

Data File : VU036796.D
Acq On : 14 Feb 2020 18:59
Operator : JC/MD
Sample : L1537-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ9

Quant Time: Feb 14 23:44:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	122287	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	114820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41184	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.93	69	39226	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.59	63	57743	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.67	46	118345	53.66	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	5.11	84	76042	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	43611	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	162006	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	52675	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.93	98	145688	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.21	79	18190	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	98551	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41197	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	44118	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

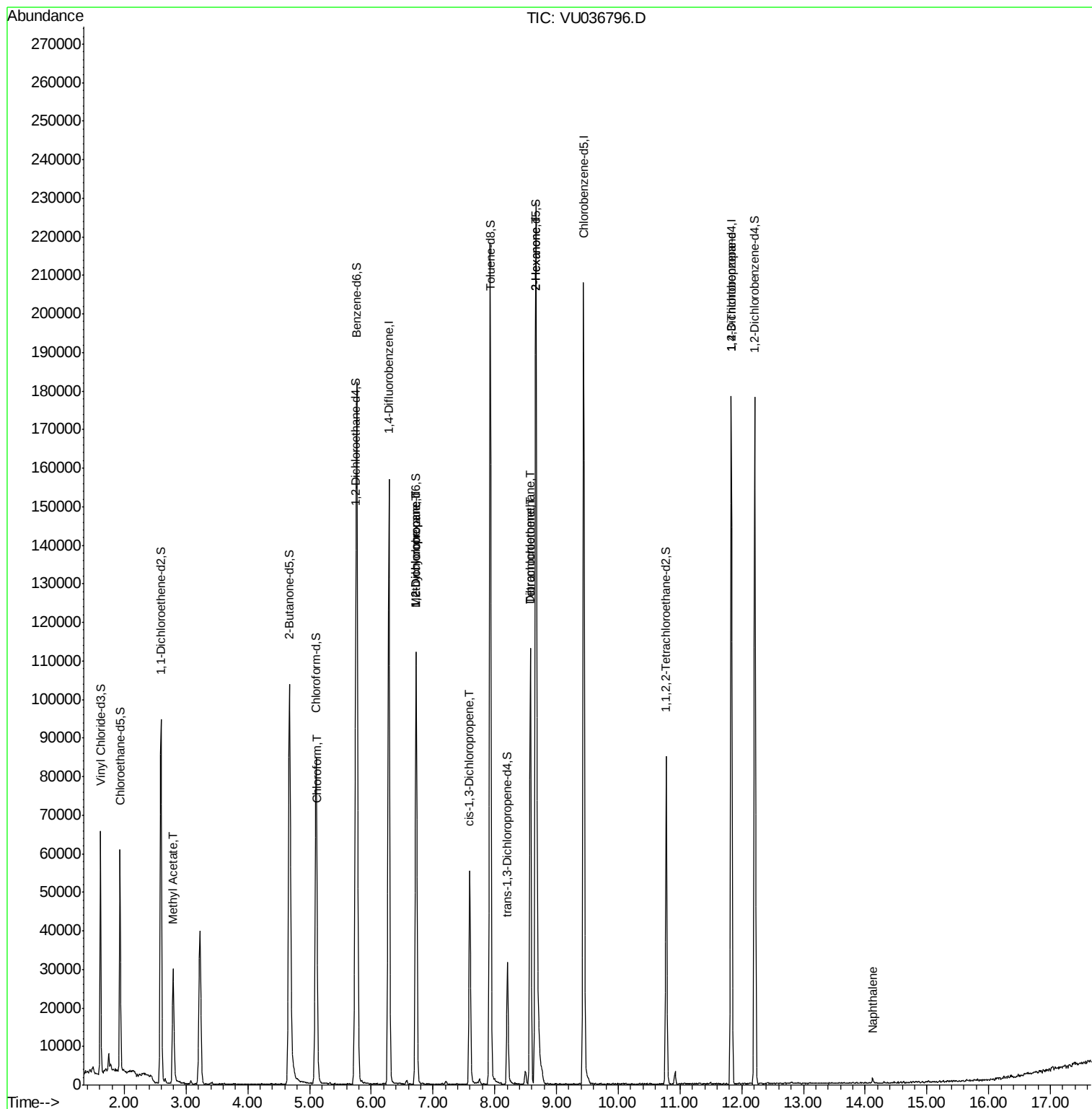
					Qvalue
15) Methyl Acetate	2.79	43	8165	2.182 ug/L #	52
25) Chloroform	5.13	83	2983	0.174 ug/L	99
35) Methylcyclohexane	6.73	83	11374	0.795 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5826	0.602 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1190	0.085 ug/L #	69
47) Tetrachloroethene	8.58	164	22921	3.735 ug/L	97
48) 2-Hexanone	8.66	43	11276	2.112 ug/L #	69
49) Dibromochloromethane	8.58	129	23734	3.411 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	6640	1.040 ug/L	89
69) Naphthalene	14.12	128	1670	0.116 ug/L #	81

