

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040496.D
 Acq On : 03 Oct 2020 21:43
 Operator : SY/MD
 Sample : VIBLK71
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK71

Quant Time: Oct 05 01:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28723	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	25596	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.58	63	46265	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	133811	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	5.08	84	63571	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	40966	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.75	84	121115	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.70	67	43556	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.91	98	97461	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.19	79	16885	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.64	63	89333	46.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37361	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38812	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

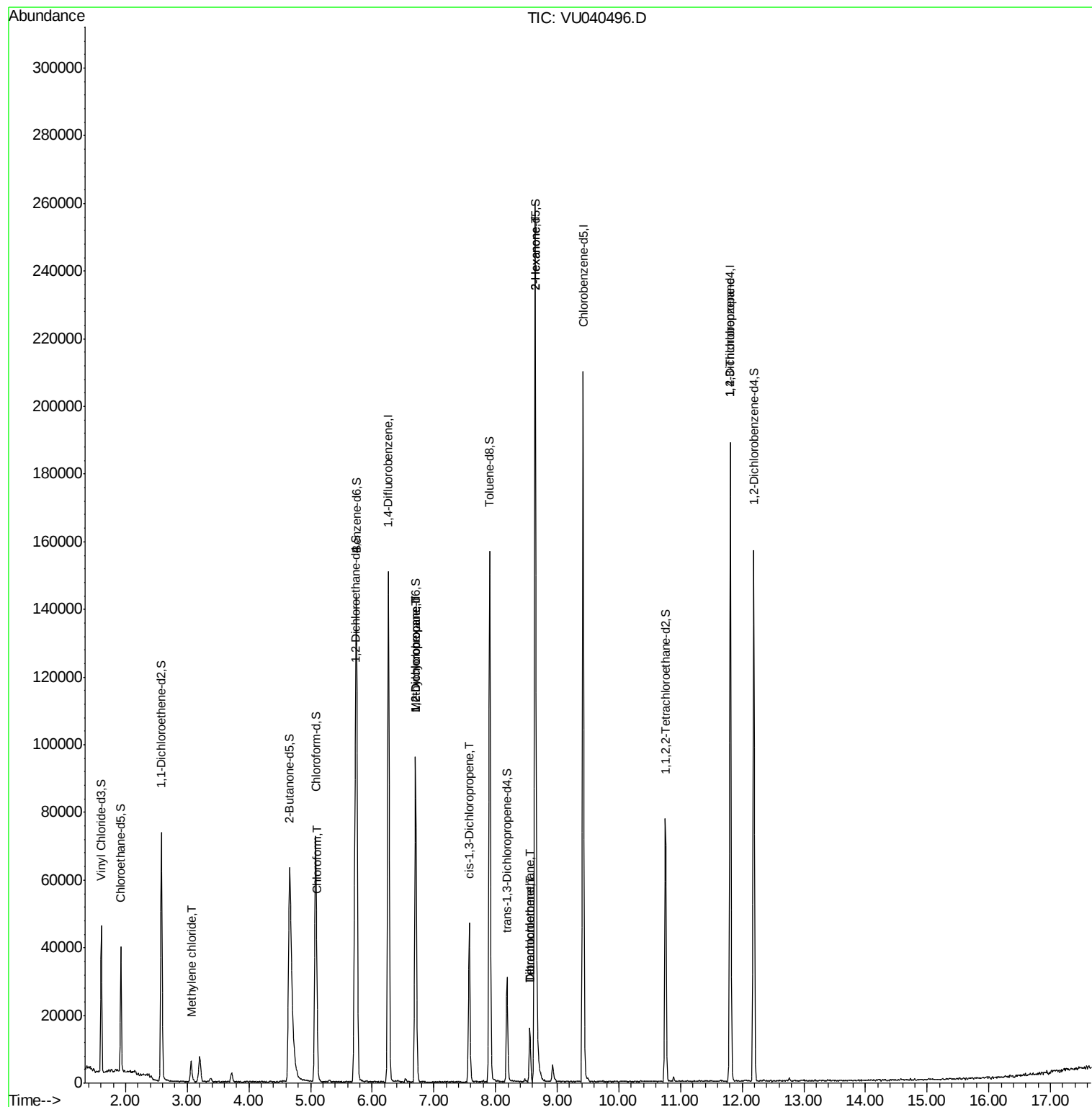
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2916	0.273	ug/L	93
25) Chloroform	5.11	83	3955	0.215	ug/L	97
35) Methylcyclohexane	6.70	83	10105	0.713	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4847	0.478	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1159	0.085	ug/L #	62
47) Tetrachloroethene	8.56	164	3212	0.468	ug/L	97
48) 2-Hexanone	8.64	43	13902	2.375	ug/L #	69
49) Dibromochloromethane	8.56	129	3280	0.397	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6288	0.855	ug/L	89

