

Data File : VU036974.D
Acq On : 28 Feb 2020 15:30
Operator : JC/MD
Sample : L1730-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XT7

Quant Time: Feb 29 00:35:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	250220	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86219	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.06%
7) Chloroethane-d5	1.93	69	79244	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.16%
11) 1,1-Dichloroethene-d2	2.59	63	113133	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.67	46	152201	107.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	5.11	84	154678	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	106824	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.76	84	338652	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.72	67	110392	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.66%
41) Toluene-d8	7.92	98	305141	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	47133	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.56%
47) 2-Hexanone-d5	8.66	63	108828	100.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	154251	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	90840	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%

Target Compounds

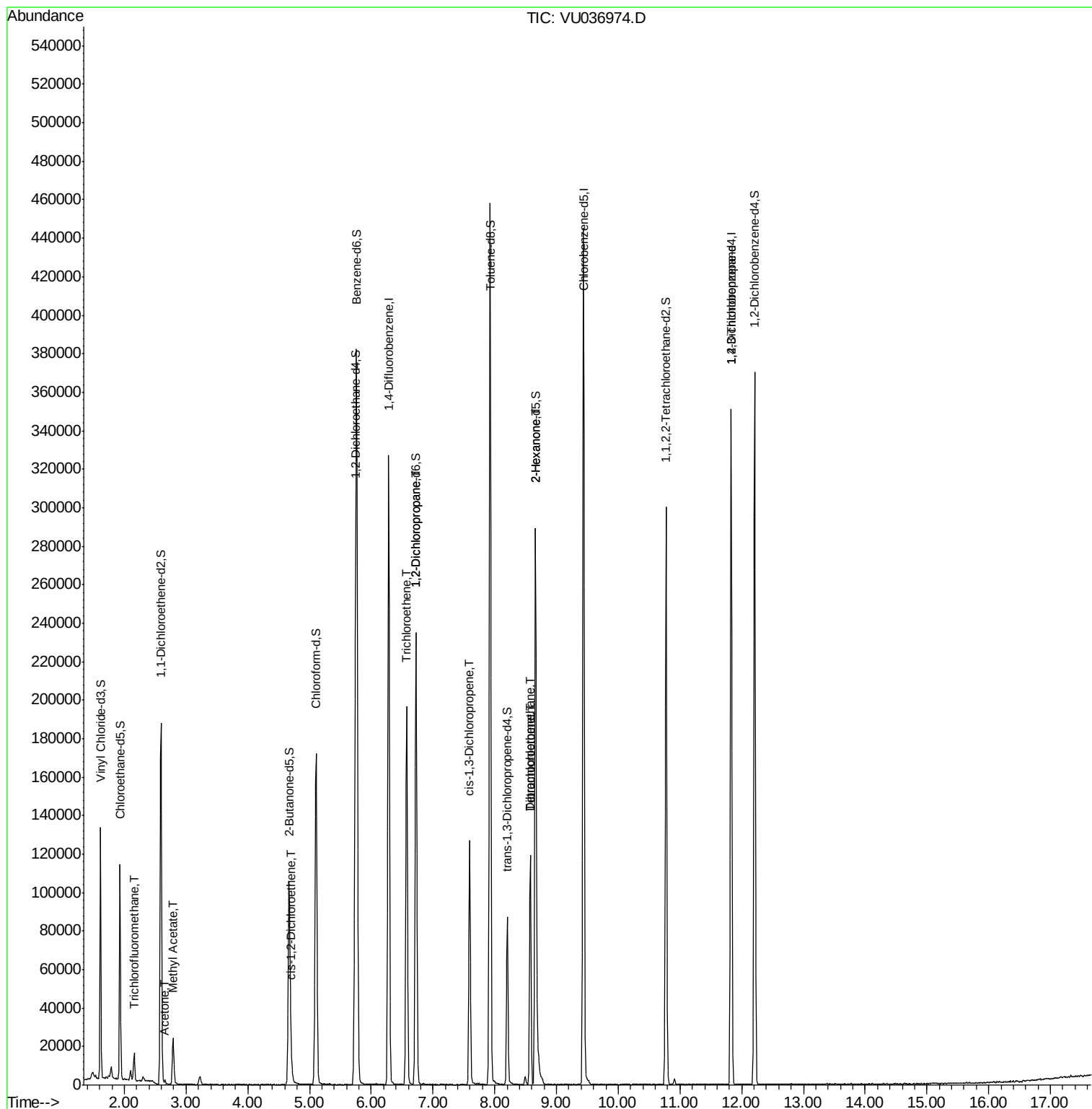
					Qvalue
9) Trichlorofluoromethane	2.16	101	8323	3.116 ug/L	96
13) Acetone	2.66	43	2625	1.811 ug/L	90
15) Methyl Acetate	2.79	43	6359	2.878 ug/L #	52
20) cis-1,2-Dichloroethene	4.71	96	3079	1.586 ug/L	88
34) Trichloroethene	6.57	95	66726	36.340 ug/L	99
37) 1,2-Dichloropropane	6.73	63	12212	6.071 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2844	0.918 ug/L #	48
46) Tetrachloroethene	8.57	164	24085	19.911 ug/L	96
48) 2-Hexanone	8.66	43	12789	5.407 ug/L #	71
49) Dibromochloromethane	8.57	129	25177	14.829 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	12957	5.007 ug/L	91