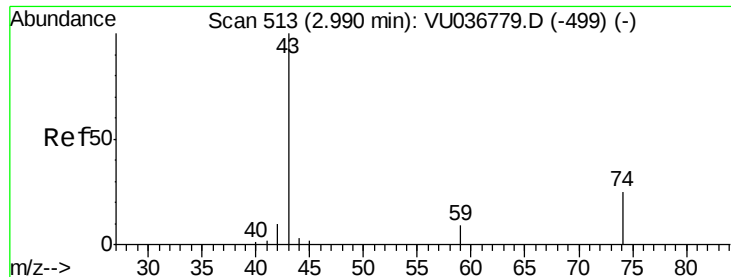
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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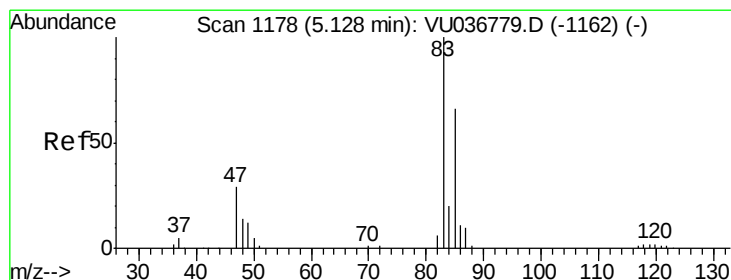
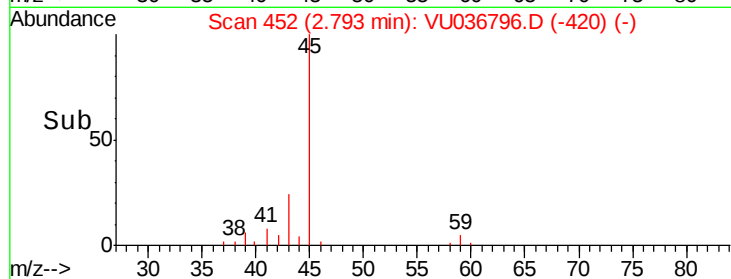
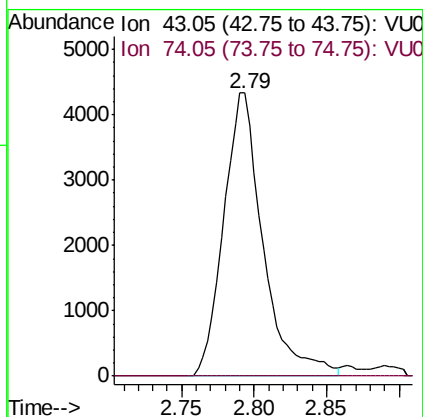
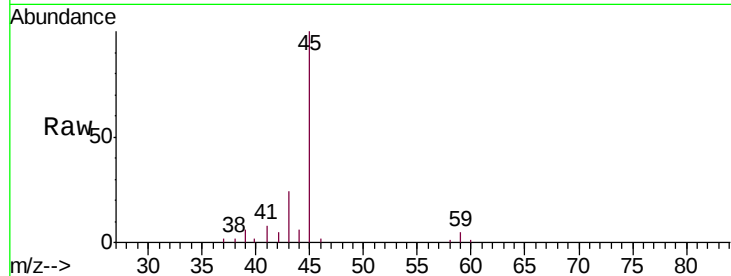




