

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102720\
 Data File : VU040983.D
 Acq On : 27 Oct 2020 15:08
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Oct 28 02:26:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 28 02:17:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57008	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23873	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	19790	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	36744	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.67	46	84863	53.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.62%
24) Chloroform-d	5.08	84	43403	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	27070	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	79690	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	26716	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	62048	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	10770	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	59000	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23819	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23222	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

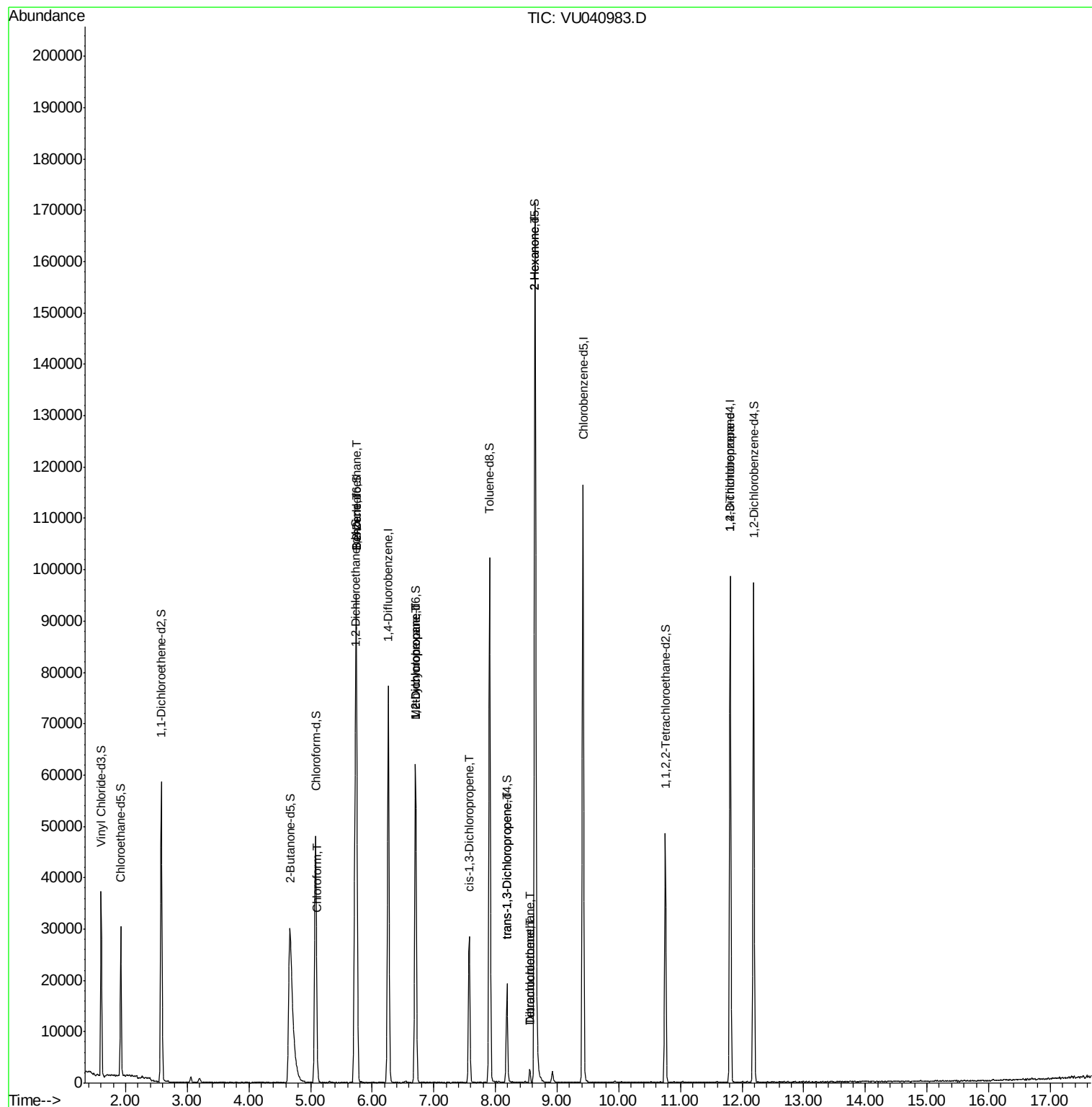
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.11	83	739	0.090	ug/L	99
27) 1,2-Dichloroethane	5.74	62	454	0.074	ug/L #	74
33) Benzene	5.75	78	516	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	6395	0.933	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3198	0.655	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	689	0.102	ug/L	98
44) trans-1,3-Dichloropropene	8.19	75	528	0.084	ug/L	89
47) Tetrachloroethene	8.56	164	599	0.177	ug/L #	79
48) 2-Hexanone	8.64	43	8743	2.981	ug/L #	69
49) Dibromochloromethane	8.56	129	640	0.152	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3186	0.875	ug/L #	87

