

Data File : VU036977.D
Acq On : 28 Feb 2020 17:01
Operator : JC/MD
Sample : L1730-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XW3

Quant Time: Feb 29 00:35:36 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	248709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82927	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	76921	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.02%
11) 1,1-Dichloroethene-d2	2.59	63	109954	31.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.88%
21) 2-Butanone-d5	4.67	46	147613	105.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.36%
24) Chloroform-d	5.11	84	148984	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.74	65	102549	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.76	84	326576	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.72	67	107648	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.92	98	295881	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	8.20	79	45582	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.66	63	106854	98.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151389	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	88938	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

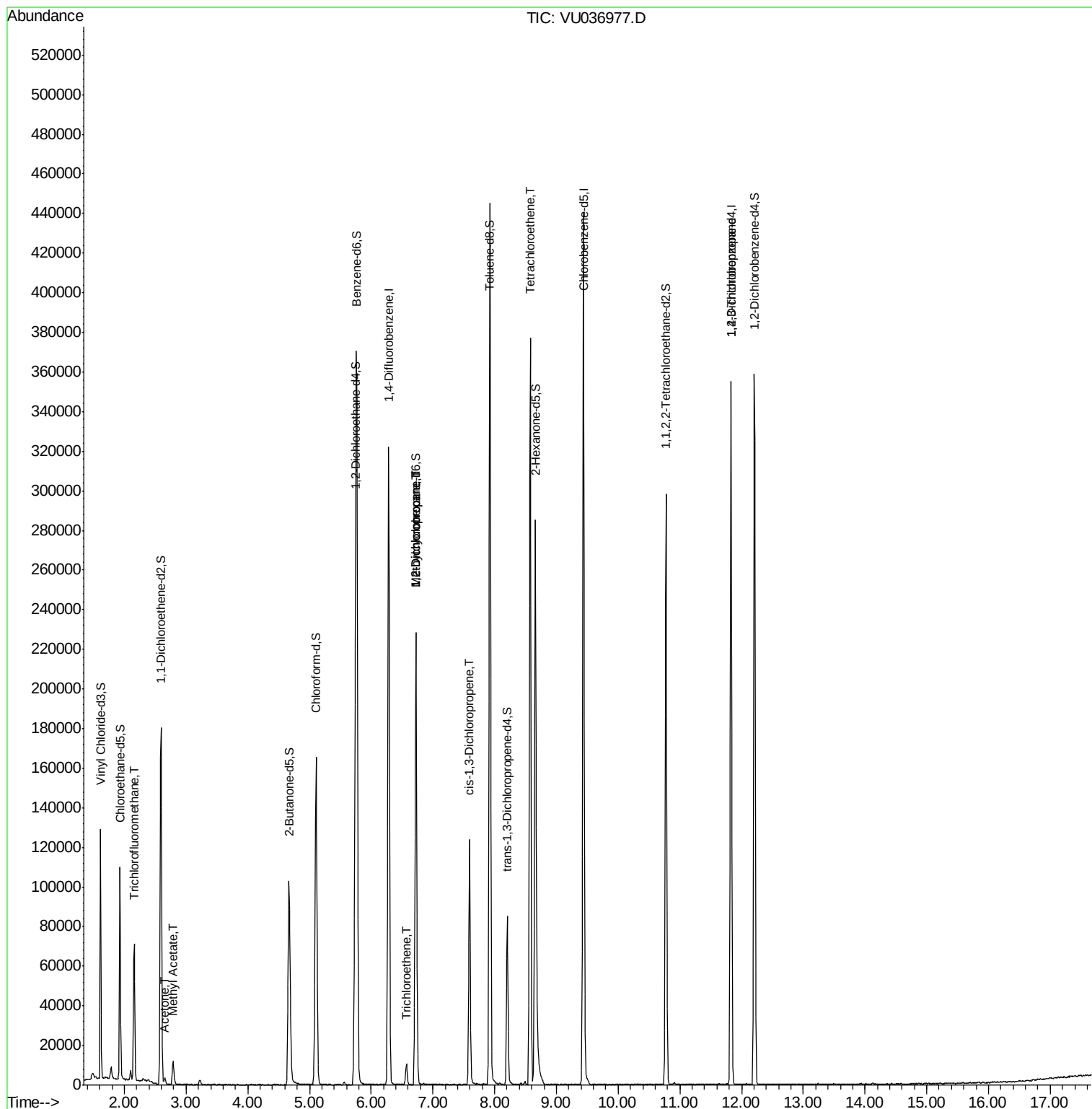
						Qvalue
9) Trichlorofluoromethane	2.16	101	42375	15.960	ug/L	99
13) Acetone	2.66	43	3496	2.426	ug/L	95
15) Methyl Acetate	2.79	43	3429	1.561	ug/L #	52
34) Trichloroethene	6.57	95	2874	1.562	ug/L	96
35) Methylcyclohexane	6.73	83	24147	7.568	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11818	5.862	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2830	0.911	ug/L #	48
46) Tetrachloroethene	8.57	164	76260	62.904	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	13317	5.135	ug/L	95

