

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039905.D
 Acq On : 19 Aug 2020 14:03
 Operator : SY/MD
 Sample : L3701-02 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLTx1

Quant Time: Aug 20 08:16:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 08:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71983	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32788	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.92	69	27778	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.58	63	45972	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.66	46	100312	49.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.84%
24) Chloroform-d	5.08	84	56500	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	32272	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.75	84	111578	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.70	67	36876	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.91	98	92849	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.18	79	14390	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.64	63	74729	50.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29036	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34916	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

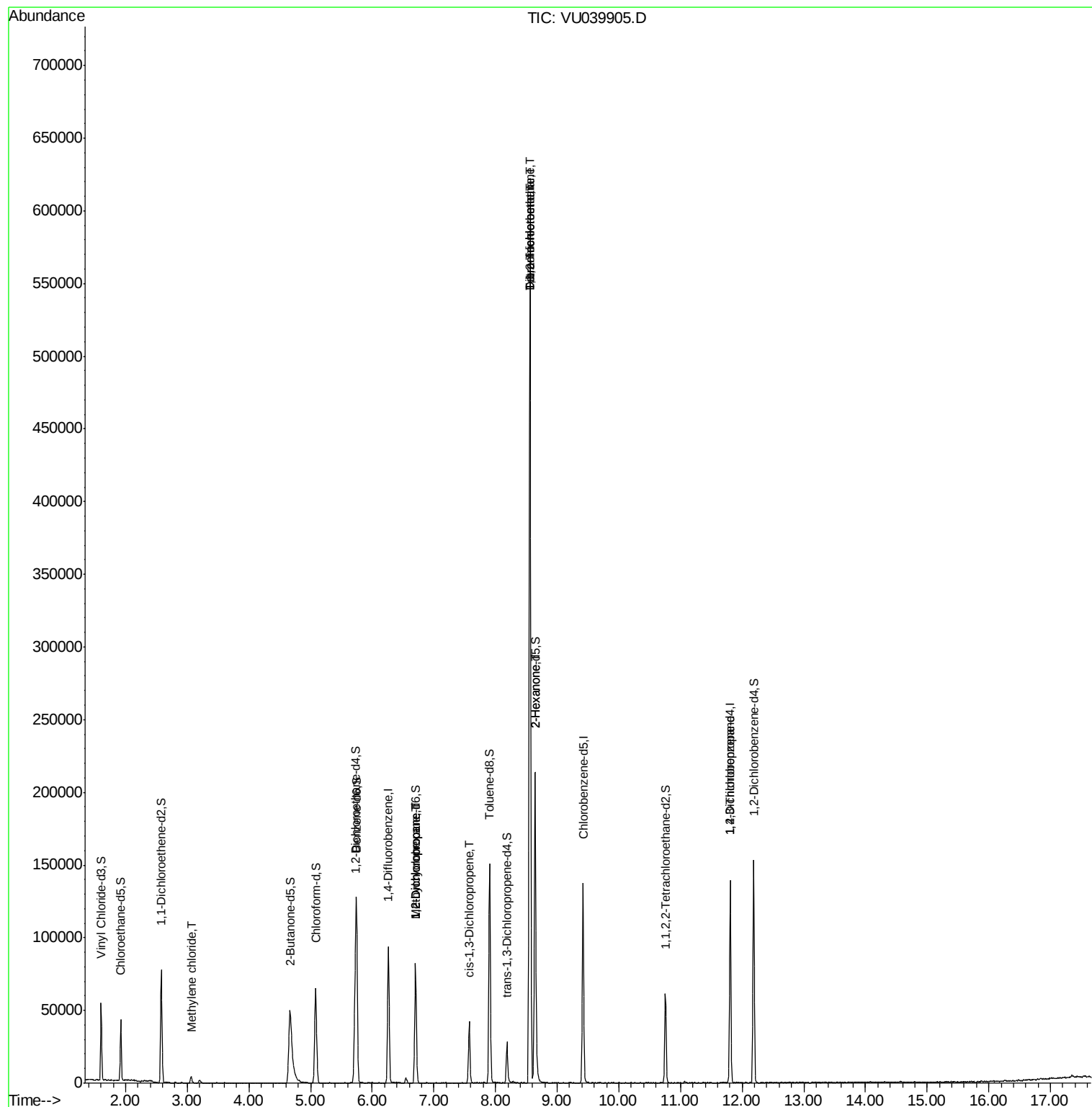
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1536	0.177	ug/L	82
35) Methylcyclohexane	6.70	83	8512	0.840	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	3982	0.588	ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	1245	0.131	ug/L #	77
45) 1,1,2-Trichloroethane	8.56	97	1230	0.239	ug/L #	22
47) Tetrachloroethene	8.56	164	115551	23.664	ug/L	97
48) 2-Hexanone	8.64	43	10097	2.625	ug/L #	72
49) Dibromochloromethane	8.56	129	110750	18.014	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	5029	1.036	ug/L	92

