

Data File : VU036943.D
Acq On : 27 Feb 2020 15:03
Operator : JC/MD
Sample : L1687-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS5

Quant Time: Feb 27 22:04:00 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	271491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78699	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.04%
7) Chloroethane-d5	1.93	69	73793	39.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.24%
11) 1,1-Dichloroethene-d2	2.59	63	106096	27.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.58%#
21) 2-Butanone-d5	4.67	46	142765	93.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.35%
24) Chloroform-d	5.11	84	144752	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.74	65	100050	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
32) Benzene-d6	5.76	84	312766	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
36) 1,2-Dichloropropane-d6	6.72	67	103416	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.92	98	279994	40.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.26%
43) trans-1,3-Dichloropropene-	8.20	79	43514	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
47) 2-Hexanone-d5	8.66	63	104227	88.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147182	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	85587	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%

Target Compounds

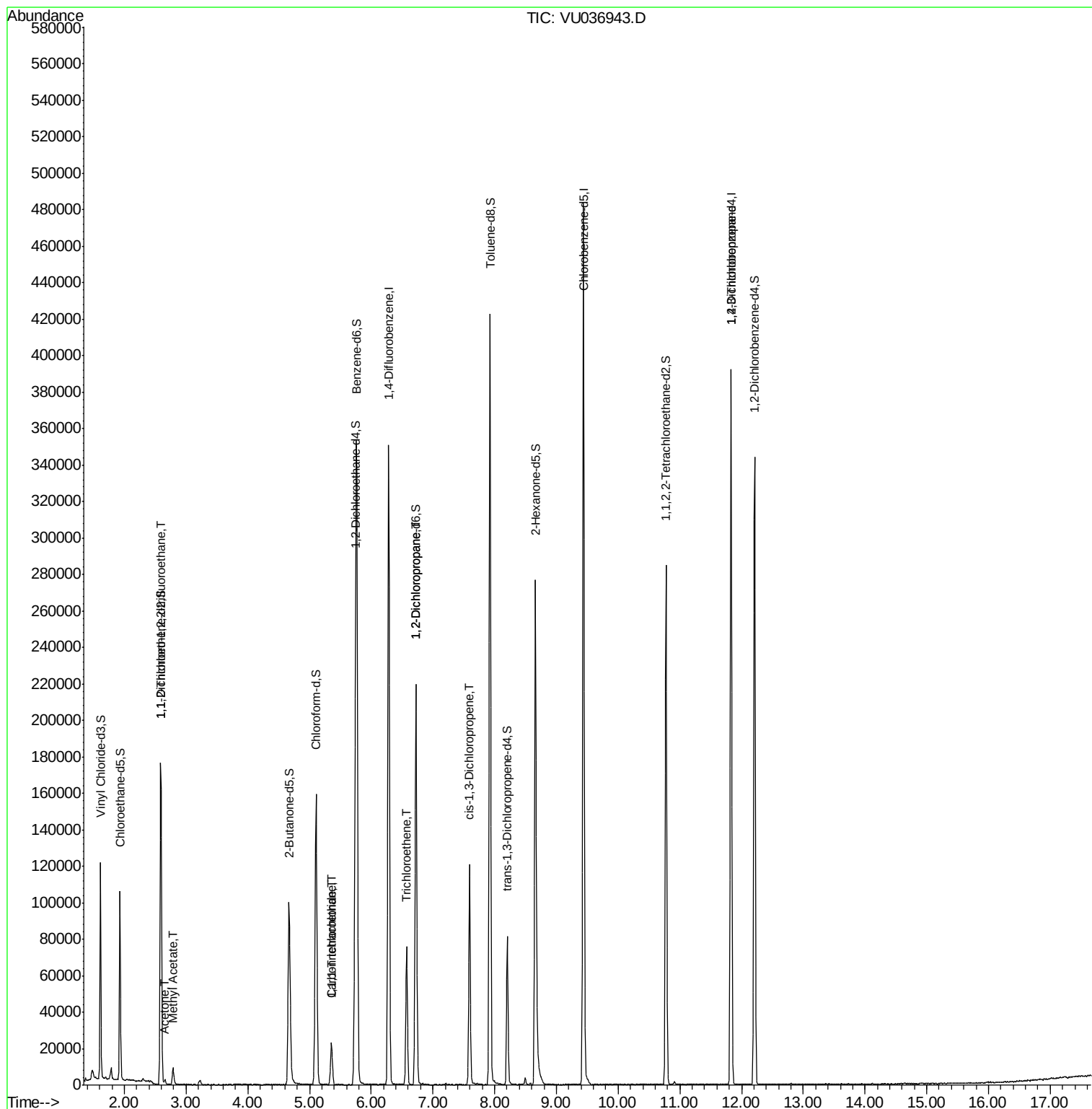
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1498	0.864	ug/L #	49
13) Acetone	2.66	43	3127	1.988	ug/L	99
15) Methyl Acetate	2.79	43	2571	1.072	ug/L #	52
30) 1,1,1-Trichloroethane	5.36	97	15231	5.531	ug/L	95
31) Carbon tetrachloride	5.36	117	2041	0.946	ug/L	97
34) Trichloroethene	6.57	95	25727	12.899	ug/L	97
37) 1,2-Dichloropropane	6.73	63	11181	5.117	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2958	0.879	ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	14365	5.111	ug/L	96