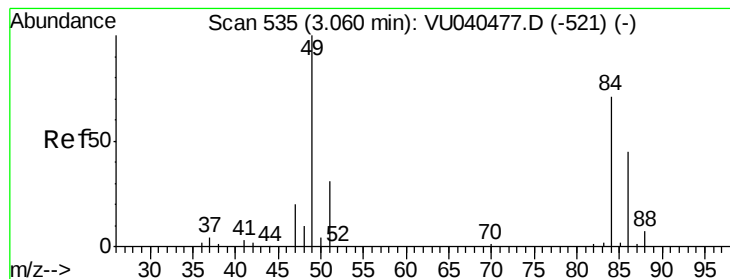
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.273 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040496.D

Acq: 03 Oct 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

VIBLK71

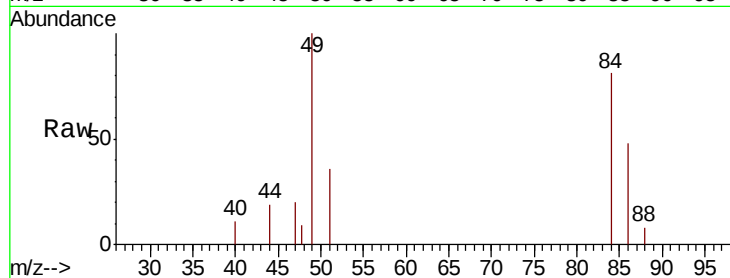
Tot Ion: 84 Resp: 2916

Ion Ratio Lower Upper

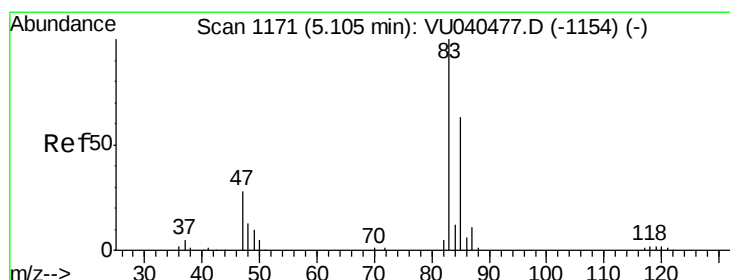
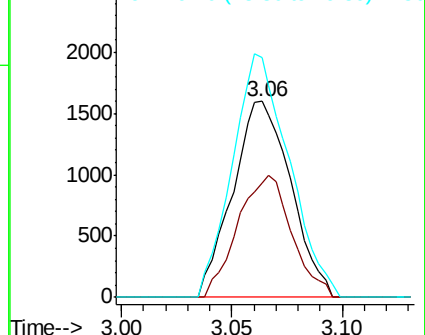
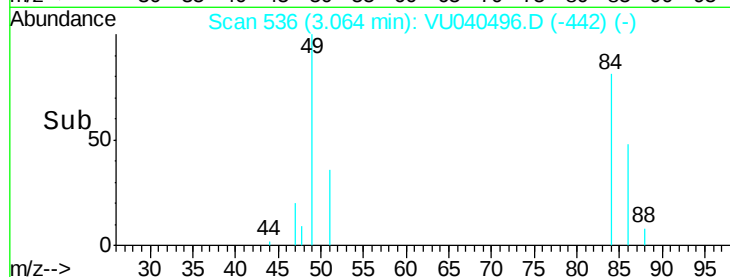
84 100

