

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039112.D
 Acq On : 25 Jun 2020 13:43
 Operator : SY/MD
 Sample : L3110-03RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F13

Quant Time: Jun 26 01:01:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	256617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	106512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87849	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	82841	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	135126	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.68	46	412038	60.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.94%
24) Chloroform-d	5.10	84	195209	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.74	65	124447	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	370996	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.72	67	127175	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	284359	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.20	79	49518	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.66	63	318196	59.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116543	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	112068	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

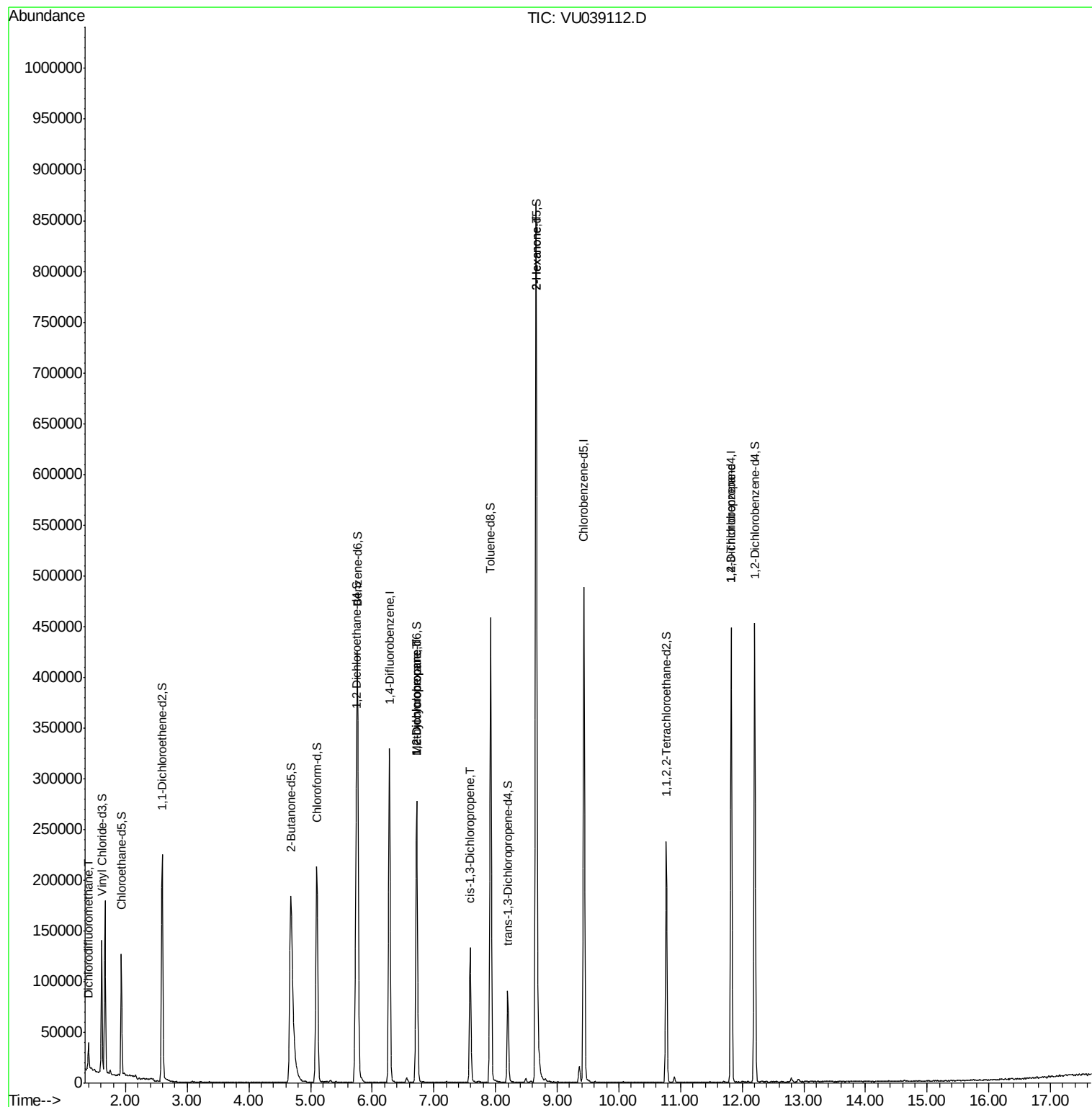
					Ovalue
2) Dichlorodifluoromethane	1.39	85	11747	0.513 ug/L	100
35) Methylcyclohexane	6.72	83	29444	1.017 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12826	0.587 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3357	0.111 ug/L #	67
48) 2-Hexanone	8.65	43	39286	3.287 ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	15076	0.915 ug/L	90