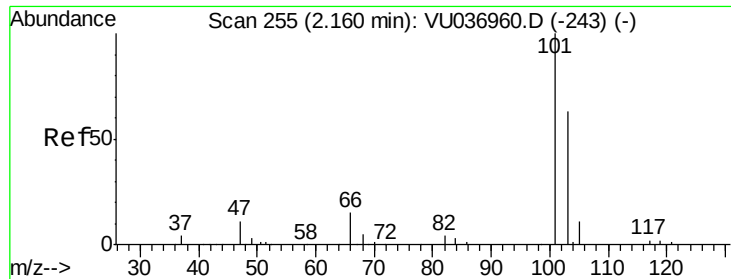
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU036974.D
Acq On : 28 Feb 2020 15:30
Operator : JC/MD
Sample : L1730-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XT7

Quant Time: Feb 29 00:35:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

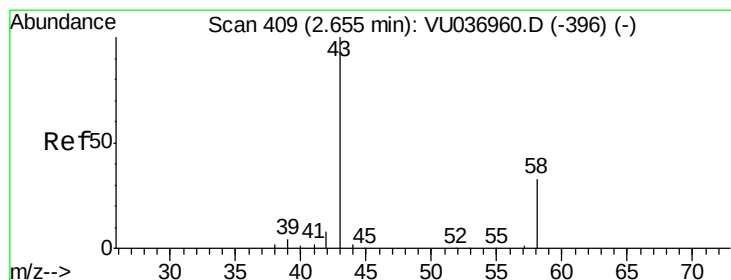
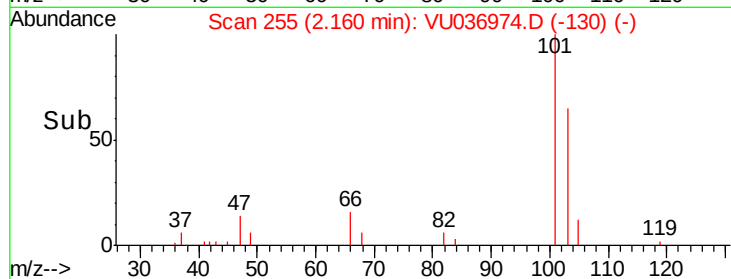
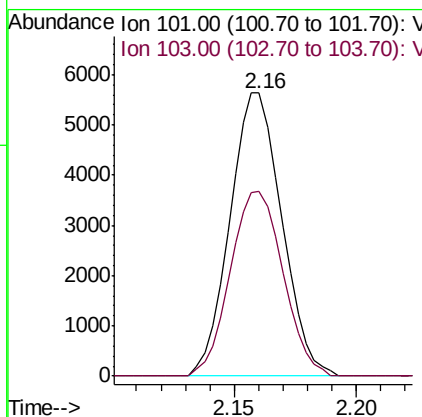
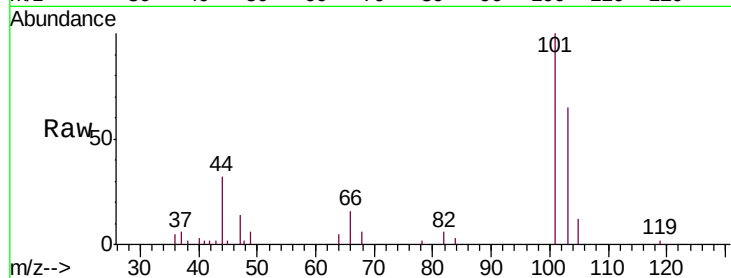