#15
Methyl Acetate
Concen: 2.182 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.20 min
Lab File: VU036796.D
Acq: 14 Feb 2020 18:59

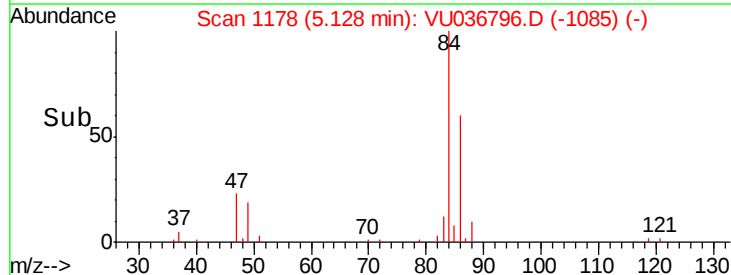
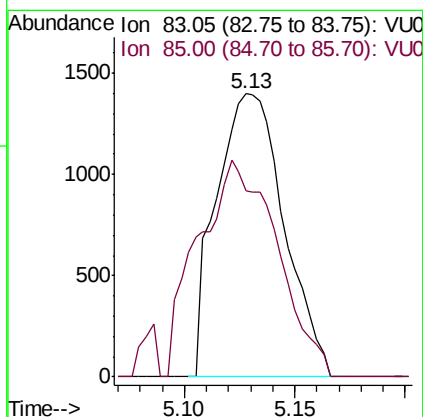
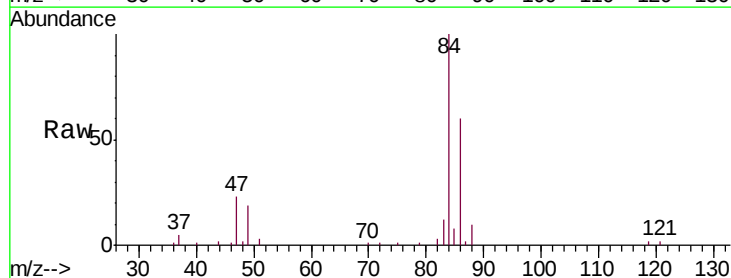
Instrument :
MSVOA_U
ClientSampleId :
C0AQ9

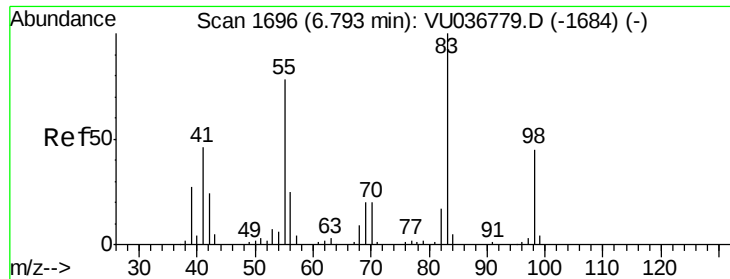
Tgt Ion: 43 Resp: 8165
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#25
Chloroform
Concen: 0.174 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU036796.D
Acq: 14 Feb 2020 18:59

Tgt Ion: 83 Resp: 2983
Ion Ratio Lower Upper
83 100
85 65.8 45.4 84.2

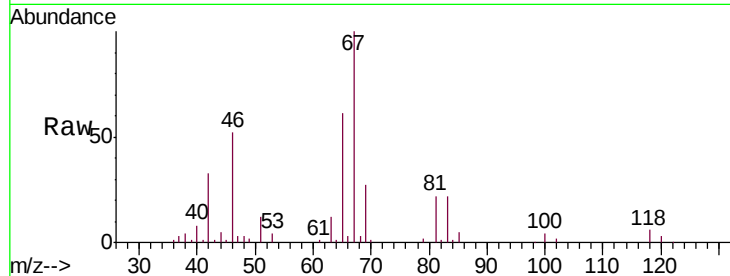




#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036796.D
Acq: 14 Feb 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
C0AQ9