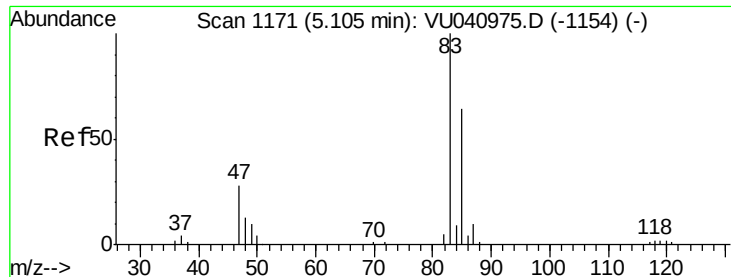
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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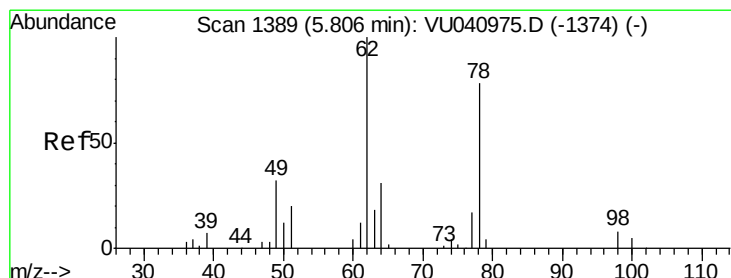
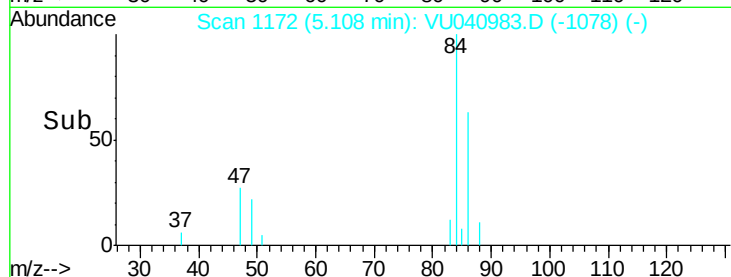
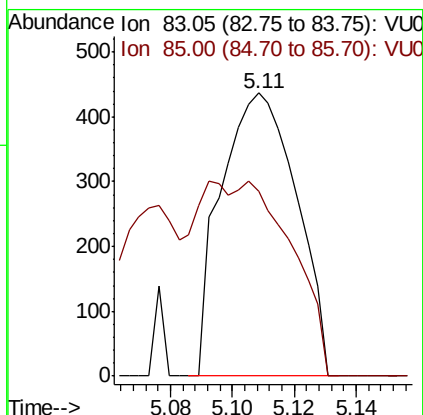
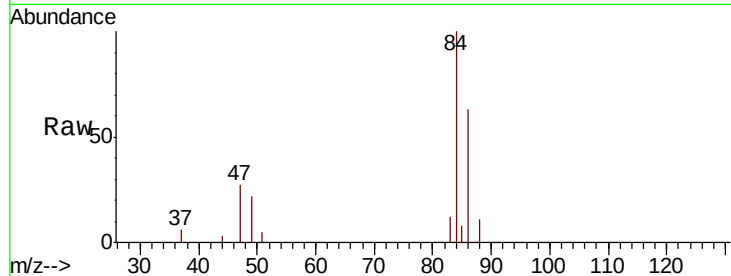




#25
Chloroform
Concen: 0.090 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040983.D
Acq: 27 Oct 2020 15:08