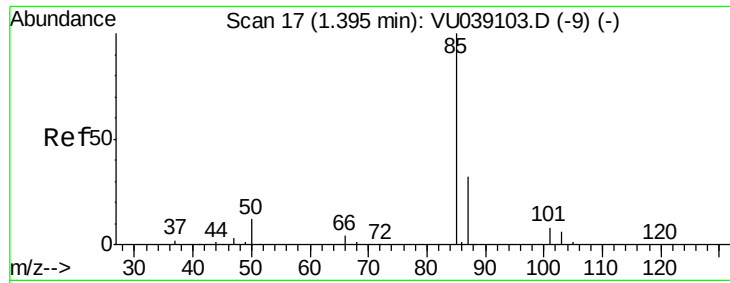
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.513 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

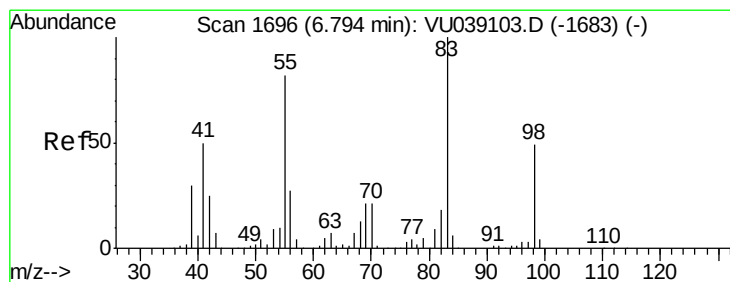
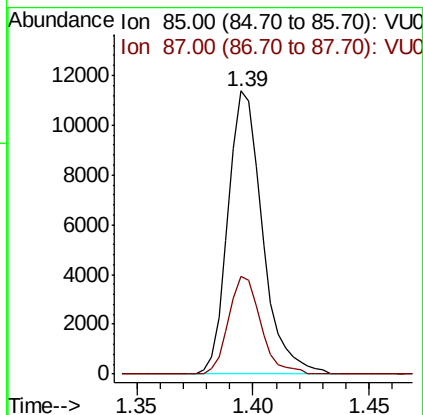
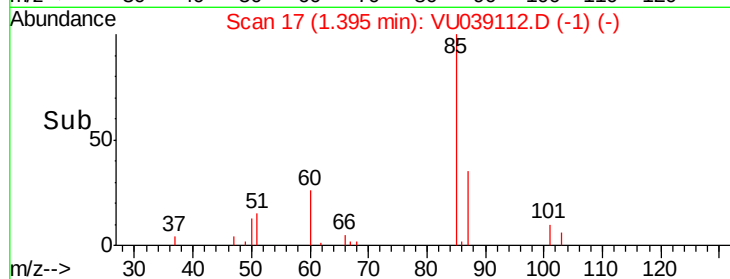
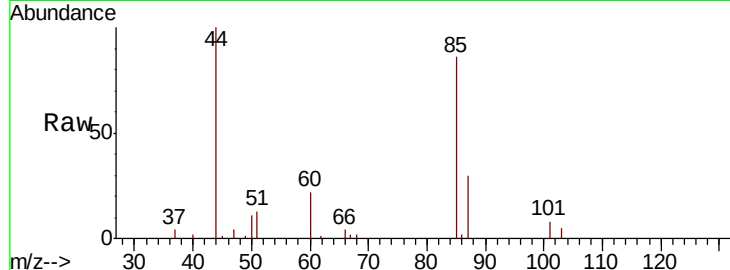
F9F13

