

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071520\
 Data File : VU039500.D
 Acq On : 15 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3292-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT89

Quant Time: Jul 16 04:11:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	90086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20820	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	26628	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	35661	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.65	46	104827	43.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.76%
24) Chloroform-d	5.09	84	49551	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	31921	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	98351	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.71	67	33277	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	85978	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.19	79	13011	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	75145	39.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31471	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33175	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

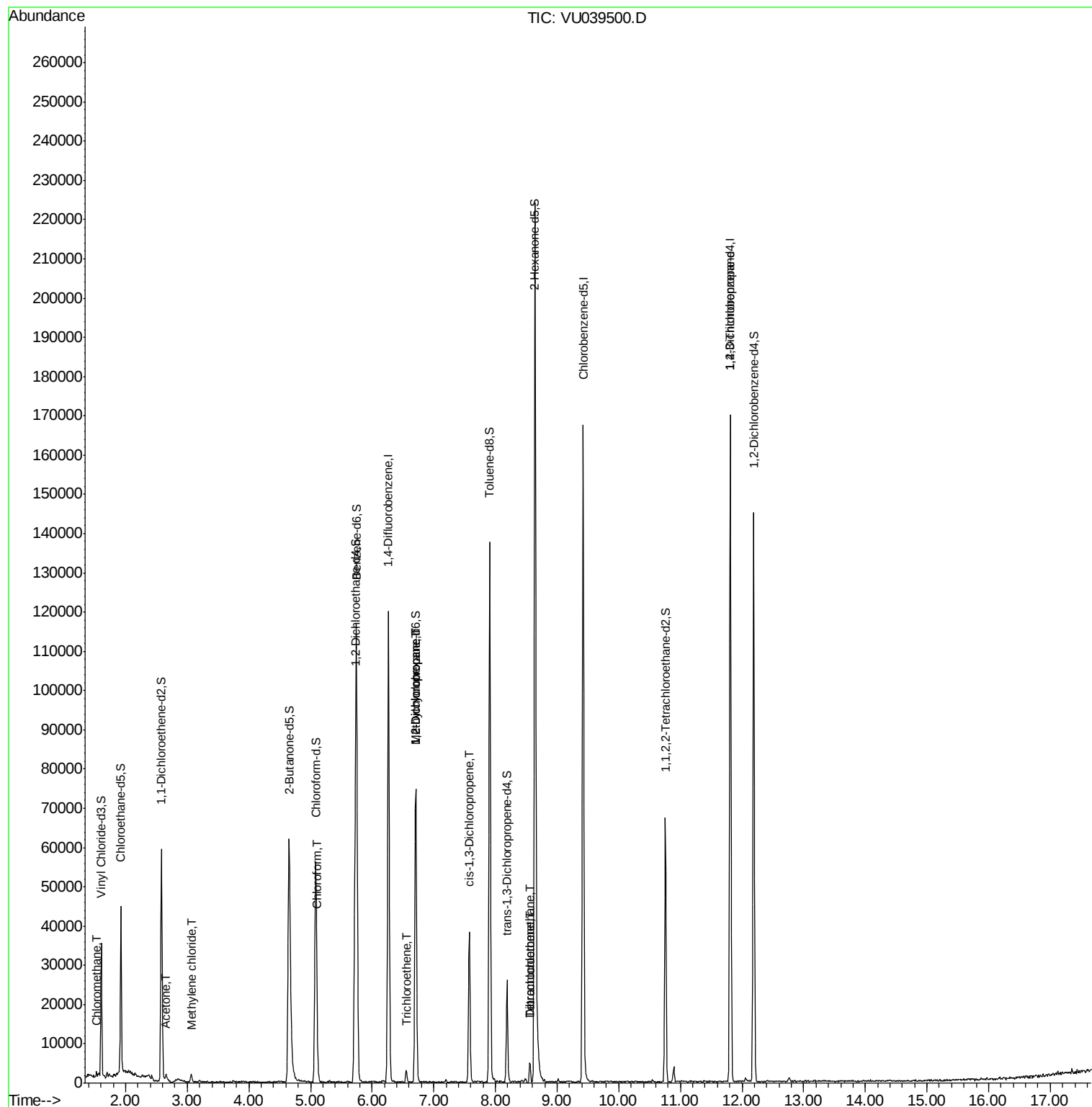
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	919	0.139	ug/L	100
13) Acetone	2.66	43	2749	2.132	ug/L	95
16) Methylene chloride	3.06	84	943	0.140	ug/L #	61
25) Chloroform	5.11	83	3816	0.326	ug/L	86
34) Trichloroethene	6.56	95	814	0.123	ug/L #	76
35) Methylcyclohexane	6.71	83	7567	0.715	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4281	0.615	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1220	0.116	ug/L	84
47) Tetrachloroethene	8.56	164	1031	0.224	ug/L	86
49) Dibromochloromethane	8.56	129	990	0.163	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6096	1.187	ug/L #	86