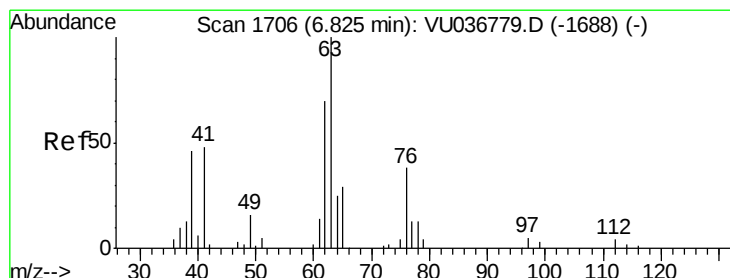
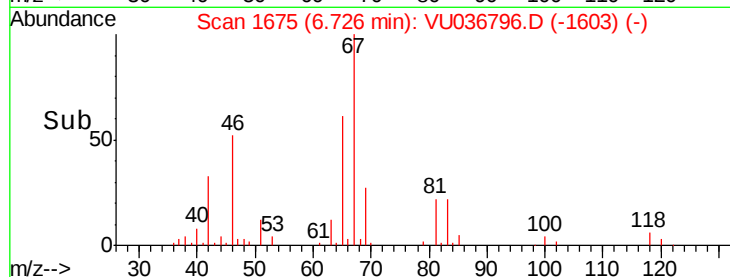
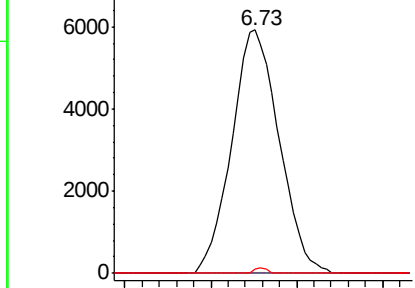
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.6	34.2	51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036796.D (-1675) (-)

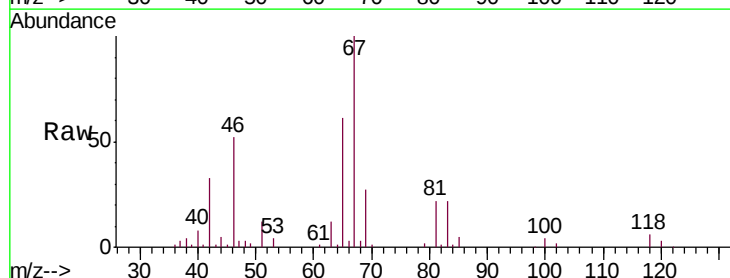
Ion 55.10 (54.80 to 55.80): VU036796.D (-1675) (-)

Ion 98.15 (97.85 to 98.85): VU036796.D (-1675) (-)



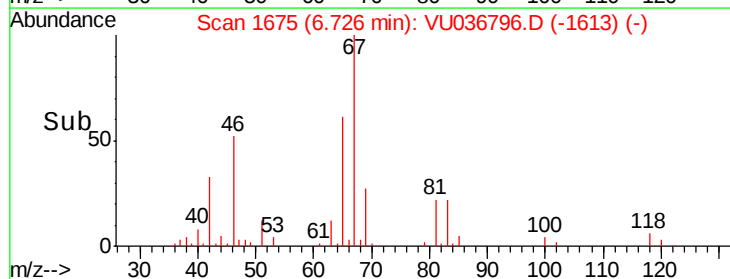
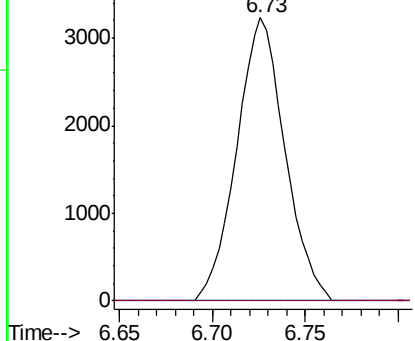
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036796.D
Acq: 14 Feb 2020 18:59

