

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039991.D
 Acq On : 27 Aug 2020 14:34
 Operator : SY/MD
 Sample : L3821-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB3

Quant Time: Aug 28 01:14:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80336	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27188	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.92	69	25750	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.58	63	45687	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	92618	39.56	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.12%
24) Chloroform-d	5.08	84	63524	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	37571	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.75	84	112998	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	38030	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	96116	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	15350	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	77486	46.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31129	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42523	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

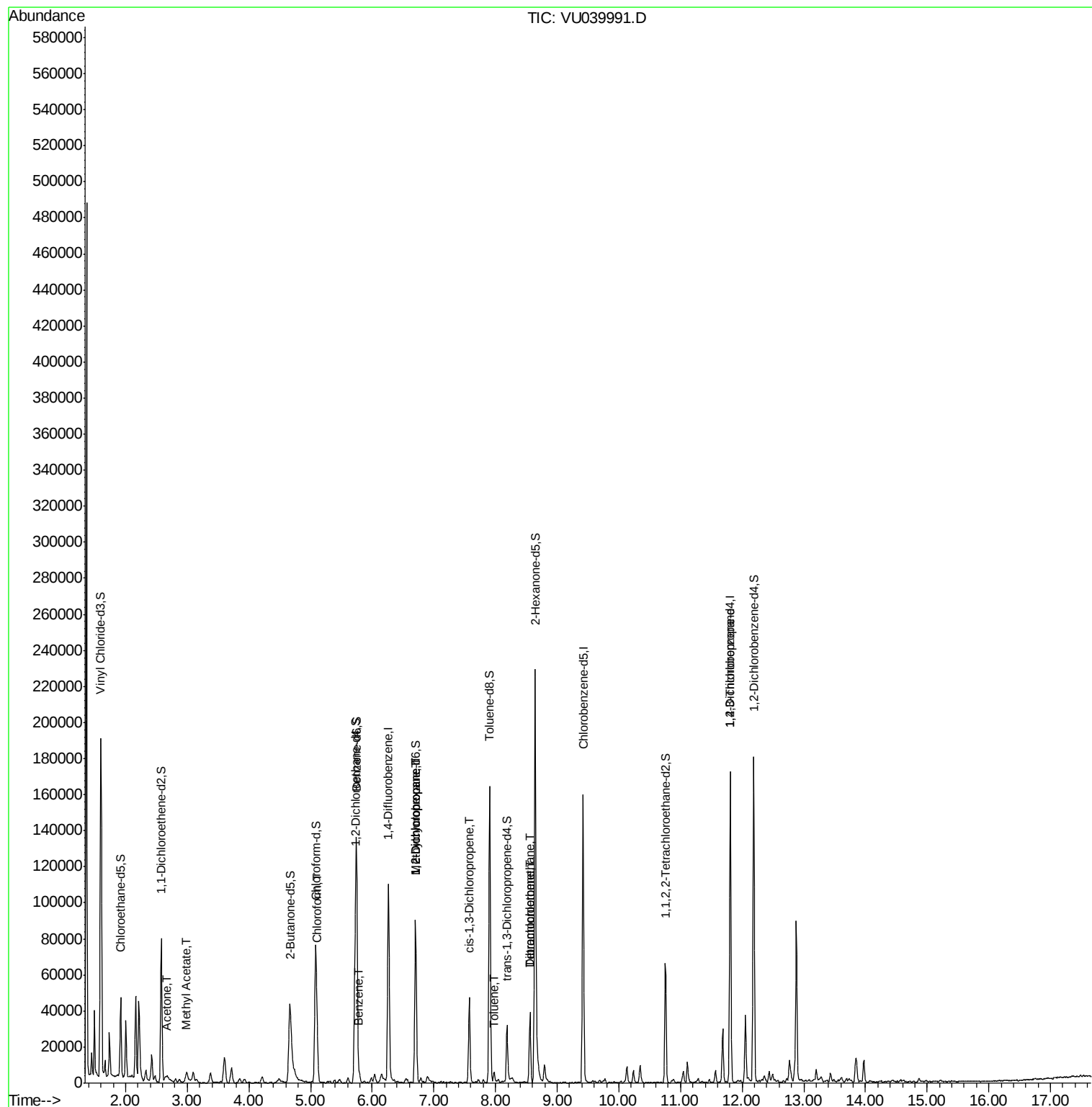
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	8867	5.542	ug/L	80
15) Methyl Acetate	2.97	43	775	0.189	ug/L #	56
25) Chloroform	5.11	83	11270	0.787	ug/L	99
33) Benzene	5.79	78	4063	0.139	ug/L	100
35) Methylcyclohexane	6.70	83	9192	0.792	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4828	0.622	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1278	0.118	ug/L #	67
42) Toluene	7.98	91	3572	0.120	ug/L	95
47) Tetrachloroethene	8.56	164	7514	1.344	ug/L	96
49) Dibromochloromethane	8.56	129	6916	0.983	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	5992	1.078	ug/L	91