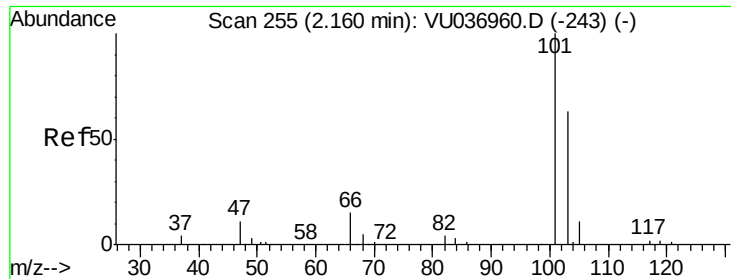
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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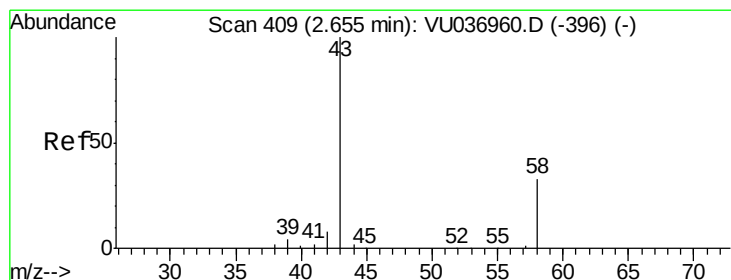
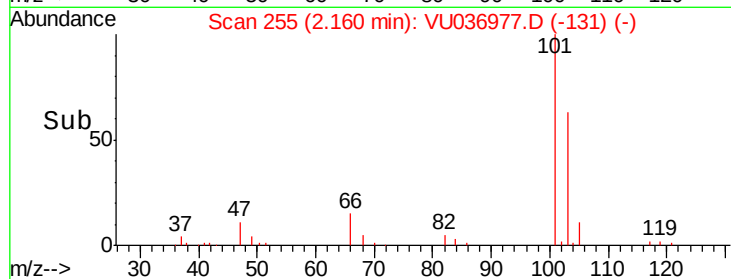
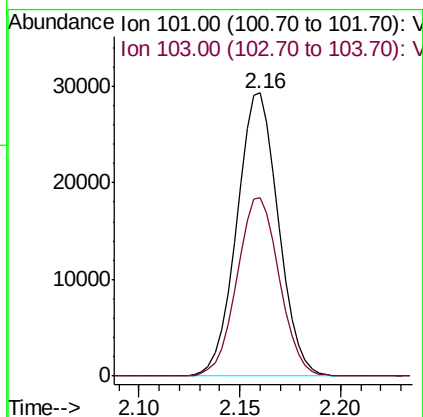
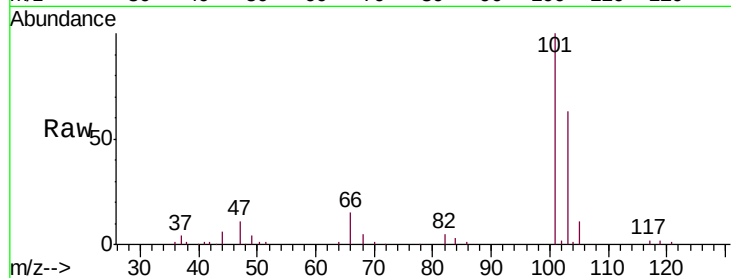