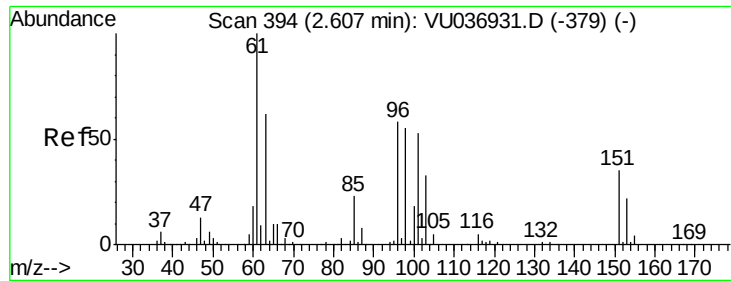
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.864 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU036943.D

Acq: 27 Feb 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

C0AS5

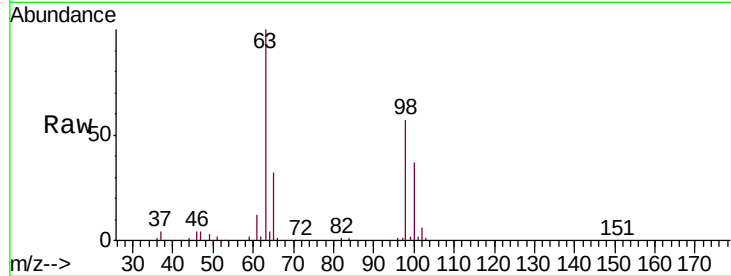
Tgt Ion:101 Resp: 1498

Ion Ratio Lower Upper

101 100

85 16.0 36.4 54.6#

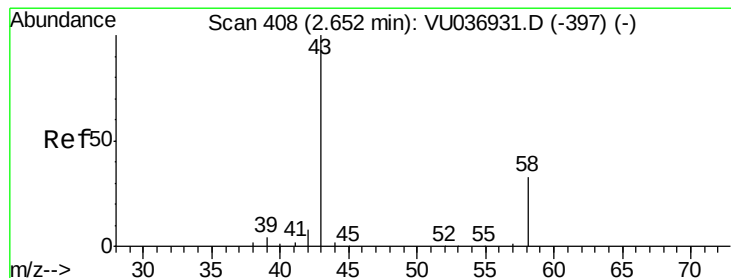
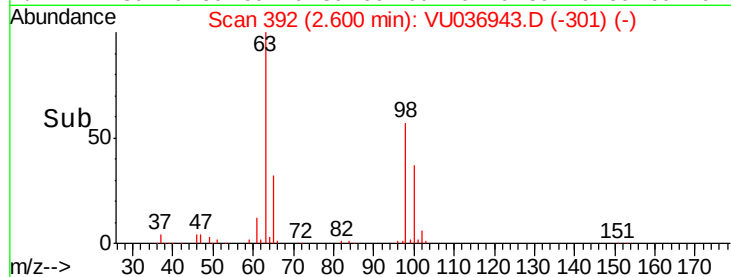
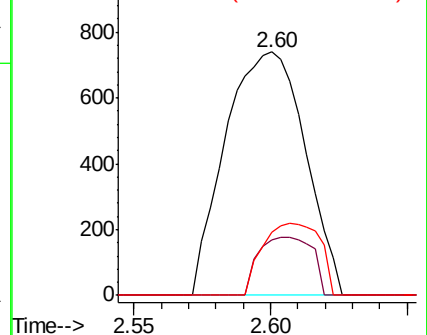
151 21.2 52.4 78.6#



