

Ion Ratio Lower Upper

101 100

85 23.4 36.4 54.6#

151 36.3 52.4 78.6#



#13

Acetone

Concen: 2.655 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036935.D

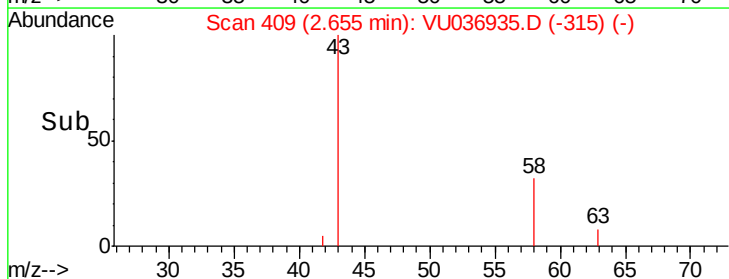
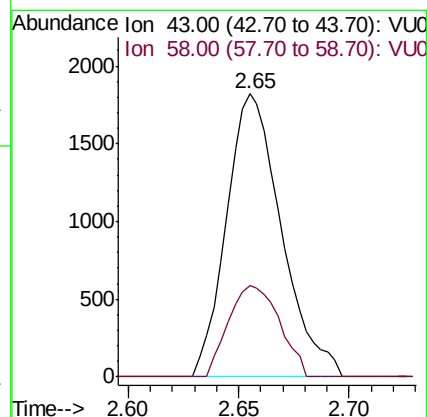
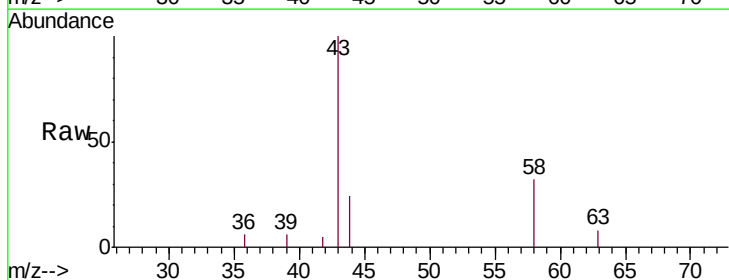
Acq: 27 Feb 2020 12:01

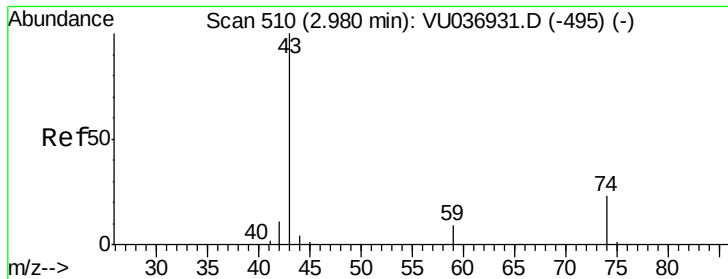
Tgt Ion: 43 Resp: 3142

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.6





#15

Methyl Acetate

Concen: 2.615 ug/L

RT: 2.79 min Scan# 450

Delta R.T. -0.19 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

Instrument :

MSVOA_U

ClientSampled :