#9
 Trichlorofluoromethane
 Concen: 3.116 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036974.D
 Acq: 28 Feb 2020 15:30

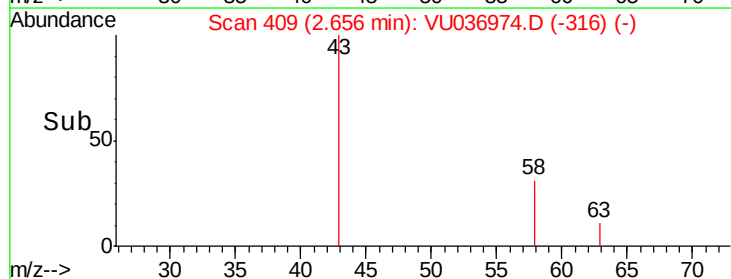
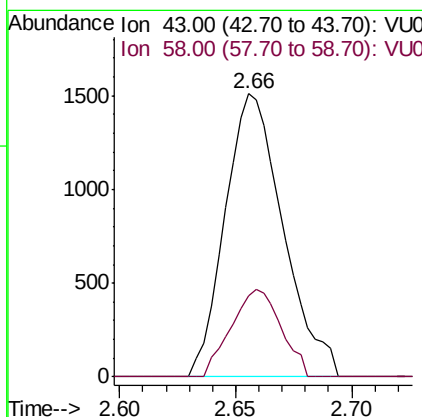
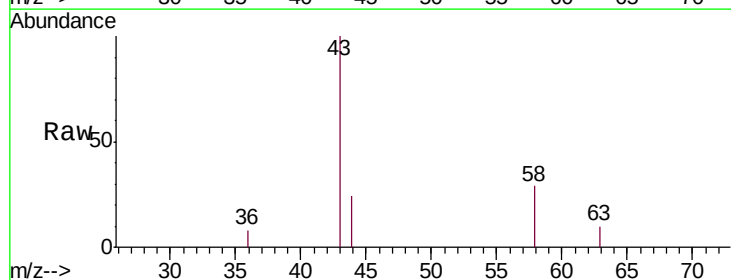
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XT7

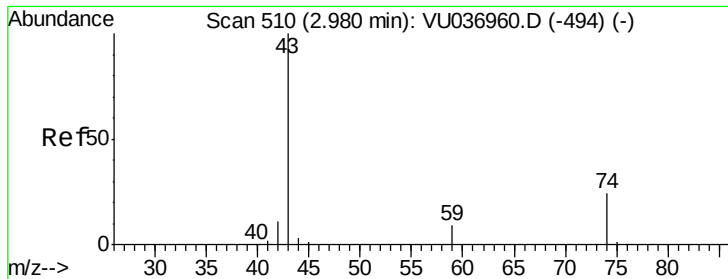
Tgt Ion: 101 Resp: 8323
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.9 76.3



#13
 Acetone
 Concen: 1.811 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU036974.D
 Acq: 28 Feb 2020 15:30