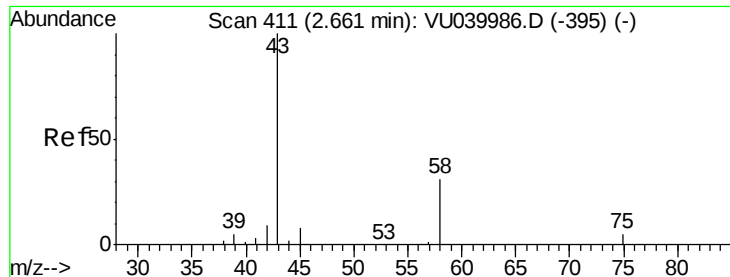
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.542 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU039991.D

Acq: 27 Aug 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

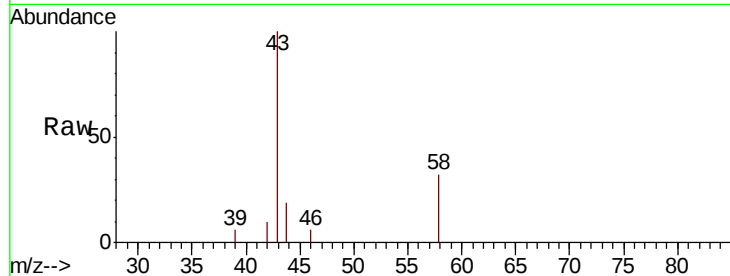
H0AB3

Tot Ion: 43 Resp: 8867

Ion Ratio Lower Upper

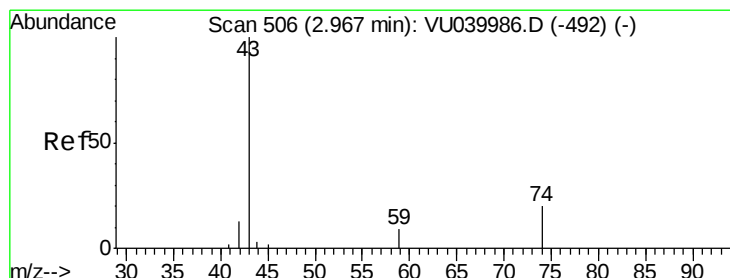
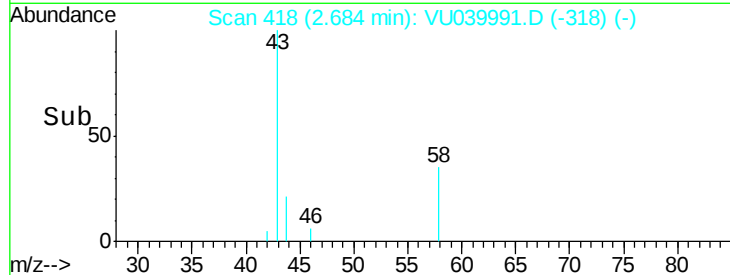
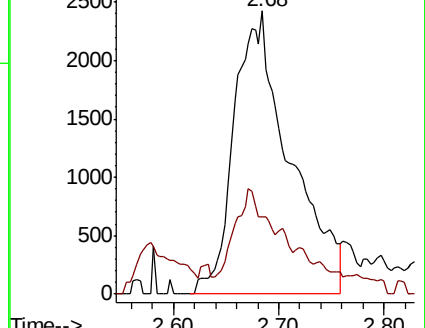
43 100

58 16.8 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039991.D (-418) (-)

Ion 58.05 (57.75 to 58.75): VU039991.D (-418) (-)



