

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039562.D
 Acq On : 17 Jul 2020 19:53
 Operator : SY/MD
 Sample : L3292-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jul 17 23:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	90983	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20444	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.92	69	23001	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.58	63	32609	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	111076	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	5.09	84	47150	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.72	65	34457	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.75	84	100532	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.71	67	34337	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.91	98	87494	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.19	79	13096	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	75687	39.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.68%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31098	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35044	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

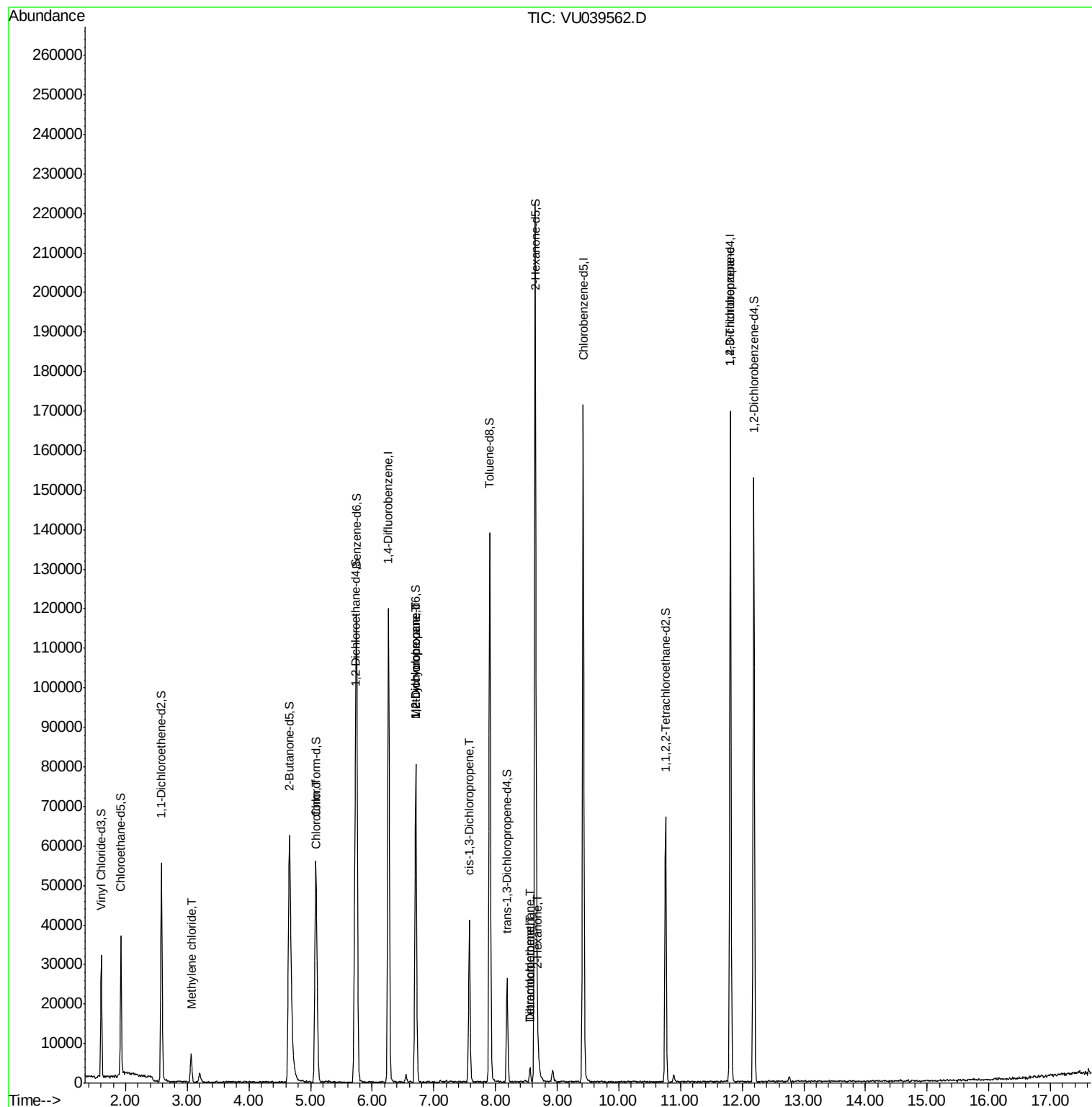
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2792	0.410	ug/L	91
25) Chloroform	5.11	83	8219	0.694	ug/L	91
35) Methylcyclohexane	6.70	83	7899	0.735	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4302	0.608	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	939	0.088	ug/L #	21
47) Tetrachloroethene	8.56	164	772	0.165	ug/L	88
48) 2-Hexanone	8.69	43	4136	0.950	ug/L #	49
49) Dibromochloromethane	8.56	129	658	0.107	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6403	1.227	ug/L	92