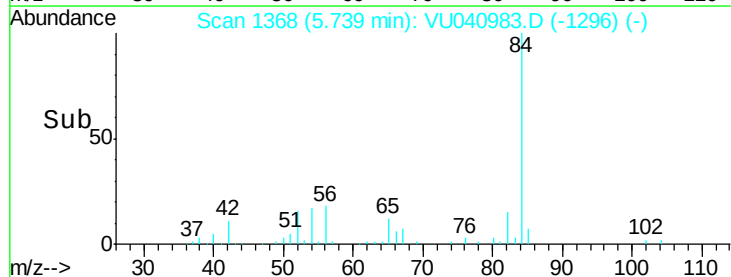
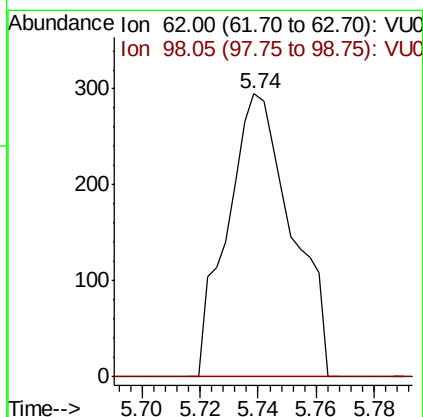
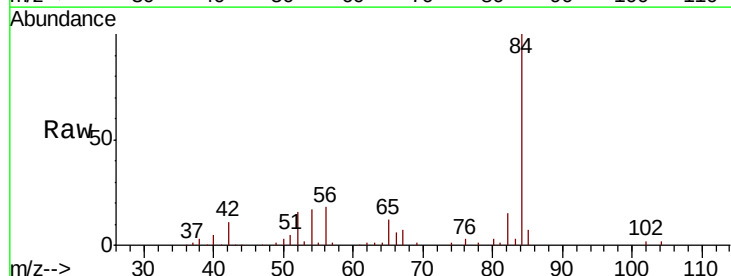
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

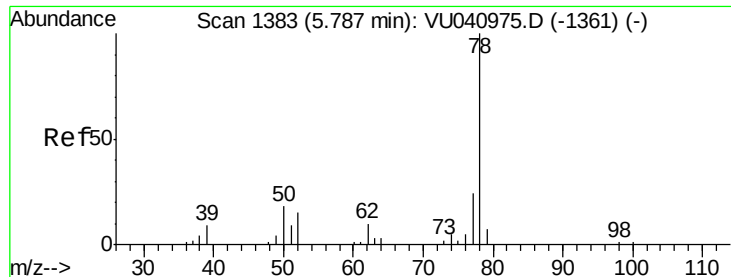
Tot Ion: 83 Resp: 739
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.074 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040983.D
Acq: 27 Oct 2020 15:08

Tgt Ion: 62 Resp: 454
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.029 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.04 min

Lab File: VU040983.D

Acq: 27 Oct 2020 15:08

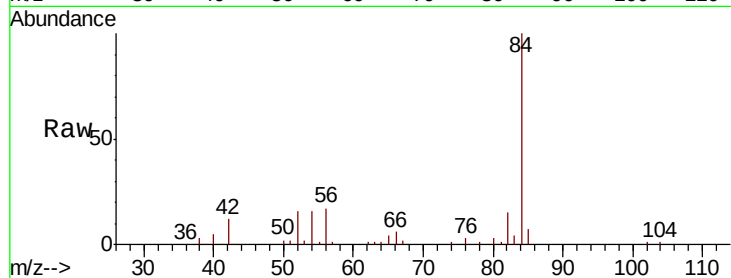
Instrument :