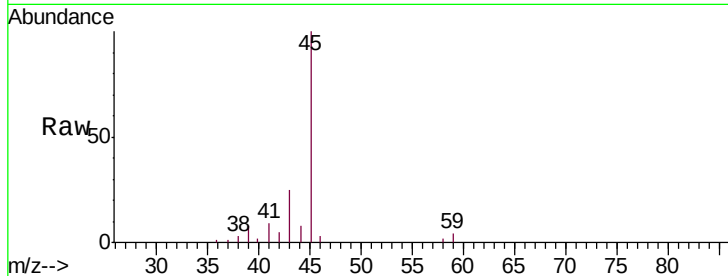
C0AS4

Tgt Ion: 43 Resp: 4717

Ion Ratio Lower Upper

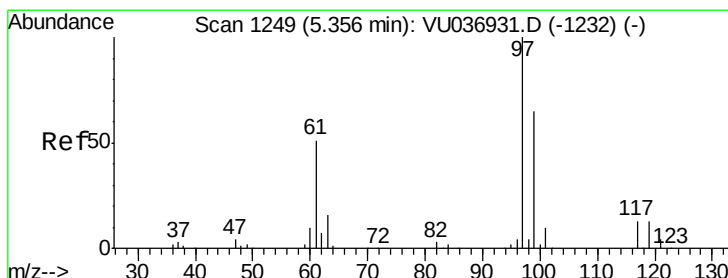
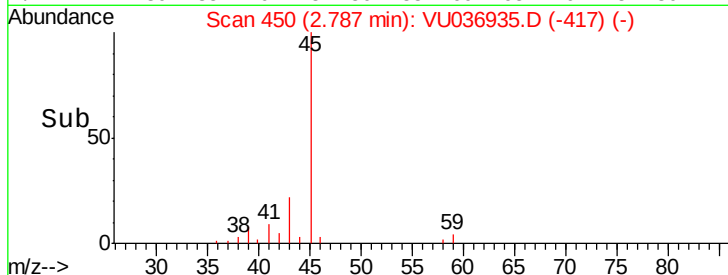
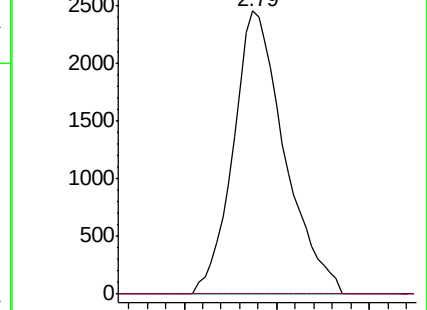
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036935.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036935.D (-417) (-)



#30

1,1,1-Trichloroethane

Concen: 8.990 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

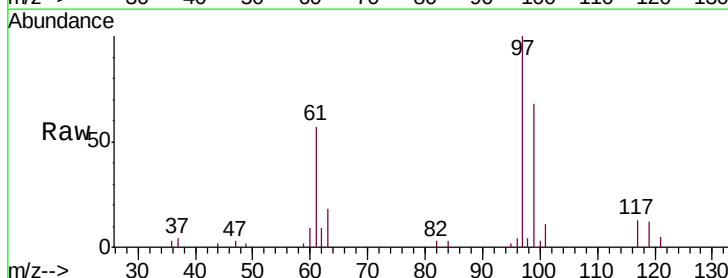
Tgt Ion: 97 Resp: 19006

Ion Ratio Lower Upper

97 100

99 65.5 50.4 75.6

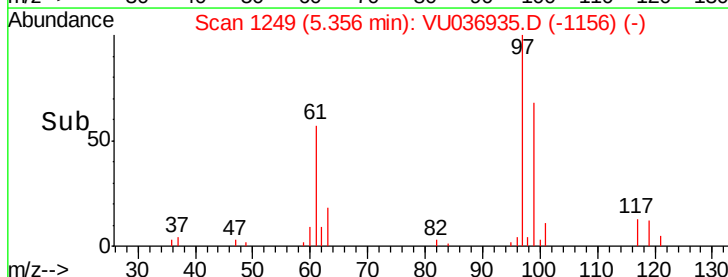
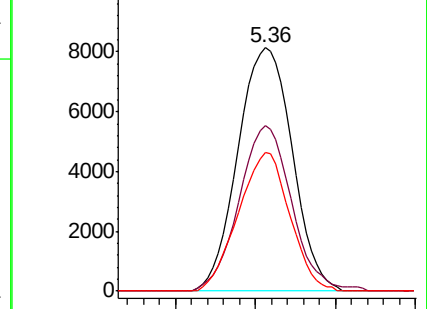
61 53.7 40.3 60.5

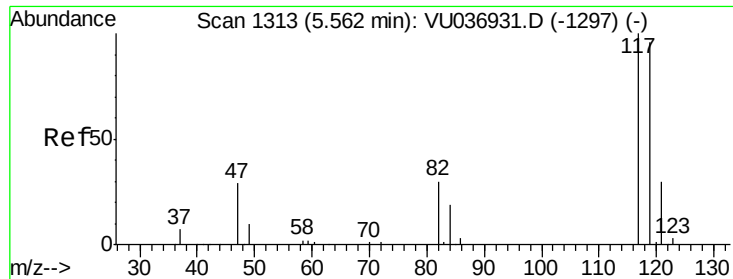


Abundance Ion 97.00 (96.70 to 97.70): VU036935.D (-1156) (-)

Ion 99.00 (98.70 to 99.70): VU036935.D (-1156) (-)

Ion 61.05 (60.75 to 61.75): VU036935.D (-1156) (-)





#31

Carbon tetrachloride

Concen: 1.487 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.21 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

Instrument :

MSVOA_U

ClientSampleId :