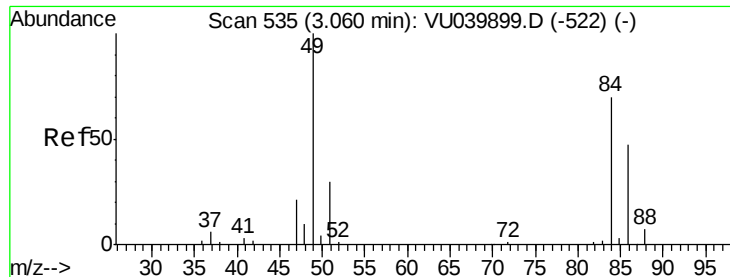
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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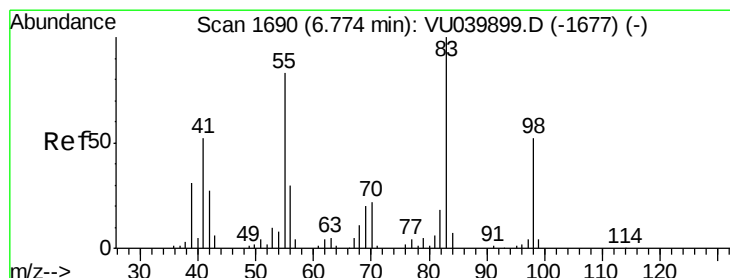
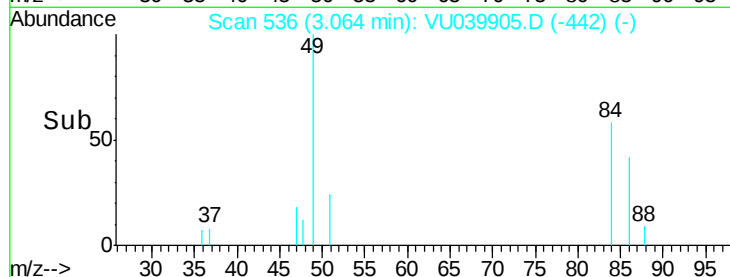
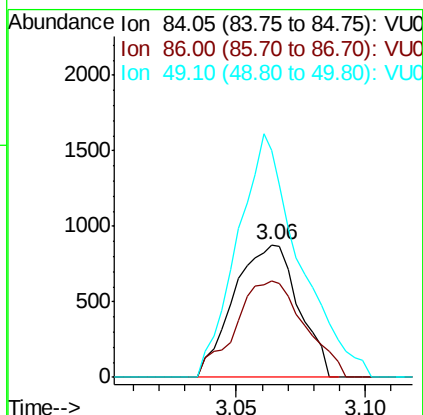
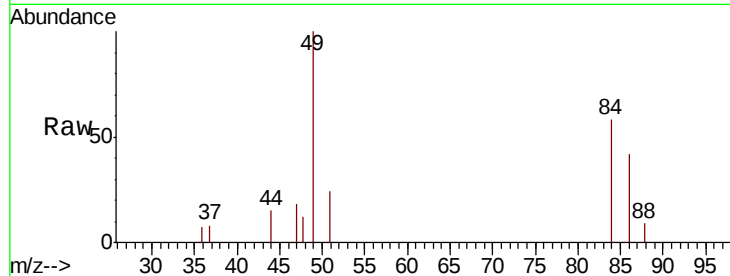