Tgt Ion: 43 Resp: 2625
 Ion Ratio Lower Upper
 43 100
 58 26.7 0.0 64.6





#15

Methyl Acetate

Concen: 2.878 ug/L

RT: 2.79 min Scan# 450

Delta R.T. -0.19 min

Lab File: VU036974.D

Acq: 28 Feb 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

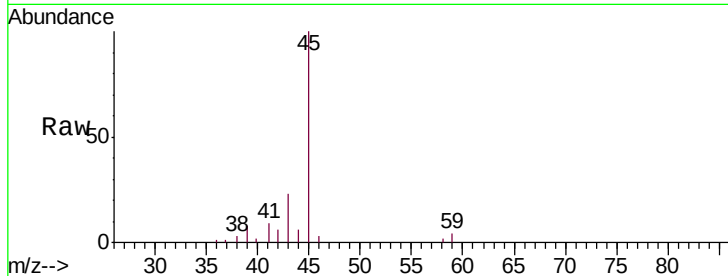
C0XT7

Tgt Ion: 43 Resp: 6359

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

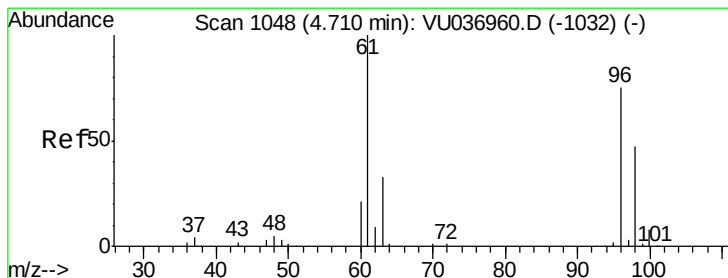
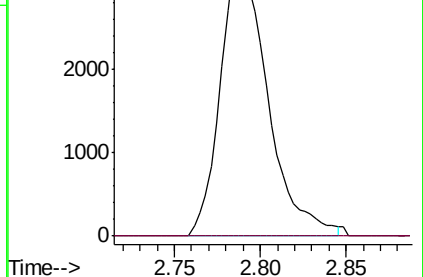
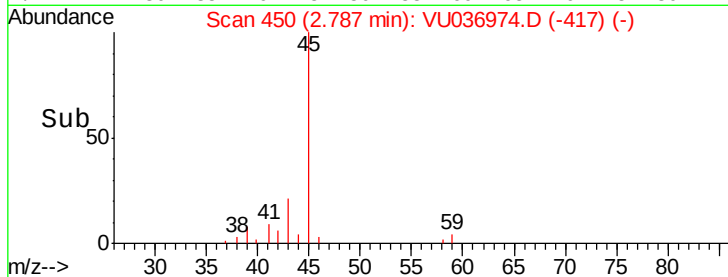


Abundance Ion 43.00 (42.70 to 43.70): VU036974.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036974.D (-417) (-)

2.79

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.586 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU036974.D

Acq: 28 Feb 2020 15:30

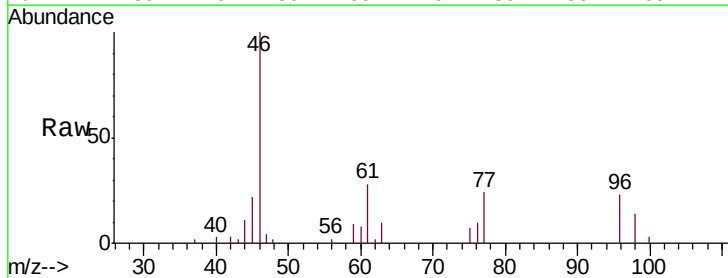
Tgt Ion: 96 Resp: 3079

Ion Ratio Lower Upper

96 100

61 118.9 93.1 172.9

68 0.0 0.0 0.0



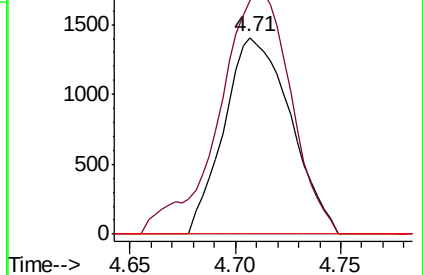
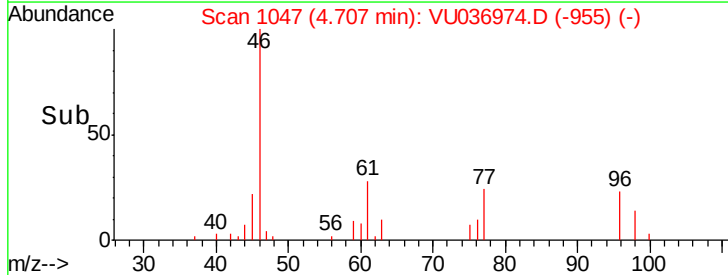
Abundance Ion 96.00 (95.70 to 96.70): VU036974.D (-955) (-)

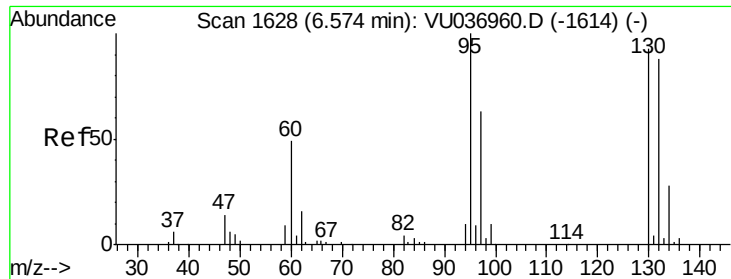
Ion 61.00 (60.70 to 61.70): VU036974.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU036974.D (-955) (-)