MSVOA_U

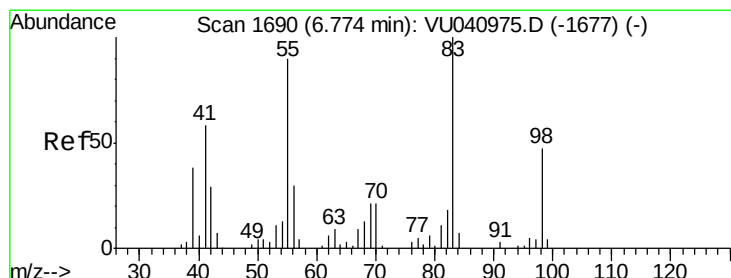
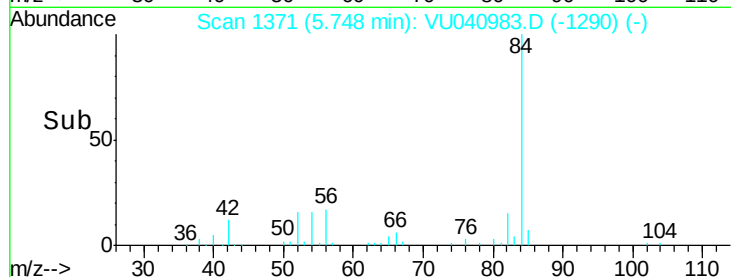
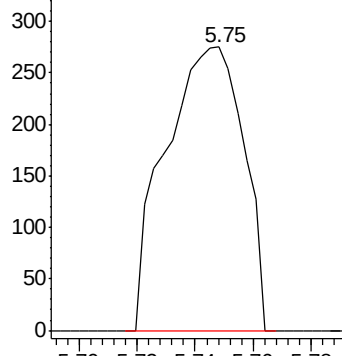
ClientSampleId :

VIBLK40

Tgt Ion: 78 Resp: 516



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.70 min Scan# 1668

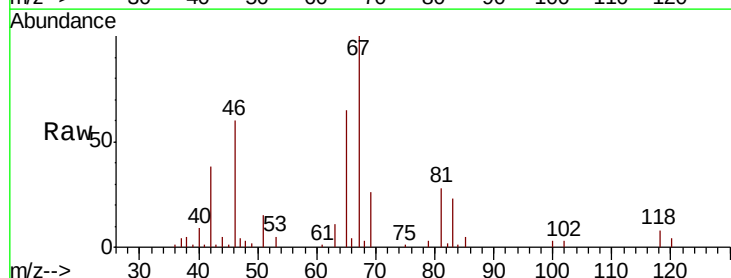
Delta R.T. -0.07 min

Lab File: VU040983.D

Acq: 27 Oct 2020 15:08

Tgt Ion: 83 Resp: 6395

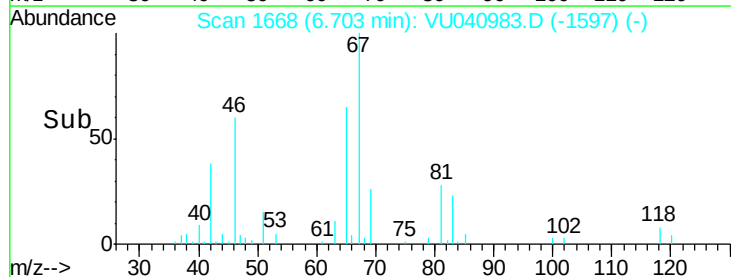
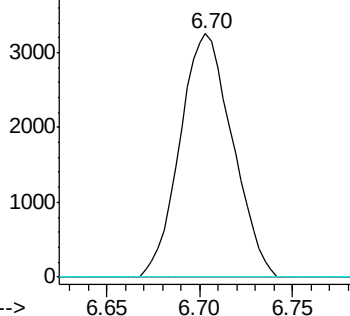
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