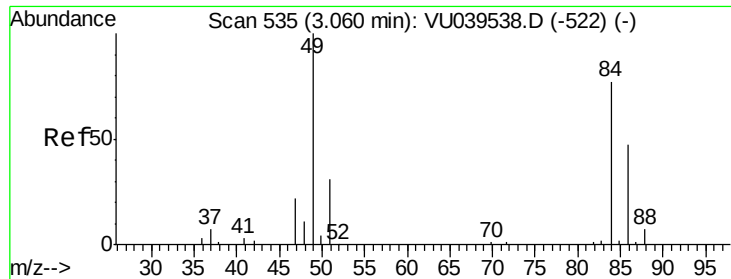
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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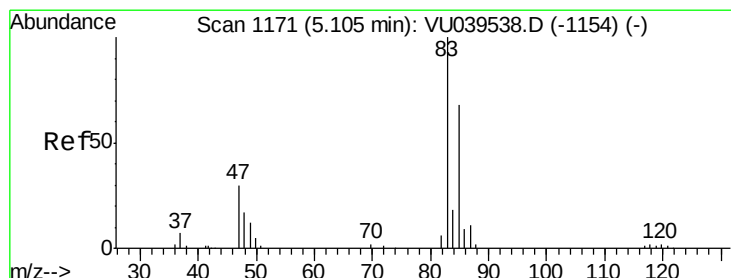
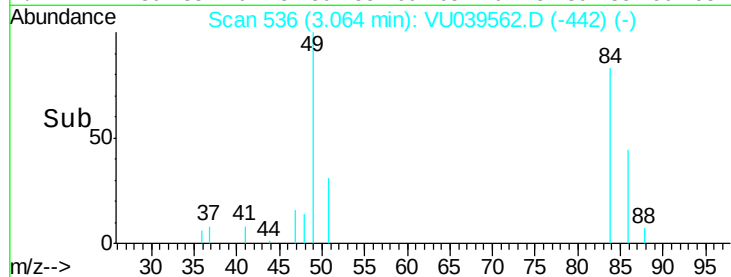
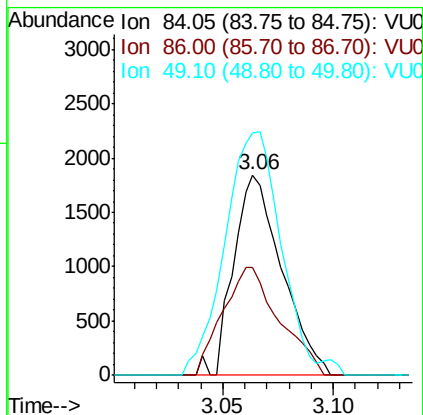
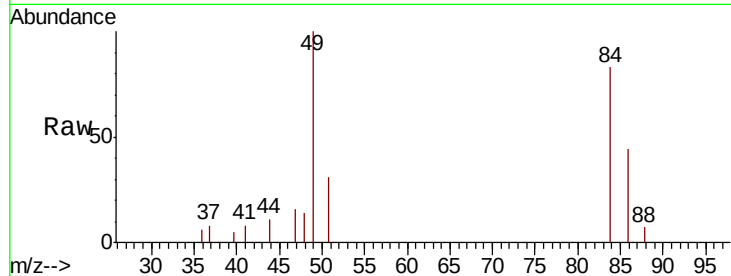