4.71

Time-->





#34

Trichloroethene

Concen: 36.340 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036974.D

Acq: 28 Feb 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

C0XT7

Tgt Ion: 95 Resp: 66726

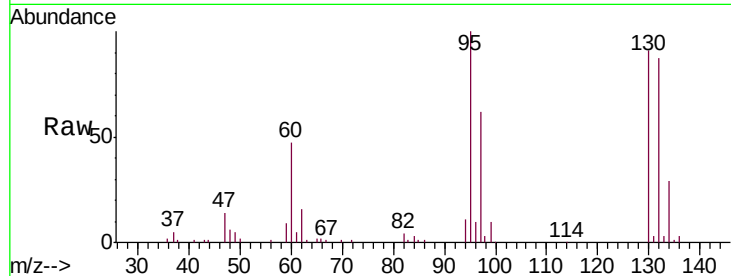
Ion Ratio Lower Upper

95 100

97 62.4 44.1 81.9

132 86.7 60.6 112.6

130 91.4 64.9 120.5

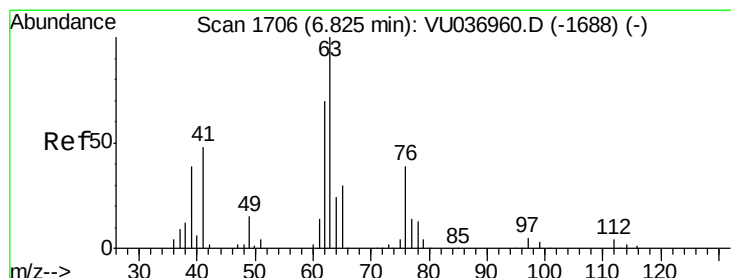
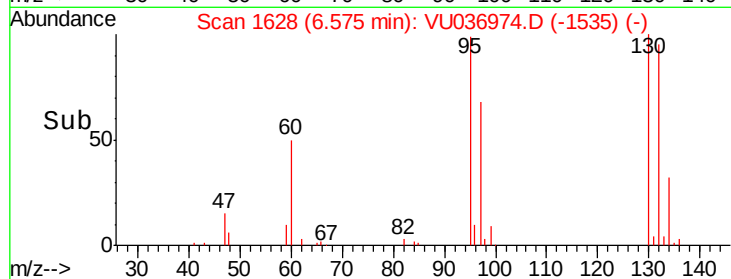
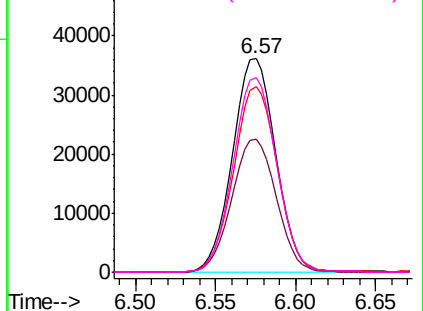


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.071 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036974.D

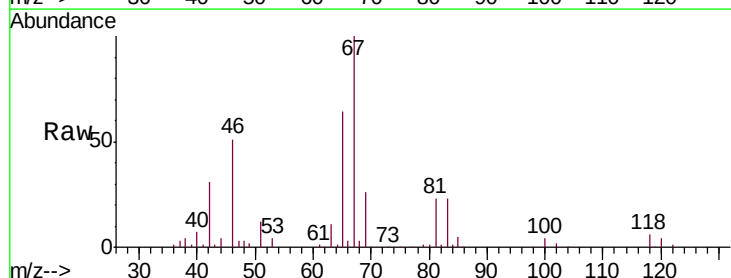
Acq: 28 Feb 2020 15:30

Tgt Ion: 63 Resp: 12212

Ion Ratio Lower Upper

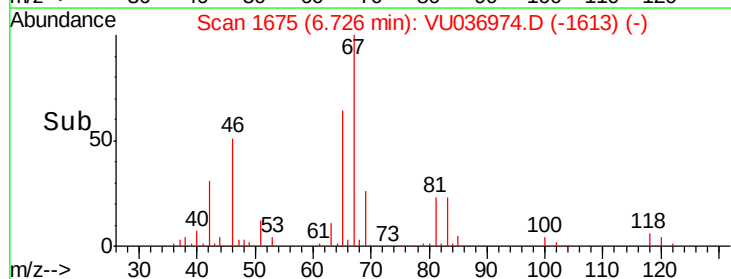
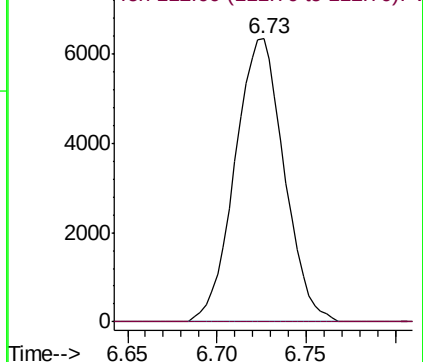
63 100

