

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039143.D
 Acq On : 26 Jun 2020 03:22
 Operator : SY/MD
 Sample : L3104-09 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q47

Quant Time: Jun 26 04:23:29 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	237541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	240035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	102650	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73217	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	73872	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	116129	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.68	46	407933	64.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.96%
24) Chloroform-d	5.10	84	181062	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.74	65	116463	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.76	84	331840	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.72	67	115131	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.92	98	248896	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	44119	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.66	63	289823	57.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108447	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	102711	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

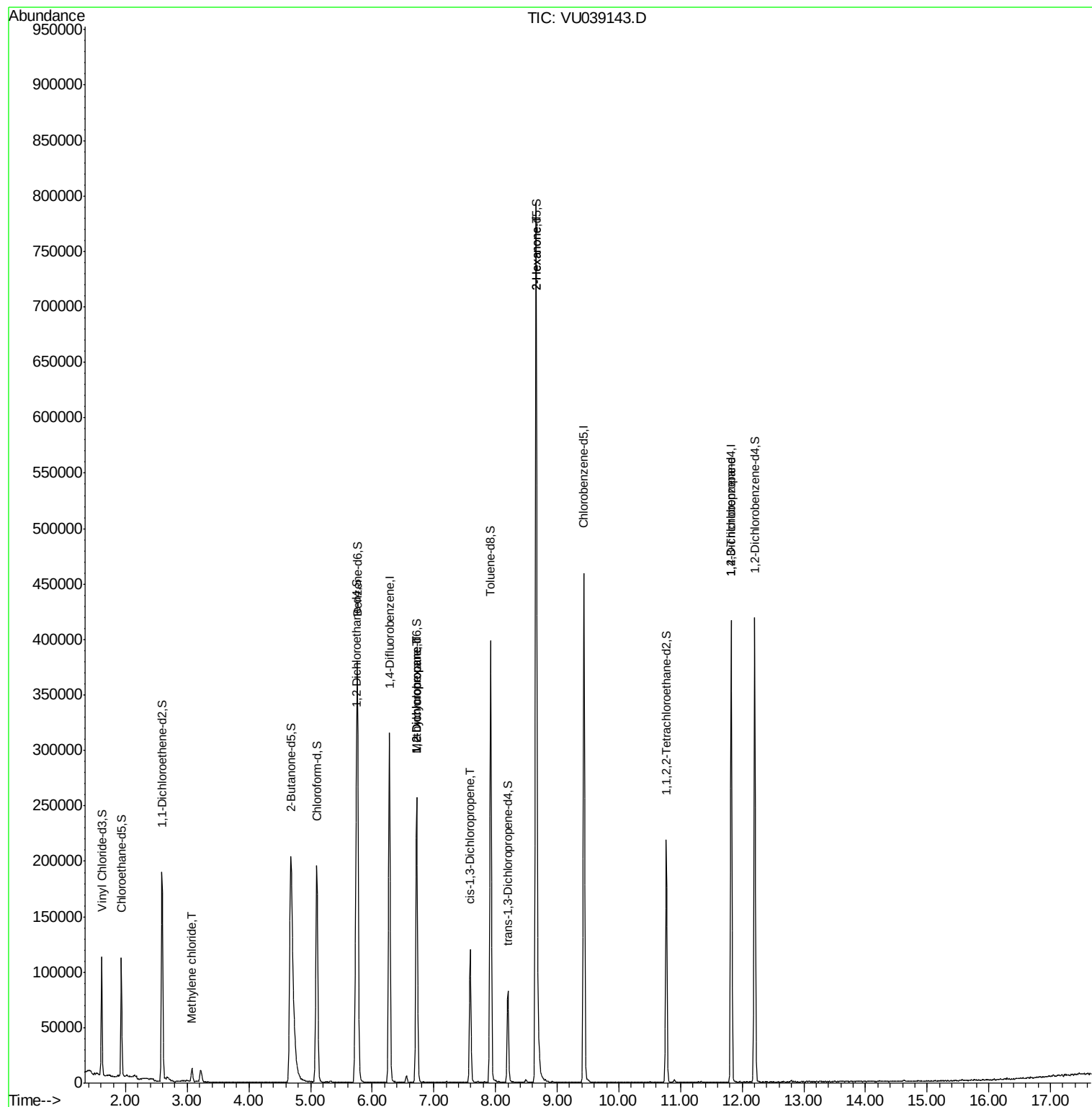
					Ovalue
16) Methylene chloride	3.08	84	5161	0.254 ug/L	92
35) Methylcyclohexane	6.72	83	27417	1.013 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13114	0.642 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2995	0.106 ug/L #	35
48) 2-Hexanone	8.66	43	37016	3.311 ug/L #	70
59) 1,2,3-Trichloropropane	11.82	75	13812	0.897 ug/L #	87

