

Data File : VU036926.D
Acq On : 26 Feb 2020 19:29
Operator : JC/MD
Sample : L1687-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT4

Quant Time: Feb 27 04:52:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246485	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87017	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.08%
7) Chloroethane-d5	1.93	69	80265	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.59	63	115140	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.67	46	142223	102.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.43%
24) Chloroform-d	5.11	84	151067	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.74	65	104716	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.76	84	328115	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.72	67	108425	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.22%
41) Toluene-d8	7.93	98	292849	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	8.20	79	46559	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.66	63	108308	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153379	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	90437	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

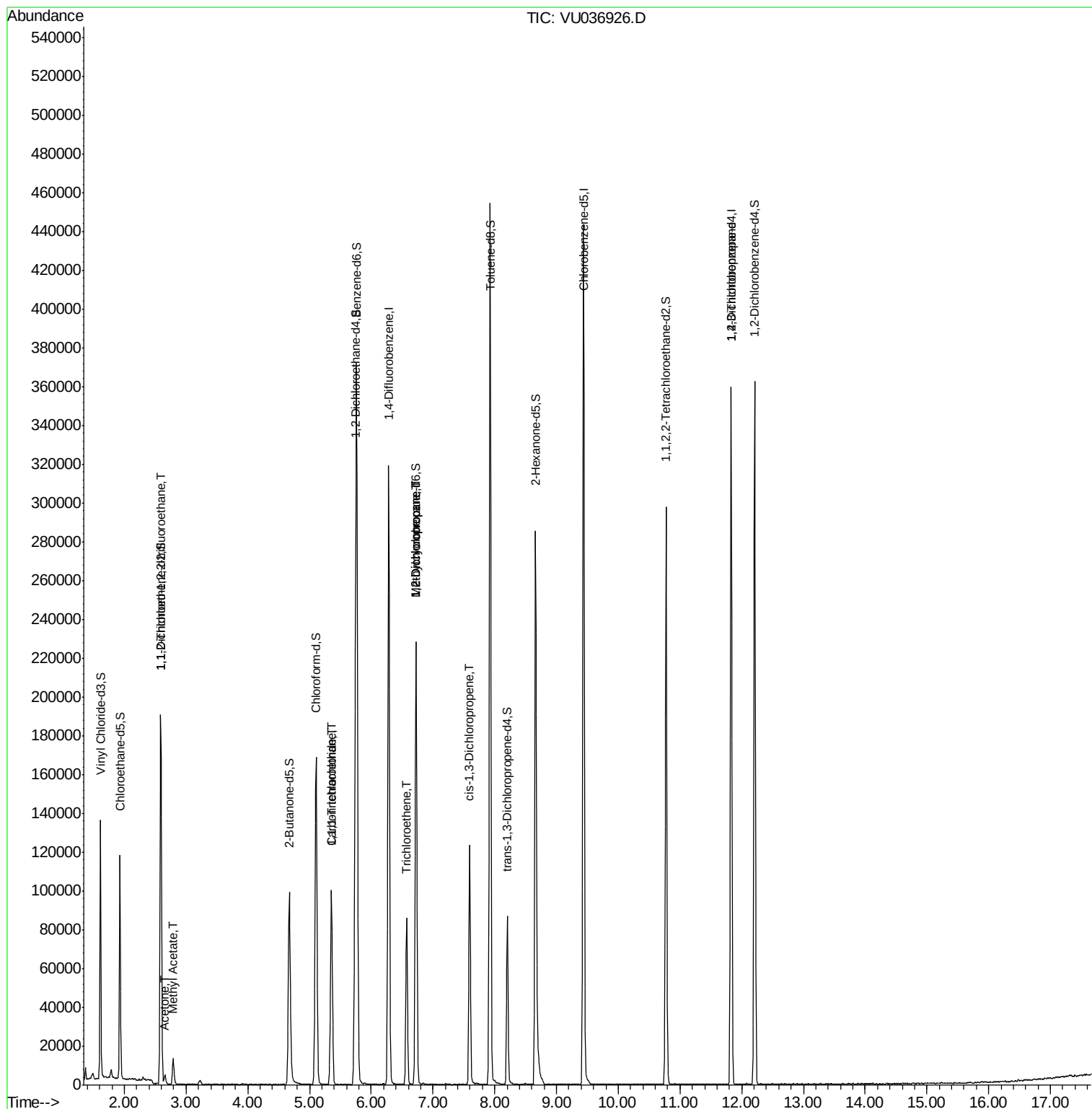
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1834	1.165 ug/L #	48
13) Acetone	2.66	43	5203	3.643 ug/L	96
15) Methyl Acetate	2.79	43	3505	1.610 ug/L #	52
30) 1,1,1-Trichloroethane	5.36	97	68793	27.506 ug/L	99
31) Carbon tetrachloride	5.35	117	9055	4.619 ug/L	98
34) Trichloroethene	6.57	95	29266	16.158 ug/L	97
35) Methylcyclohexane	6.73	83	23998	7.642 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11747	5.920 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2943	0.963 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	13746	5.385 ug/L	95