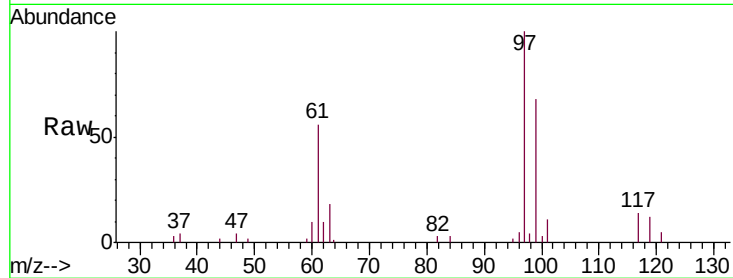
C0AS4

Tgt Ion: 117 Resp: 2464

Ion Ratio Lower Upper

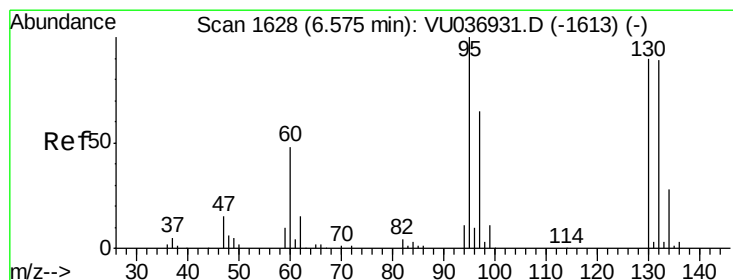
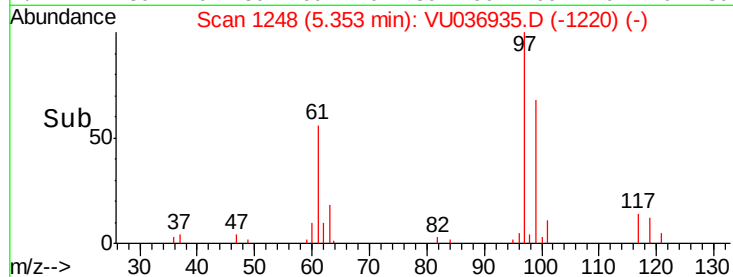
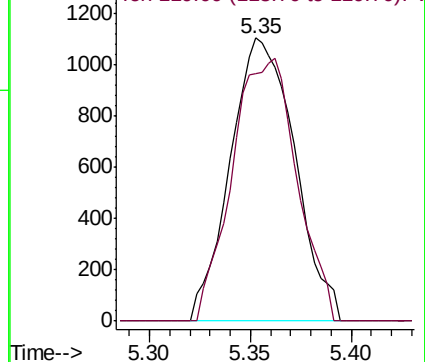
117 100

119 0.0 77.2 115.8#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Trichloroethene

Concen: 55.509 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

Tgt Ion: 95 Resp: 84988

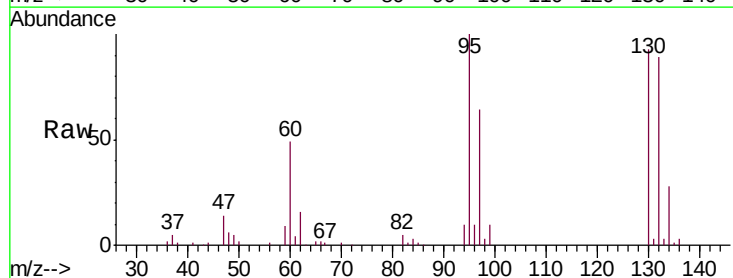
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 88.8 60.6 112.6

130 92.7 64.9 120.5

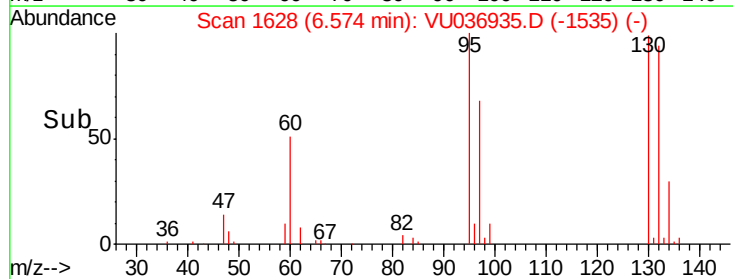
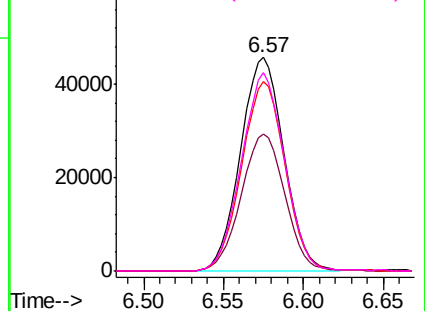