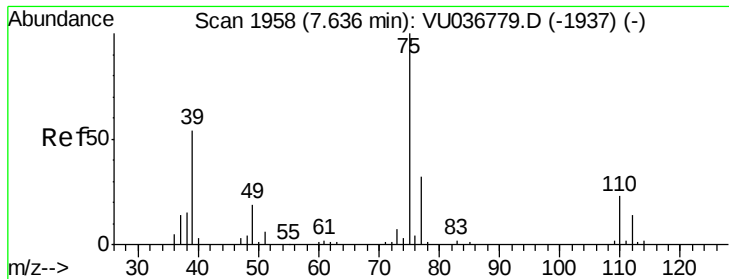
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036796.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU036796.D (-1675) (-)

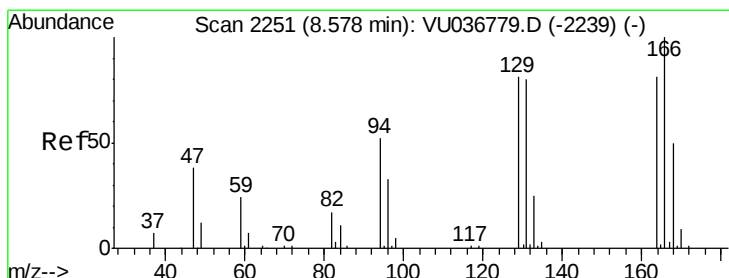
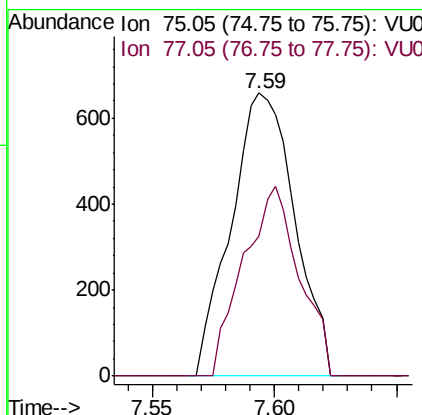
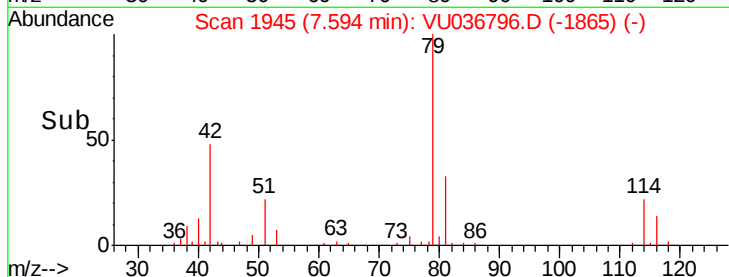
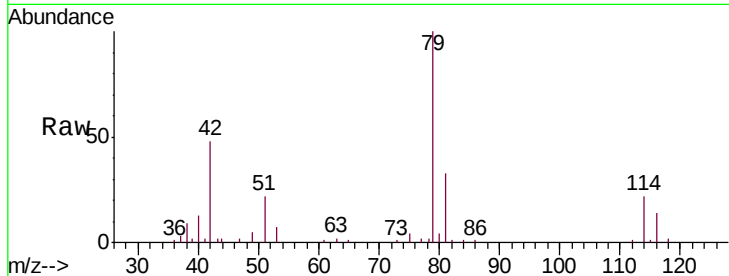




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036796.D
 Acq: 14 Feb 2020 18:59

