

Data File : VU036793.D
Acq On : 14 Feb 2020 17:45
Operator : JC/MD
Sample : L1537-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6

Quant Time: Feb 14 23:43:50 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	124137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41005	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.93	69	39172	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.59	63	57445	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	116065	51.84	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	5.11	84	75664	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.74	65	43345	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	162269	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.73	67	53317	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	144642	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.21	79	18194	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.66	63	96222	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40636	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	44945	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.60	96	516	0.068	ug/L #	1
15) Methyl Acetate	2.79	43	4301	1.132	ug/L #	52
35) Methylcyclohexane	6.73	83	11353	0.788	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5779	0.594	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1247	0.089	ug/L #	61
47) Tetrachloroethene	8.57	164	6842	1.109	ug/L	90
48) 2-Hexanone	8.66	43	11237	2.092	ug/L #	68
49) Dibromochloromethane	8.58	129	6544	0.935	ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	7183	1.118	ug/L	98
69) Naphthalene	14.12	128	1982	0.129	ug/L #	75

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

Data File : VU036793.D

Acq On : 14 Feb 2020 17:45

Operator : JC/MD

Sample : L1537-06

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6

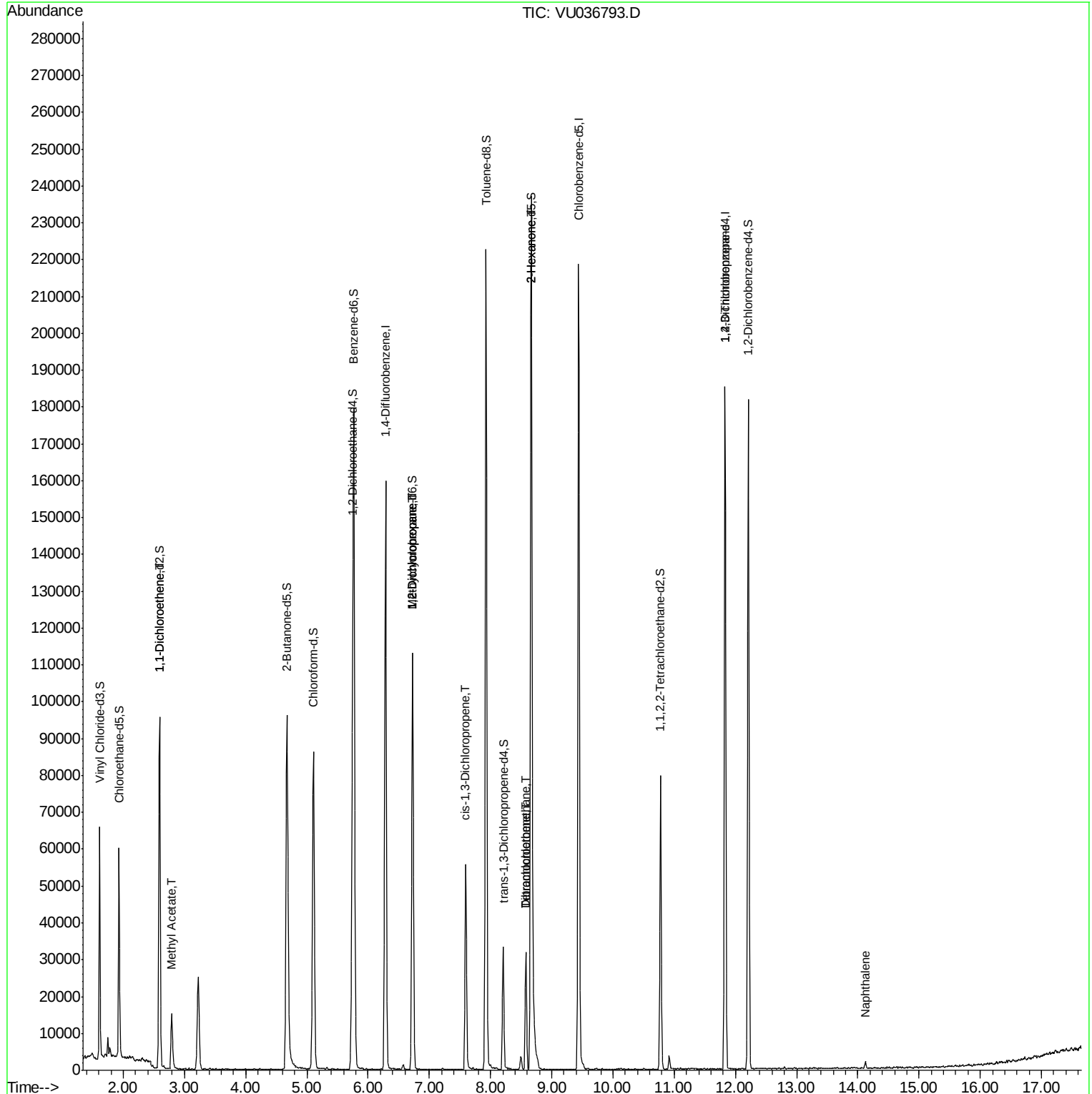
Quant Time: Feb 14 23:43:50 2020

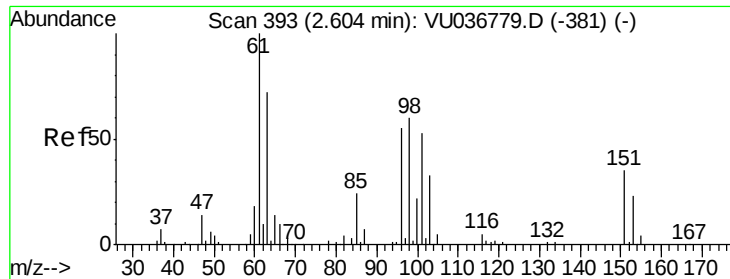
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Feb 14 23:39:59 2020

Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036793.D

Acq: 14 Feb 2020 17:45

Instrument :

MSVOA_U

ClientSampleId :

C0AQ6

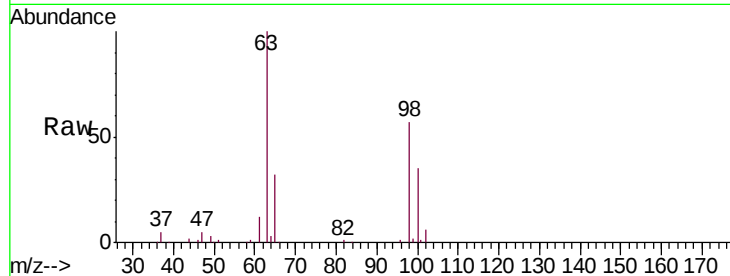
Tgt Ion: 96 Resp: 516

Ion Ratio Lower Upper

96 100

61 1088.0 126.4 234.8#

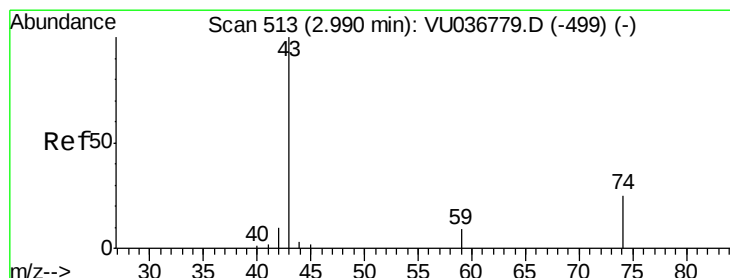
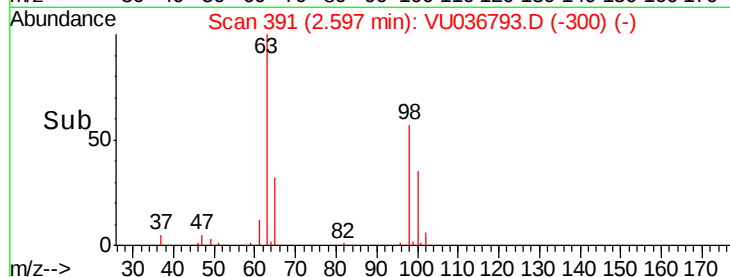
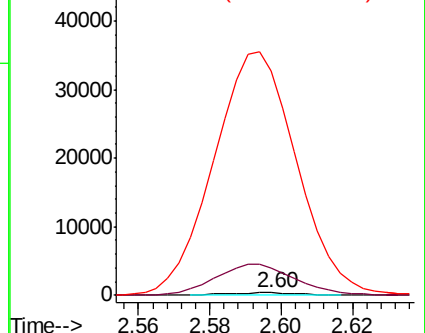
63 8918.0 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036779.D (-381) (-)