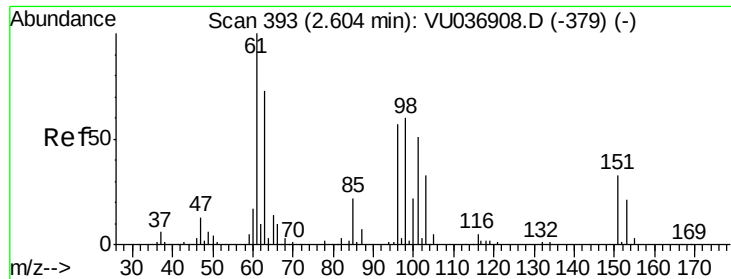
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.165 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036926.D

Acq: 26 Feb 2020 19:29

Instrument :

MSVOA_U

ClientSampled :

C0AT4

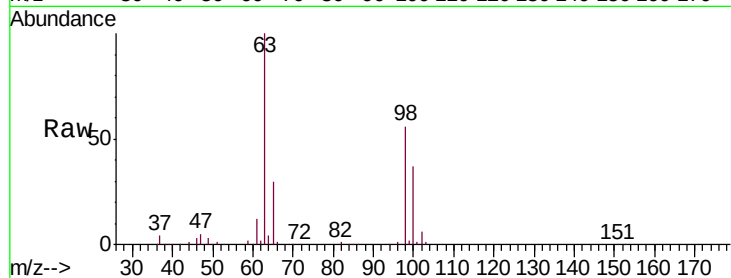
Tgt Ion:101 Resp: 1834

Ion Ratio Lower Upper

101 100

85 25.5 36.4 54.6#

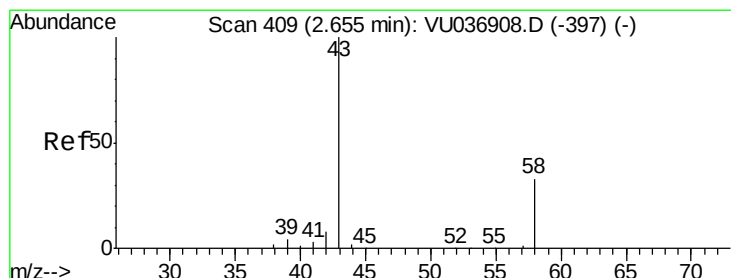
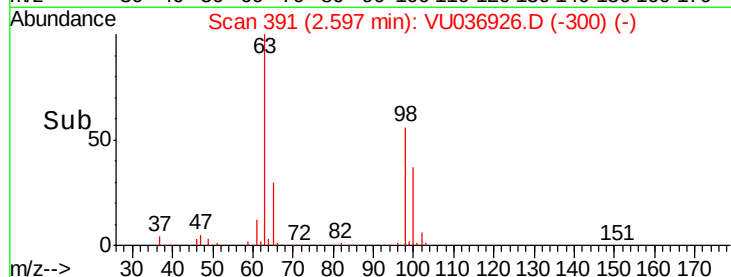
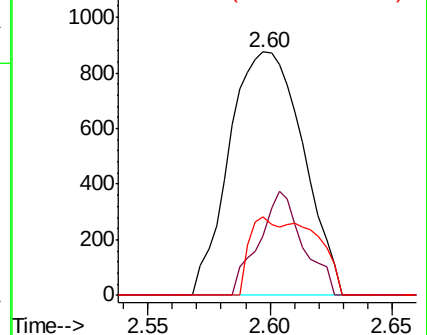