#16
Methvlene chloride
Concen: 0.177 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039905.D
Acq: 19 Aug 2020 14:03

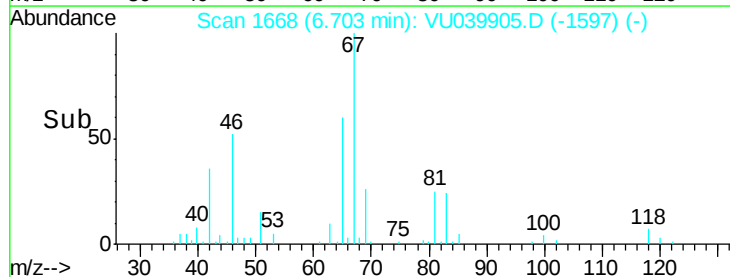
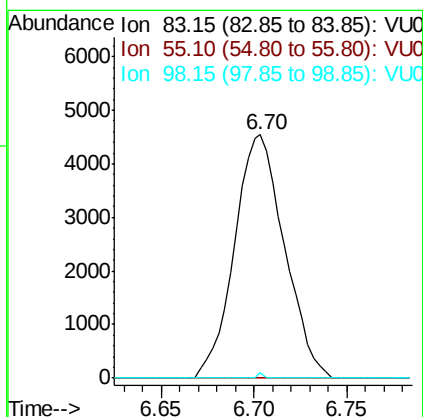
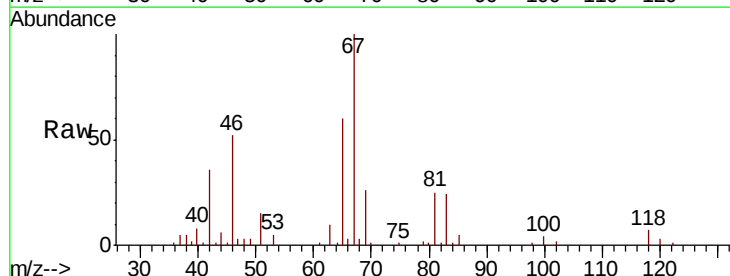
Instrument :
MSVOA_U
ClientSampleId :
JLTX1

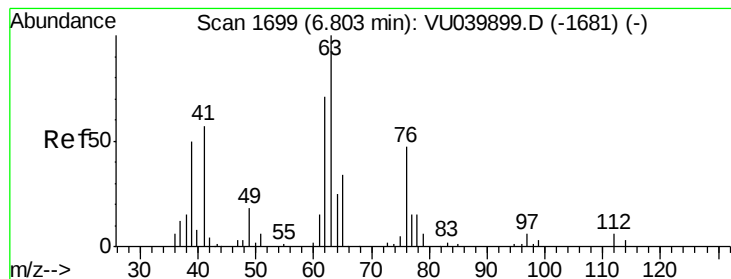
Tot Ion: 84 Resp: 1536
Ion Ratio Lower Upper
84 100
86 72.5 47.2 87.6
49 171.6 99.8 185.4



#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039905.D
Acq: 19 Aug 2020 14:03

Tgt Ion: 83 Resp: 8512
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.3 39.4 59.0#





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039905.D

Acq: 19 Aug 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

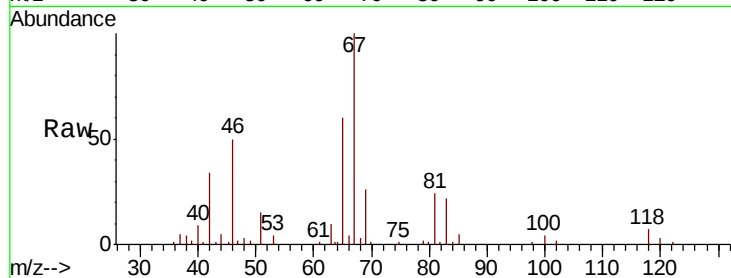
JLTX1

Tot Ion: 63 Resp: 3982

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU039899.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU039899.D (-1681) (-)