#16
Methylene chloride
Concen: 0.410 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039562.D
Acq: 17 Jul 2020 19:53

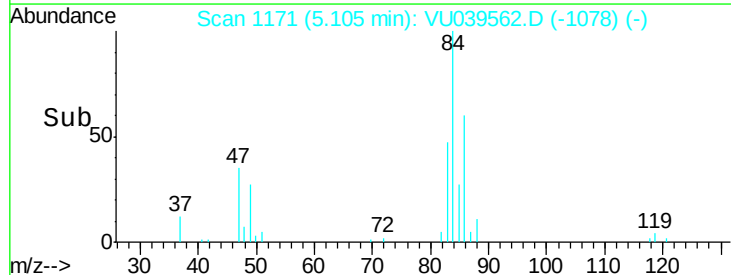
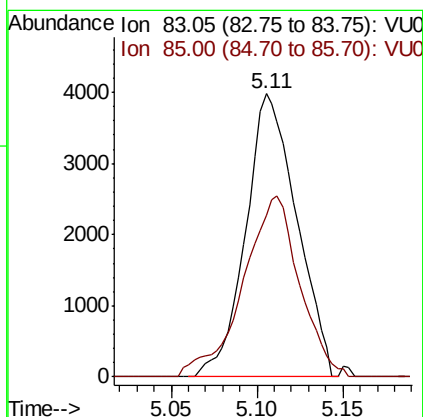
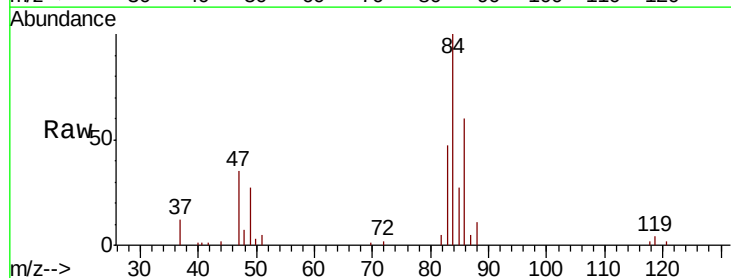
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

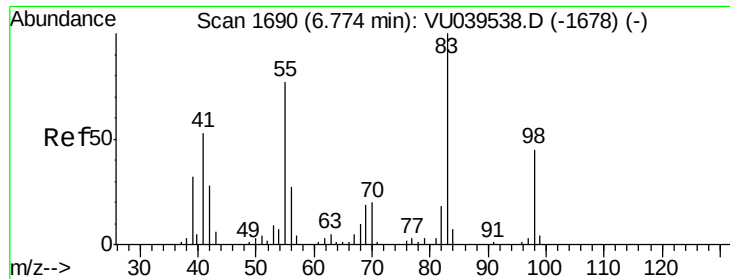
Tot Ion: 84 Resp: 2792
Ion Ratio Lower Upper
84 100
86 53.7 43.5 80.9
49 121.2 91.1 169.1



#25
Chloroform
Concen: 0.694 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039562.D
Acq: 17 Jul 2020 19:53