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: 1.988 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

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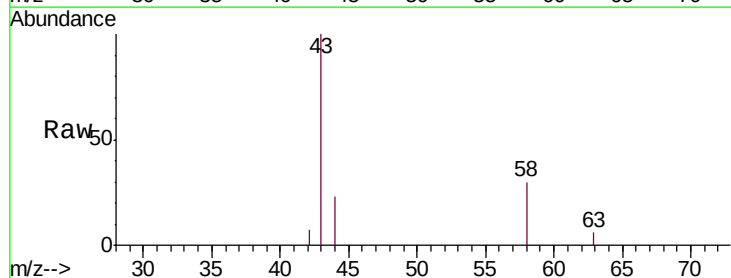
Acq: 27 Feb 2020 15:03

Tgt Ion: 43 Resp: 3127

Ion Ratio Lower Upper

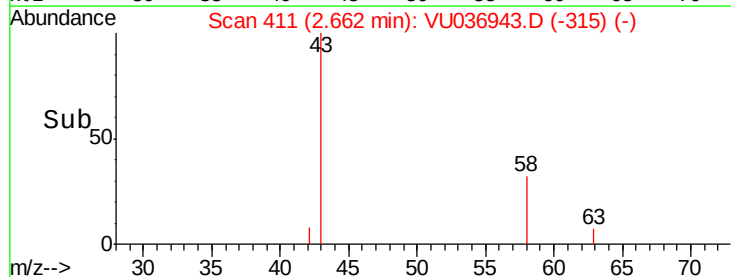
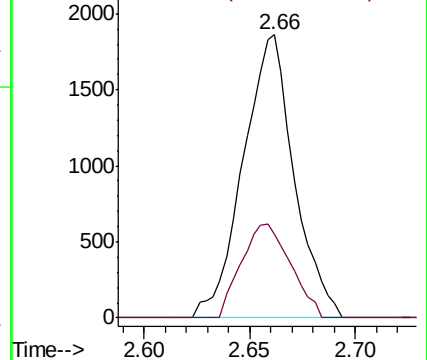
43 100

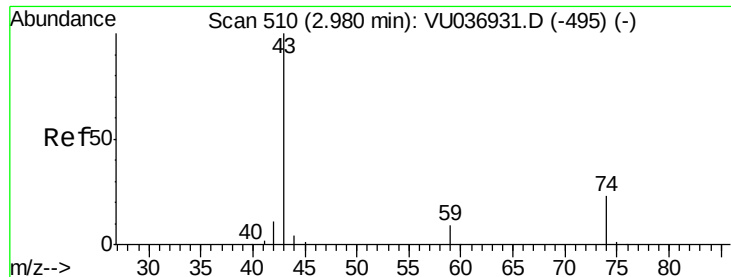
58 31.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

