

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039147.D
 Acq On : 26 Jun 2020 04:54
 Operator : SY/MD
 Sample : L3104-13 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q72

Quant Time: Jun 26 06:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	222197	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	221537	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88994	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69820	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	71722	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.59	63	109063	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.68	46	404237	68.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.68%#
24) Chloroform-d	5.10	84	179700	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.74	65	117799	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.60%
32) Benzene-d6	5.76	84	323332	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	114588	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.92	98	239731	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	44554	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.66	63	292513	63.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106184	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	98849	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

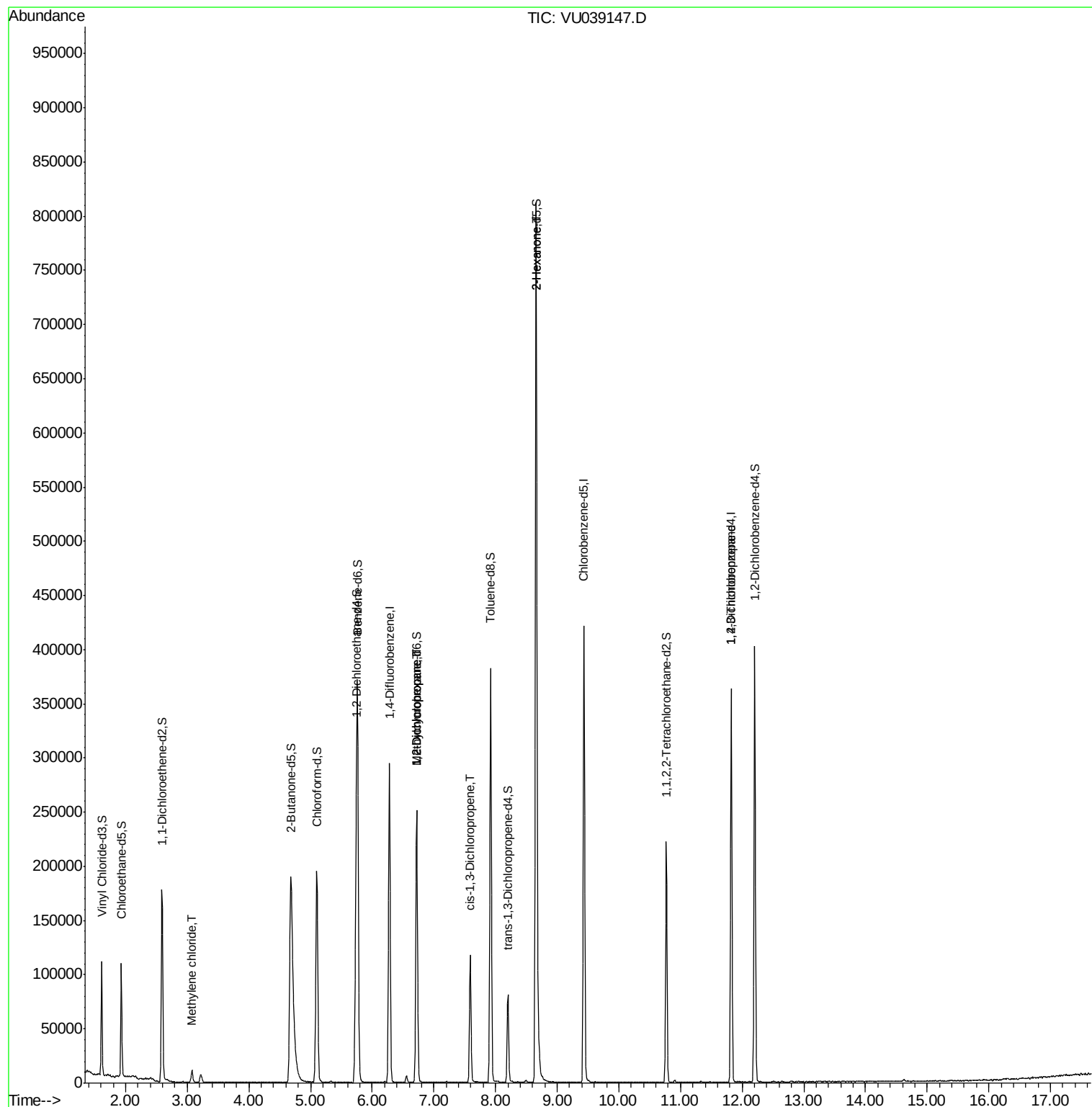
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	4771	0.251	ug/L	92
35) Methylcyclohexane	6.72	83	26490	1.060	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13114	0.695	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3218	0.123	ug/L #	51
48) 2-Hexanone	8.66	43	35322	3.423	ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	12487	0.878	ug/L #	87