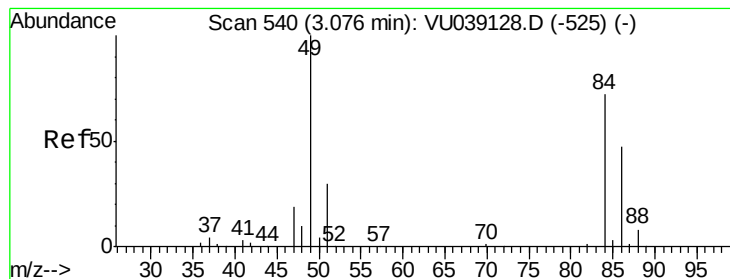
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.254 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU039143.D

Acq: 26 Jun 2020 03:22

Instrument :

MSVOA_U

ClientSampleId :

F9Q47

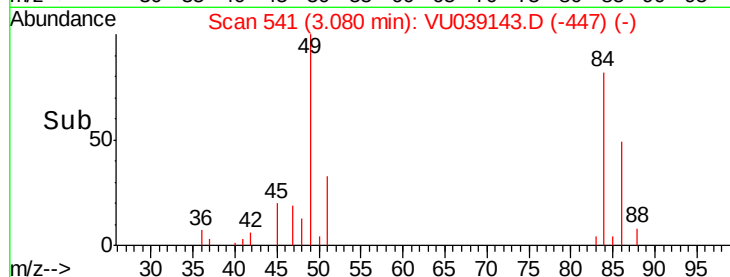
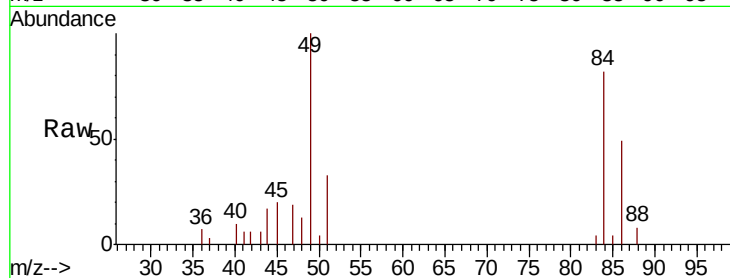
Tot Ion: 84 Resp: 5161

Ion Ratio Lower Upper

84 100

86 59.6 44.1 81.9

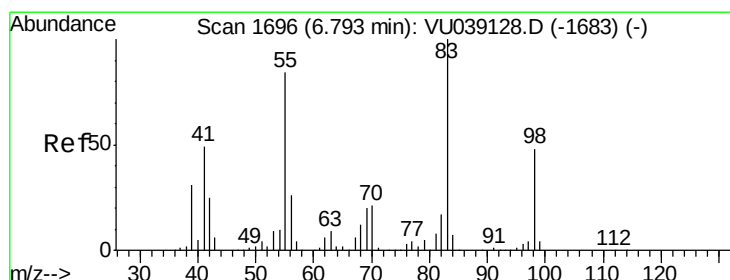
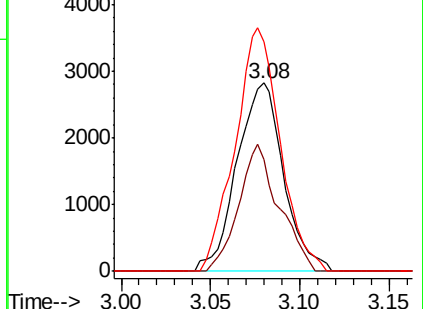
49 122.1 93.1 172.9