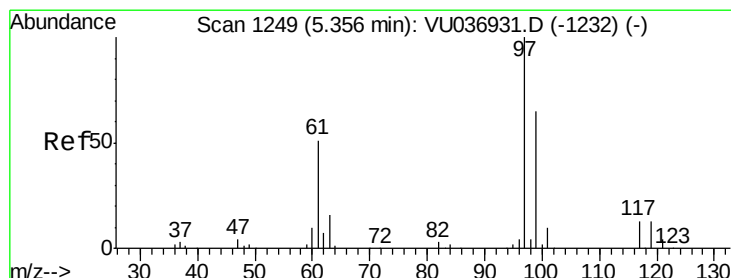
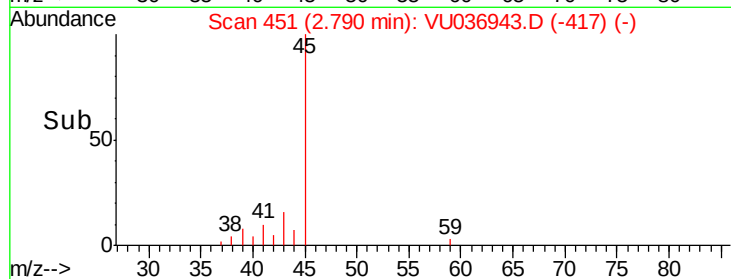
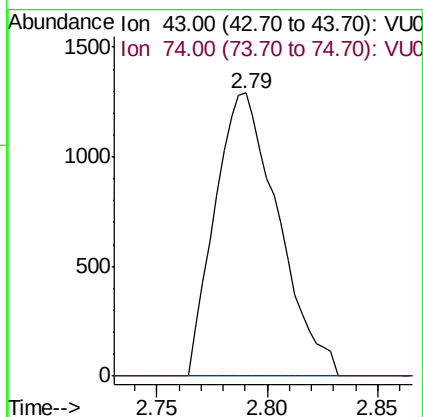
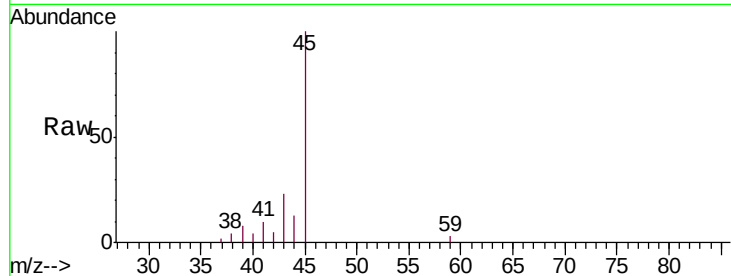




#15
Methyl Acetate
Concen: 1.072 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU036943.D
Acq: 27 Feb 2020 15:03

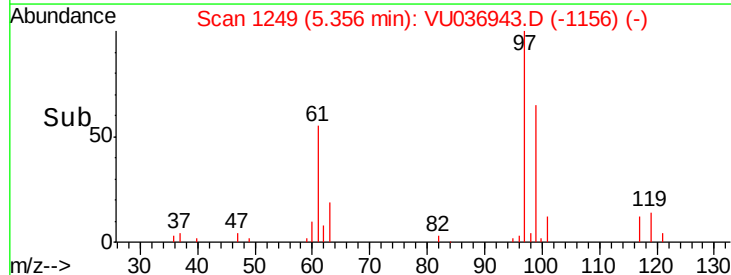
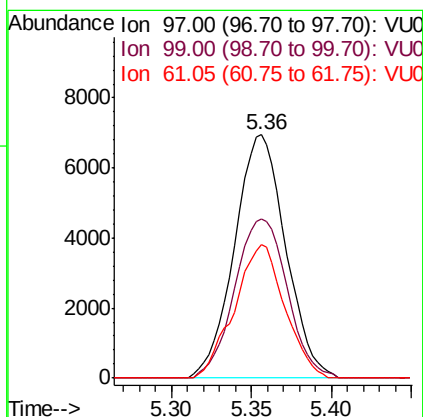
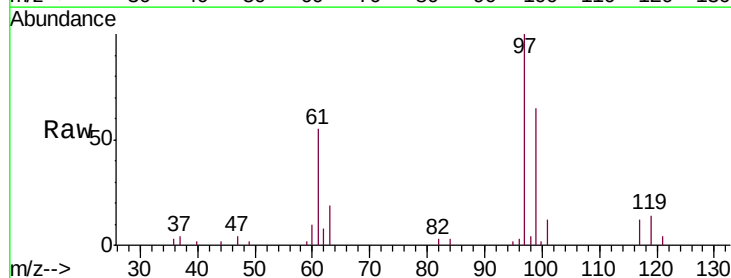
Instrument :
MSVOA_U
ClientSampled :
C0AS5