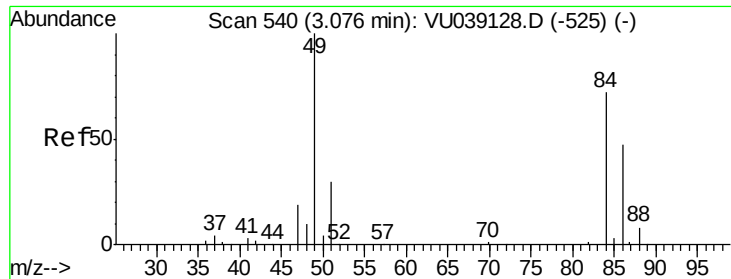
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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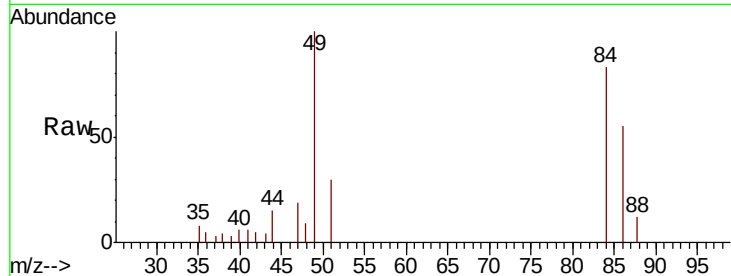




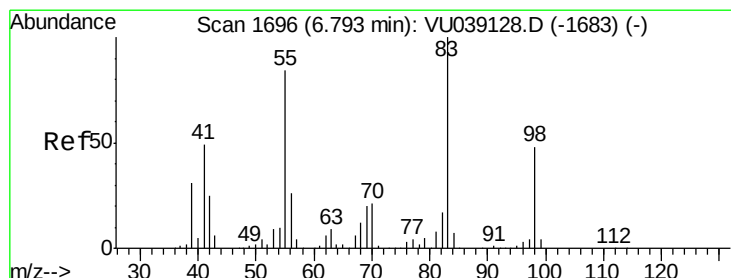
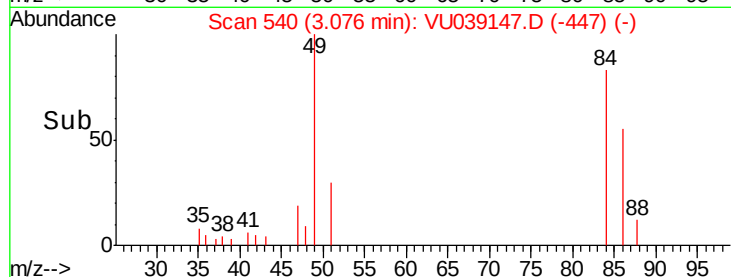
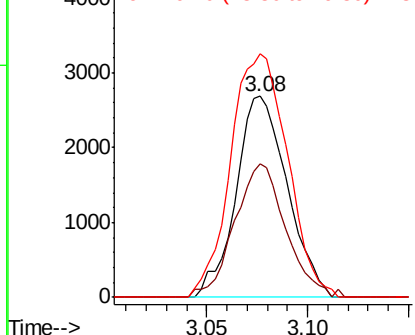
#16
Methvlene chloride
Concen: 0.251 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU039147.D
Acq: 26 Jun 2020 04:54