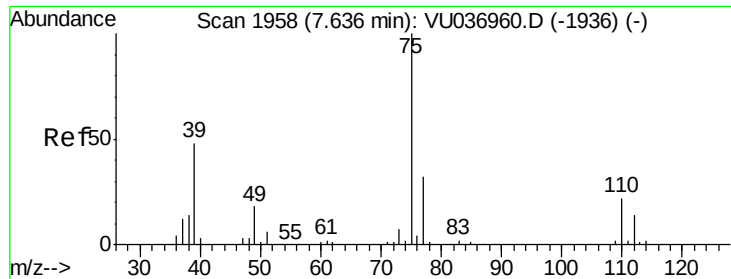
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

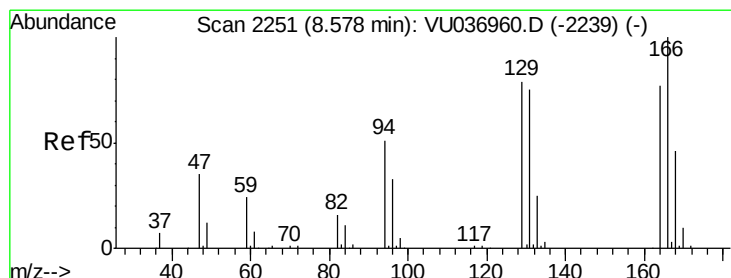
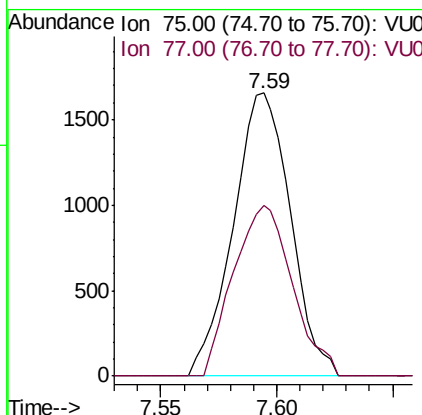
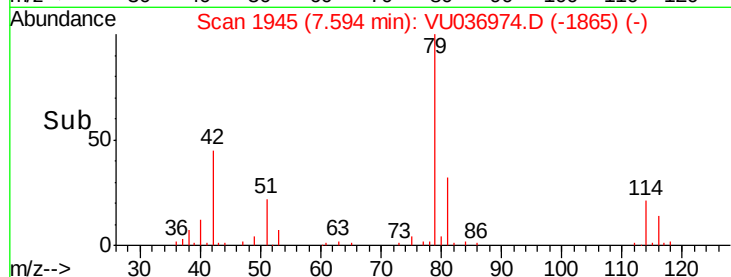
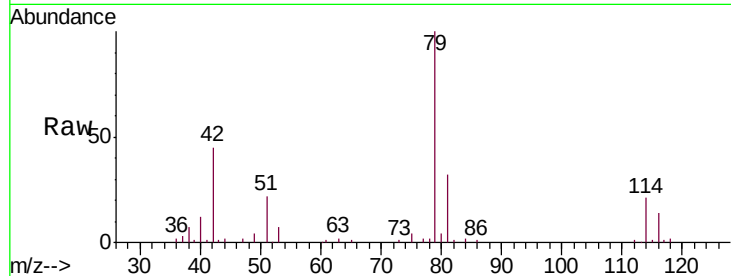




#39
 cis-1,3-Dichloropropene
 Concen: 0.918 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036974.D
 Acq: 28 Feb 2020 15:30