#15

Methyl Acetate

Concen: 0.189 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.01 min

Lab File: VU039991.D

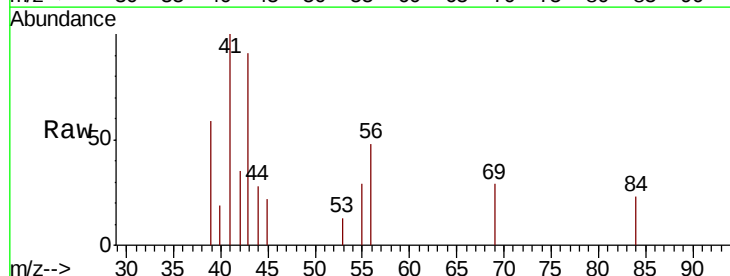
Acq: 27 Aug 2020 14:34

Tgt Ion: 43 Resp: 775

Ion Ratio Lower Upper

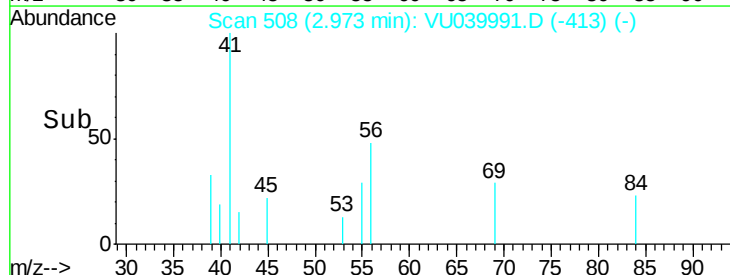
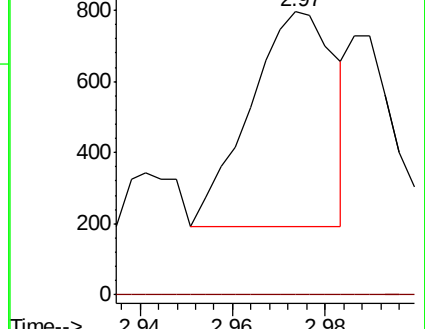
43 100

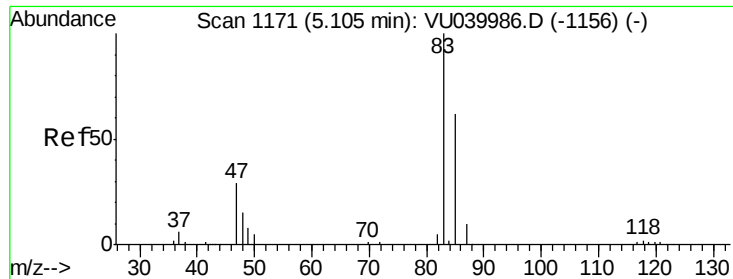
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU039991.D (-413) (-)

Ion 74.05 (73.75 to 74.75): VU039991.D (-413) (-)

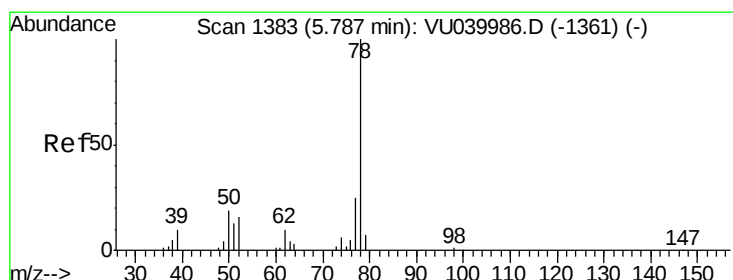
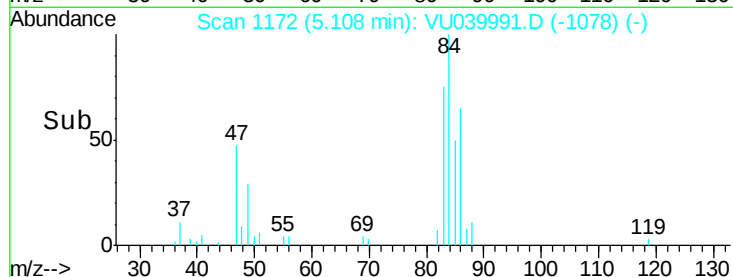
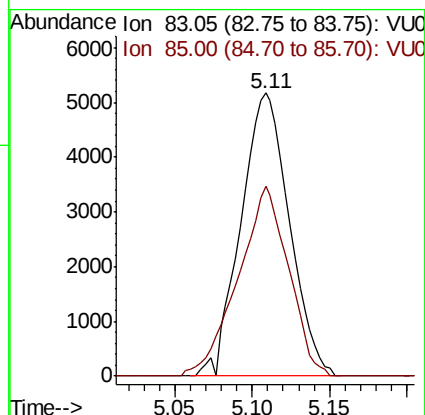
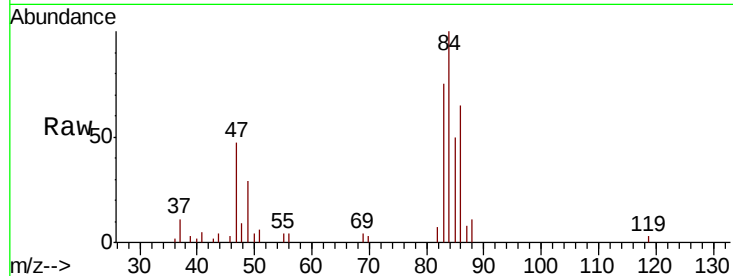