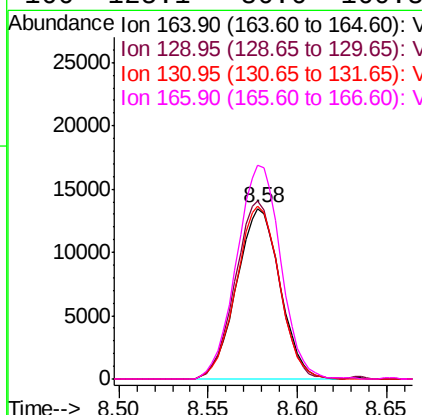
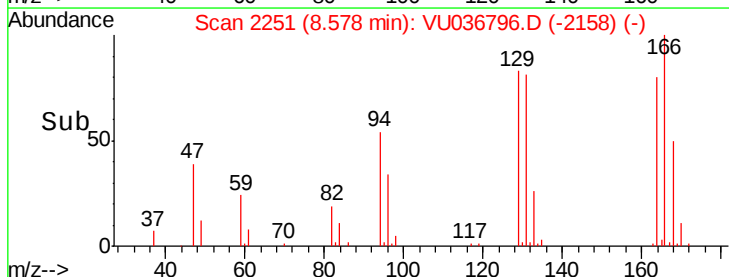
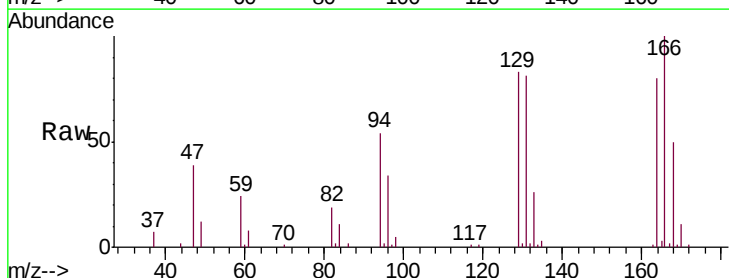
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ9

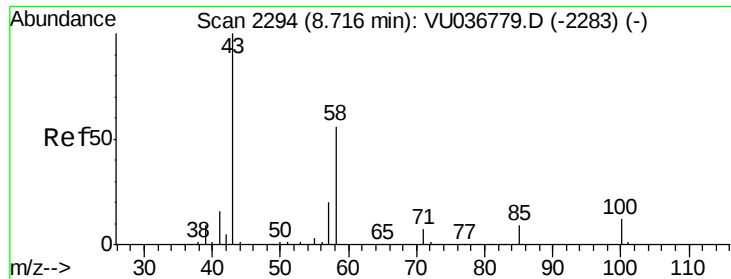
Tgt Ion: 75 Resp: 1190
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.5 41.9#



#47
 Tetrachloroethene
 Concen: 3.735 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VU036796.D
 Acq: 14 Feb 2020 18:59

Tgt Ion: 164 Resp: 22921
 Ion Ratio Lower Upper
 164 100
 129 104.1 68.0 126.4
 131 101.5 69.4 128.8
 166 125.1 86.6 160.8

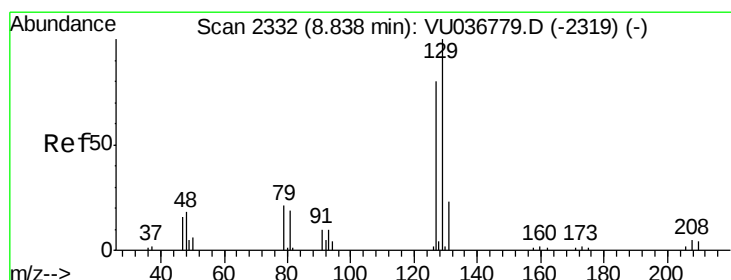
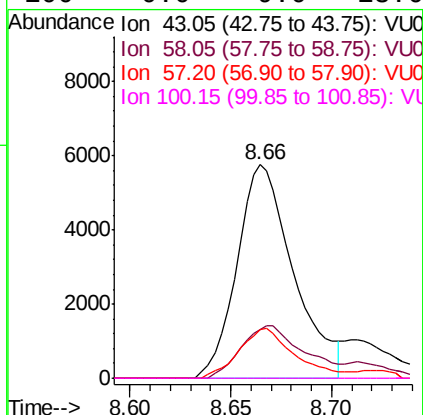
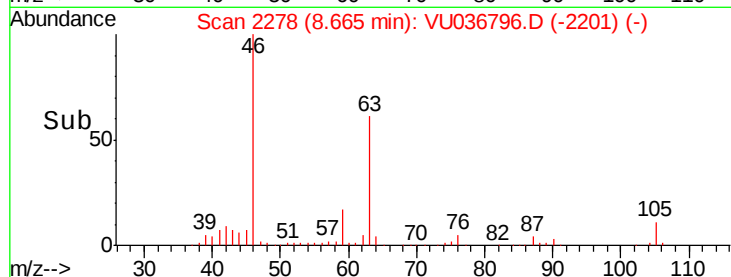
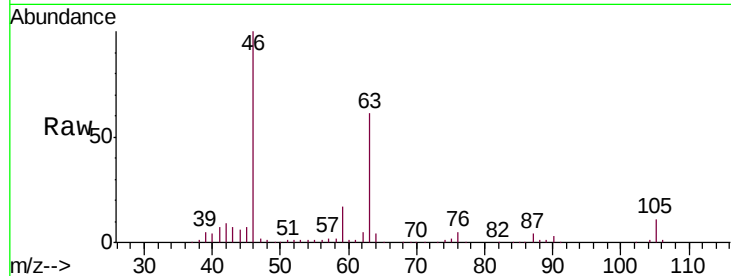