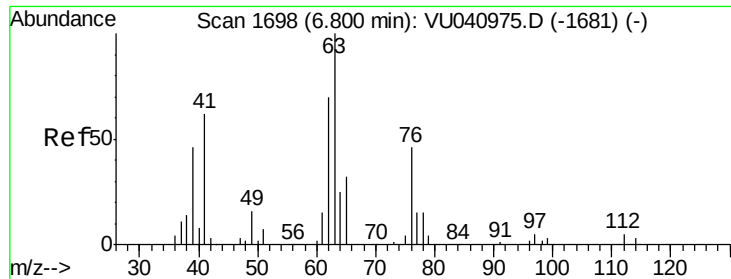


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

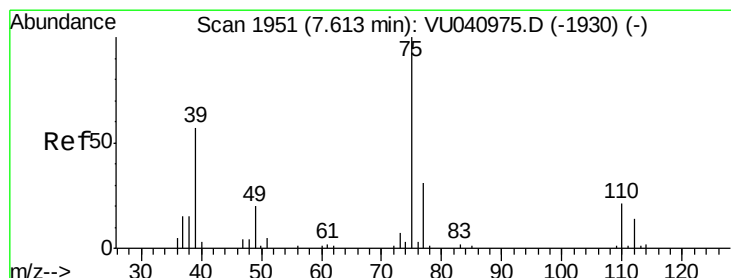
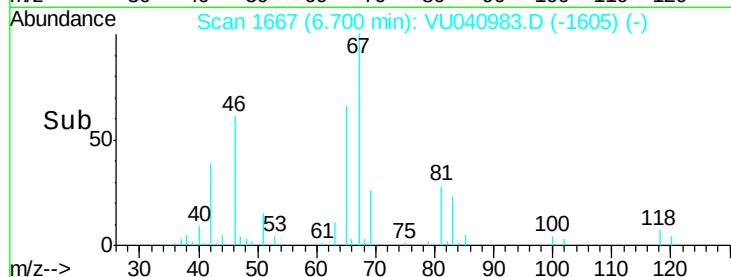
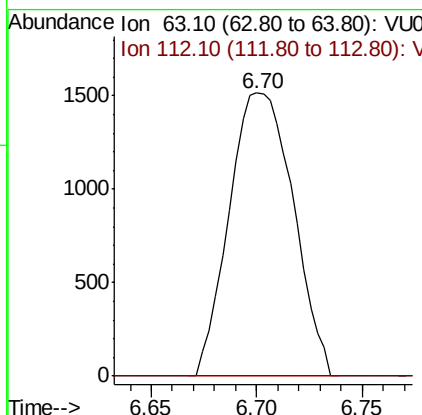
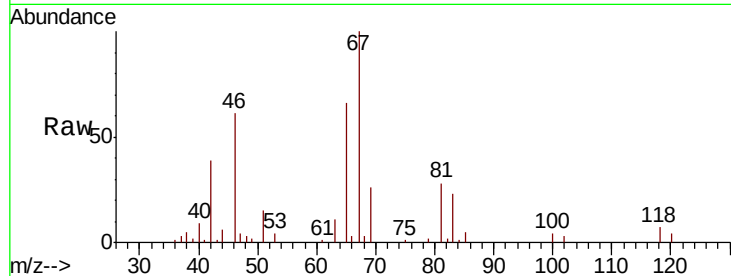




#37
 1,2-Dichloropropane
 Concen: 0.655 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040983.D
 Acq: 27 Oct 2020 15:08

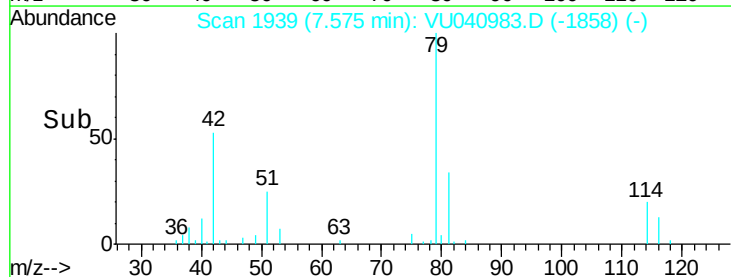
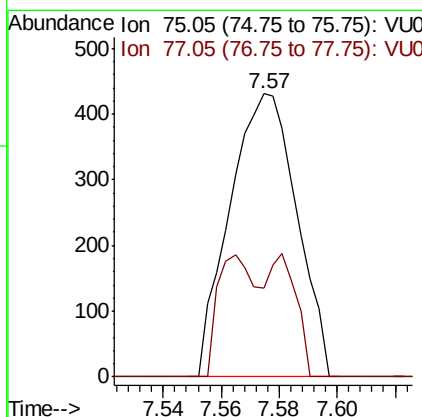
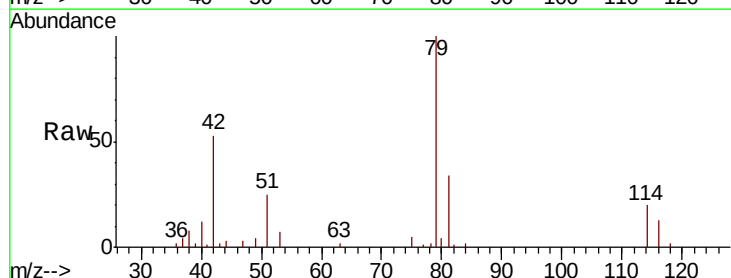
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 VIBLK40