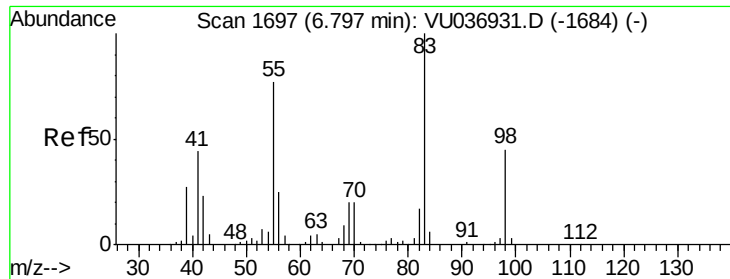
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

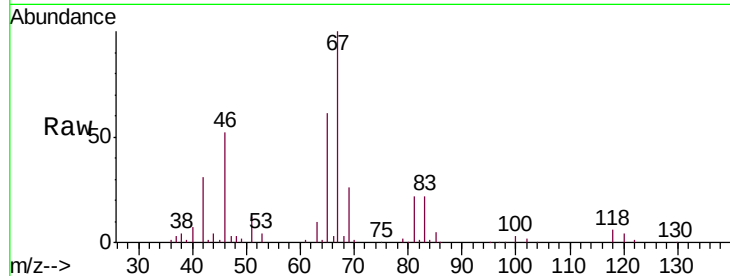




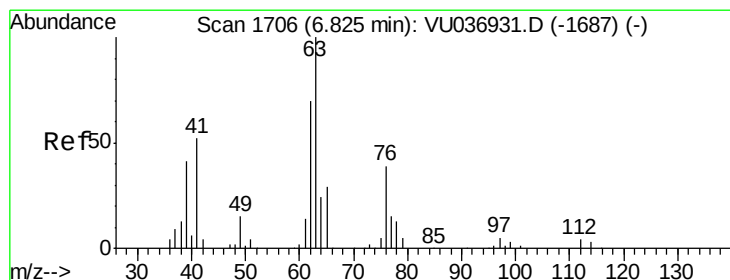
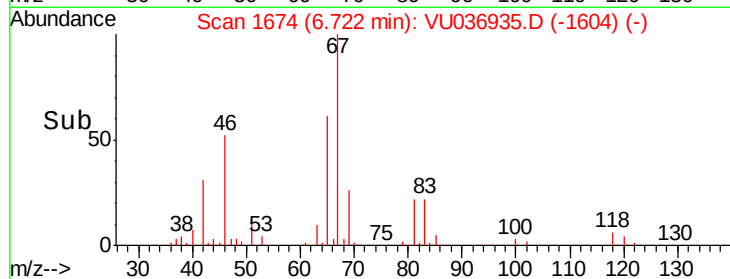
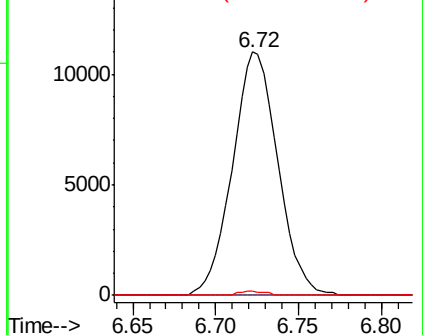
#35
Methylcyclohexane
Concen: 7.887 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036935.D
Acq: 27 Feb 2020 12:01

Instrument :
MSVOA_U
ClientSampleId :
C0AS4

Tgt Ion: 83 Resp: 20937
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.9 35.1 52.7#