6.71

2000

1500

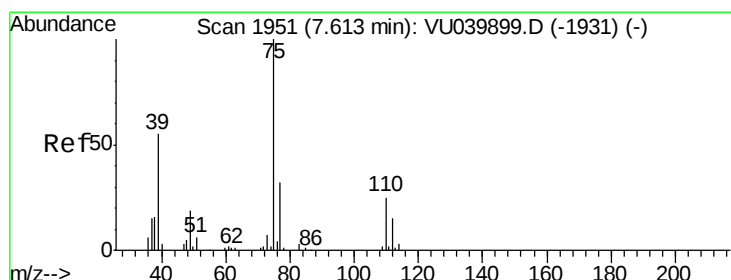
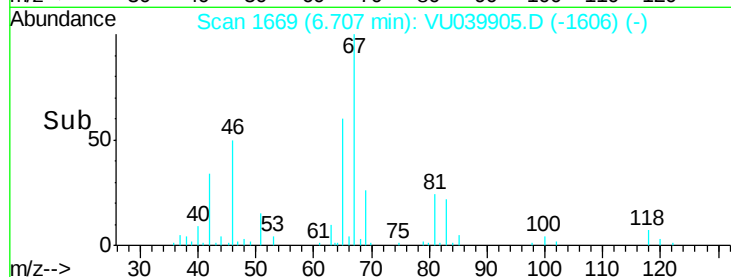
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.03 min

Lab File: VU039905.D

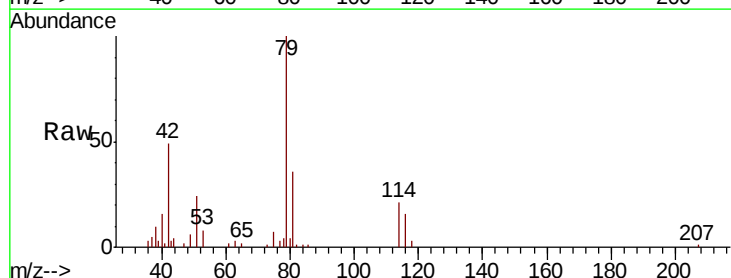
Acq: 19 Aug 2020 14:03

Tgt Ion: 75 Resp: 1245

Ion Ratio Lower Upper

75 100

77 44.9 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039899.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU039899.D (-1931) (-)