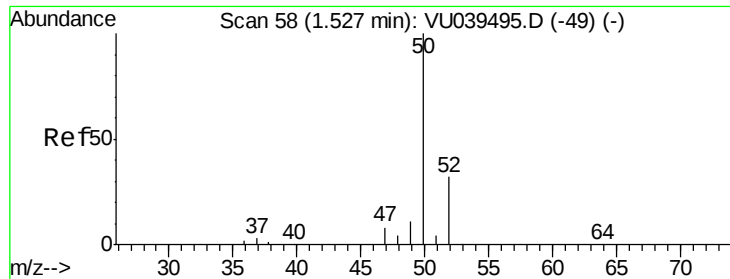
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.139 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039500.D

Acq: 15 Jul 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

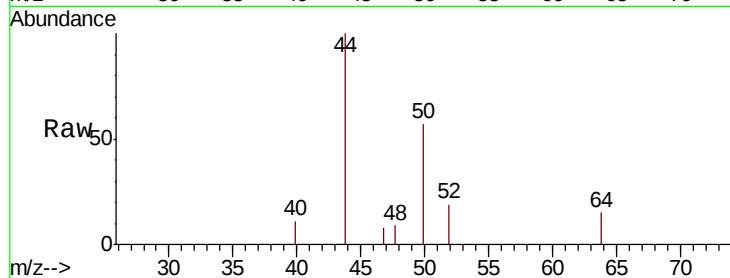
BFT89

Tot Ion: 50 Resp: 919

Ion Ratio Lower Upper

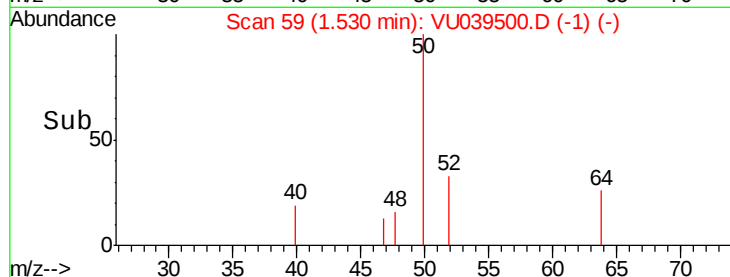
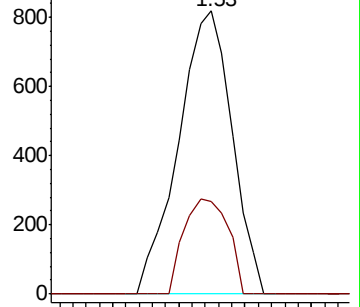
50 100

52 32.8 23.0 42.8

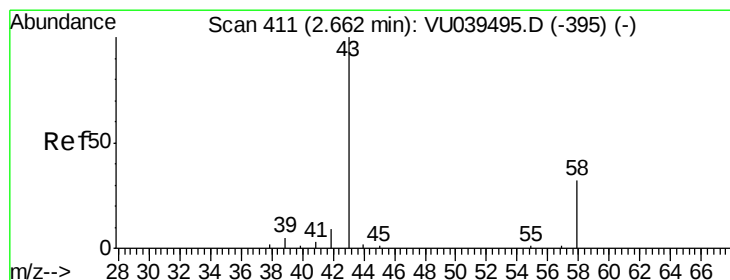


Abundance Ion 50.05 (49.75 to 50.75): VU039495.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU039495.D (-49) (-)