86 58.6 44.4 82.5

49 122.8 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040496.D (-442) (-)



#25

Chloroform

Concen: 0.215 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040496.D

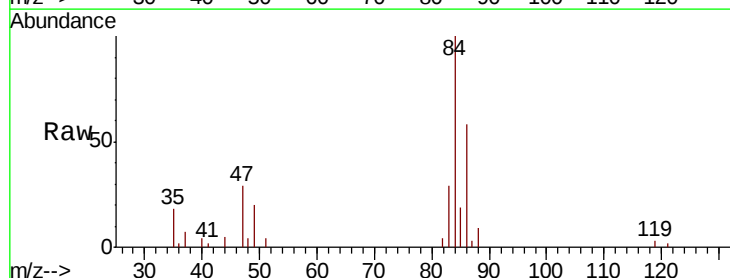
Acq: 03 Oct 2020 21:43

Tgt Ion: 83 Resp: 3955

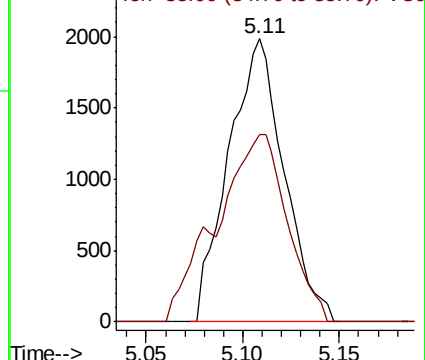
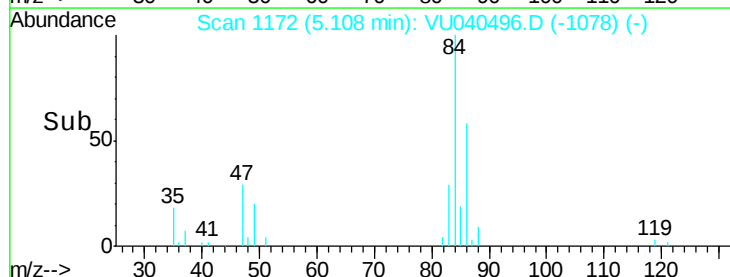
Ion Ratio Lower Upper

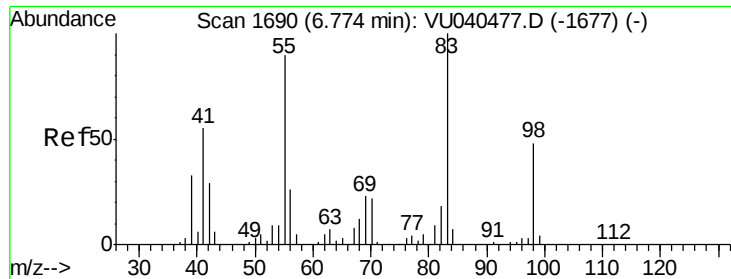
83 100

85 66.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040496.D (-1078) (-)