151 12.9 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.643 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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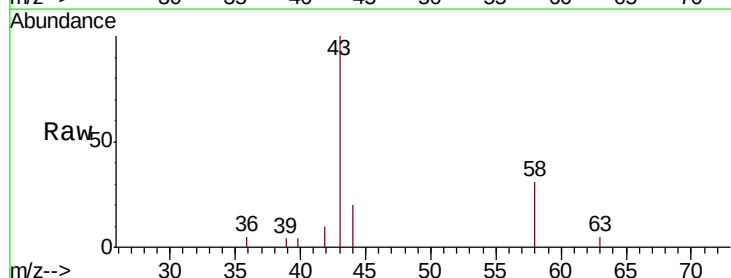
Acq: 26 Feb 2020 19:29

Tgt Ion: 43 Resp: 5203

Ion Ratio Lower Upper

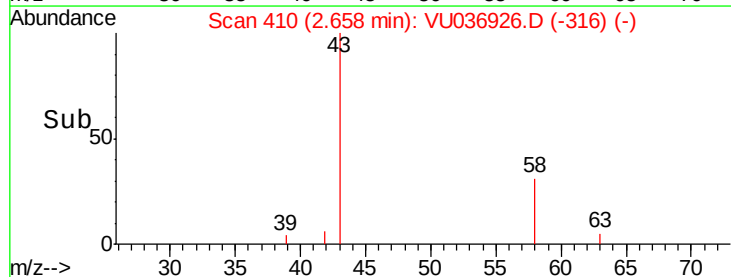
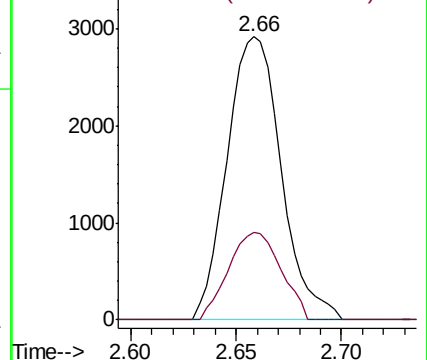
43 100

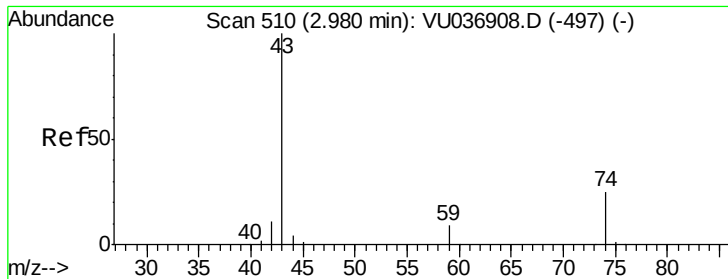
58 29.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