#9
 Trichlorofluoromethane
 Concen: 15.960 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036977.D
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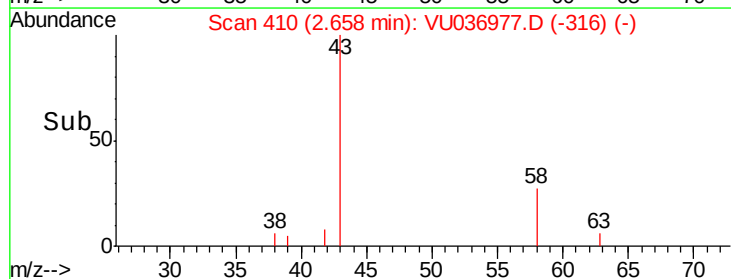
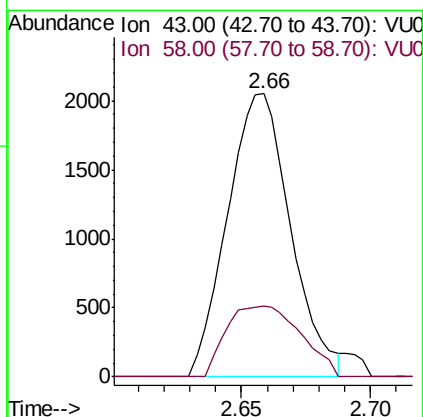
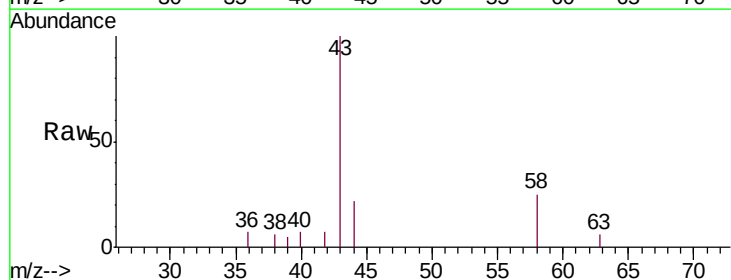
Instrument :
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 C0XW3

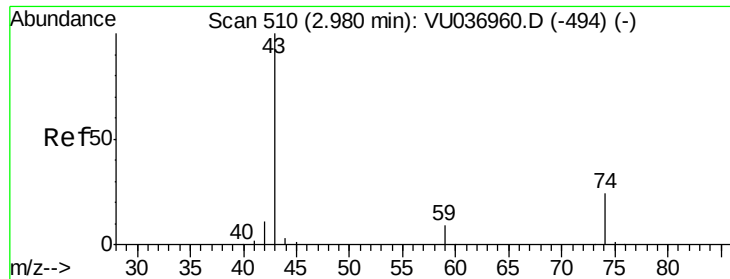
Tgt Ion:101 Resp: 42375
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.9 76.3



#13
 Acetone
 Concen: 2.426 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU036977.D
 Acq: 28 Feb 2020 17:01

Tgt Ion: 43 Resp: 3496
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 64.6