#48
2-Hexanone
Concen: 2.112 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036796.D
Acq: 14 Feb 2020 18:59

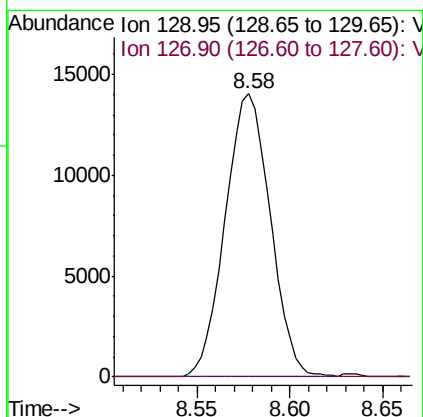
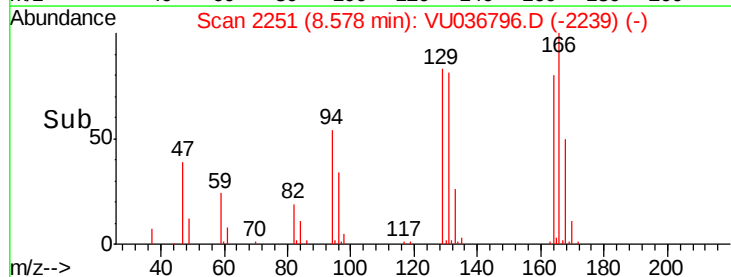
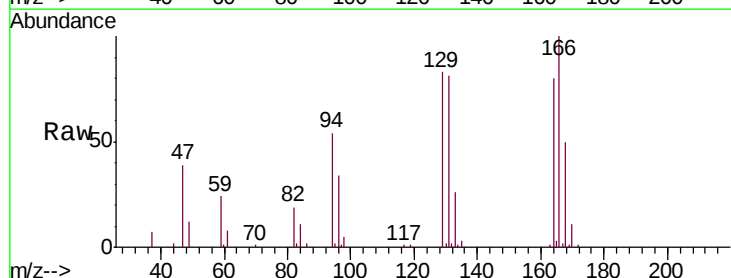
Instrument :
MSVOA_U
ClientSampleId :
C0AQ9

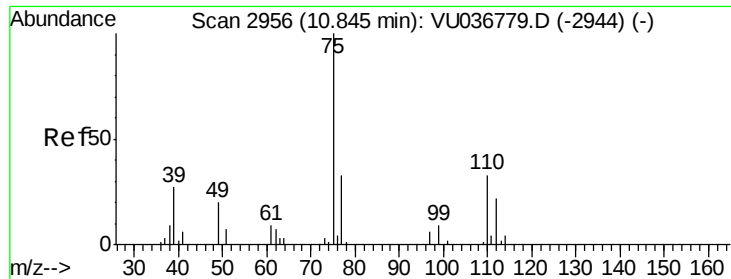
Tgt Ion: 43 Resp: 11276
Ion Ratio Lower Upper
43 100
58 27.0 43.6 65.4#
57 23.4 15.0 22.4#
100 0.0 9.0 13.6#