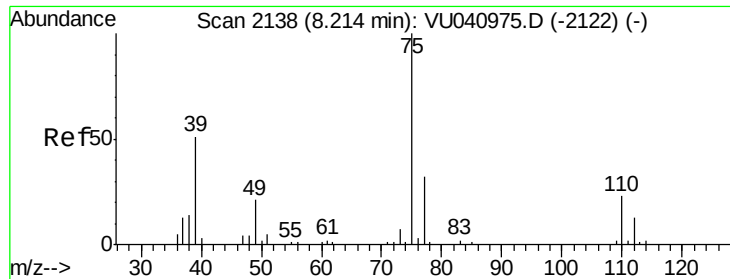
Tot Ion: 63 Resp: 3198
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040983.D
 Acq: 27 Oct 2020 15:08

Tgt Ion: 75 Resp: 689
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.7 42.3





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040983.D

Acq: 27 Oct 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

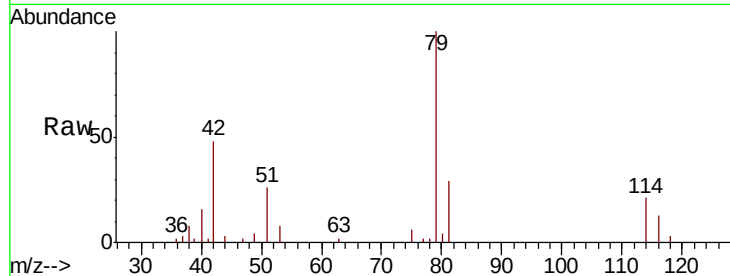
VIBLK40

Tot Ion: 75 Resp: 528

Ion Ratio Lower Upper

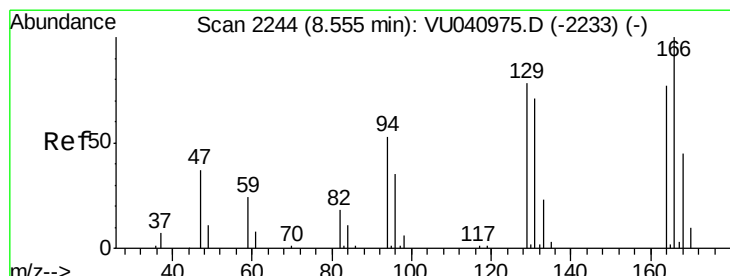
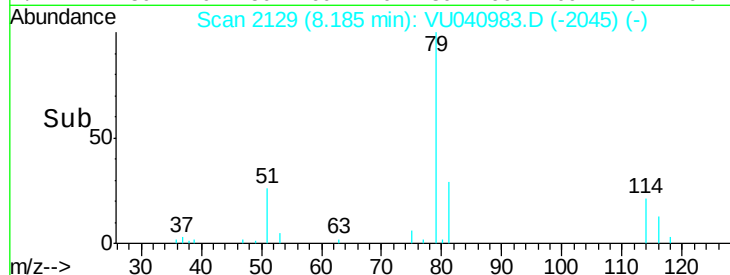
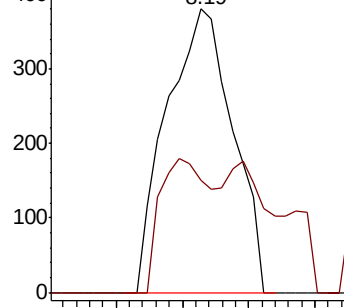
75 100

77 39.7 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.177 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU040983.D