Tot Ion: 85 Resp: 11747

Ion Ratio Lower Upper

85 100

87 32.1 25.8 38.6



#35

Methylcyclohexane

Concen: 1.017 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039112.D

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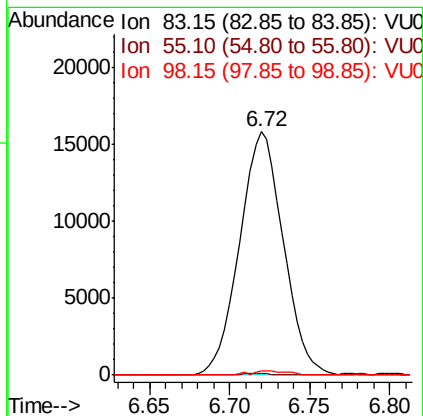
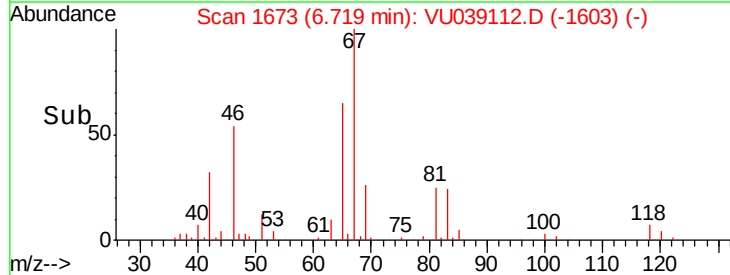
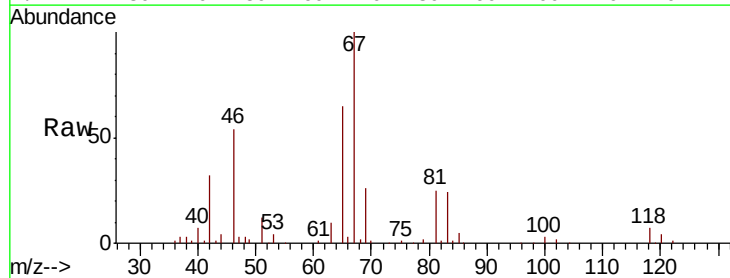
Tgt Ion: 83 Resp: 29444

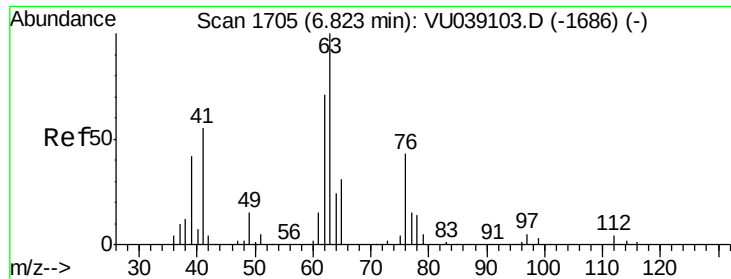
Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