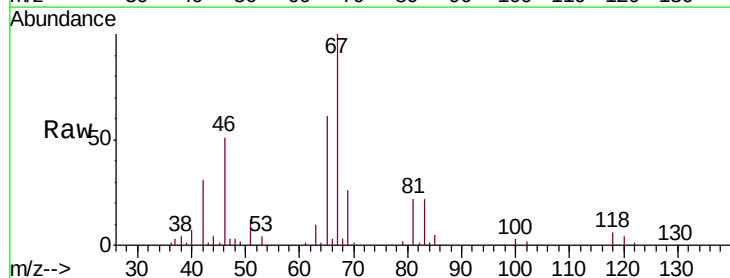


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

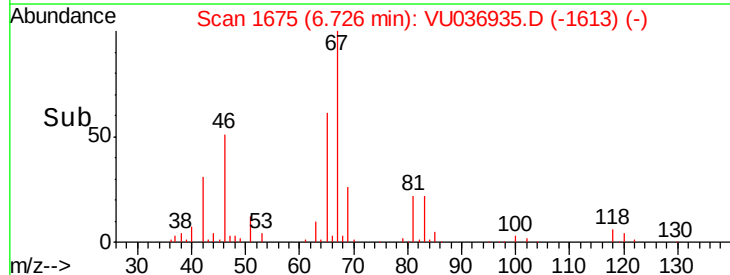
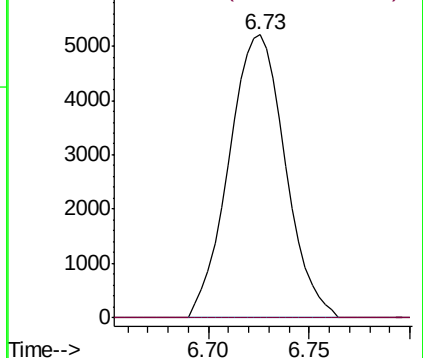


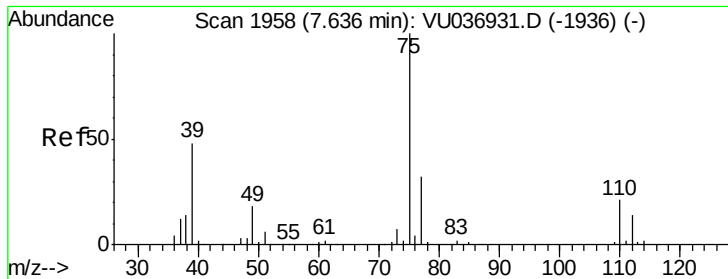
#37
1,2-Dichloropropane
Concen: 6.053 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036935.D
Acq: 27 Feb 2020 12:01

Tgt Ion: 63 Resp: 10153
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

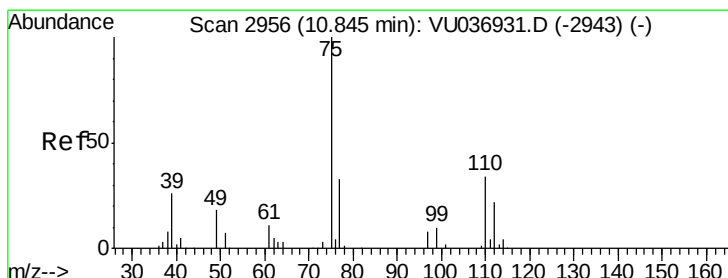
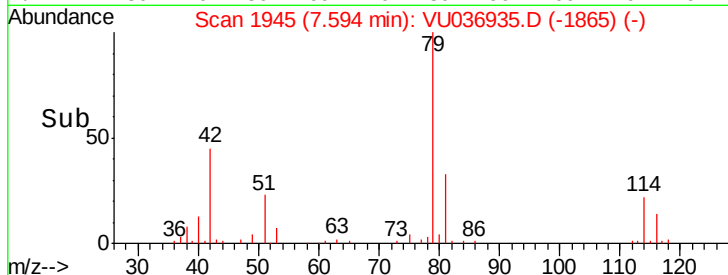
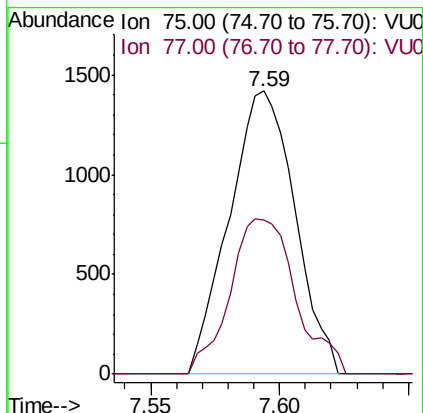
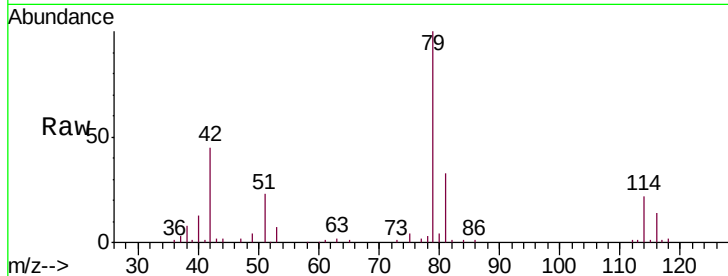




#39
 cis-1,3-Dichloropropene
 Concen: 0.975 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036935.D
 Acq: 27 Feb 2020 12:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS4

Tgt Ion: 75 Resp: 2518
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.847 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036935.D
 Acq: 27 Feb 2020 12:01

Tgt Ion: 75 Resp: 10458
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.2 39.2