#25
Chloroform
Concen: 0.787 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039991.D
Acq: 27 Aug 2020 14:34

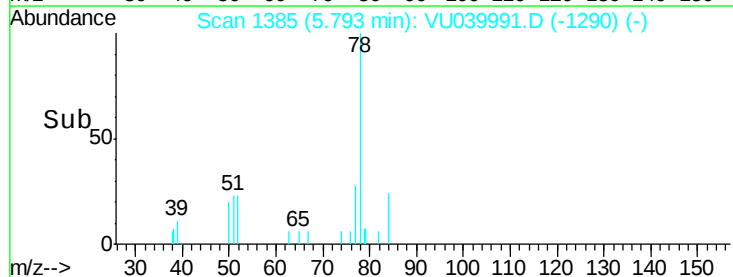
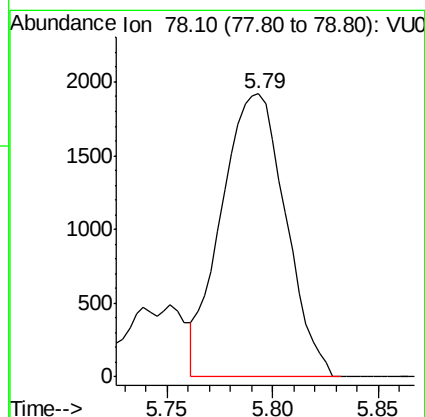
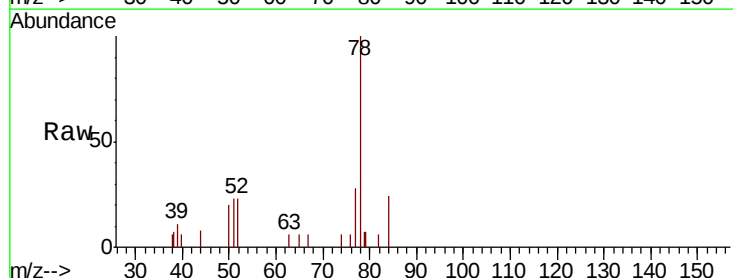
Instrument :
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H0AB3

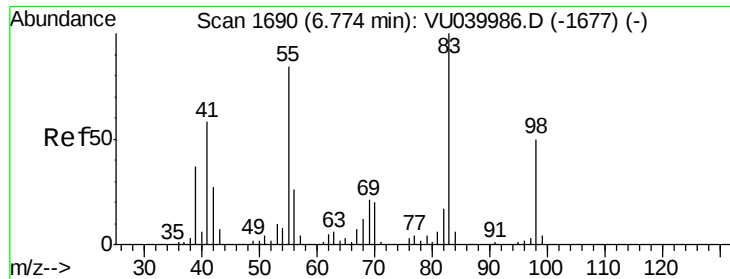
Tot Ion: 83 Resp: 11270
Ion Ratio Lower Upper
83 100
85 67.0 46.4 86.2



#33
Benzene
Concen: 0.139 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU039991.D
Acq: 27 Aug 2020 14:34