7.58

800

600

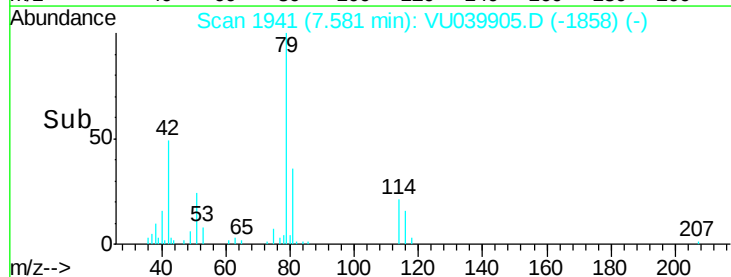
400

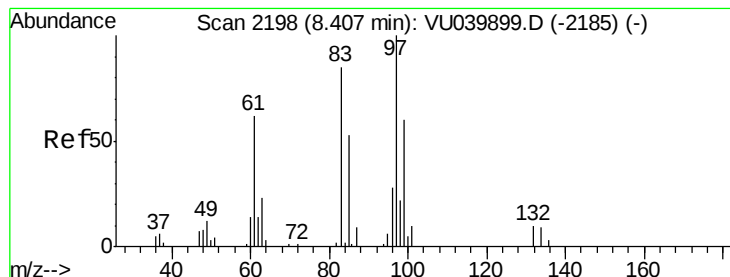
200

0

7.55 7.60

Time-->





#45

1,1,2-Trichloroethane

Concen: 0.239 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.15 min

Lab File: VU039905.D

Acq: 19 Aug 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

JLTX1

Tot Ion: 97 Resp: 1230

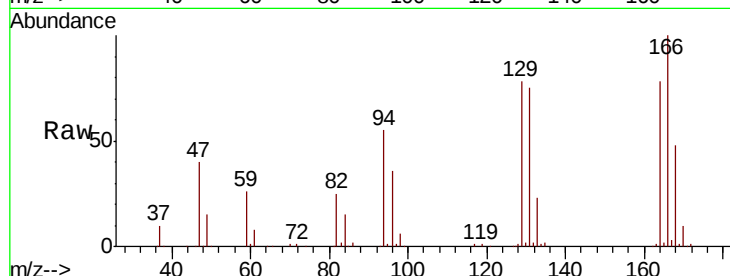
Ion Ratio Lower Upper

97 100

99 13.2 42.1 78.3#

83 199.1 59.3 110.1#

85 37.5 37.2 69.2



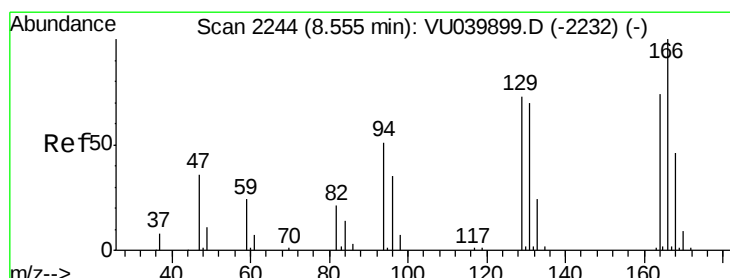
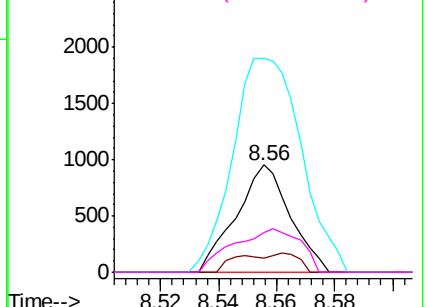
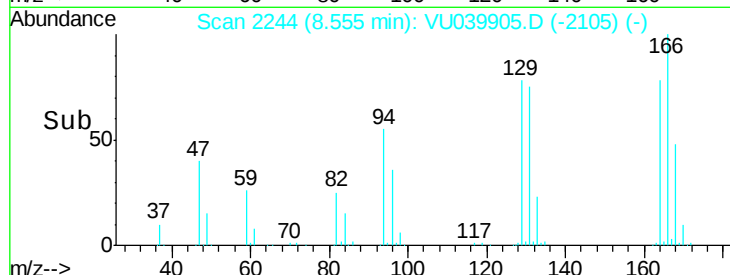
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 23.664 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039905.D