98 1.4 36.5 54.7#

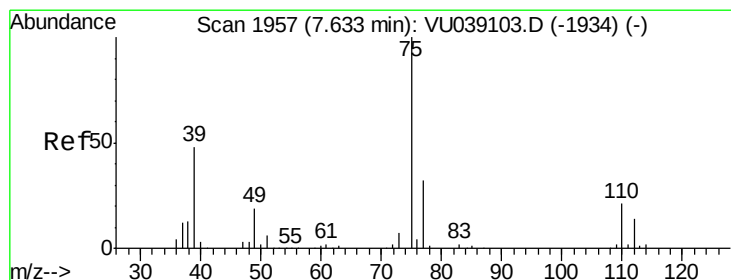
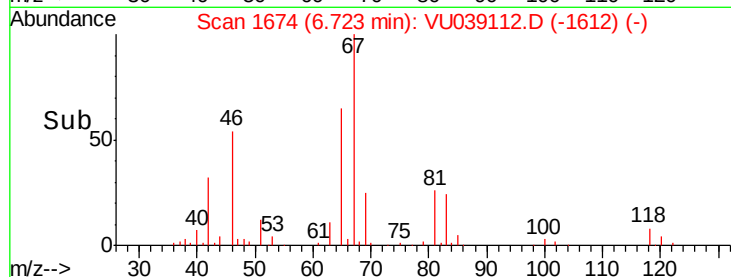
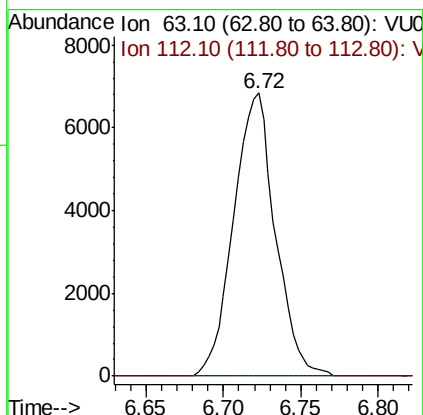
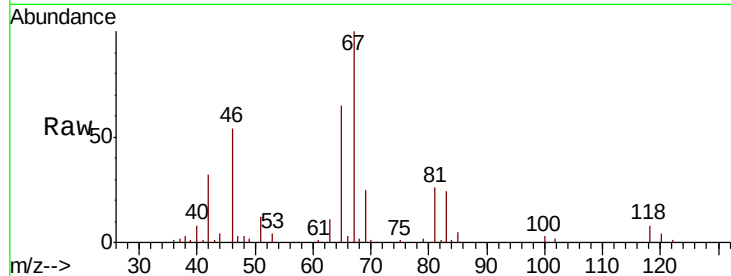




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039112.D
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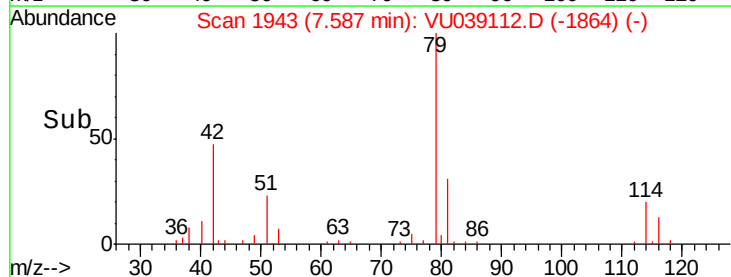
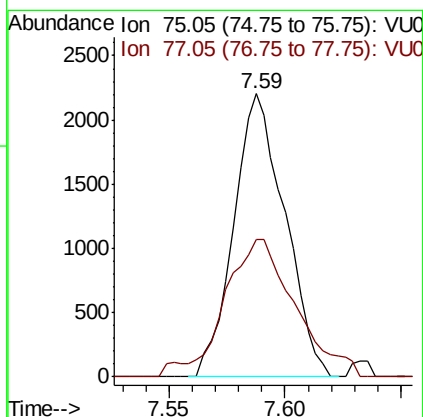
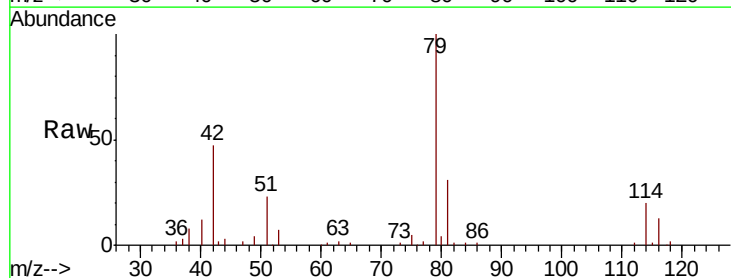
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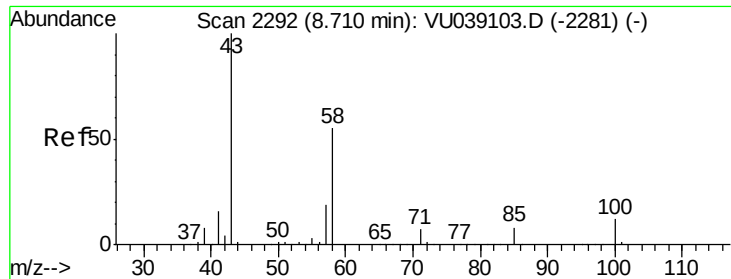
Tot Ion: 63 Resp: 12826
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039112.D
 Acq: 25 Jun 2020 13:43