Time-->



#13

Acetone

Concen: 2.132 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039500.D

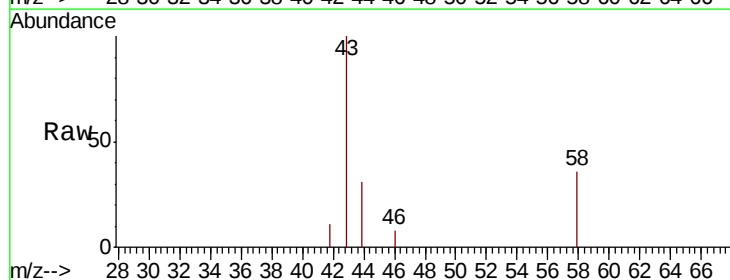
Acq: 15 Jul 2020 15:34

Tgt Ion: 43 Resp: 2749

Ion Ratio Lower Upper

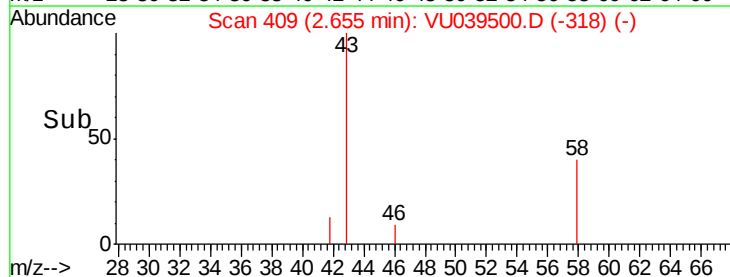
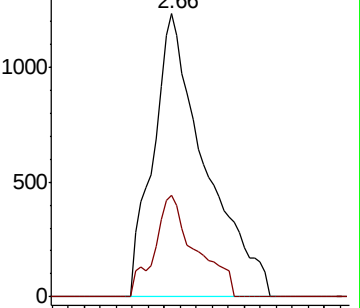
43 100

58 28.8 0.0 62.8

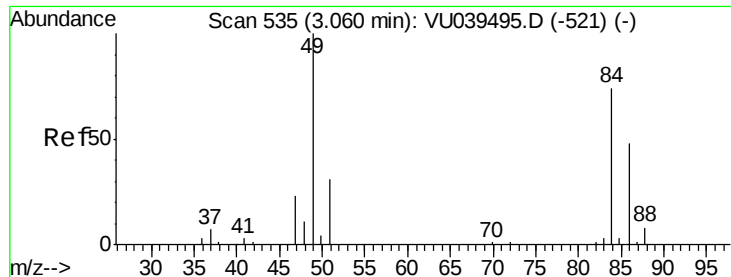


Abundance Ion 43.05 (42.75 to 43.75): VU039495.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU039495.D (-395) (-)



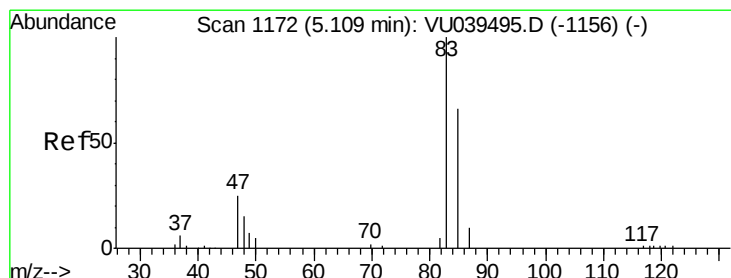
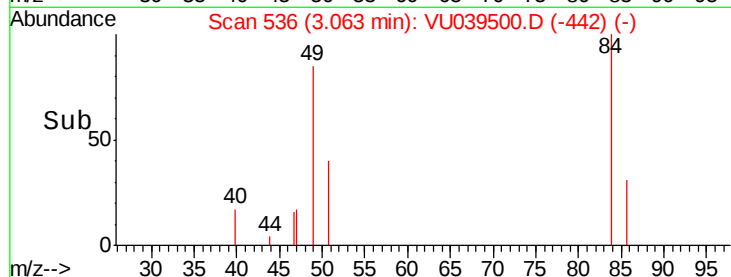
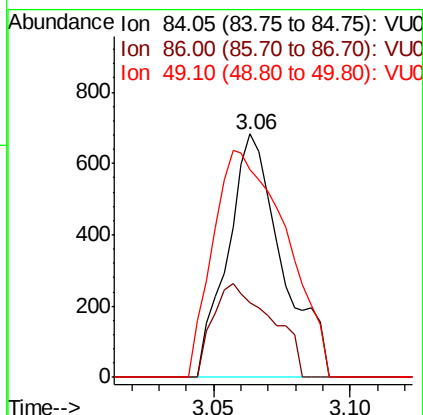
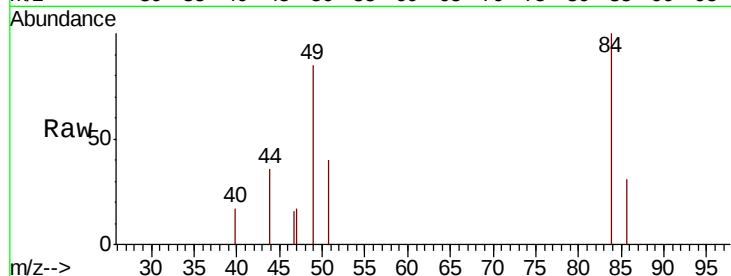
Time-->