Ion 61.05 (60.75 to 61.75): VU036779.D (-381) (-)

Ion 63.00 (62.70 to 63.70): VU036779.D (-381) (-)



#15

Methyl Acetate

Concen: 1.132 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.20 min

Lab File: VU036793.D

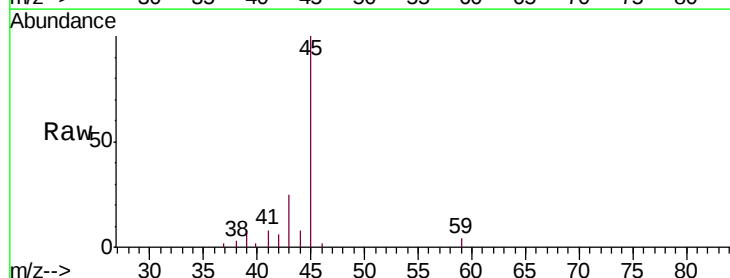
Acq: 14 Feb 2020 17:45

Tgt Ion: 43 Resp: 4301

Ion Ratio Lower Upper

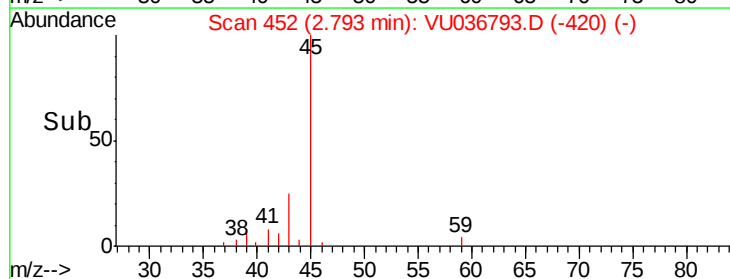
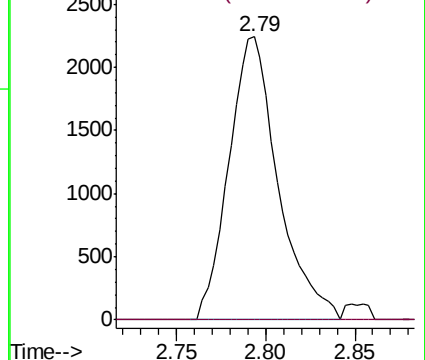
43 100

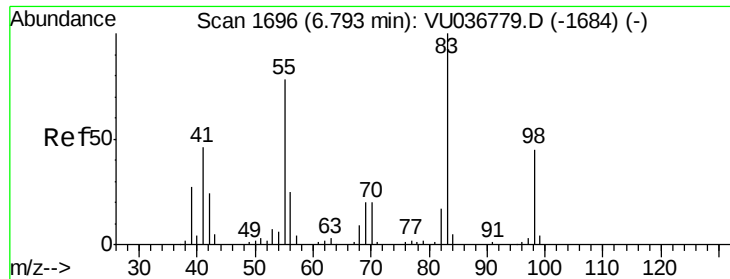
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036779.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU036779.D (-499) (-)