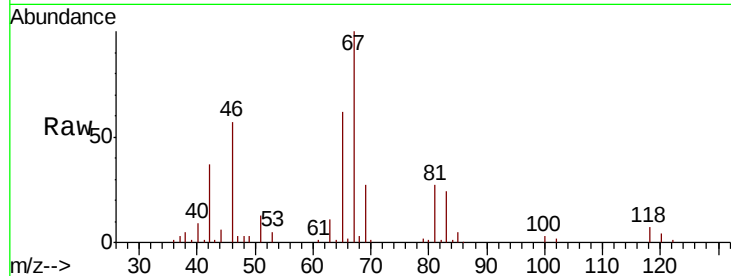




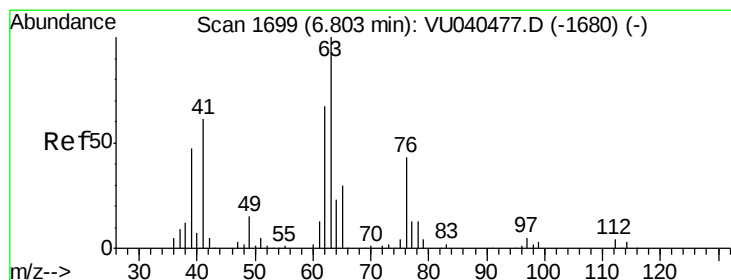
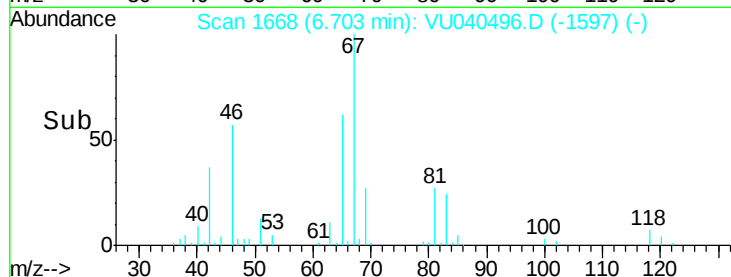
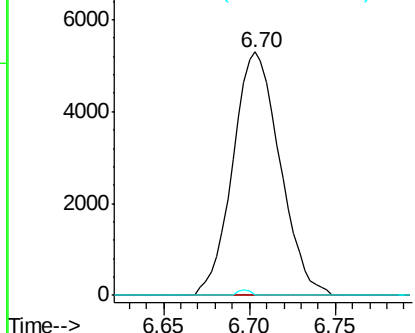
#35
Methvlcvclohexane
Concen: 0.713 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040496.D
Acq: 03 Oct 2020 21:43

Instrument :
MSVOA_U
ClientSampleId :
VIBLK71

Tot Ion: 83 Resp: 10105
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.6 38.5 57.7#

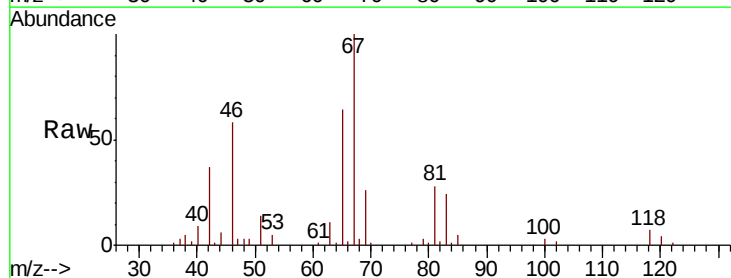


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

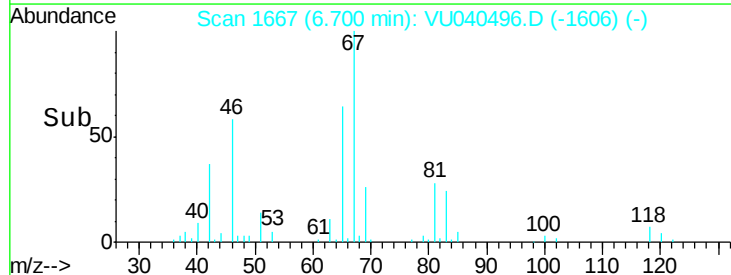
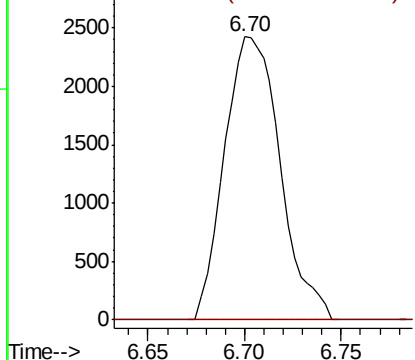