Acq: 27 Oct 2020 15:08

Tgt Ion:164 Resp: 599

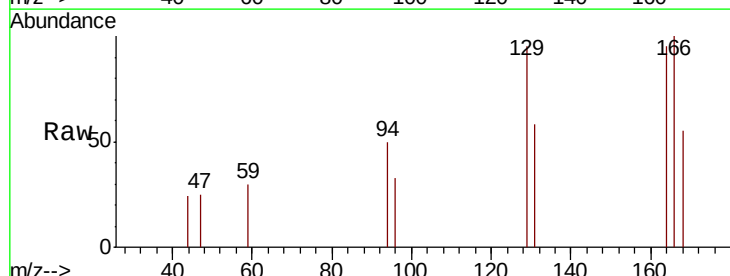
Ion Ratio Lower Upper

164 100

129 100.2 70.3 130.7

131 61.1 70.8 131.4#

166 105.4 92.0 170.8

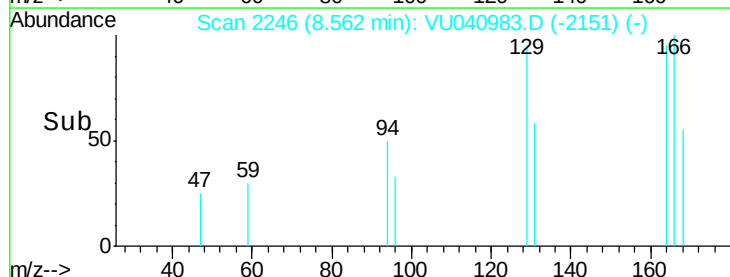
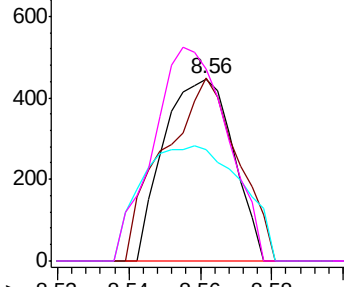


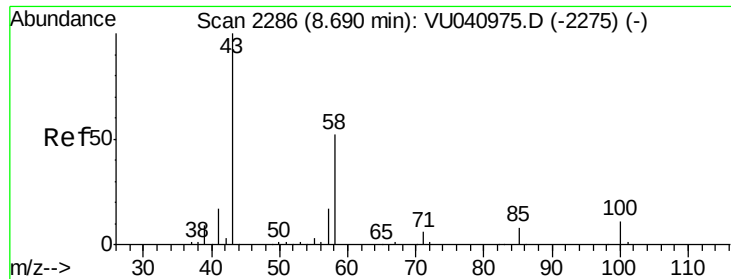
Abundance Ion 163.90 (163.60 to 164.60): V

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

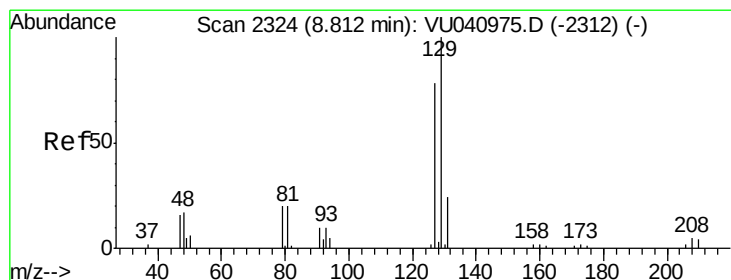
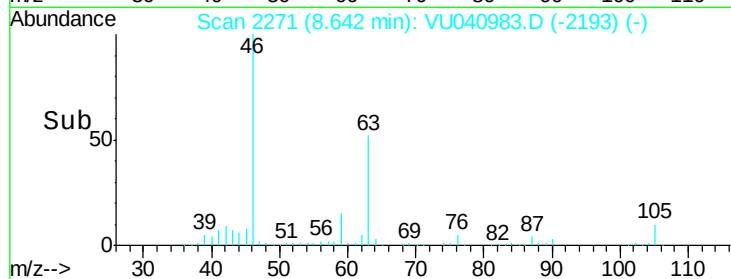
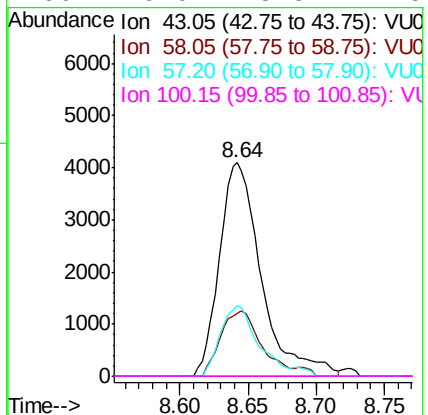
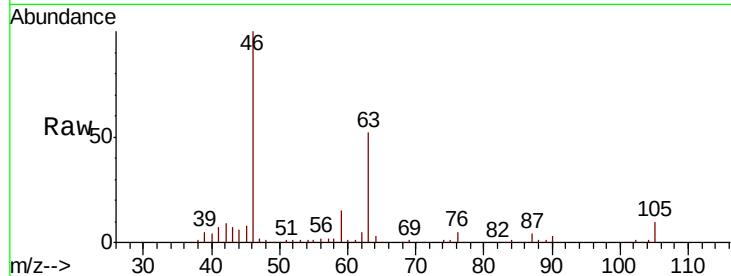