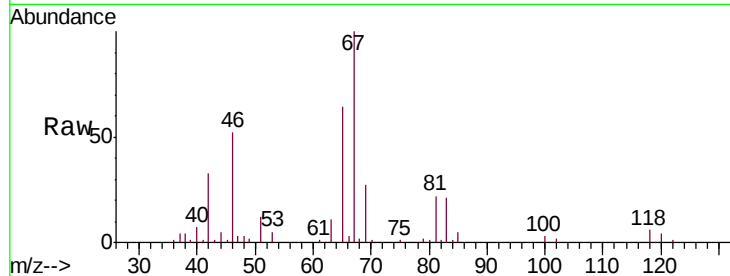




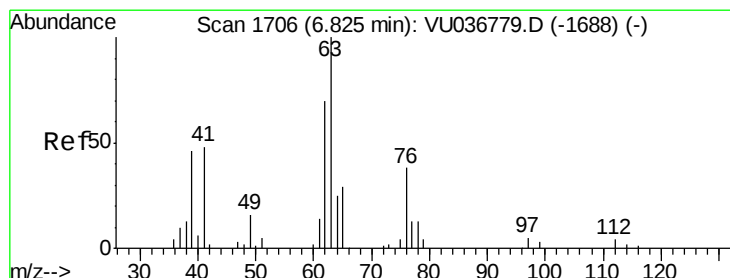
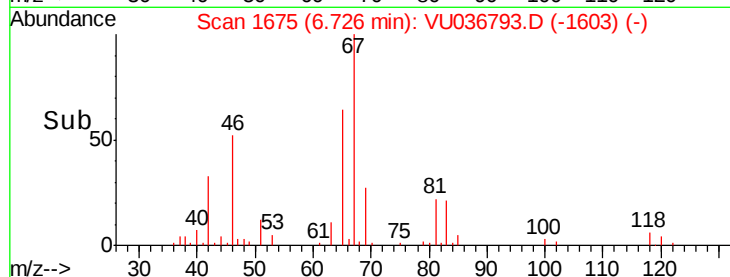
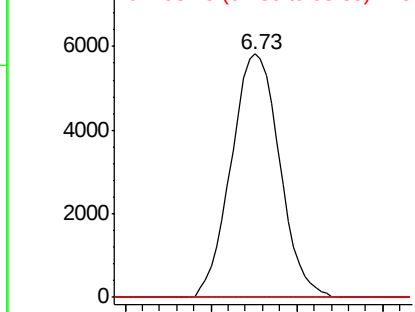
#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036793.D
Acq: 14 Feb 2020 17:45

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6

Tgt Ion: 83 Resp: 11353
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.2 34.2 51.4#

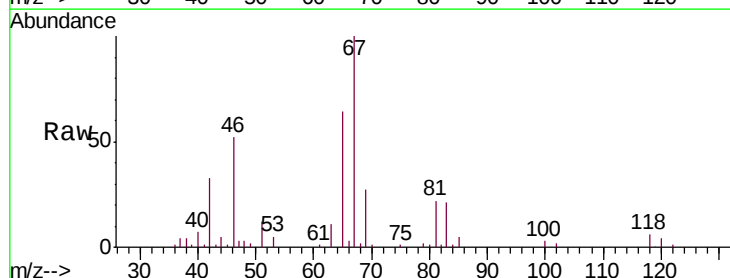


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

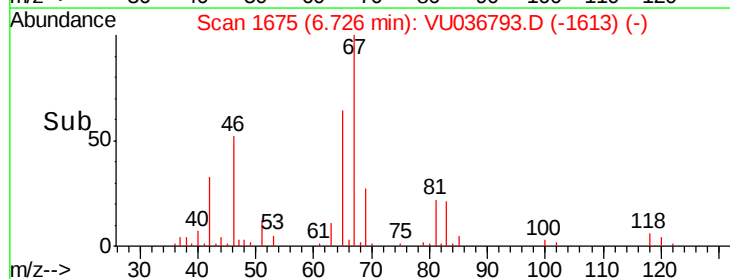
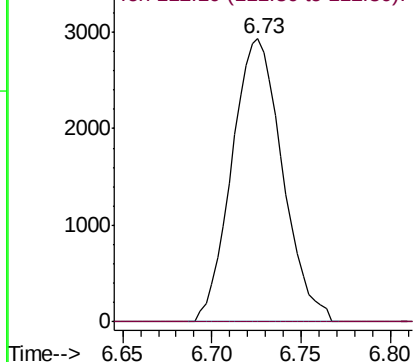