Abundance Ion 84.05 (83.75 to 84.75): VU039143.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039143.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039143.D (-447) (-)



#35

Methylcyclohexane

Concen: 1.013 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039143.D

Acq: 26 Jun 2020 03:22

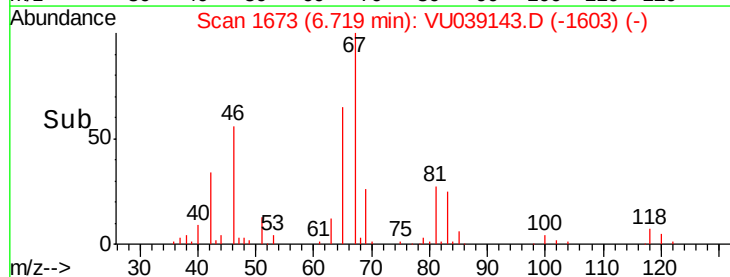
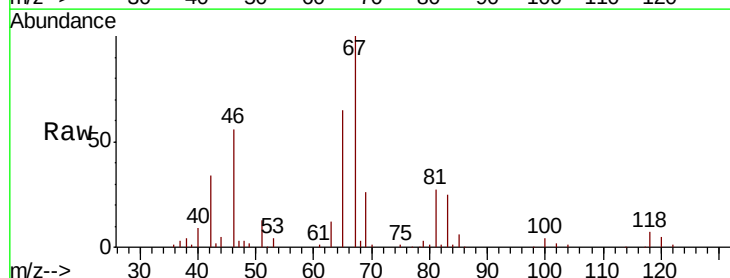
Tgt Ion: 83 Resp: 27417

Ion Ratio Lower Upper

83 100

55 0.1 65.5 98.3#

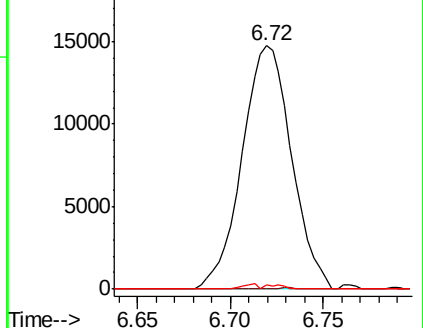
98 0.6 36.5 54.7#

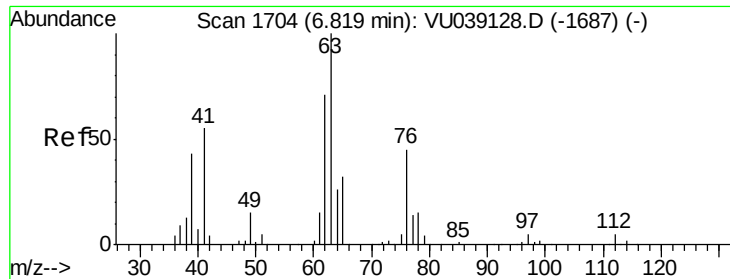


Abundance Ion 83.15 (82.85 to 83.85): VU039143.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU039143.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU039143.D (-1603) (-)