#49
Dibromochloromethane
Concen: 3.411 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU036796.D
Acq: 14 Feb 2020 18:59

Tgt Ion: 129 Resp: 23734
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#





#59

1,2,3-Trichloropropane

Concen: 1.040 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036796.D

Acq: 14 Feb 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

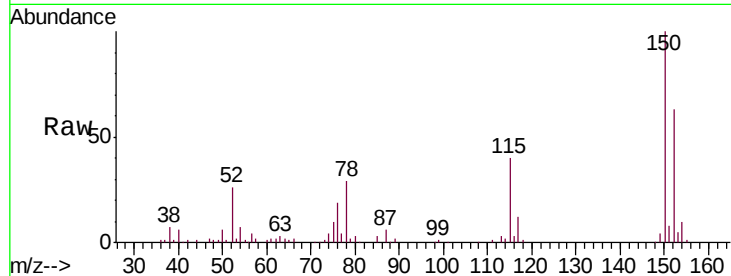
C0AQ9

Tgt Ion: 75 Resp: 6640

Ion Ratio Lower Upper

75 100

77 38.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036779.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036779.D (-2944) (-)

11.83

4000

3000

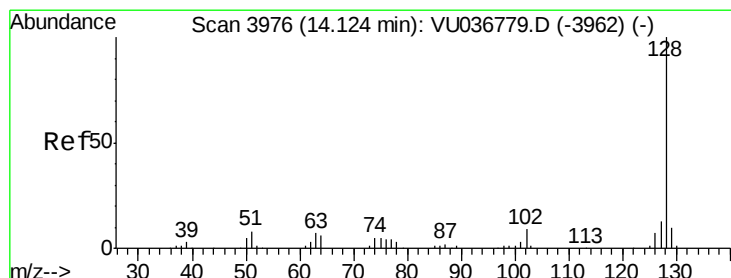
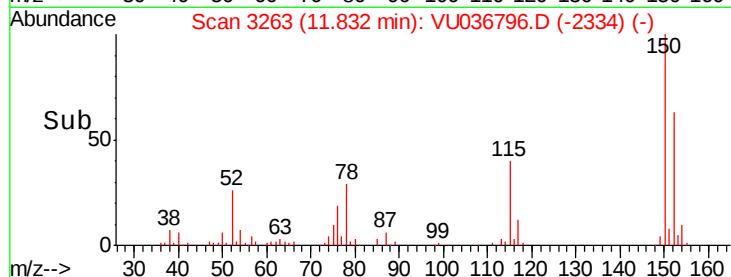
2000

1000

0

11.80 11.85

Time-->



#69

Naphthalene

Concen: 0.116 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU036796.D

Acq: 14 Feb 2020 18:59

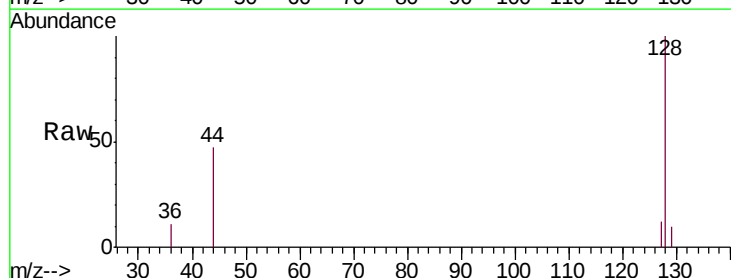
Tgt Ion: 128 Resp: 1670

Ion Ratio Lower Upper

128 100

129 2.5 9.0 13.4#

127 6.8 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): VU036779.D (-3962) (-)

Ion 129.00 (128.70 to 129.70): VU036779.D (-3962) (-)

Ion 127.00 (126.70 to 127.70): VU036779.D (-3962) (-)

14.12

1000

500

0

14.10 14.15

Time-->