Tgt Ion: 78 Resp: 4063

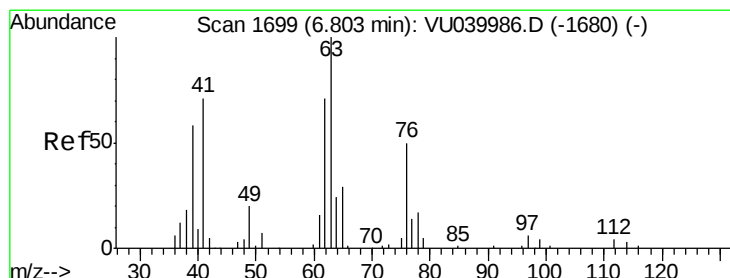
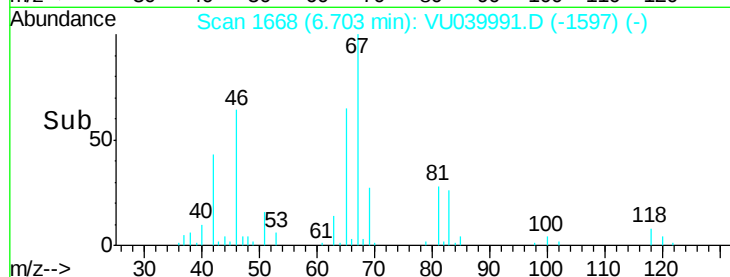
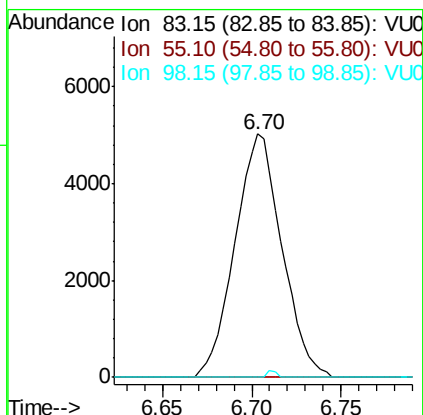
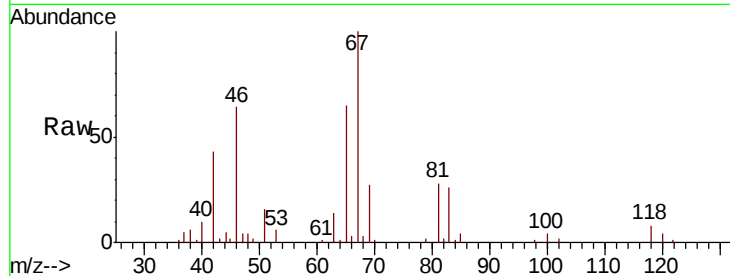




#35
Methvlcvclohexane
Concen: 0.792 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039991.D
Acq: 27 Aug 2020 14:34

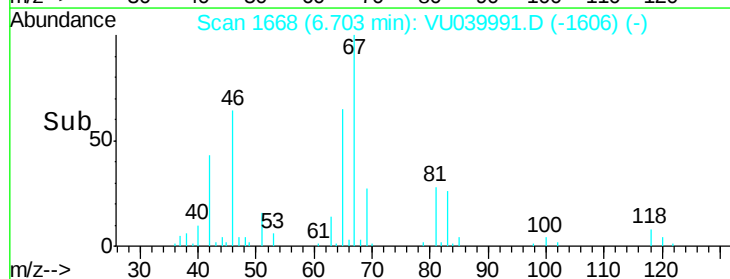
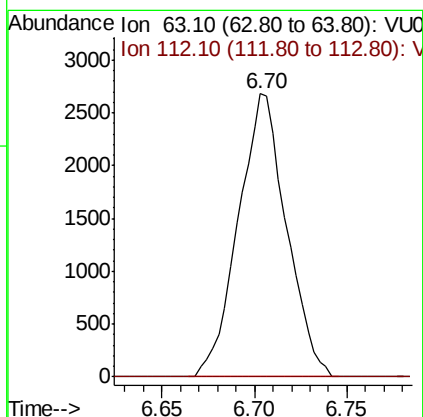
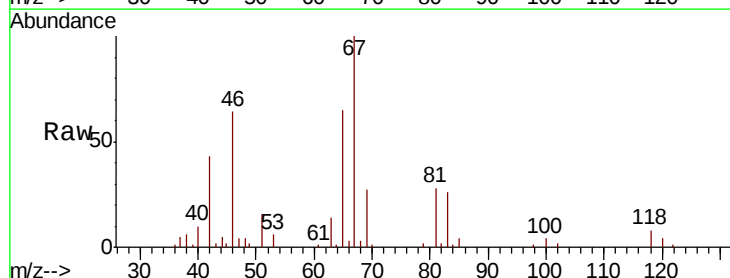
Instrument :
MSVOA_U
ClientSampleId :
H0AB3