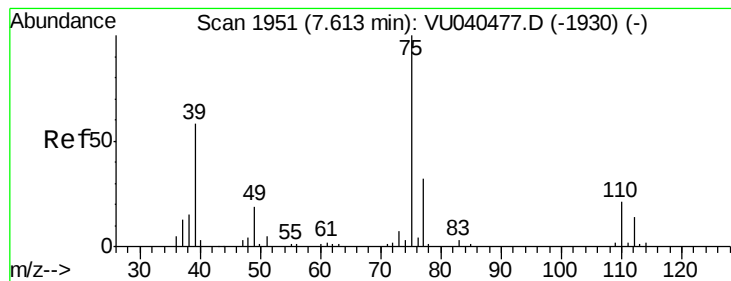
#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040496.D
Acq: 03 Oct 2020 21:43

Tgt Ion: 63 Resp: 4847
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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: 0.085 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040496.D

Acq: 03 Oct 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

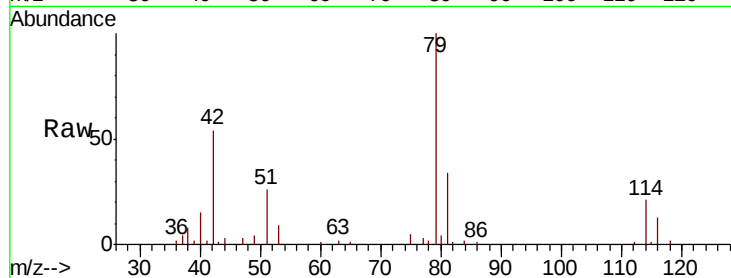
VIBLK71

Tot Ion: 75 Resp: 1159

Ion Ratio Lower Upper

75 100

77 55.2 23.5 43.7#



Abundance Ion 75.05 (74.75 to 75.75): VU040496.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU040496.D (-1858) (-)

7.57

600

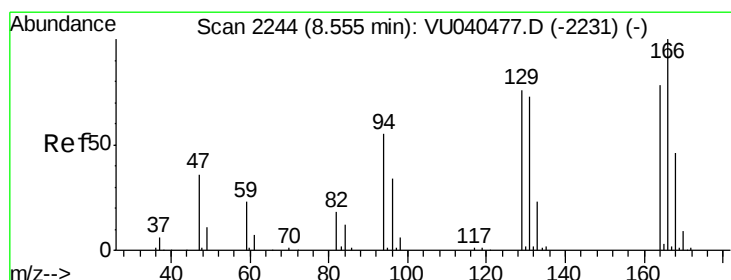
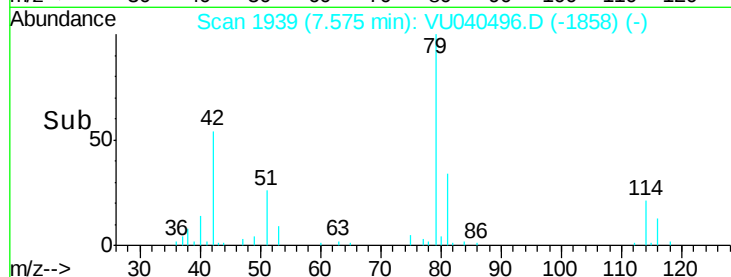
400

200

0

7.55 7.60

Time-->



#47

Tetrachloroethene

Concen: 0.468 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040496.D

Acq: 03 Oct 2020 21:43

Tgt Ion: 164 Resp: 3212

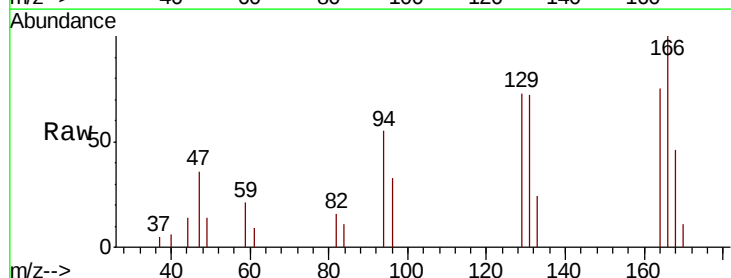
Ion Ratio Lower Upper

164 100

129 96.8 70.3 130.7

131 95.5 69.2 128.6

166 132.6 91.1 169.3



Abundance Ion 163.90 (163.60 to 164.60): VU040496.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040496.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040496.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040496.D (-2151) (-)