#16
Methvlene chloride
Concen: 0.140 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039500.D
Acq: 15 Jul 2020 15:34

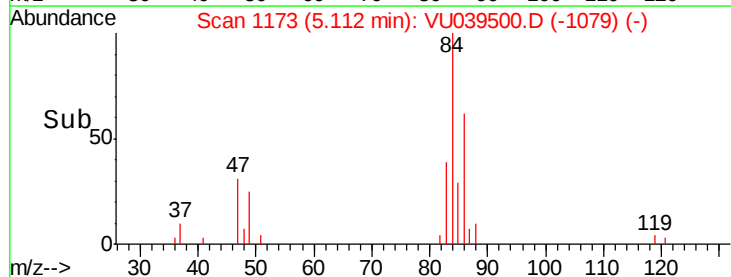
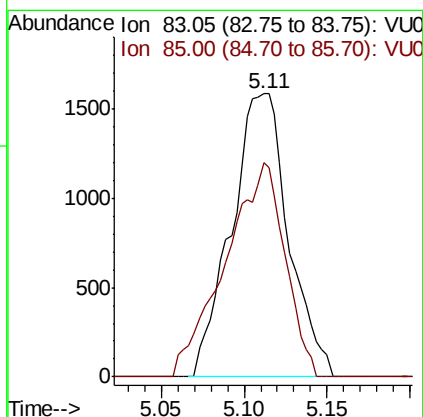
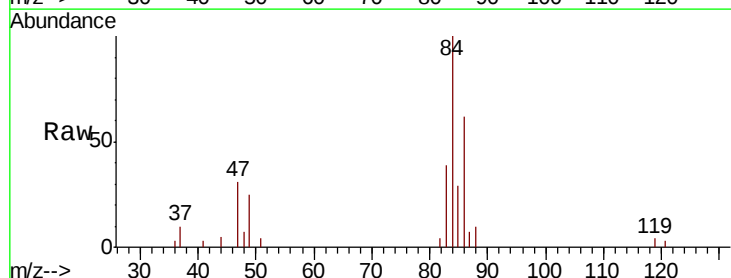
Instrument :
MSVOA_U
ClientSampleId :
BFT89

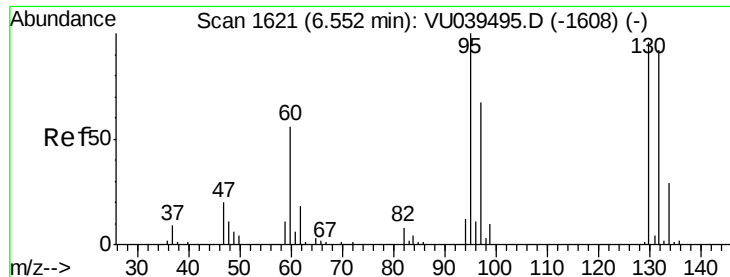
Tot Ion: 84 Resp: 943
Ion Ratio Lower Upper
84 100
86 30.9 43.5 80.9#
49 85.4 91.1 169.1#



#25
Chloroform
Concen: 0.326 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039500.D
Acq: 15 Jul 2020 15:34

Tgt Ion: 83 Resp: 3816
Ion Ratio Lower Upper
83 100
85 75.5 44.9 83.5





#34

Trichloroethene

Concen: 0.123 ug/L

RT: 6.56 min Scan# 1624

Delta R.T. 0.01 min

Lab File: VU039500.D

Acq: 15 Jul 2020 15:34

Instrument :