Instrument :
MSVOA_U
ClientSampleId :
F9Q72

Tot Ion: 84 Resp: 4771
Ion Ratio Lower Upper
84 100
86 66.3 44.1 81.9
49 121.1 93.1 172.9

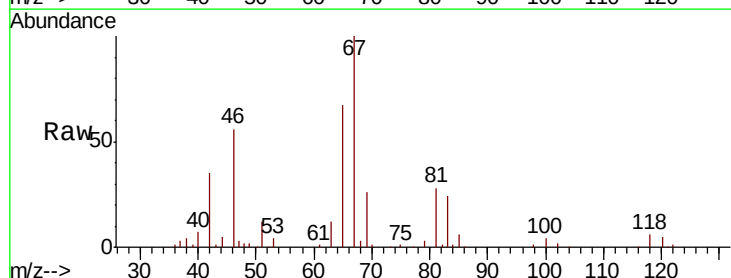


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

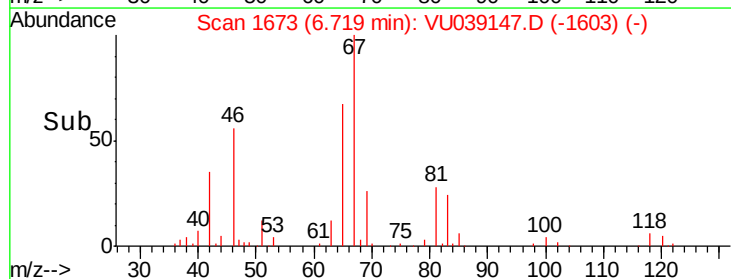
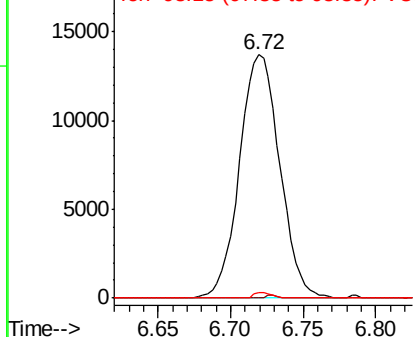


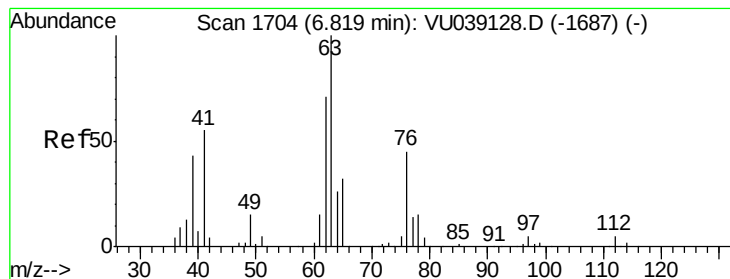
#35
Methylcyclohexane
Concen: 1.060 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039147.D
Acq: 26 Jun 2020 04:54

Tgt Ion: 83 Resp: 26490
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.0 36.5 54.7#



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: 0.695 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039147.D

Acq: 26 Jun 2020 04:54

Instrument :

MSVOA_U

ClientSampleId :