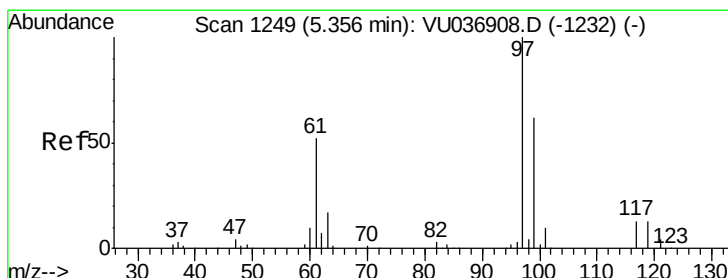
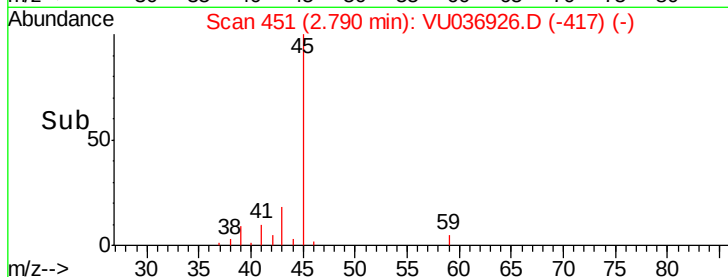
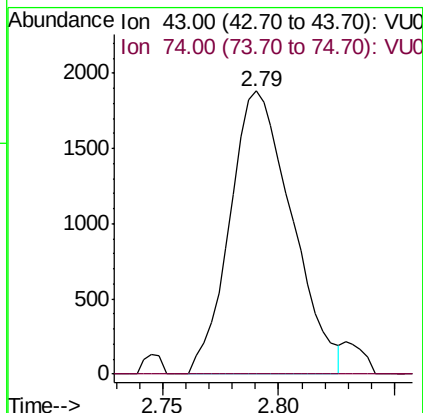
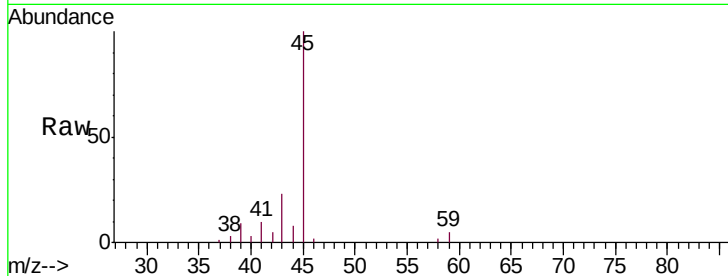




#15
Methyl Acetate
Concen: 1.610 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU036926.D
Acq: 26 Feb 2020 19:29

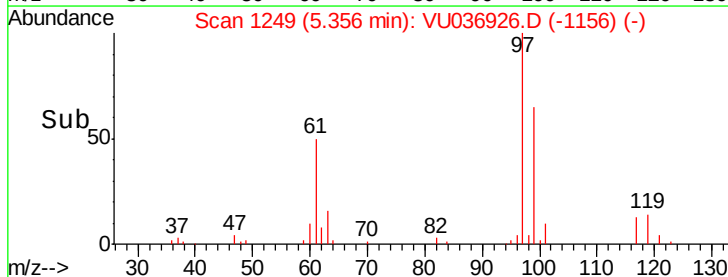
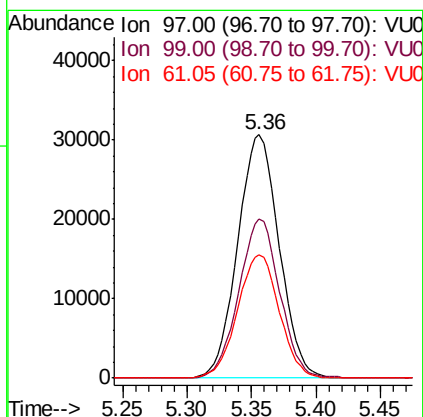
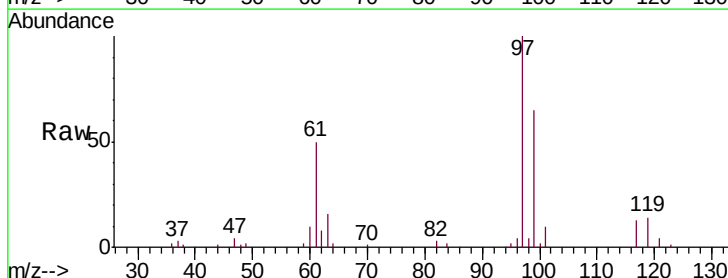
Instrument :
MSVOA_U
ClientSampleId :
C0AT4