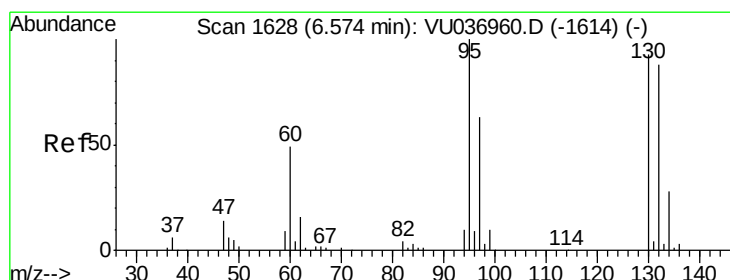
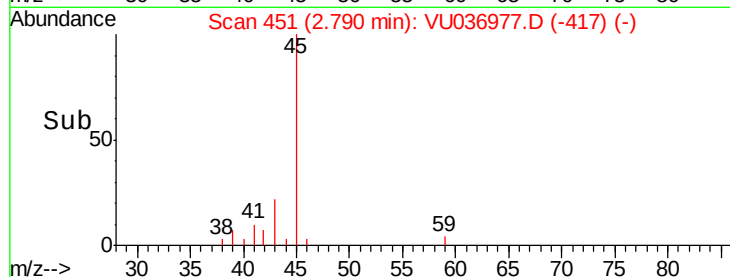
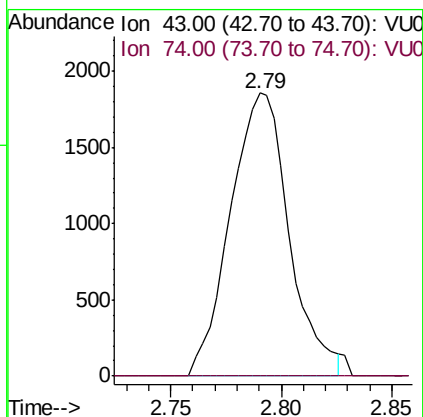
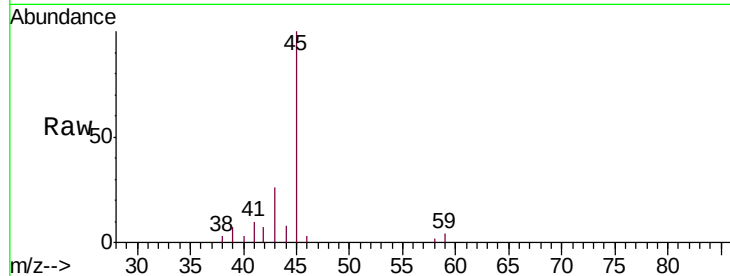




#15
Methyl Acetate
Concen: 1.561 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU036977.D
Acq: 28 Feb 2020 17:01

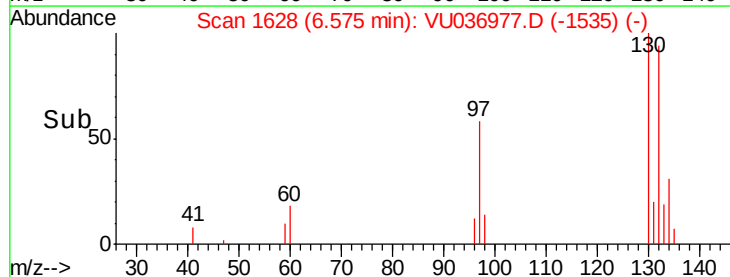
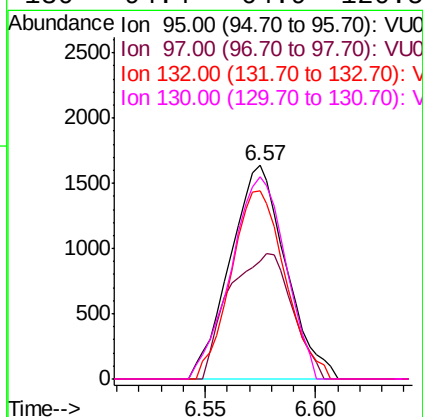
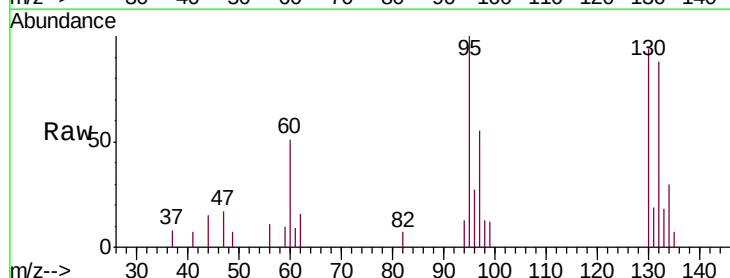
Instrument :
MSVOA_U
ClientSampleId :
C0XW3