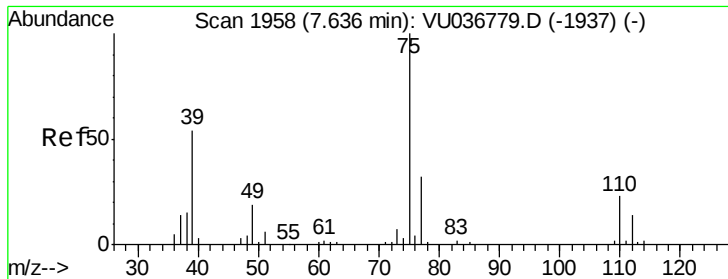
#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036793.D
Acq: 14 Feb 2020 17:45

Tgt Ion: 63 Resp: 5779
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



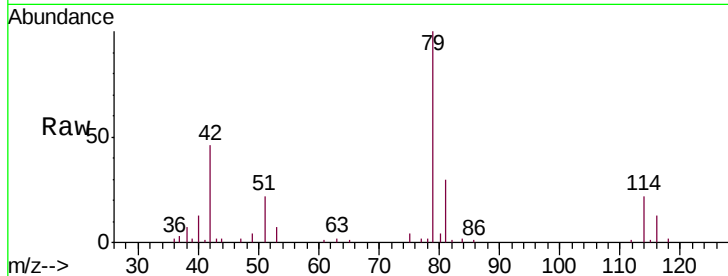


#39

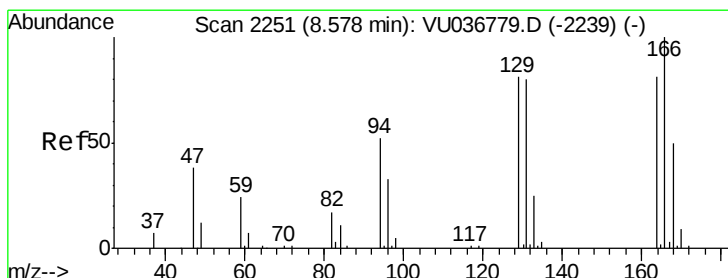
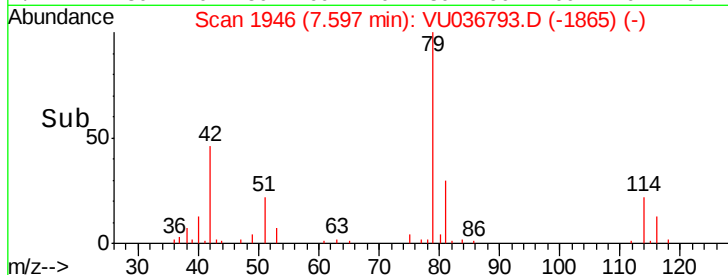
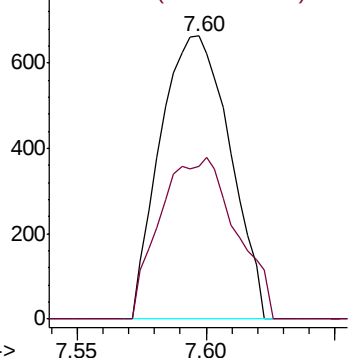
cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036793.D
 Acq: 14 Feb 2020 17:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ6

Tgt Ion: 75 Resp: 1247
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.5 41.9#