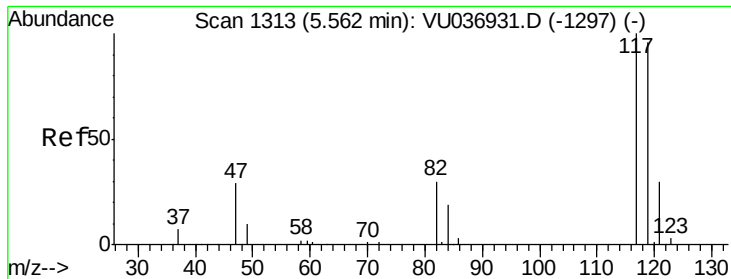
Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#30
1,1,1-Trichloroethane
Concen: 5.531 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU036943.D
Acq: 27 Feb 2020 15:03

Tgt Ion: 97 Resp: 15231
Ion Ratio Lower Upper
97 100
99 67.1 50.4 75.6
61 53.8 40.3 60.5





#31

Carbon tetrachloride

Concen: 0.946 ug/L

RT: 5.36 min Scan# 1250

Delta R.T. -0.20 min

Lab File: VU036943.D

Acq: 27 Feb 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

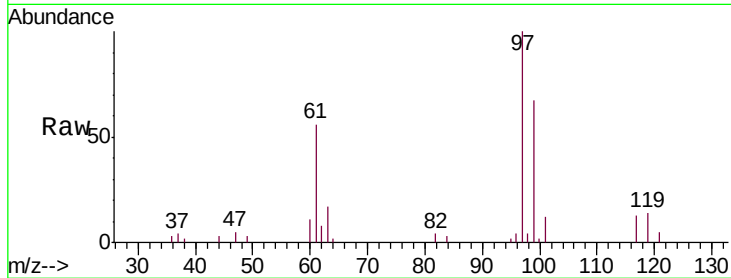
C0AS5

Tgt Ion: 117 Resp: 2041

Ion Ratio Lower Upper

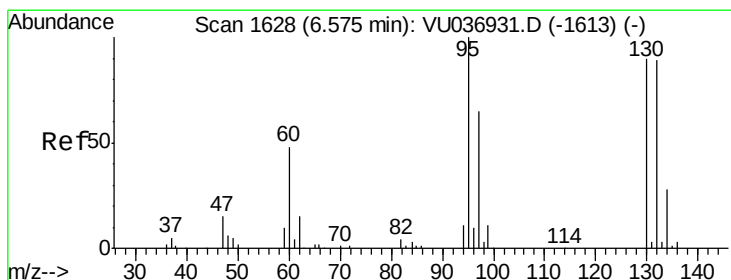
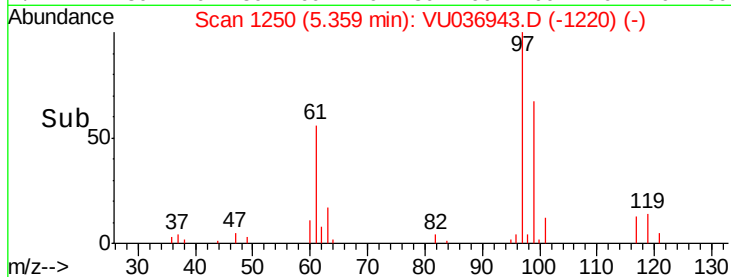
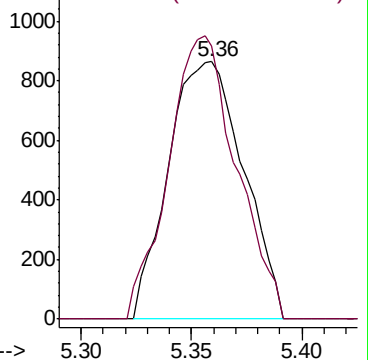
117 100

119 99.6 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: 12.899 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036943.D