Tgt Ion: 83 Resp: 8219
Ion Ratio Lower Upper
83 100
85 57.1 44.9 83.5

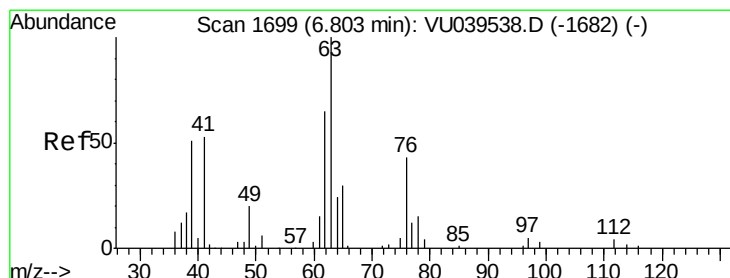
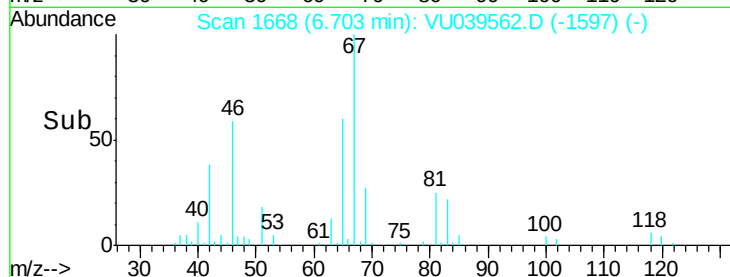
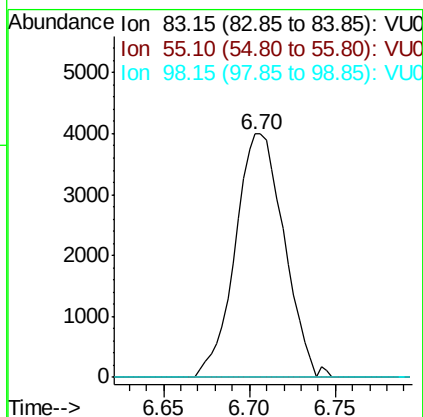
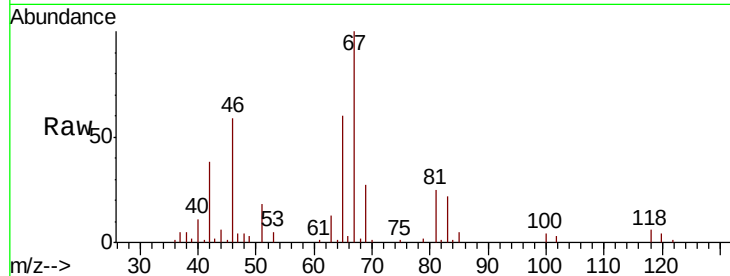




#35
Methylvlcyclohexane
Concen: 0.735 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039562.D
Acq: 17 Jul 2020 19:53

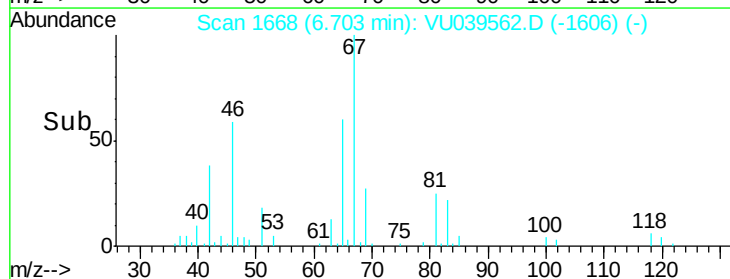
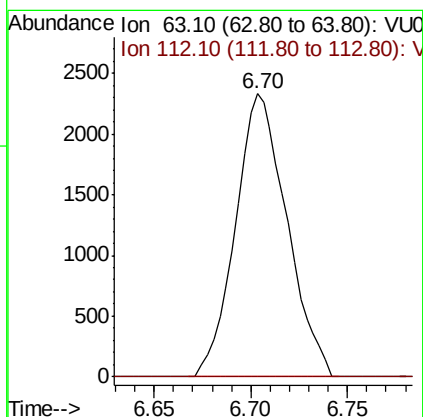
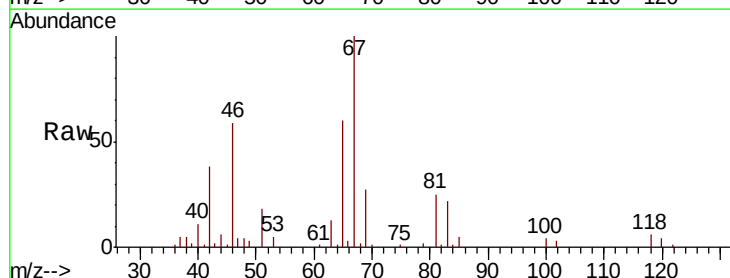
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