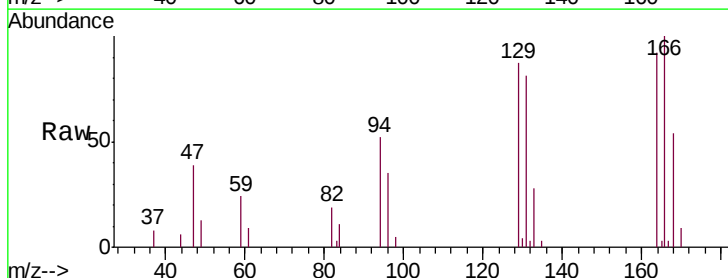
Abundance Ion 75.05 (74.75 to 75.75): VU036779.D (-1937) (-)
 Ion 77.05 (76.75 to 77.75): VU036779.D (-1937) (-)



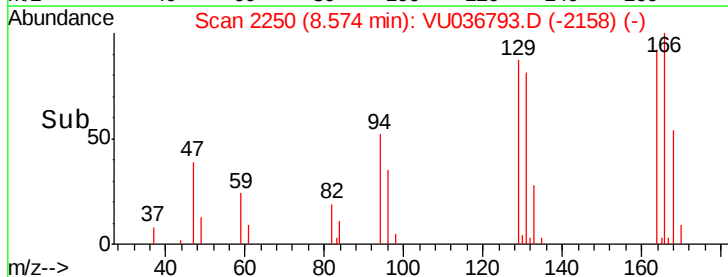
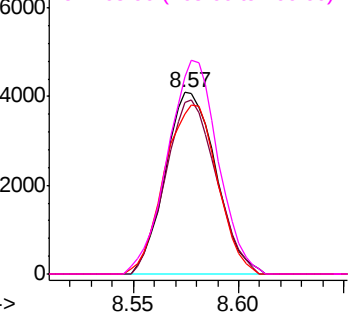
#47

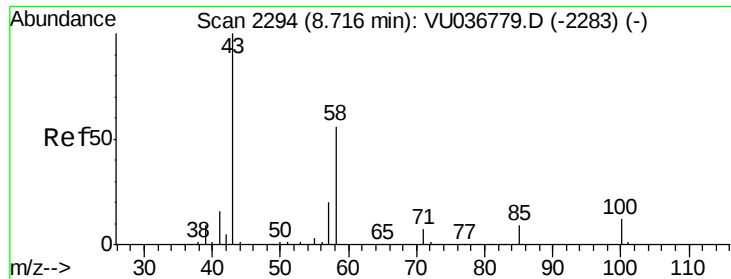
Tetrachloroethene
 Concen: 1.109 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU036793.D
 Acq: 14 Feb 2020 17:45

Tgt Ion: 164 Resp: 6842
 Ion Ratio Lower Upper
 164 100
 129 94.1 68.0 126.4
 131 87.9 69.4 128.8
 166 108.7 86.6 160.8



Abundance Ion 163.90 (163.60 to 164.60): VU036779.D (-2239) (-)
 Ion 128.95 (128.65 to 129.65): VU036779.D (-2239) (-)
 Ion 130.95 (130.65 to 131.65): VU036779.D (-2239) (-)
 Ion 165.90 (165.60 to 166.60): VU036779.D (-2239) (-)