Acq: 19 Aug 2020 14:03

Tgt Ion:164 Resp: 115551

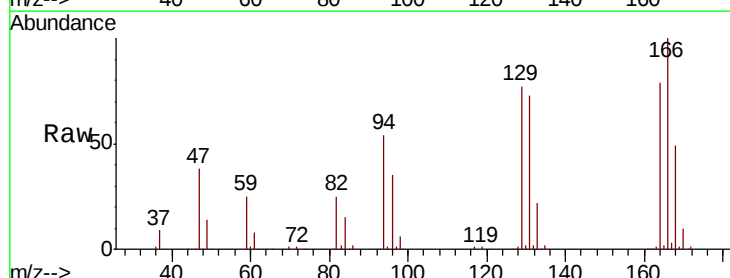
Ion Ratio Lower Upper

164 100

129 97.5 69.1 128.3

131 93.0 66.0 122.6

166 127.0 94.0 174.6



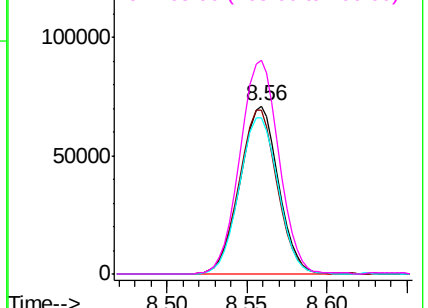
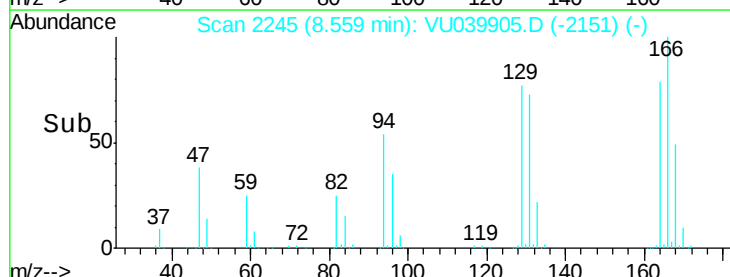
Abundance

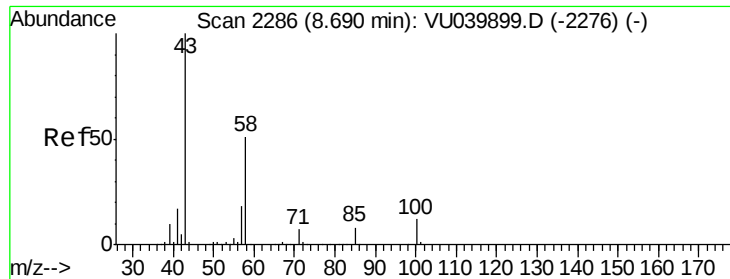
Ion 163.90 (163.60 to 164.60): V

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

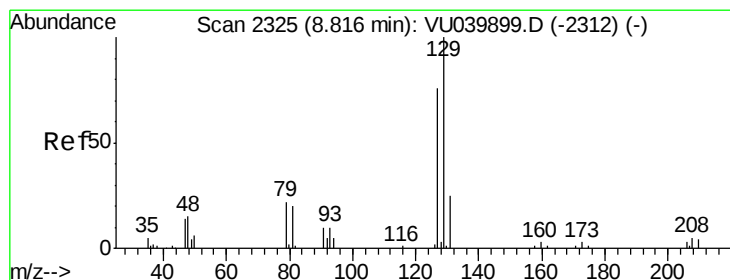
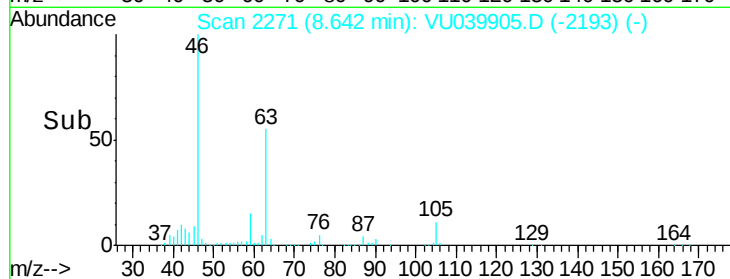
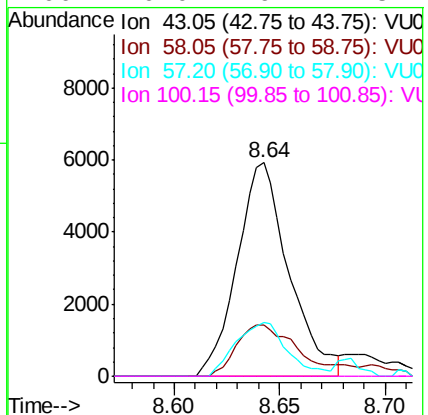
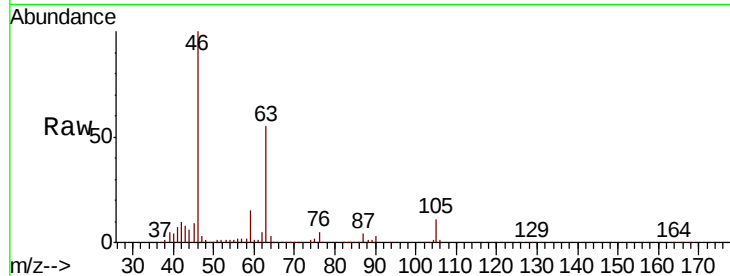