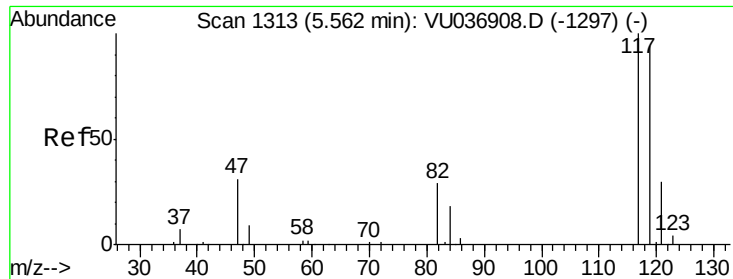
Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#30
1,1,1-Trichloroethane
Concen: 27.506 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036926.D
Acq: 26 Feb 2020 19:29

Tgt Ion: 97 Resp: 68793
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 50.8 40.3 60.5





#31

Carbon tetrachloride

Concen: 4.619 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.21 min

Lab File: VU036926.D

Acq: 26 Feb 2020 19:29

Instrument :

MSVOA_U

ClientSampled :

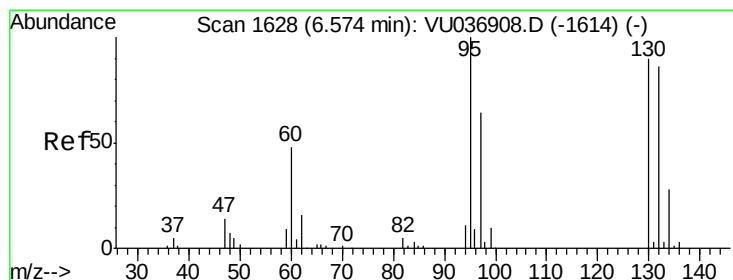
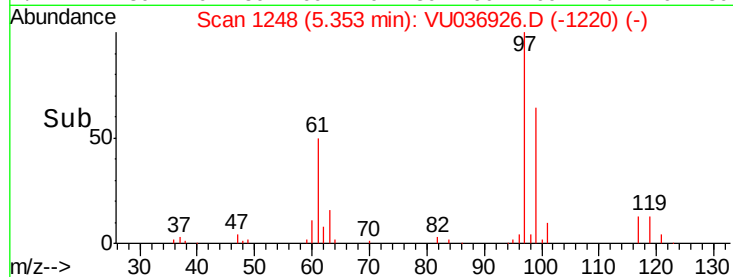
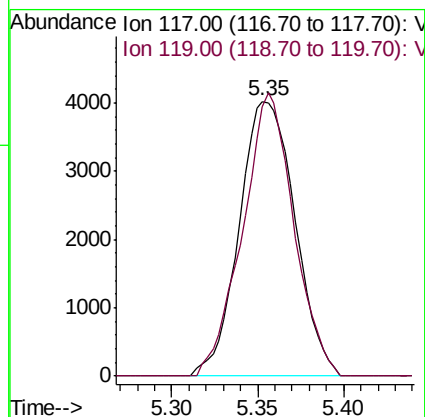
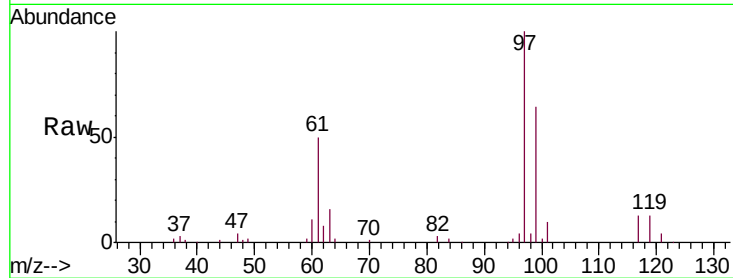
C0AT4