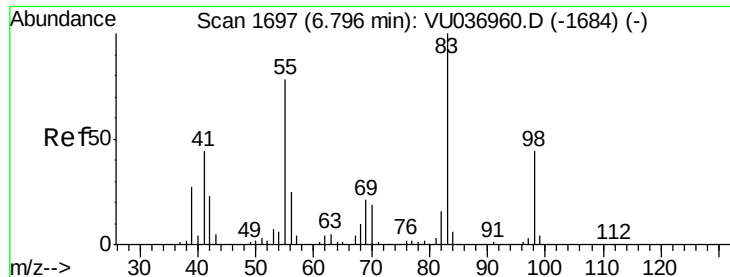
Tgt Ion: 43 Resp: 3429
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#34
Trichloroethene
Concen: 1.562 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036977.D
Acq: 28 Feb 2020 17:01

Tgt Ion: 95 Resp: 2874
Ion Ratio Lower Upper
95 100
97 55.0 44.1 81.9
132 88.3 60.6 112.6
130 94.4 64.9 120.5

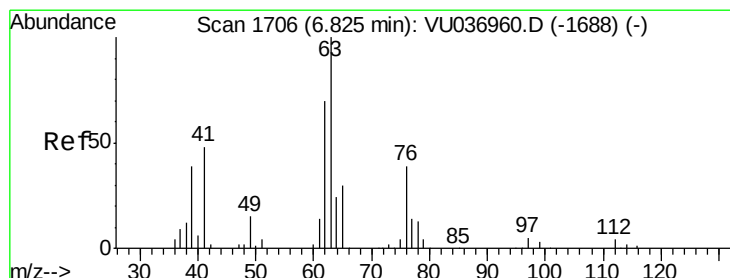
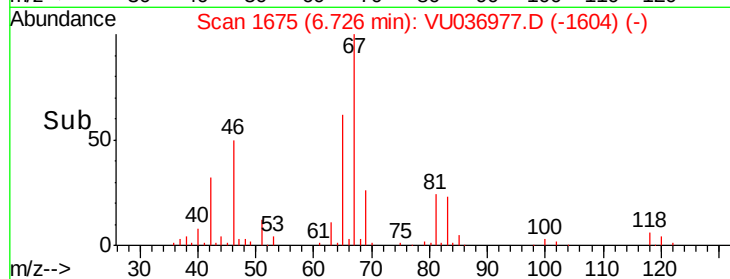
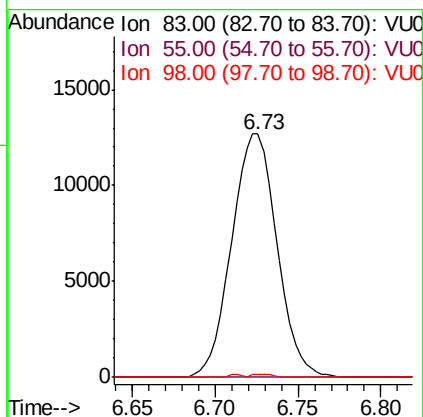
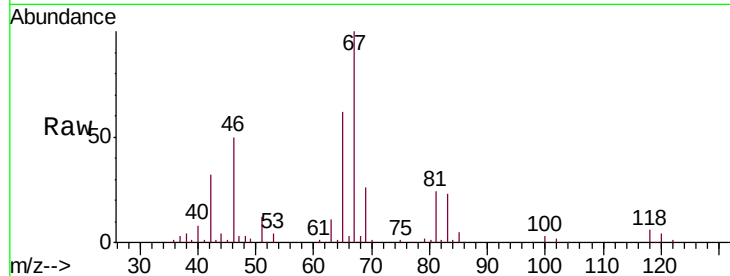




#35
Methylcyclohexane
Concen: 7.568 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036977.D
Acq: 28 Feb 2020 17:01