#48
2-Hexanone
Concen: 2.625 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU039905.D
Acq: 19 Aug 2020 14:03

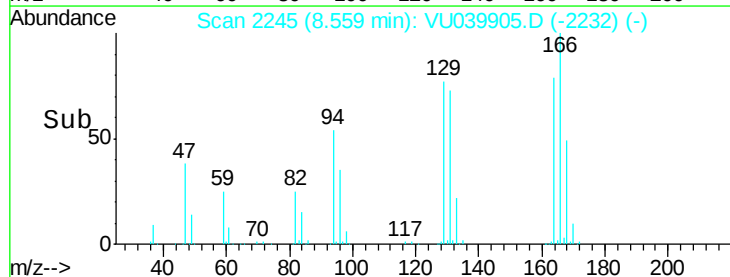
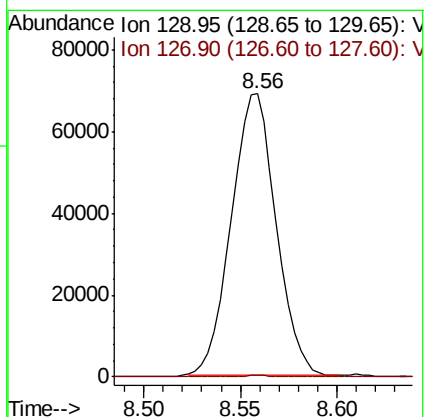
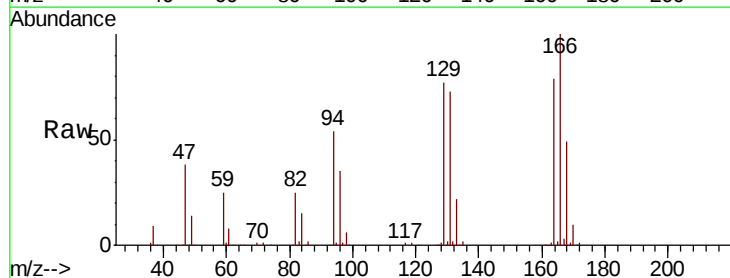
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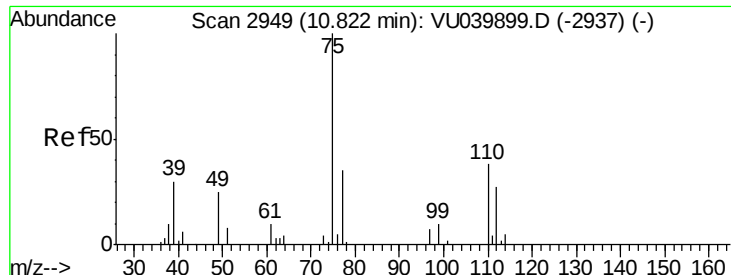
Tot Ion	Ratio	Lower	Upper
43	100		
58	29.4	41.3	61.9#
57	24.8	14.1	21.1#
100	0.0	9.1	13.7#



#49
Dibromochloromethane
Concen: 18.014 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039905.D
Acq: 19 Aug 2020 14:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.6	53.1	98.7#





#59

1,2,3-Trichloropropane

Concen: 1.036 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039905.D

Acq: 19 Aug 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

JLTX1

Tot Ion: 75 Resp: 5029

Ion Ratio Lower Upper

75 100

77 38.8 27.4 41.2