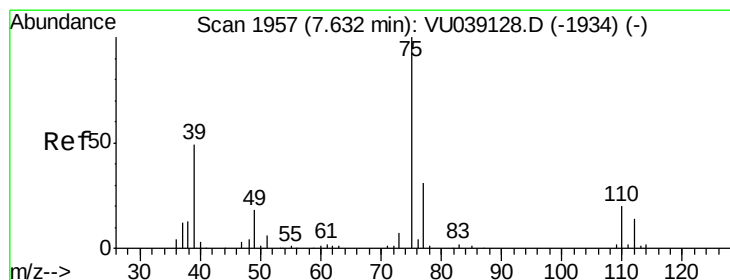
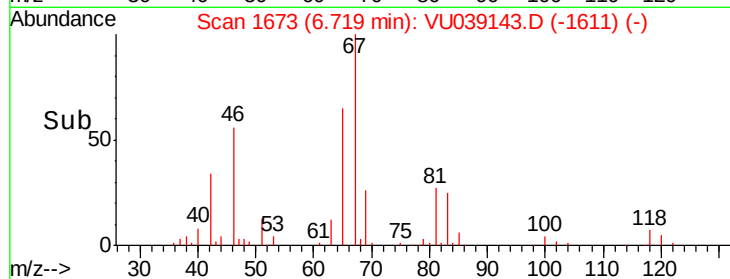
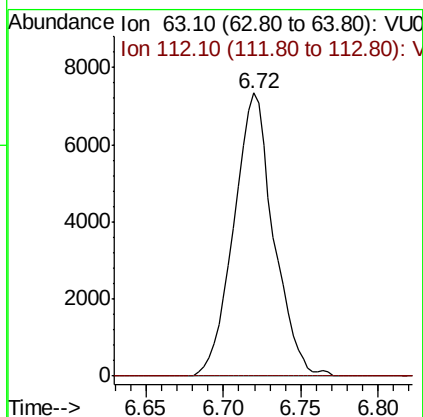
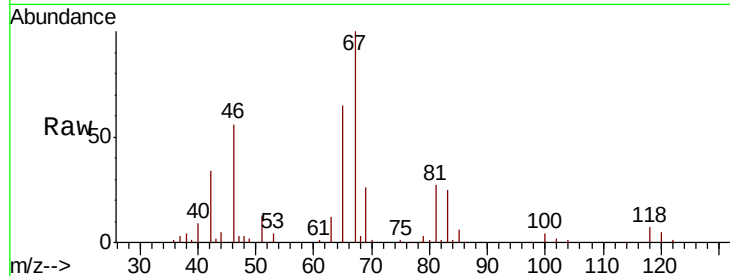




#37
 1,2-Dichloropropane
 Concen: 0.642 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039143.D
 Acq: 26 Jun 2020 03:22

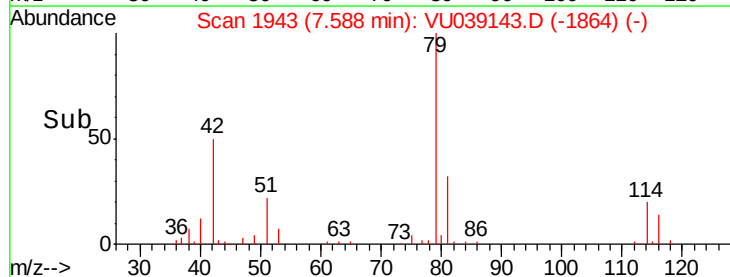
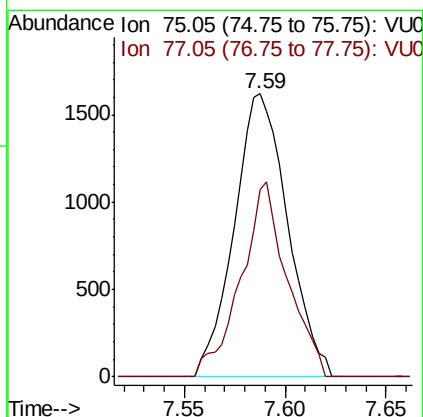
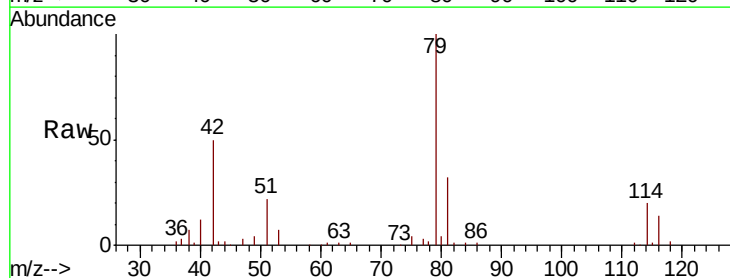
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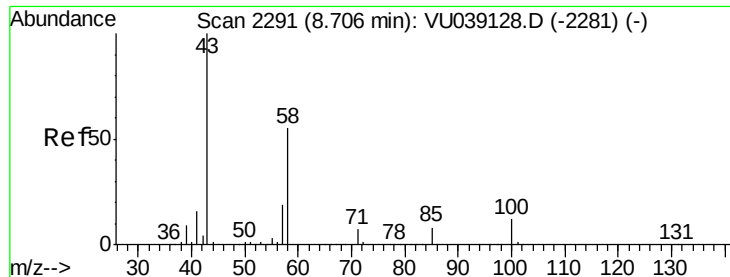
Tot Ion: 63 Resp: 13114
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039143.D
 Acq: 26 Jun 2020 03:22