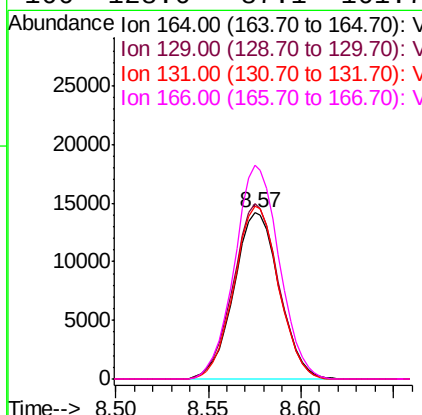
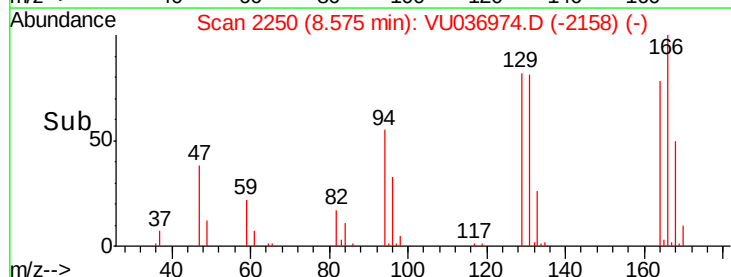
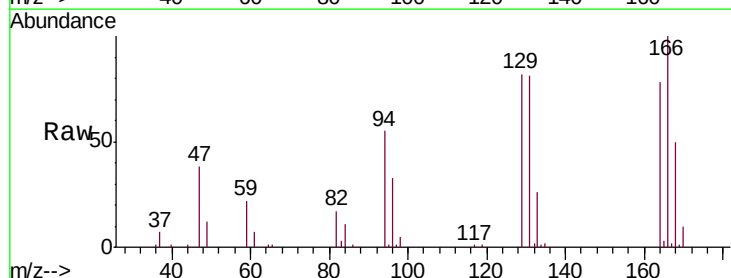
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XT7

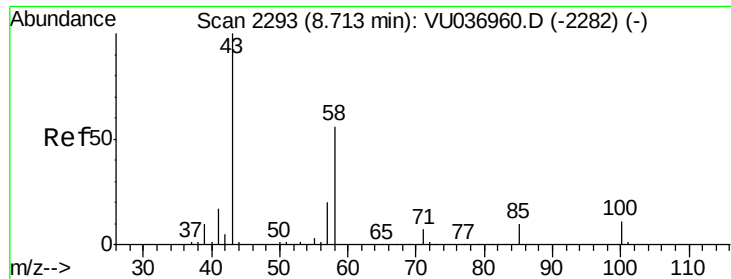
Tgt Ion: 75 Resp: 2844
 Ion Ratio Lower Upper
 75 100
 77 60.4 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 19.911 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036974.D
 Acq: 28 Feb 2020 15:30

Tgt Ion: 164 Resp: 24085
 Ion Ratio Lower Upper
 164 100
 129 105.3 72.0 133.8
 131 104.0 67.9 126.1
 166 128.6 87.1 161.7

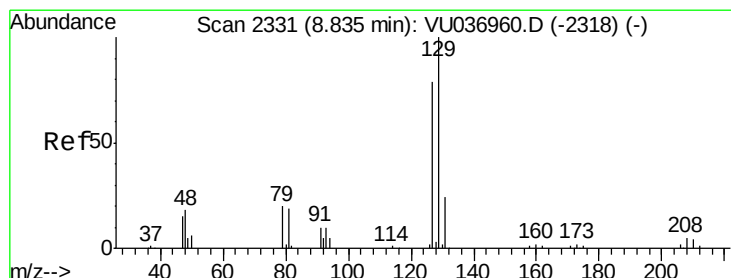
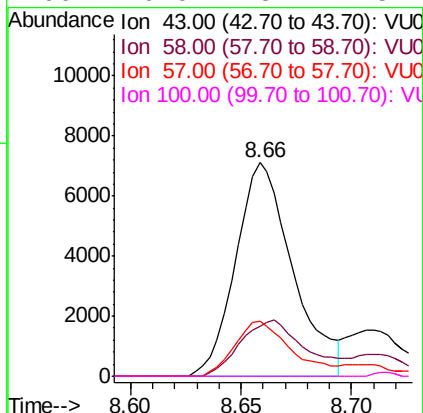
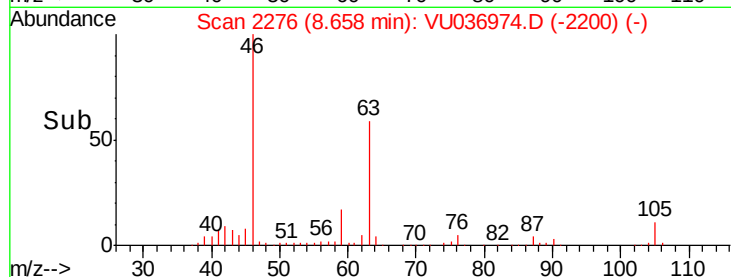
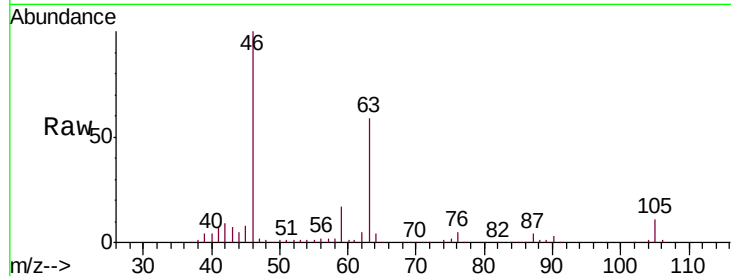