Acq: 27 Feb 2020 15:03

Tgt Ion: 95 Resp: 25727

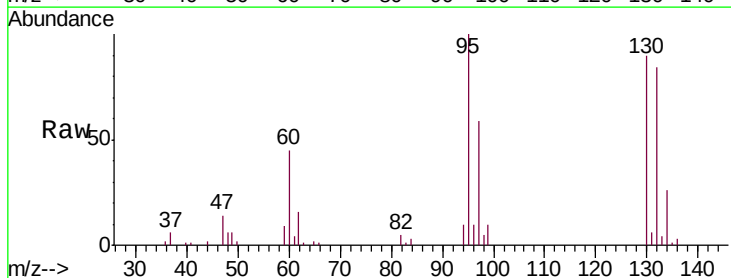
Ion Ratio Lower Upper

95 100

97 59.3 44.1 81.9

132 83.8 60.6 112.6

130 90.3 64.9 120.5

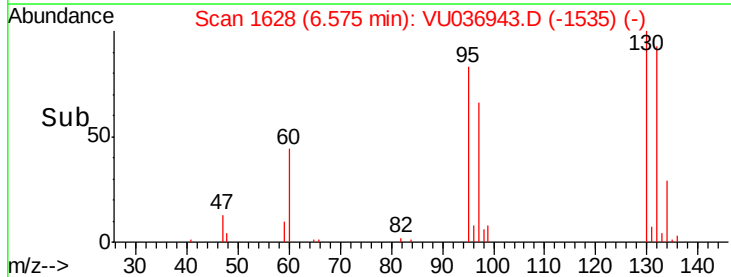
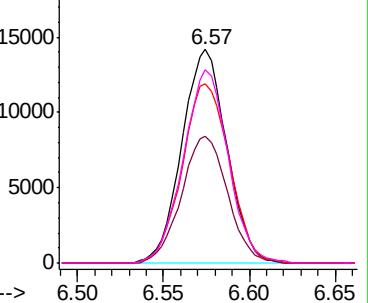


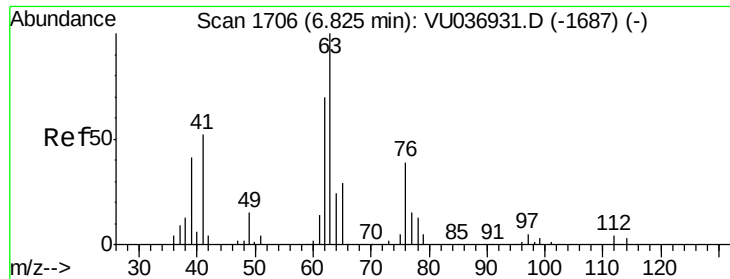
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

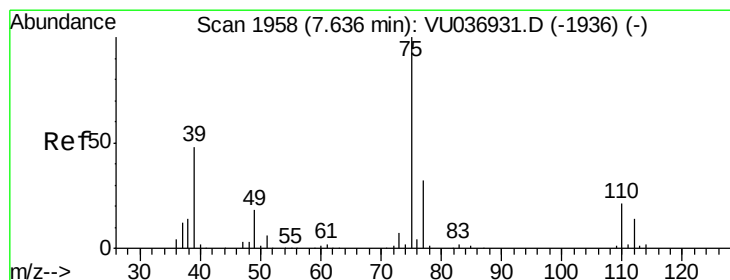
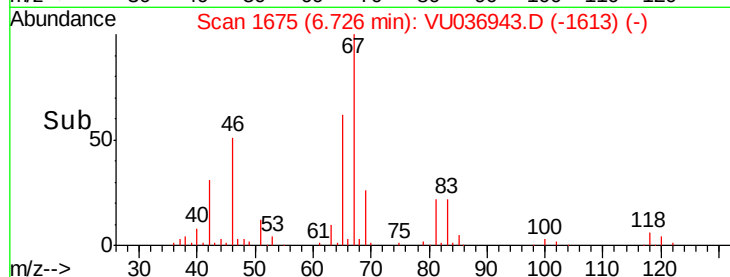
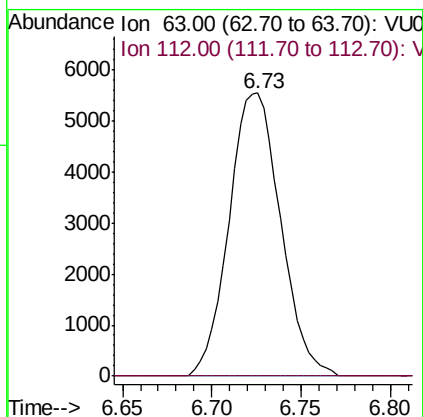
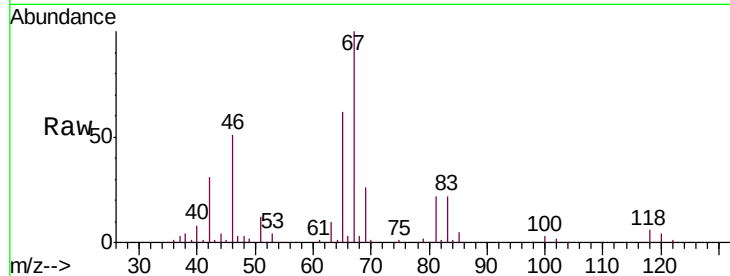