4000

3000

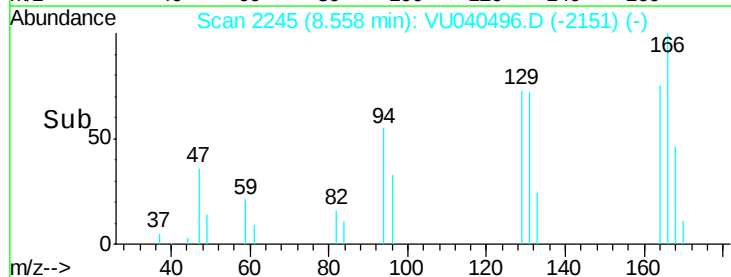
2000

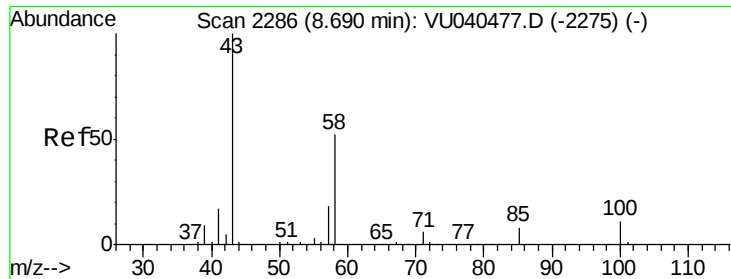
1000

0

8.50 8.55 8.60

Time-->

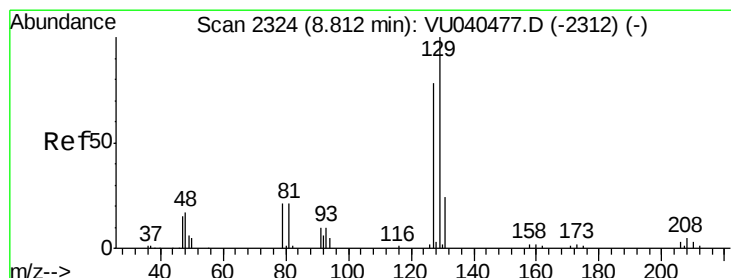
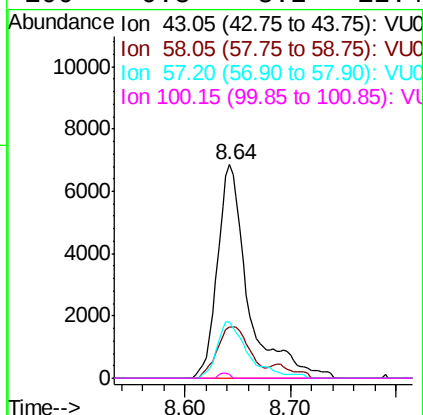
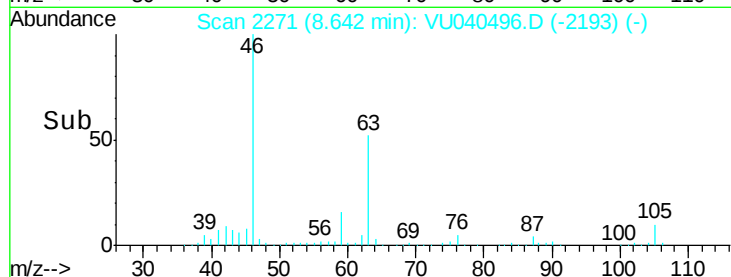
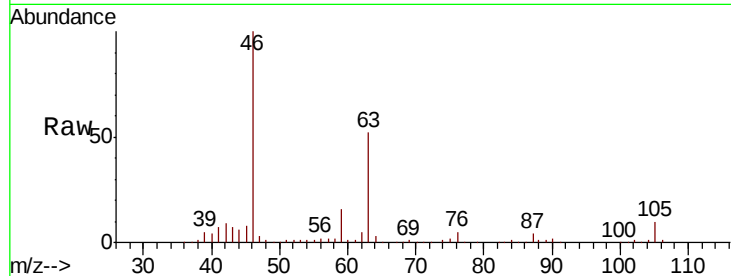