MSVOA_U

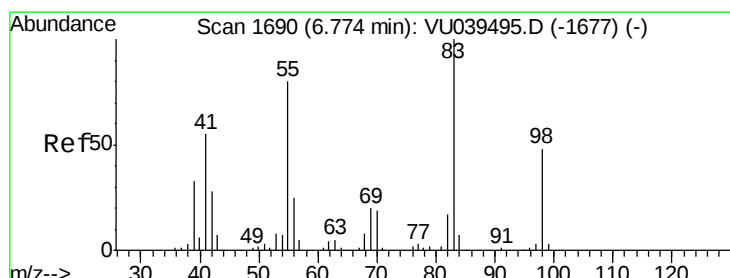
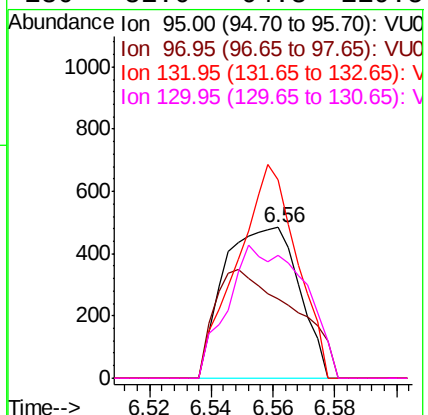
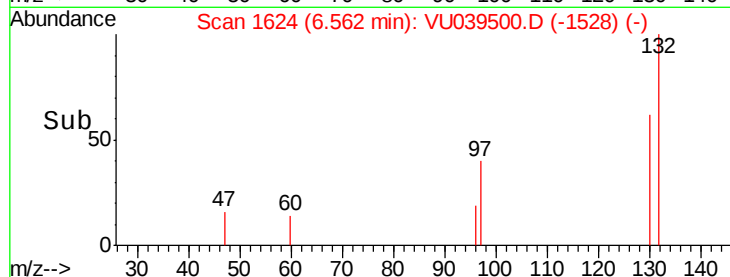
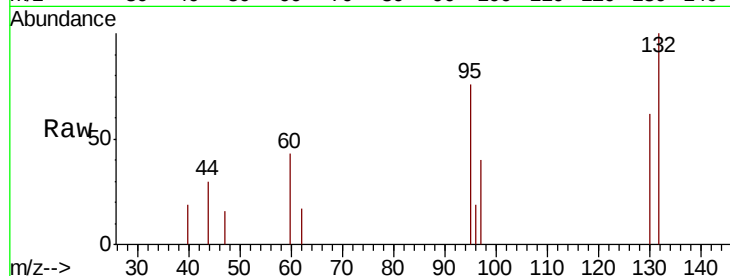
ClientSampled :

BFT89

Tot Ion: 95 Resp: 814

Ion Ratio Lower Upper

95	100		
97	52.6	46.3	85.9
132	131.1	64.0	118.8#
130	81.0	64.3	119.5



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.71 min Scan# 1670

Delta R.T. -0.06 min

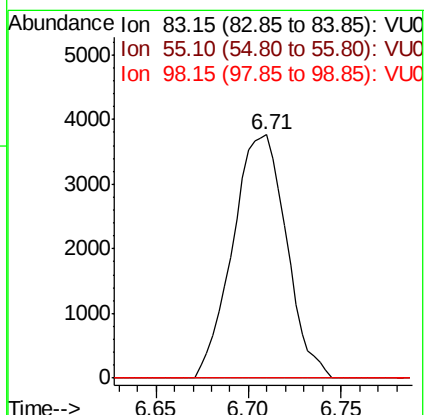
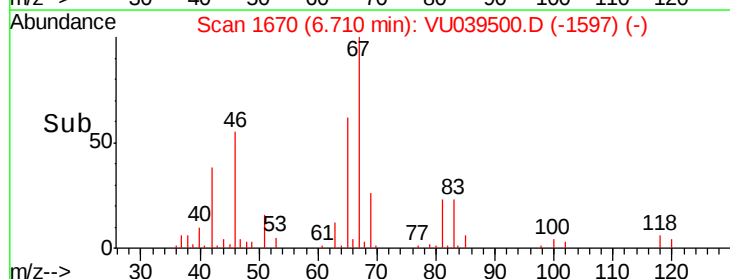
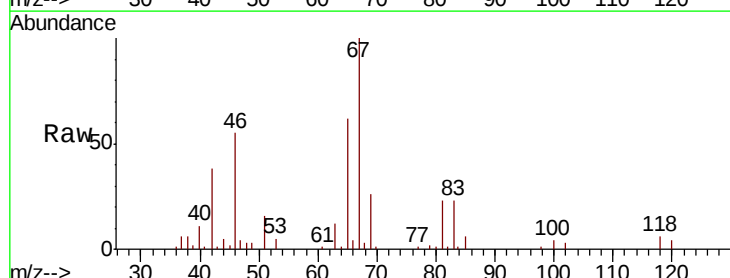
Lab File: VU039500.D