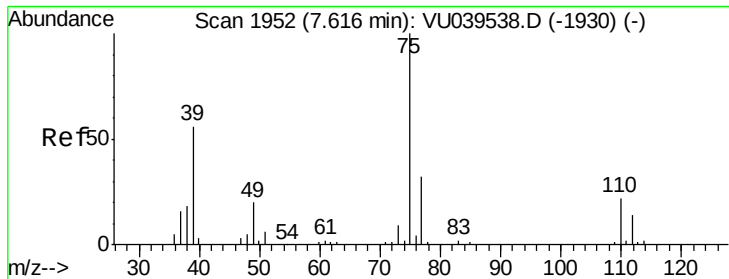
Tot Ion: 83 Resp: 7899
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039562.D
Acq: 17 Jul 2020 19:53

Tgt Ion: 63 Resp: 4302
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039562.D

Acq: 17 Jul 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

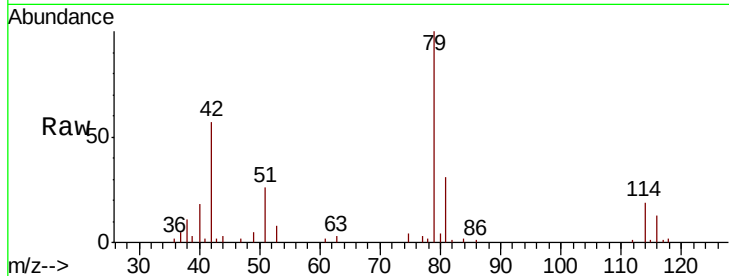
VHBLK01

Tot Ion: 75 Resp: 939

Ion Ratio Lower Upper

75 100

77 75.9 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039562.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039562.D (-1859) (-)

7.57

500

400

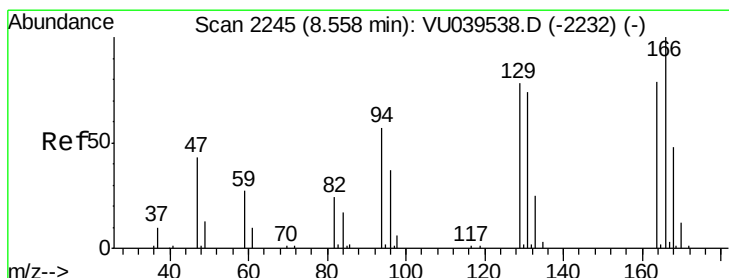
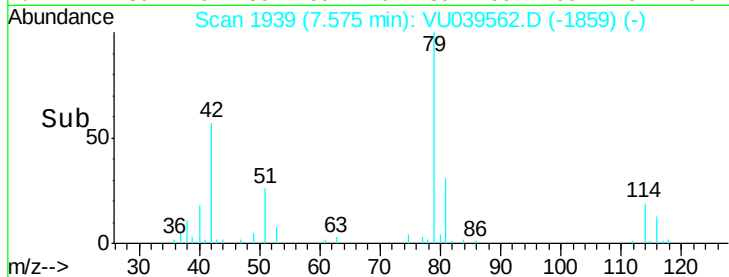
300

200

100

0

Time-->



#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039562.D

Acq: 17 Jul 2020 19:53

Tgt Ion: 164 Resp: 772

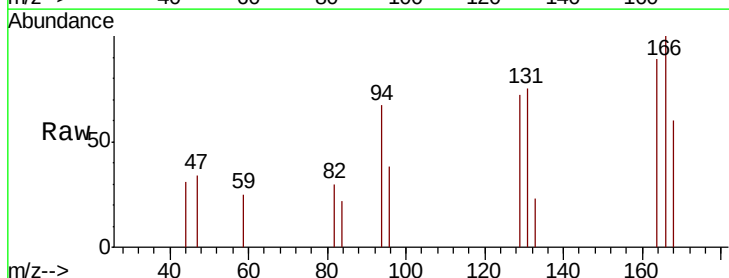
Ion Ratio Lower Upper

164 100

129 81.2 68.6 127.4

131 84.8 66.4 123.4

166 112.3 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): VU039562.D (-2152) (-)