Tgt Ion: 117 Resp: 9055

Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8



#34

Trichloroethene

Concen: 16.158 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU036926.D

Acq: 26 Feb 2020 19:29

Tgt Ion: 95 Resp: 29266

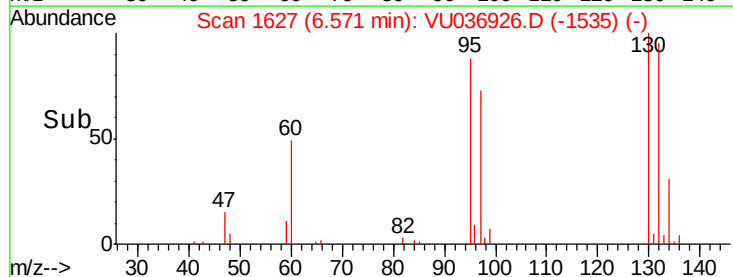
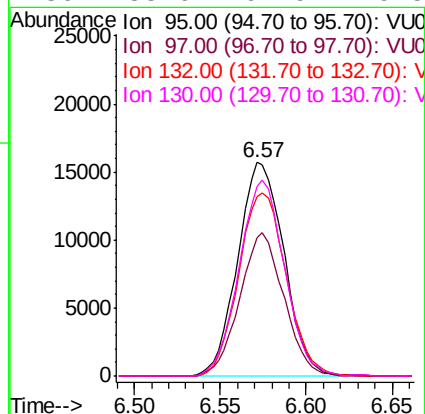
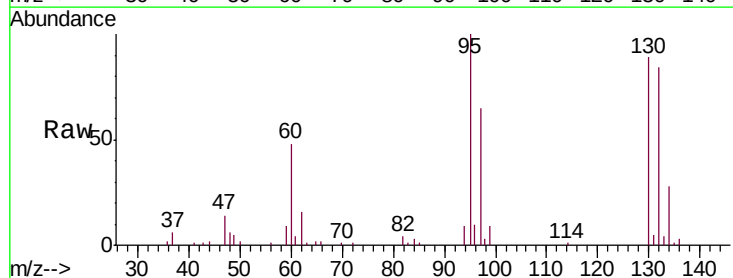
Ion Ratio Lower Upper