Tgt Ion: 75 Resp: 2995
 Ion Ratio Lower Upper
 75 100
 77 66.3 21.6 40.0#

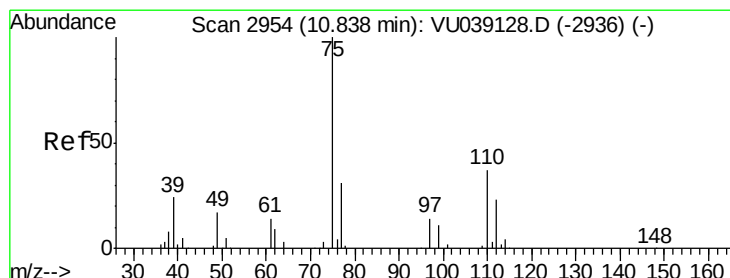
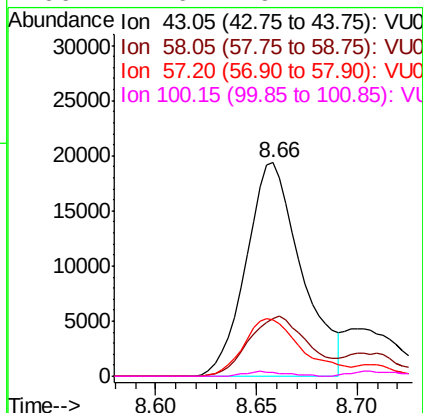
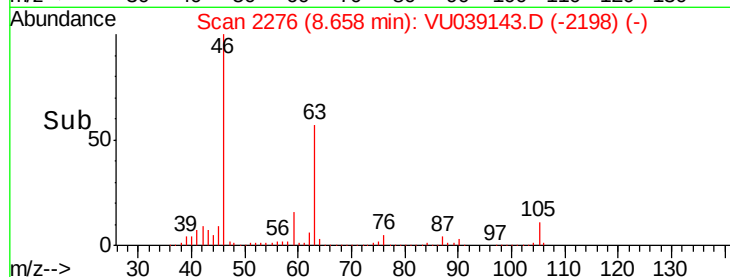
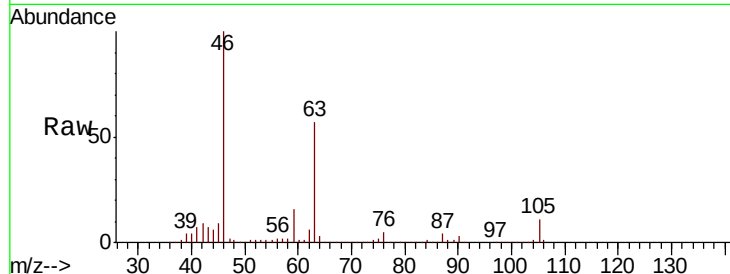




#48
 2-Hexanone
 Concen: 3.311 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU039143.D
 Acq: 26 Jun 2020 03:22

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q47

Tot Ion: 43 Resp: 37016
 Ion Ratio Lower Upper
 43 100
 58 30.5 44.0 66.0#
 57 28.6 15.0 22.6#
 100 1.6 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.897 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039143.D
 Acq: 26 Jun 2020 03:22

Tgt Ion: 75 Resp: 13812
 Ion Ratio Lower Upper
 75 100
 77 40.2 26.2 39.2#