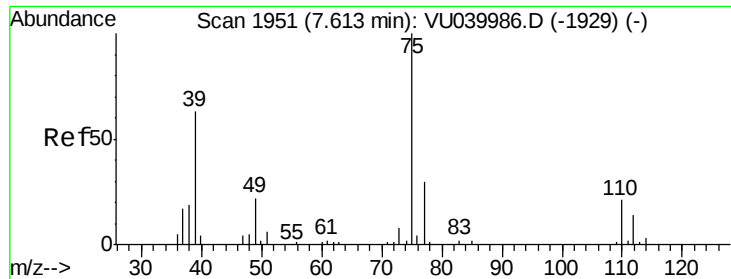
Tot Ion: 83 Resp: 9192
Ion Ratio Lower Upper
83 100
55 2.1 64.1 96.1#
98 0.5 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039991.D
Acq: 27 Aug 2020 14:34

Tgt Ion: 63 Resp: 4828
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

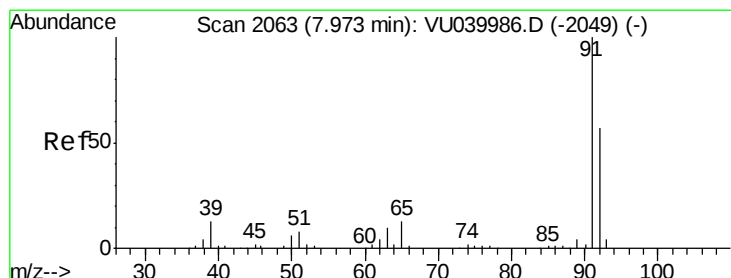
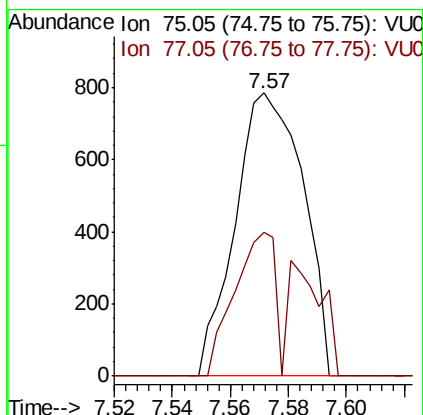
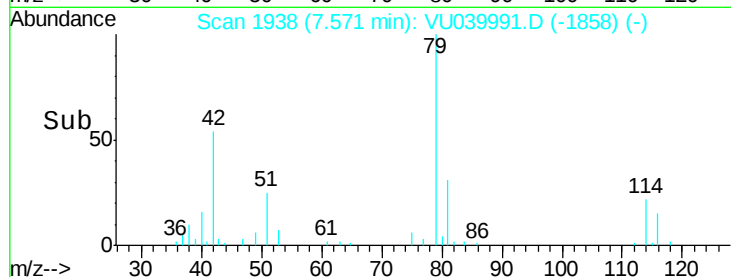
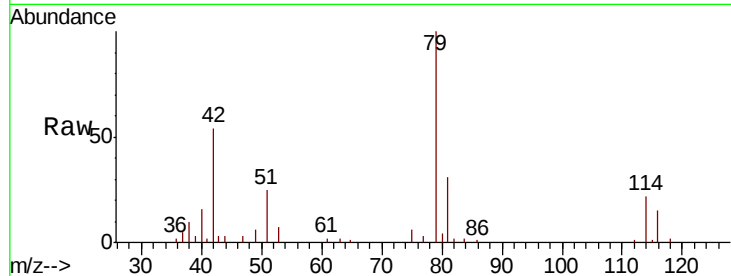




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039991.D
 Acq: 27 Aug 2020 14:34