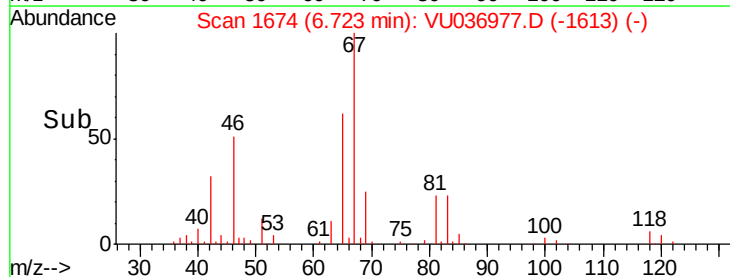
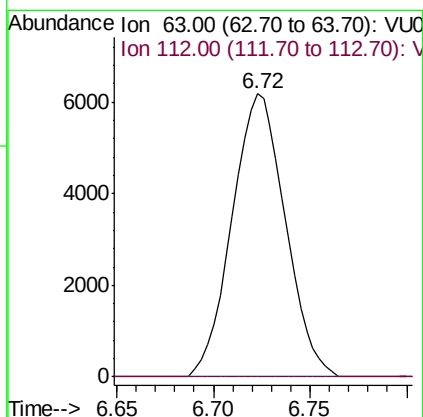
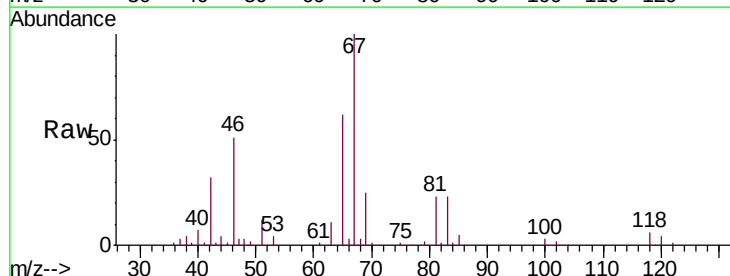
Instrument :
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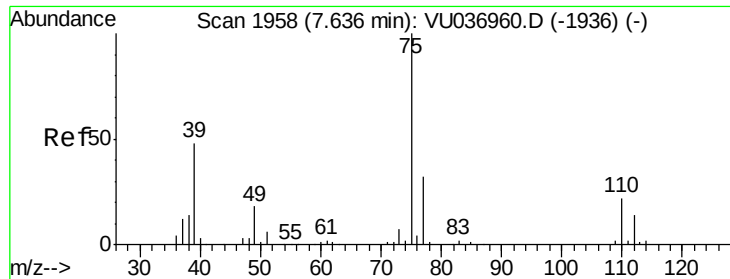
Tgt Ion: 83 Resp: 24147
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.6 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.862 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036977.D
Acq: 28 Feb 2020 17:01

Tgt Ion: 63 Resp: 11818
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

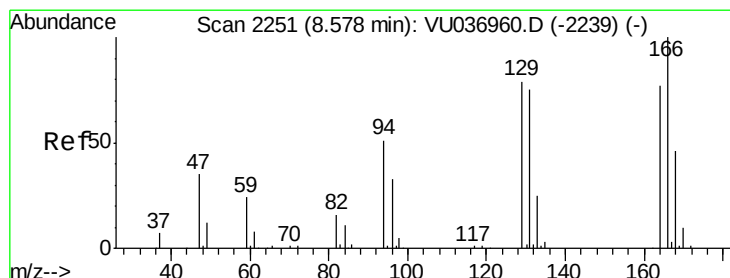
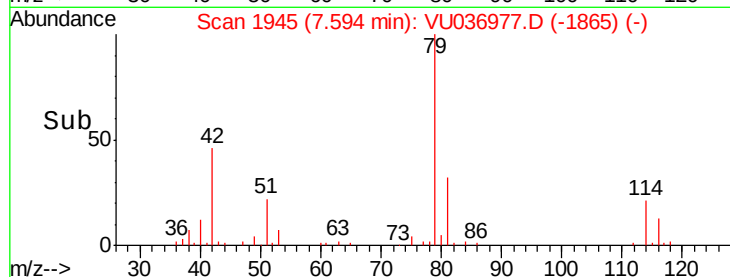
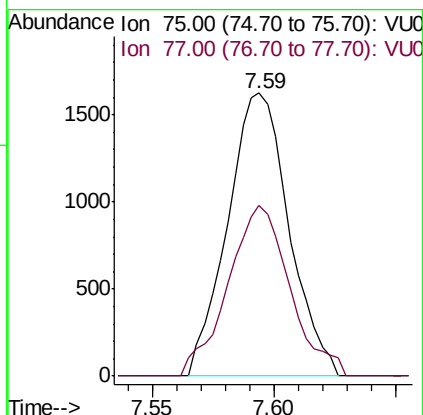
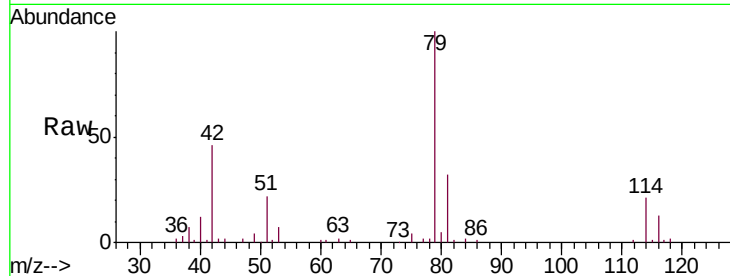