Tgt Ion: 75 Resp: 3357
 Ion Ratio Lower Upper
 75 100
 77 48.8 21.6 40.0#

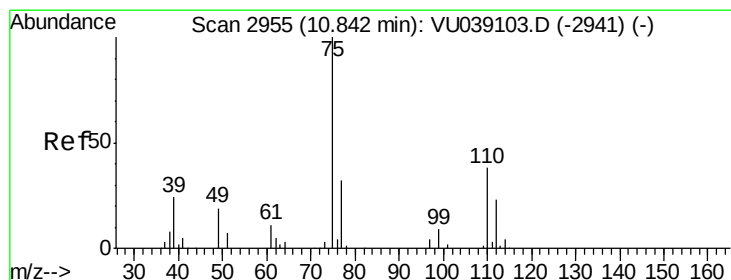
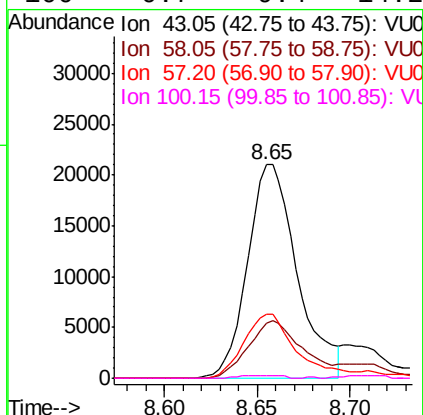
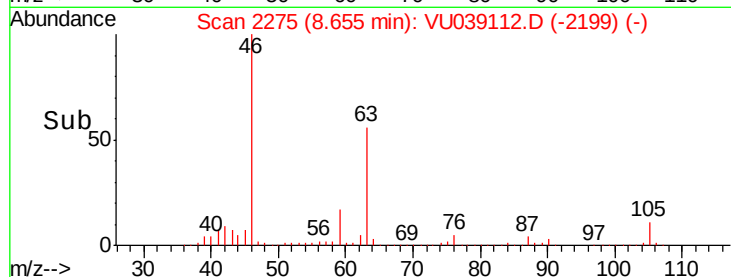
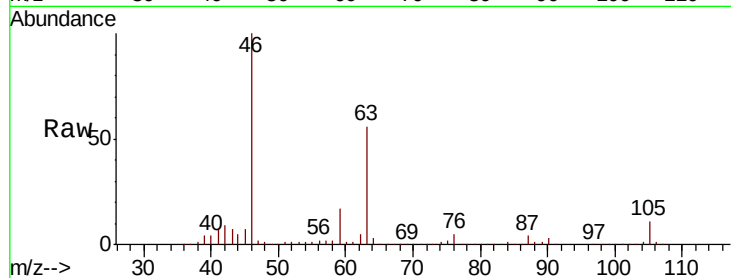




#48
 2-Hexanone
 Concen: 3.287 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU039112.D
 Acq: 25 Jun 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F13

Tot Ion: 43 Resp: 39286
 Ion Ratio Lower Upper
 43 100
 58 29.7 44.0 66.0#
 57 31.5 15.0 22.6#
 100 0.7 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.915 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039112.D
 Acq: 25 Jun 2020 13:43

Tgt Ion: 75 Resp: 15076
 Ion Ratio Lower Upper
 75 100
 77 38.5 26.2 39.2