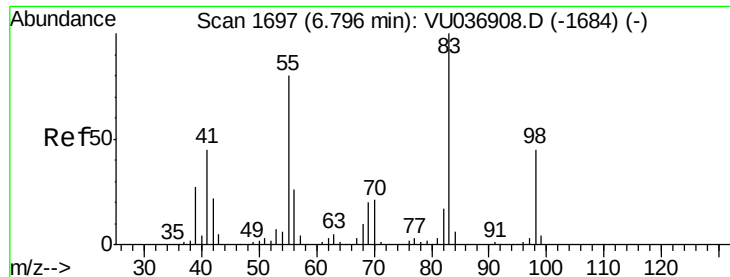
95 100

97 64.9 44.1 81.9

132 84.0 60.6 112.6

130 88.6 64.9 120.5

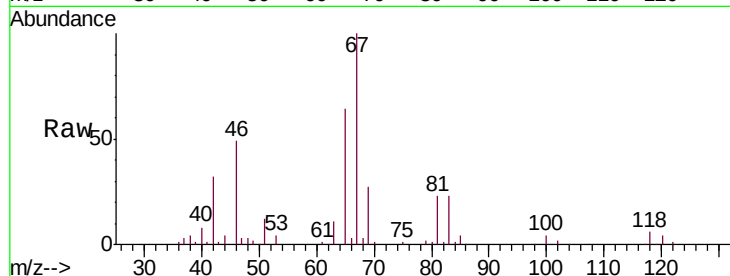




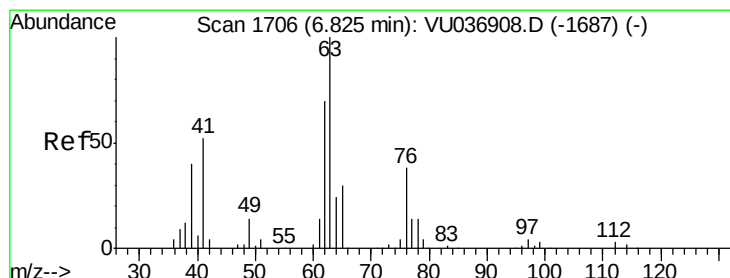
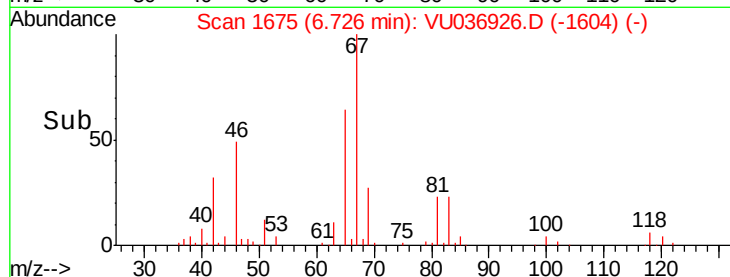
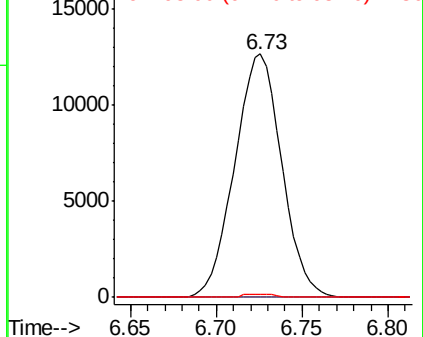
#35
Methylcyclohexane
Concen: 7.642 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036926.D
Acq: 26 Feb 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0AT4

Tgt Ion: 83 Resp: 23998
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.6 35.1 52.7#

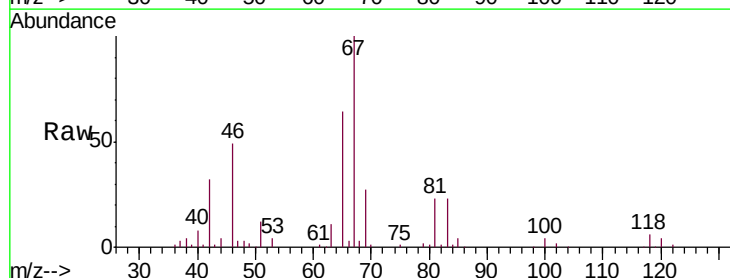


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

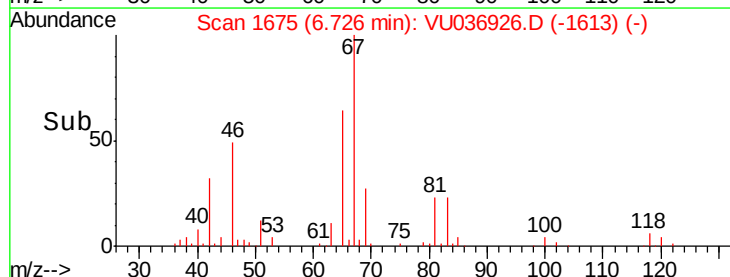
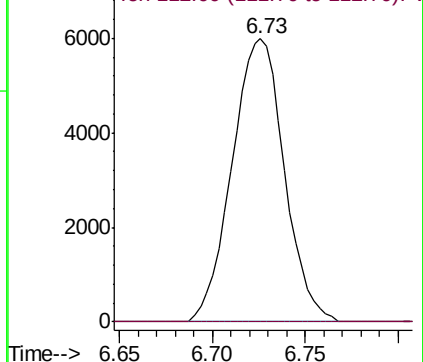