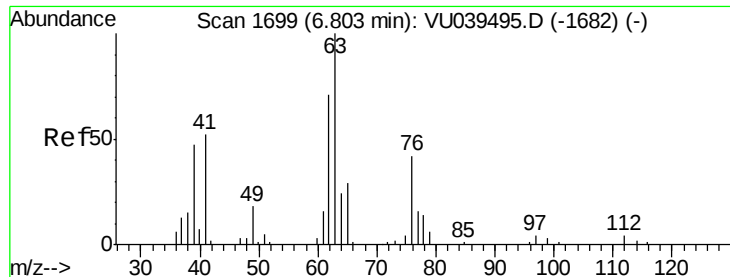
Acq: 15 Jul 2020 15:34

Tgt Ion: 83 Resp: 7567

Ion Ratio Lower Upper

83	100		
55	0.0	62.1	93.1#
98	1.7	35.9	53.9#

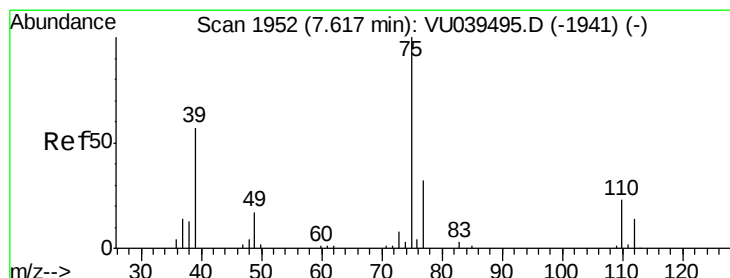
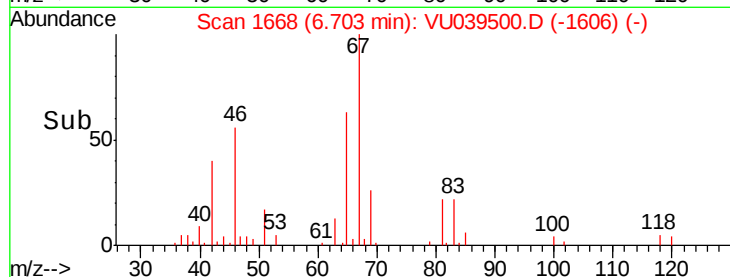
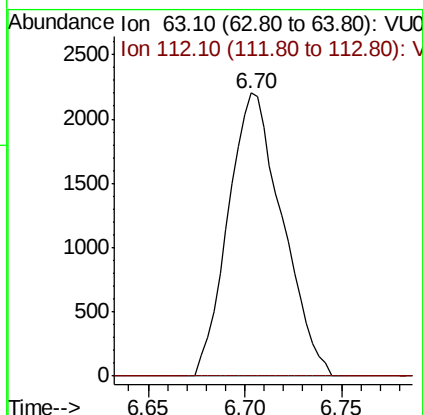
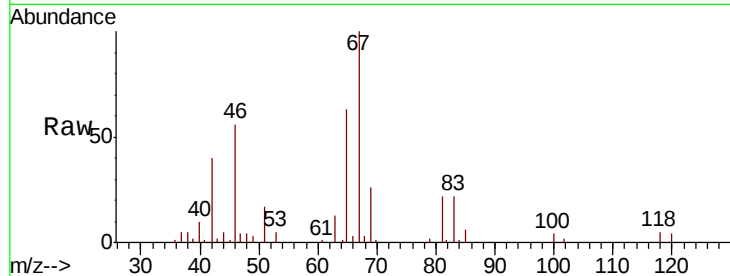




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039500.D
 Acq: 15 Jul 2020 15:34