Ion 128.95 (128.65 to 129.65): VU039562.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU039562.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU039562.D (-2152) (-)

1000

800

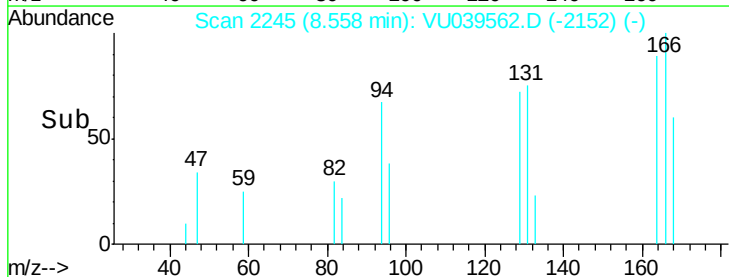
600

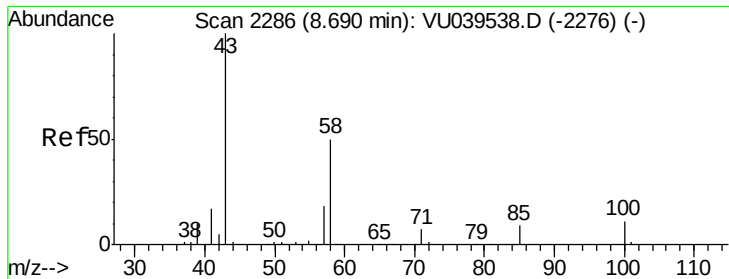
400

200

0

Time-->





#48

2-Hexanone

Concen: 0.950 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU039562.D

Acq: 17 Jul 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 4136

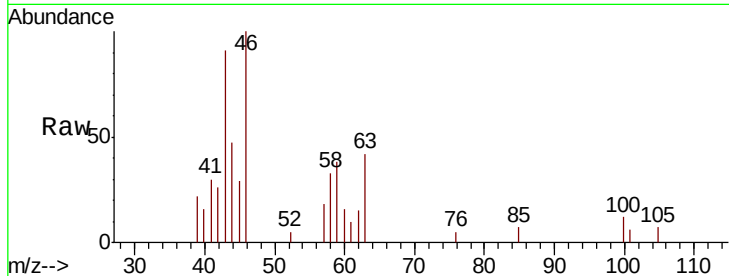
Ion Ratio Lower Upper

43 100

58 0.0 42.0 63.0#

57 15.6 14.0 21.0

100 6.4 8.2 12.2#



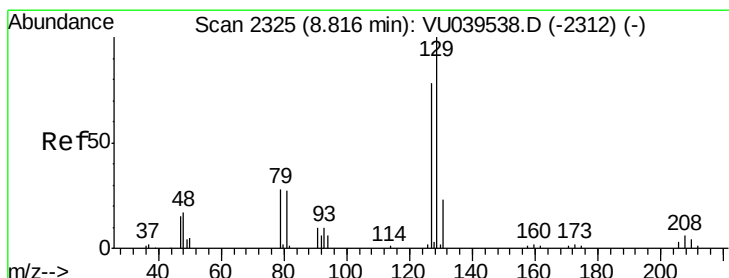
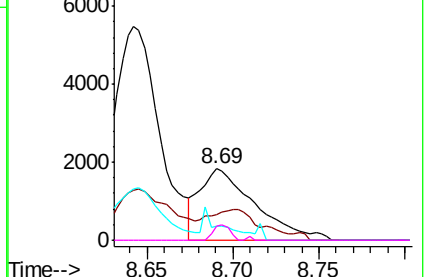
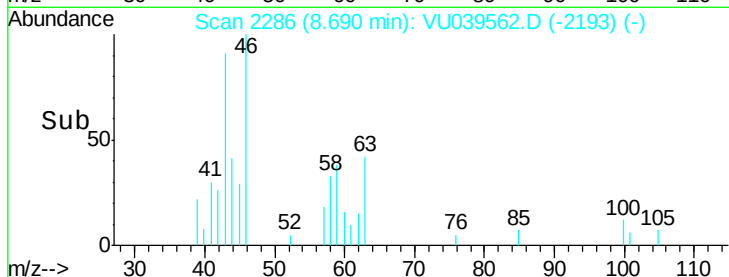
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->