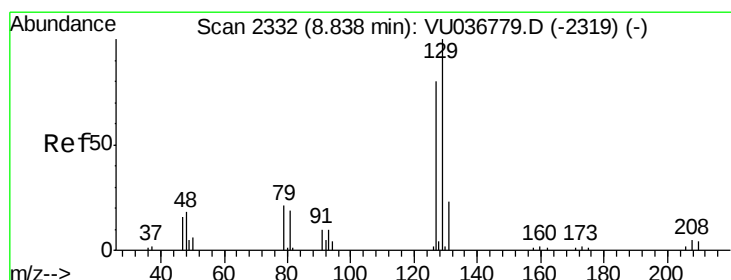
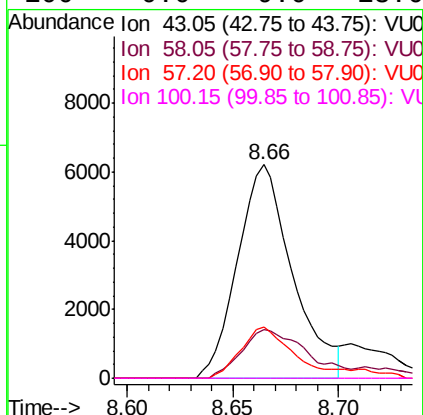
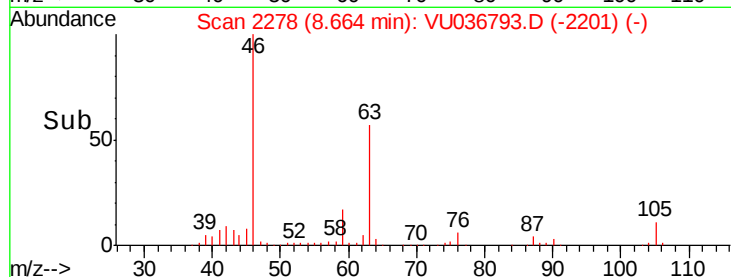
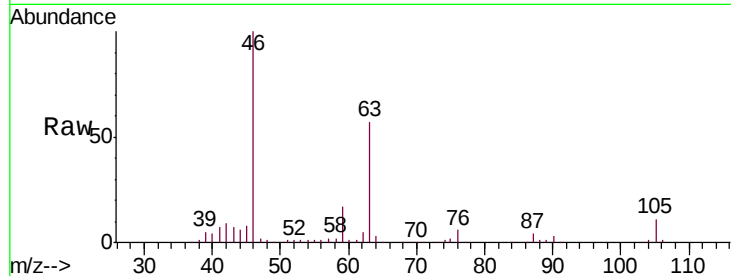




#48
2-Hexanone
Concen: 2.092 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036793.D
Acq: 14 Feb 2020 17:45

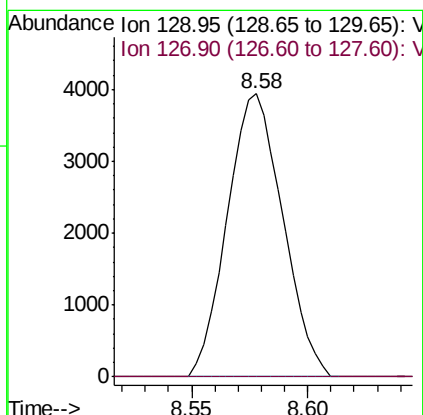
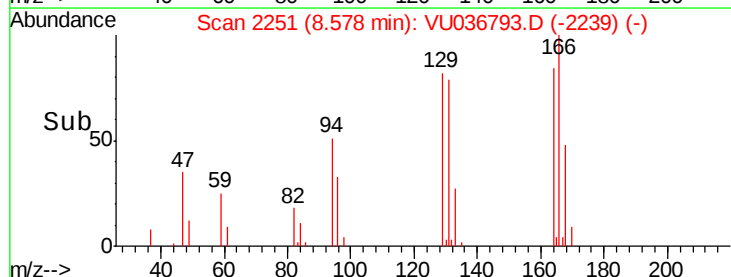
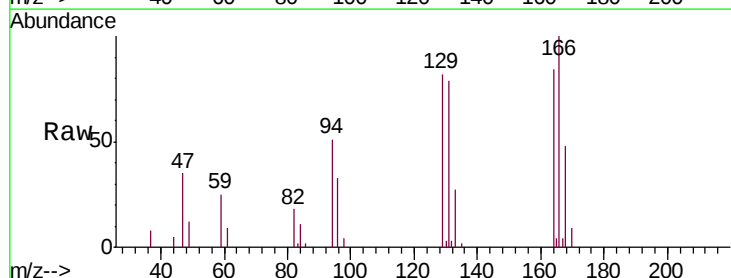
Instrument :
MSVOA_U
ClientSampleId :
C0AQ6