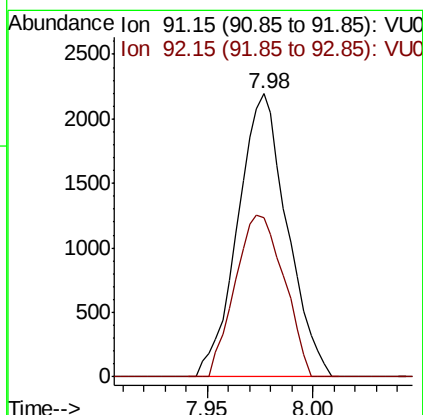
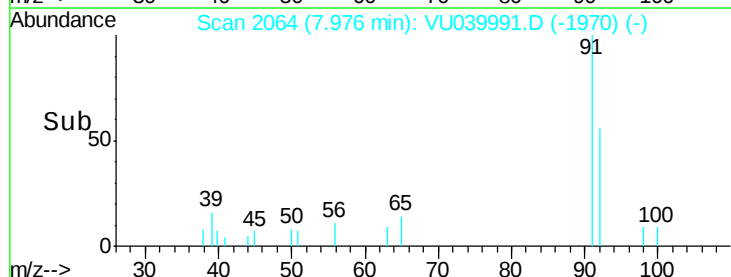
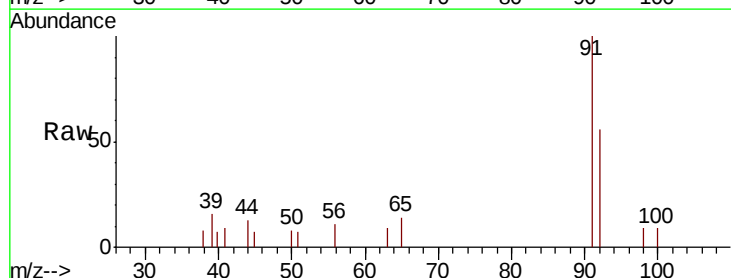
Instrument :
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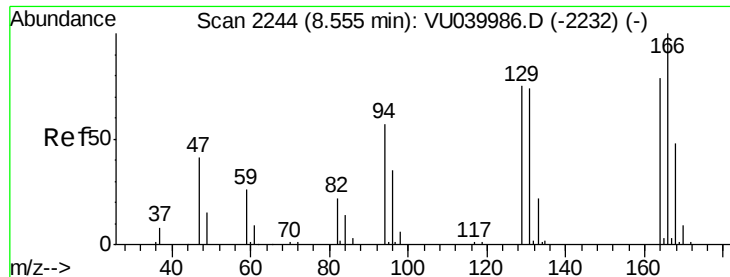
Tot Ion: 75 Resp: 1278
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.6 42.0#



#42
 Toluene
 Concen: 0.120 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU039991.D
 Acq: 27 Aug 2020 14:34