#48
2-Hexanone
Concen: 2.981 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040983.D
Acq: 27 Oct 2020 15:08

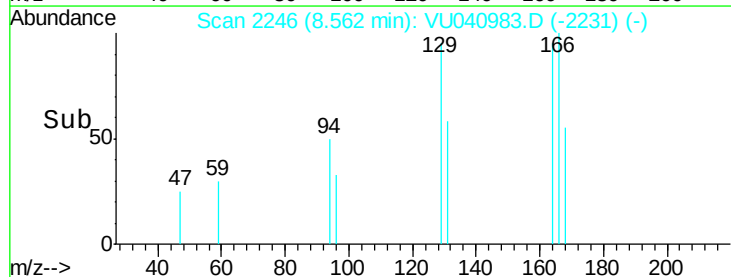
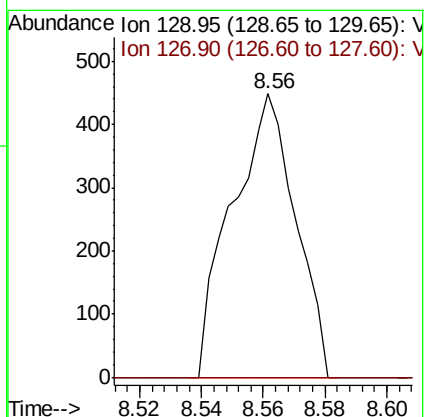
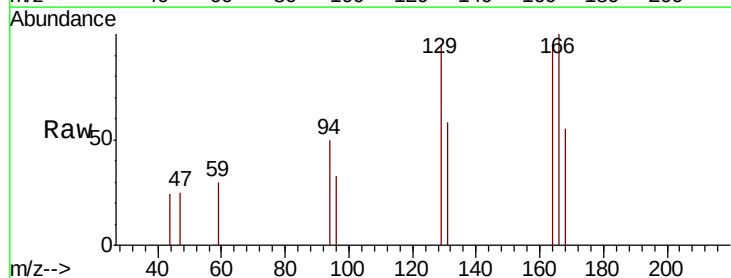
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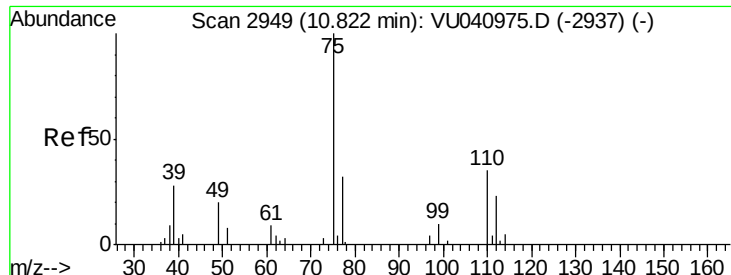
Tot Ion: 43 Resp: 8743
Ion Ratio Lower Upper
43 100
58 29.2 41.4 62.2#
57 31.1 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 0.152 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU040983.D
Acq: 27 Oct 2020 15:08

Tgt Ion: 129 Resp: 640
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 0.875 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040983.D

Acq: 27 Oct 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tot Ion: 75 Resp: 3186

Ion Ratio Lower Upper

75 100

77 39.5 25.7 38.5#