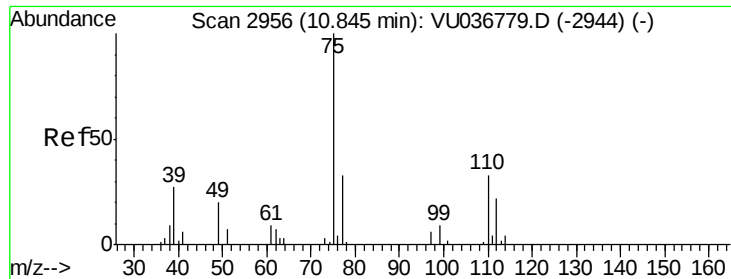
Tgt Ion: 43 Resp: 11237
Ion Ratio Lower Upper
43 100
58 27.2 43.6 65.4#
57 26.1 15.0 22.4#
100 0.0 9.0 13.6#



#49
Dibromochloromethane
Concen: 0.935 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU036793.D
Acq: 14 Feb 2020 17:45

Tgt Ion: 129 Resp: 6544
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#

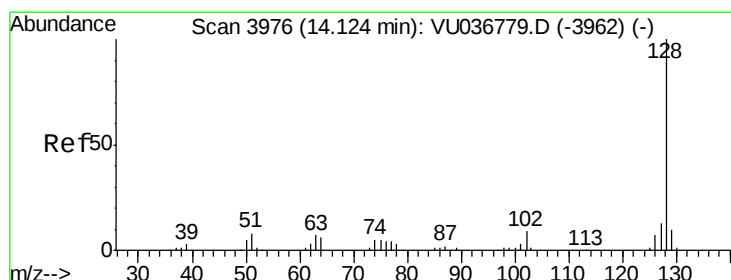
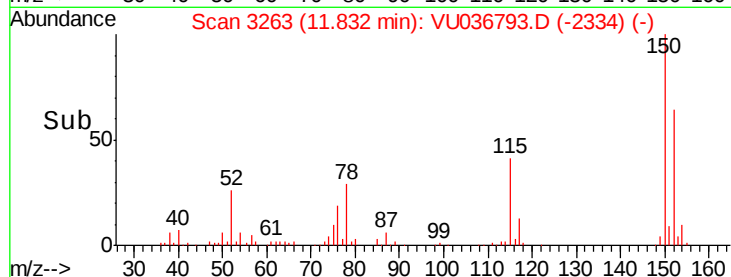
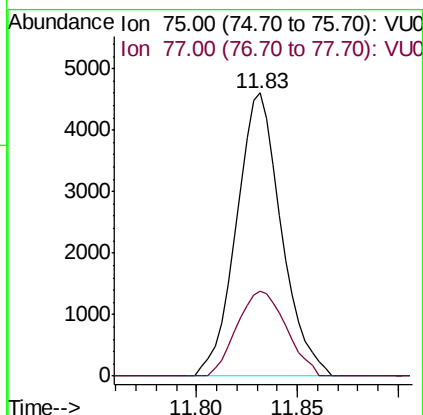
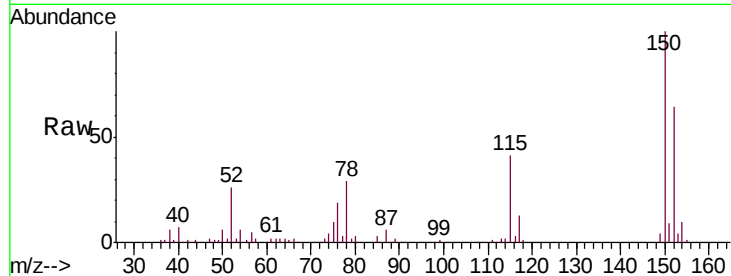




#59
 1,2,3-Trichloropropane
 Concen: 1.118 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036793.D
 Acq: 14 Feb 2020 17:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ6

Tgt Ion: 75 Resp: 7183
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4



#69
 Naphthalene
 Concen: 0.129 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036793.D
 Acq: 14 Feb 2020 17:45

Tgt Ion: 128 Resp: 1982
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.0 13.4#
 127 4.8 10.8 16.2#