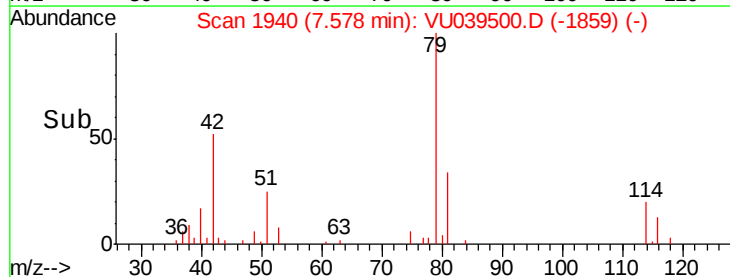
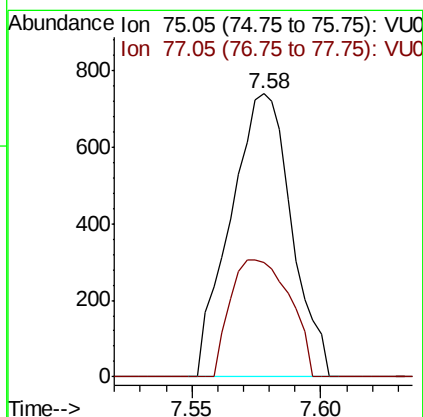
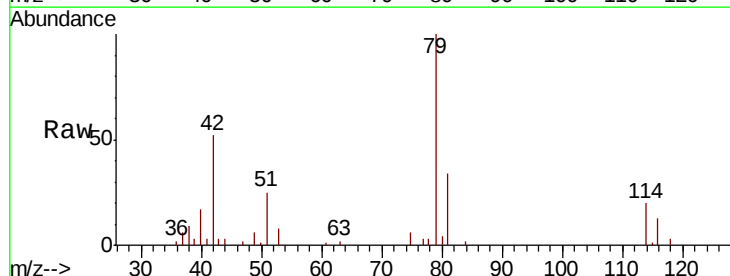
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT89

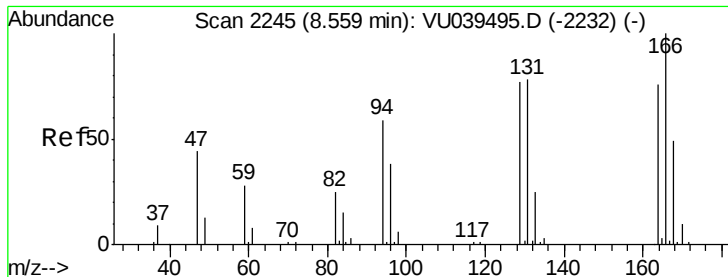
Tot Ion: 63 Resp: 4281
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039500.D
 Acq: 15 Jul 2020 15:34

Tgt Ion: 75 Resp: 1220
 Ion Ratio Lower Upper
 75 100
 77 40.5 22.3 41.3





#47

Tetrachloroethene

Concen: 0.224 ug/L

RT: 8.56 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VU039500.D

Acq: 15 Jul 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

BFT89

Tot Ion:164 Resp: 1031

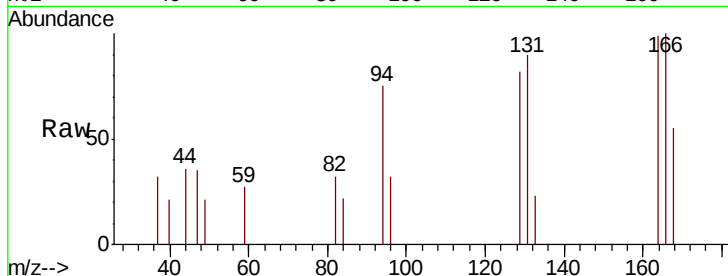
Ion Ratio Lower Upper

164 100

129 82.6 68.6 127.4

131 91.0 66.4 123.4

166 100.9 85.9 159.5

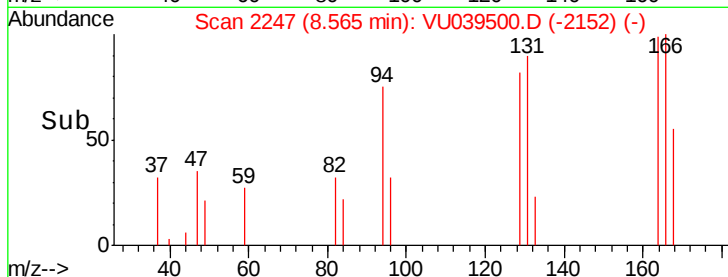
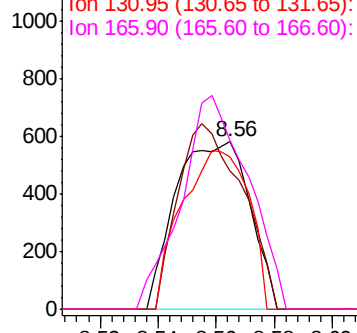