Tgt Ion: 91 Resp: 3572
 Ion Ratio Lower Upper
 91 100
 92 56.2 42.3 78.5

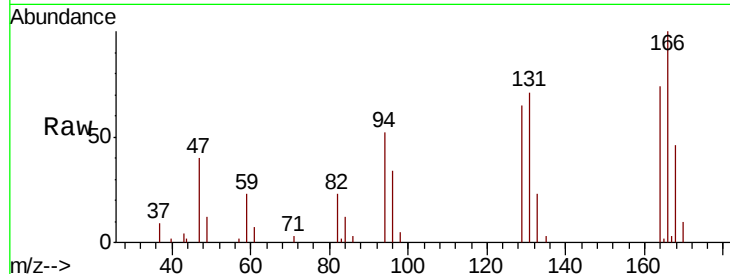




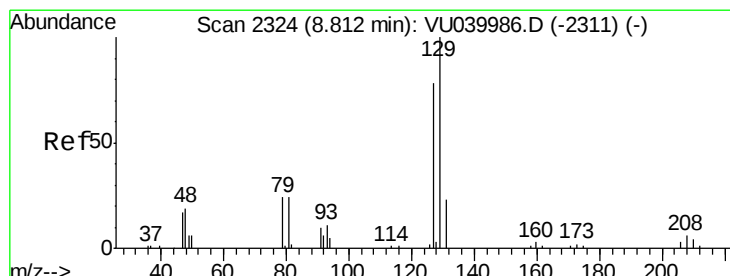
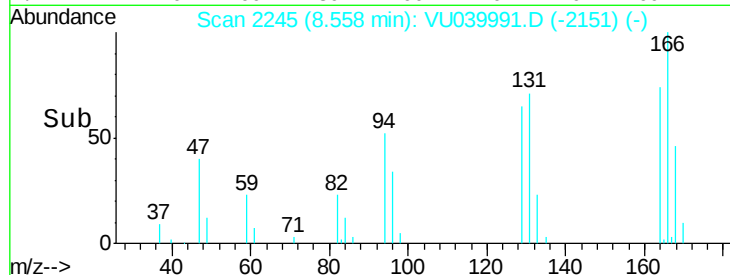
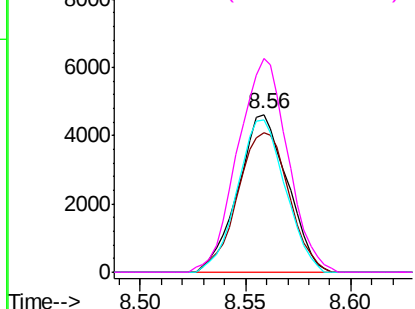
#47
Tetrachloroethene
Concen: 1.344 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039991.D
Acq: 27 Aug 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :
H0AB3

Tot Ion:164 Resp: 7514
Ion Ratio Lower Upper
164 100
129 88.5 69.1 128.3
131 96.9 66.0 122.6
166 135.6 94.0 174.6

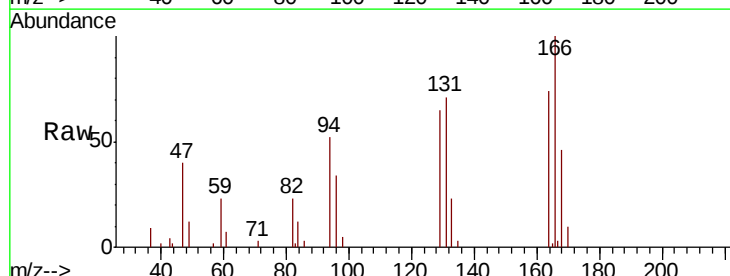


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

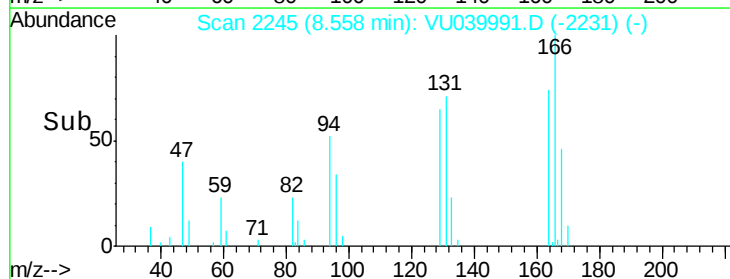
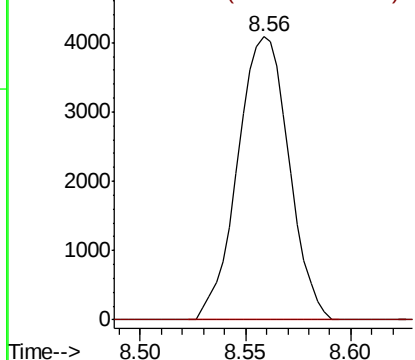


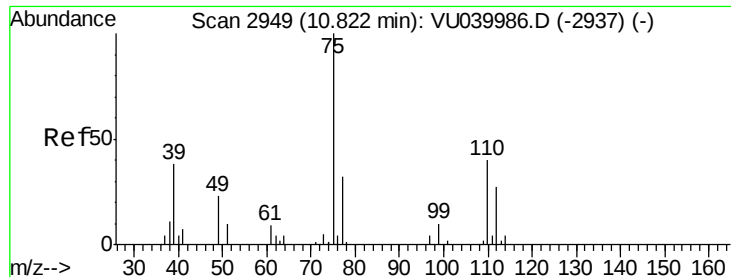
#49
Dibromochloromethane
Concen: 0.983 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU039991.D
Acq: 27 Aug 2020 14:34

Tgt Ion:129 Resp: 6916
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.078 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039991.D

Acq: 27 Aug 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

H0AB3

Tot Ion: 75 Resp: 5992

Ion Ratio Lower Upper

75 100

77 39.2 27.4 41.2