#39
 cis-1,3-Dichloropropene
 Concen: 0.911 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036977.D
 Acq: 28 Feb 2020 17:01

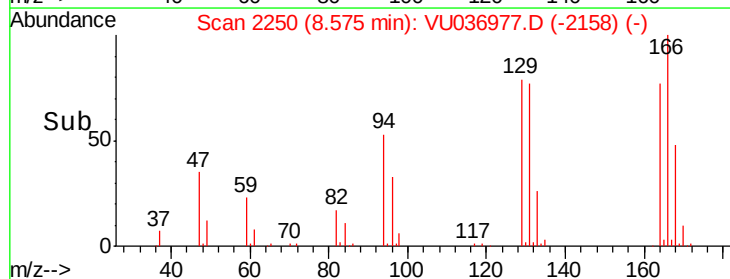
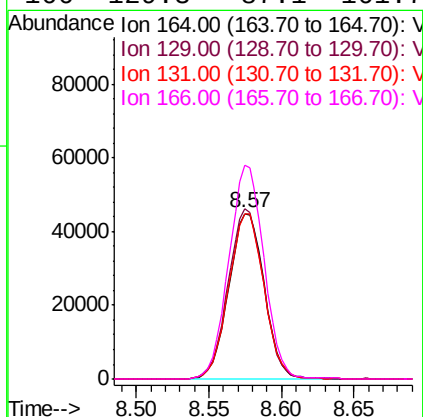
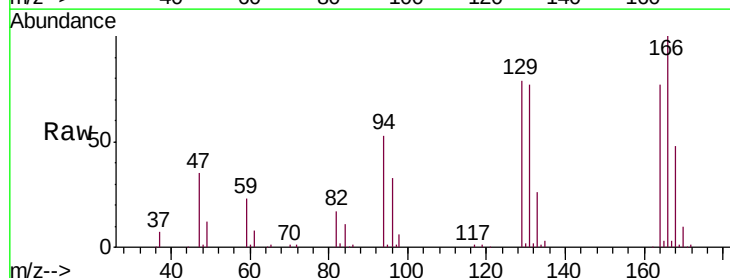
Instrument :
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 ClientSampleId :
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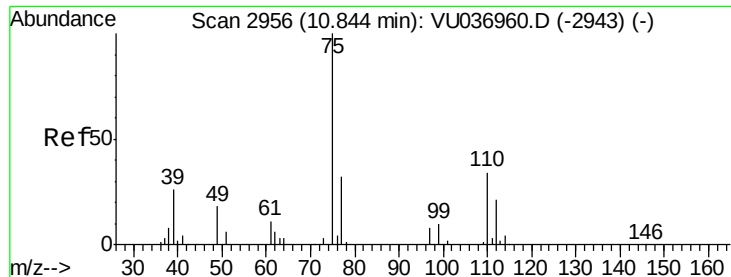
Tgt Ion: 75 Resp: 2830
 Ion Ratio Lower Upper
 75 100
 77 60.4 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 62.904 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036977.D
 Acq: 28 Feb 2020 17:01

Tgt Ion: 164 Resp: 76260
 Ion Ratio Lower Upper
 164 100
 129 102.8 72.0 133.8
 131 100.2 67.9 126.1
 166 129.3 87.1 161.7





#59

1,2,3-Trichloropropane

Concen: 5.135 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036977.D

Acq: 28 Feb 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

C0XW3

Tgt Ion: 75 Resp: 13317

Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2