Abundance Ion 163.90 (163.60 to 164.60): V

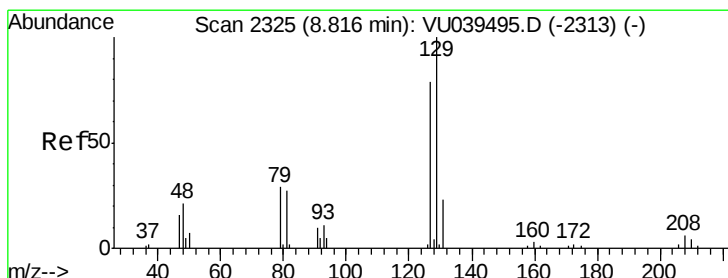
Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time-->



#49

Dibromochloromethane

Concen: 0.163 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039500.D

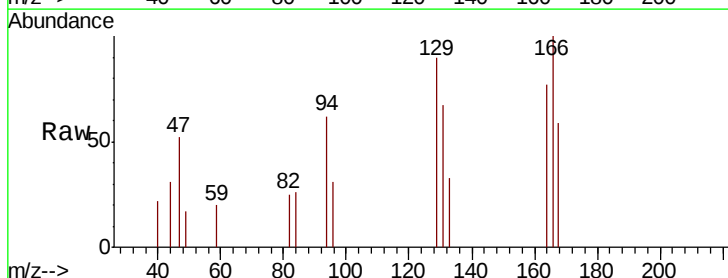
Acq: 15 Jul 2020 15:34

Tgt Ion:129 Resp: 990

Ion Ratio Lower Upper

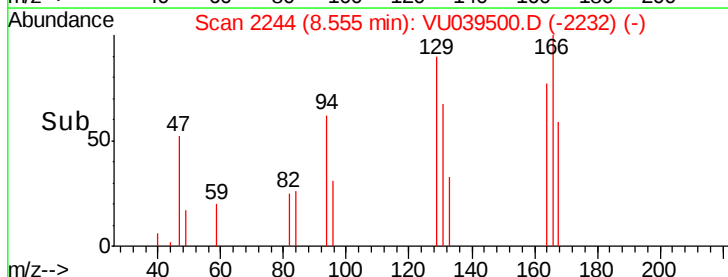
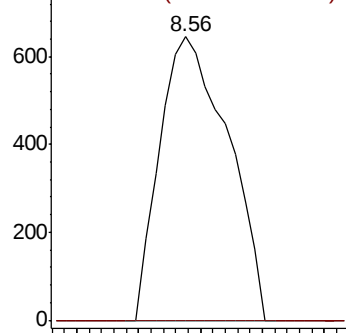
129 100

127 0.0 55.4 102.8#

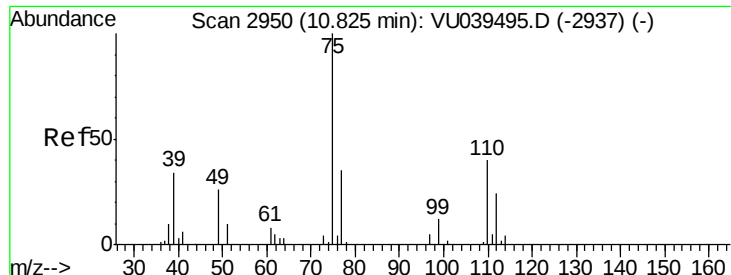


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59
 1,2,3-Trichloropropane
 Concen: 1.187 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.98 min
 Lab File: VU039500.D
 Acq: 15 Jul 2020 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT89

Tot Ion: 75 Resp: 6096
 Ion Ratio Lower Upper
 75 100
 77 41.3 26.8 40.2#