#37
 1,2-Dichloropropane
 Concen: 5.117 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036943.D
 Acq: 27 Feb 2020 15:03

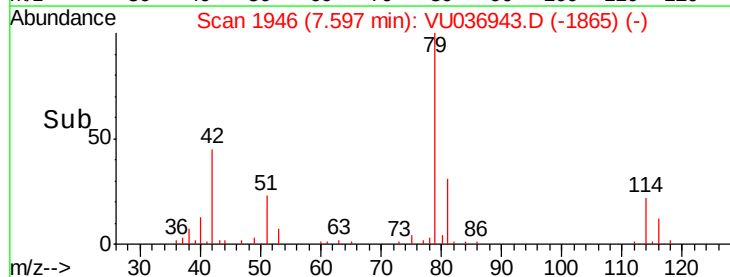
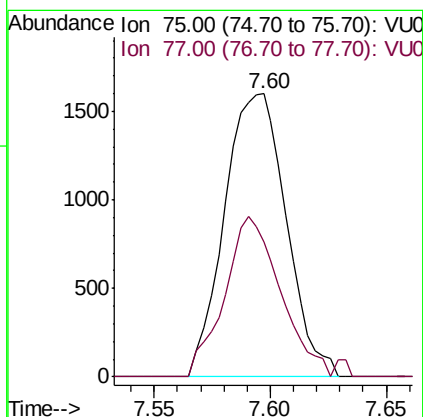
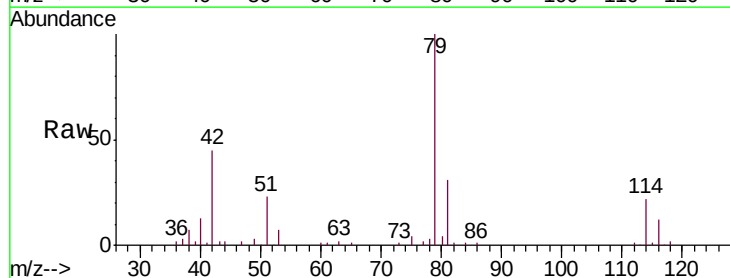
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS5

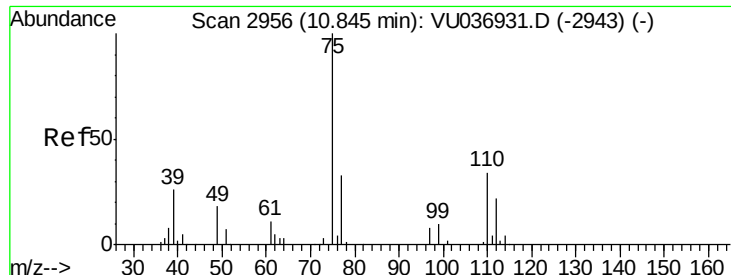
Tgt Ion: 63 Resp: 11181
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.879 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036943.D
 Acq: 27 Feb 2020 15:03

Tgt Ion: 75 Resp: 2958
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.111 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036943.D

Acq: 27 Feb 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

C0AS5

Tgt Ion: 75 Resp: 14365

Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.2