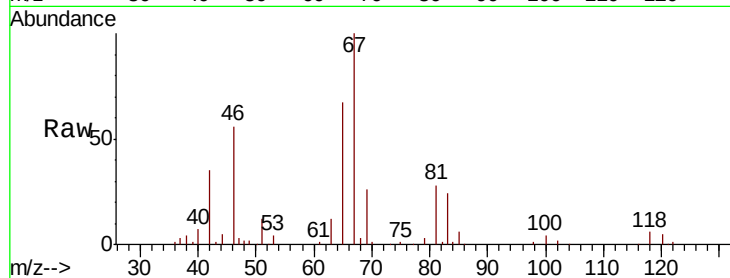
F9Q72

Tot Ion: 63 Resp: 13114

Ion Ratio Lower Upper

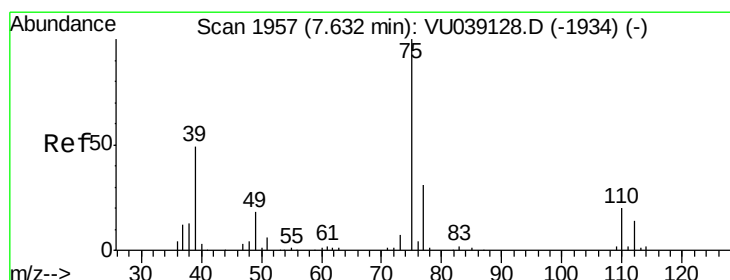
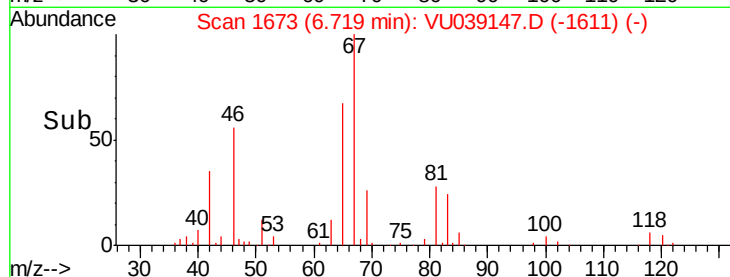
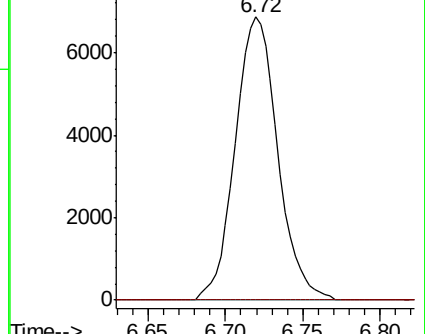
63 100

112 0.1 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039128.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039128.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU039147.D

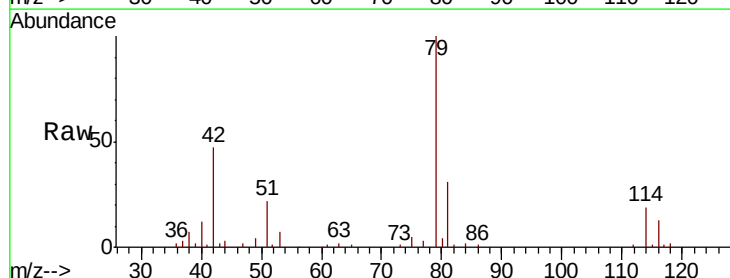
Acq: 26 Jun 2020 04:54

Tgt Ion: 75 Resp: 3218

Ion Ratio Lower Upper

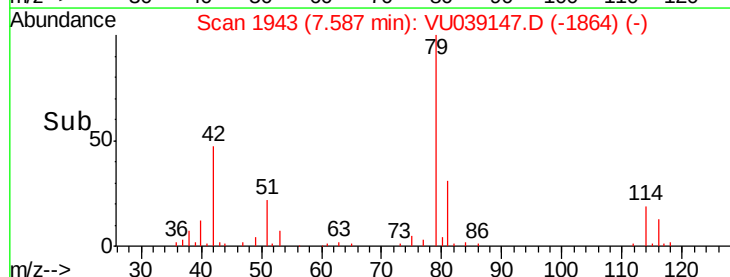
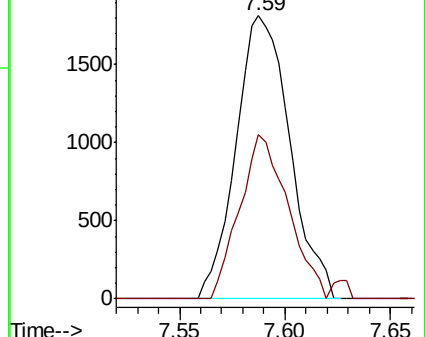
75 100