#49

Dibromochloromethane

Concen: 0.107 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. -0.25 min

Lab File: VU039562.D

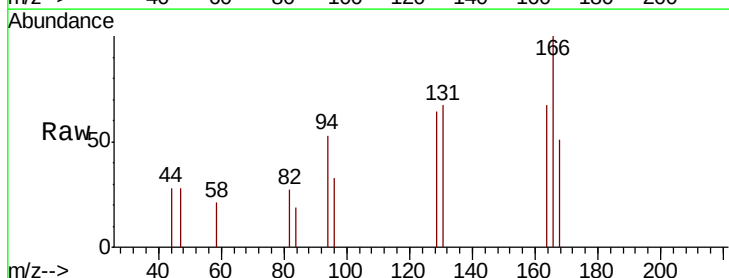
Acq: 17 Jul 2020 19:53

Tgt Ion: 129 Resp: 658

Ion Ratio Lower Upper

129 100

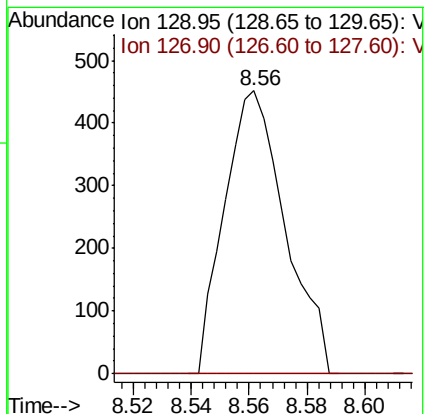
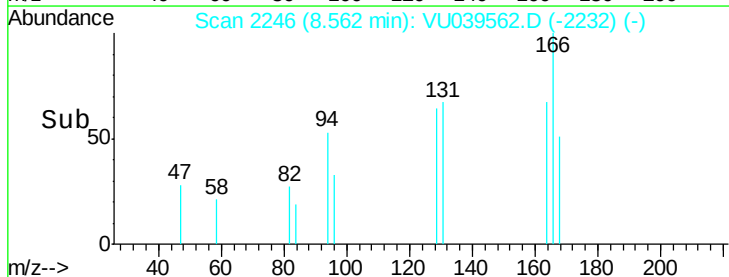
127 0.0 55.4 102.8#

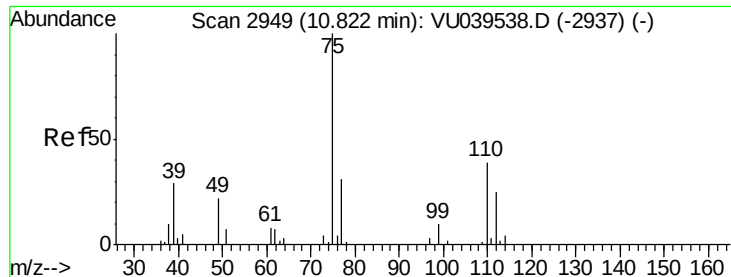


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.227 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039562.D

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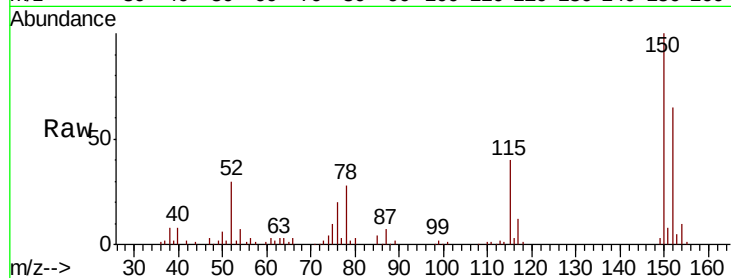
VHBLK01

Tot Ion: 75 Resp: 6403

Ion Ratio Lower Upper

75 100

77 37.8 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