#48
2-Hexanone
Concen: 5.407 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU036974.D
Acq: 28 Feb 2020 15:30

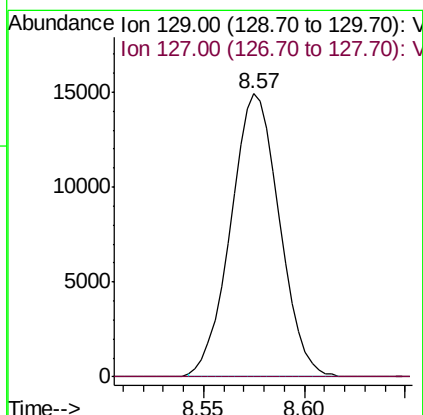
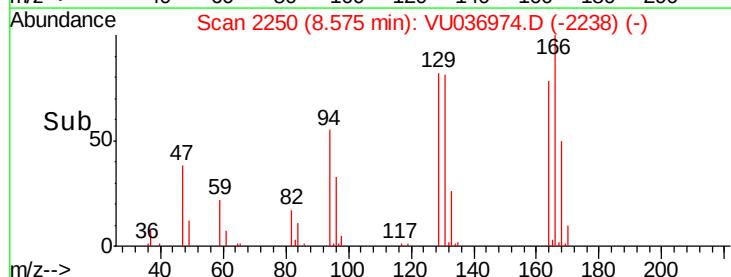
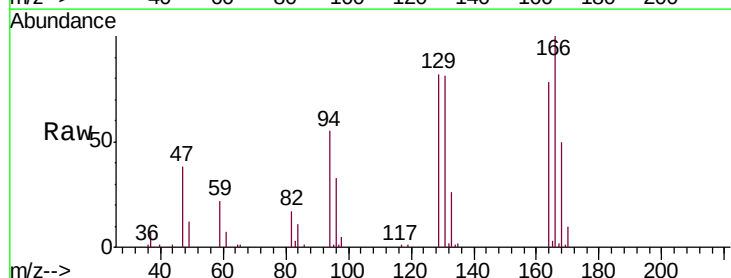
Instrument :
MSVOA_U
ClientSampleId :
C0XT7

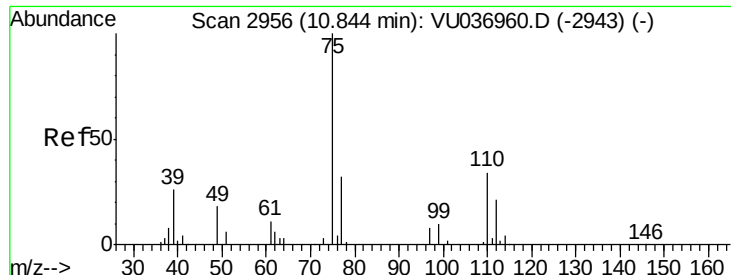
Tgt Ion: 43 Resp: 12789
Ion Ratio Lower Upper
43 100
58 30.5 43.5 65.3#
57 25.8 15.1 22.7#
100 0.0 8.7 13.1#



#49
Dibromochloromethane
Concen: 14.829 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU036974.D
Acq: 28 Feb 2020 15:30

Tgt Ion: 129 Resp: 25177
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#





#59

1,2,3-Trichloropropane

Concen: 5.007 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036974.D

Acq: 28 Feb 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

C0XT7

Tgt Ion: 75 Resp: 12957

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