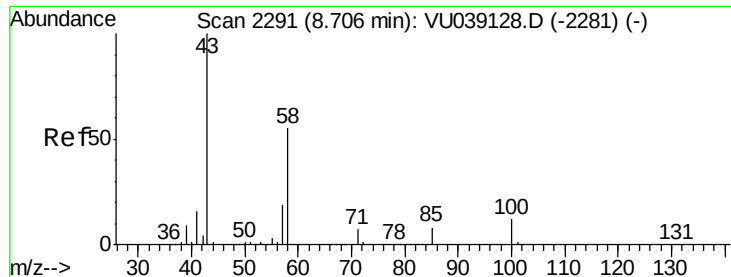
77 57.9 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039128.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU039128.D (-1934) (-)

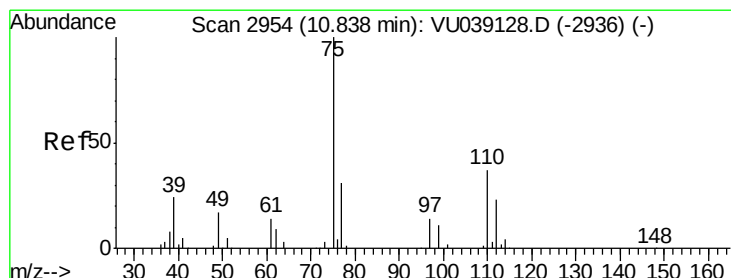
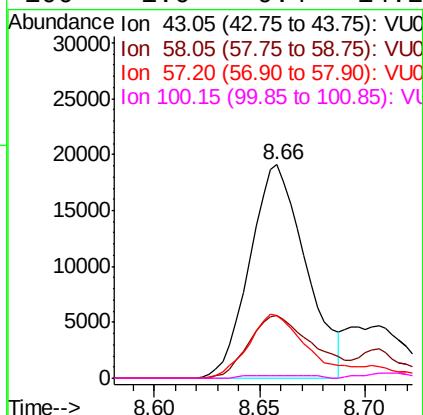
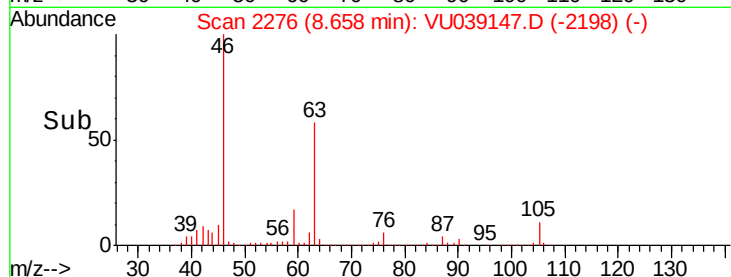
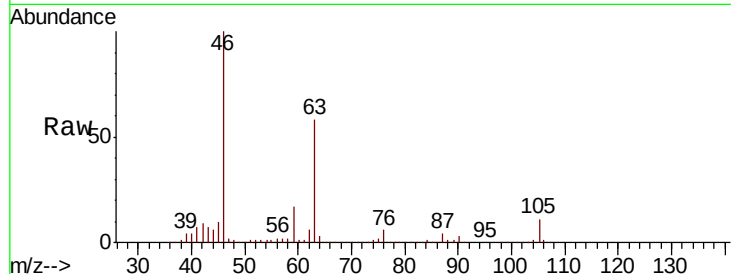




#48
 2-Hexanone
 Concen: 3.423 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU039147.D
 Acq: 26 Jun 2020 04:54

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 F9Q72

Tot Ion: 43 Resp: 35322
 Ion Ratio Lower Upper
 43 100
 58 34.2 44.0 66.0#
 57 31.0 15.0 22.6#
 100 1.0 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.878 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039147.D
 Acq: 26 Jun 2020 04:54

Tgt Ion: 75 Resp: 12487
 Ion Ratio Lower Upper
 75 100
 77 39.8 26.2 39.2#