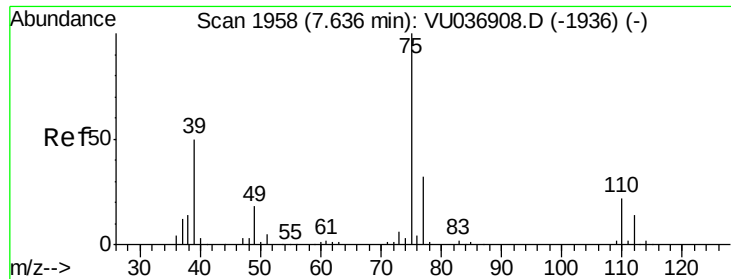
#37
1,2-Dichloropropane
Concen: 5.920 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036926.D
Acq: 26 Feb 2020 19:29

Tgt Ion: 63 Resp: 11747
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

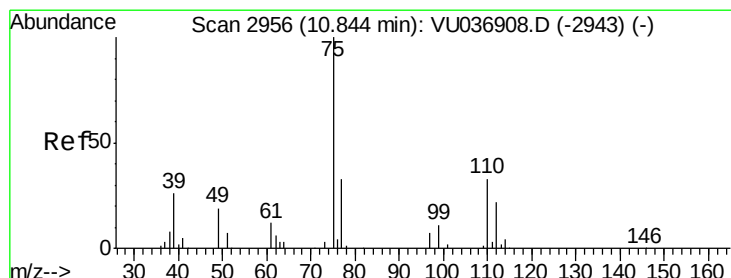
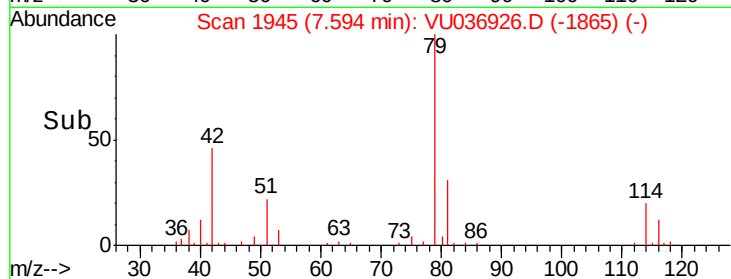
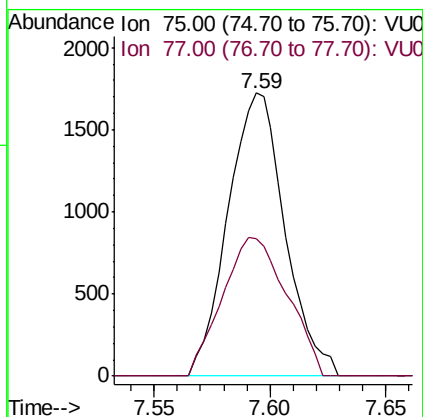
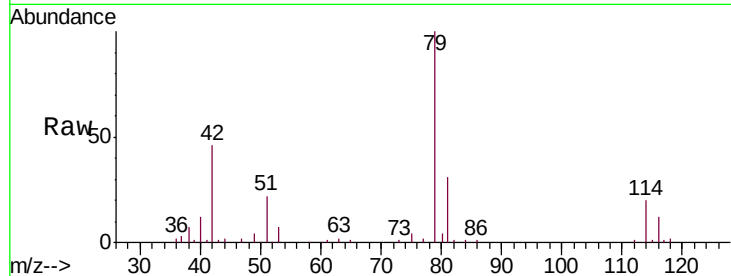




#39
 cis-1,3-Dichloropropene
 Concen: 0.963 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036926.D
 Acq: 26 Feb 2020 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT4

Tgt Ion: 75 Resp: 2943
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.385 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036926.D
 Acq: 26 Feb 2020 19:29

Tgt Ion: 75 Resp: 13746
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.2 39.2