#48
2-Hexanone
Concen: 2.375 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040496.D
Acq: 03 Oct 2020 21:43

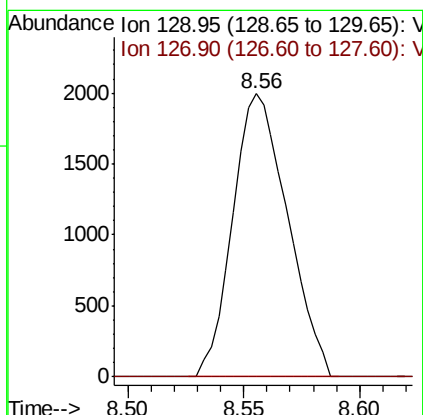
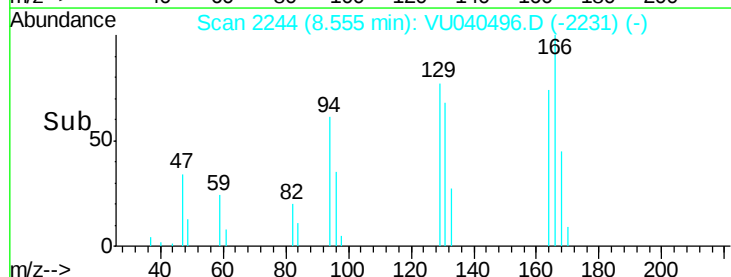
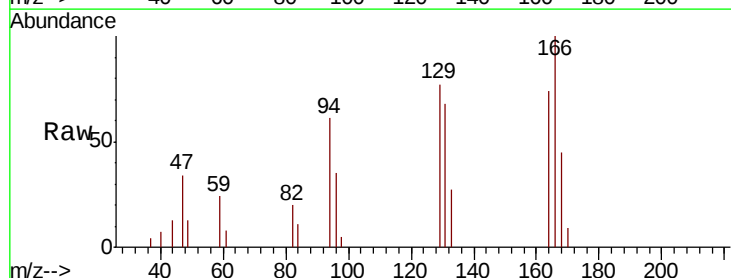
Instrument :
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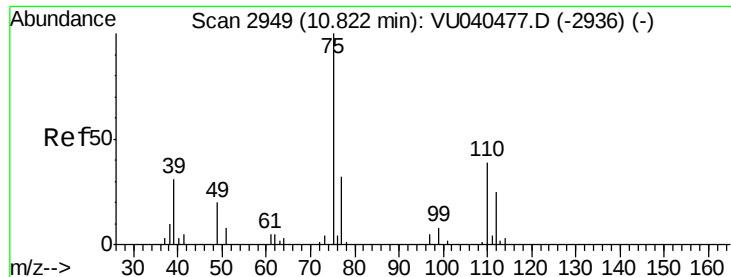
Tot Ion:	43	Resp:	13902
Ion	Ratio	Lower	Upper
43	100		
58	25.2	41.0	61.4#
57	25.9	14.6	22.0#
100	0.8	8.2	12.4#



#49
Dibromochloromethane
Concen: 0.397 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040496.D
Acq: 03 Oct 2020 21:43

Tgt Ion:	129	Resp:	3280
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#





#59

1,2,3-Trichloropropane

Concen: 0.855 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040496.D

Acq: 03 Oct 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

VIBLK71

Tot Ion: 75 Resp: 6288

Ion Ratio Lower Upper

75 100

77 38.3 25.7 38.5

