

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039854.D
 Acq On : 13 Aug 2020 16:28
 Operator : SY/MD
 Sample : L3647-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Aug 14 01:49:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70363	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16500	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	18242	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	26336	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	80088	48.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	5.08	84	38489	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.72	65	26119	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.75	84	76343	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	25448	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	60111	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	9373	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	54522	45.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24541	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27959	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

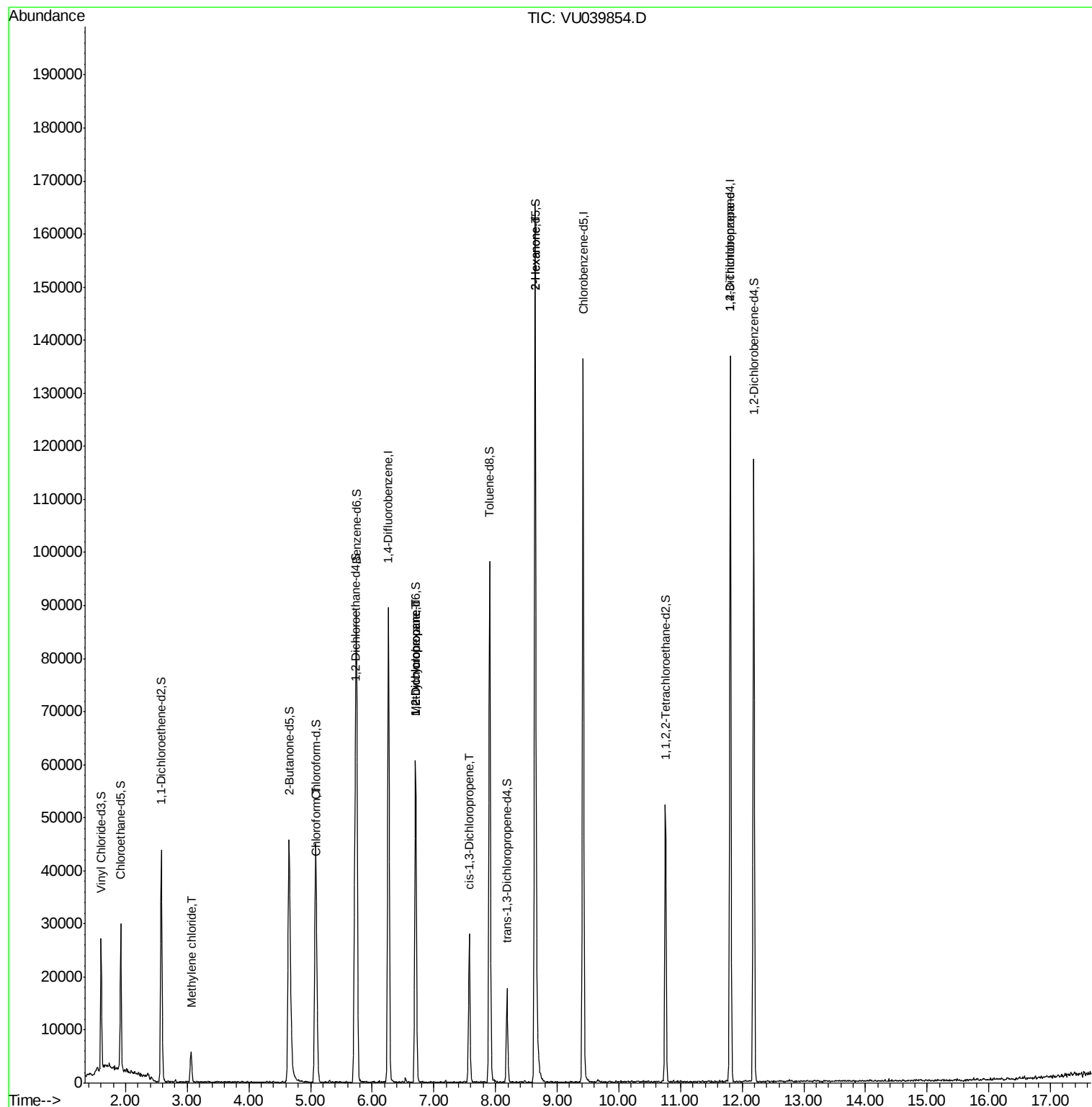
					Ovalue
16) Methylene chloride	3.06	84	2636	0.391 ug/L	97
25) Chloroform	5.11	83	3969	0.429 ug/L	94
35) Methylcyclohexane	6.70	83	6622	0.833 ug/L #	20
37) 1,2-Dichloropropane	6.71	63	3292	0.647 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	773	0.111 ug/L	93
48) 2-Hexanone	8.64	43	7649	2.784 ug/L #	77
59) 1,2,3-Trichloropropane	11.81	75	4818	1.312 ug/L #	83

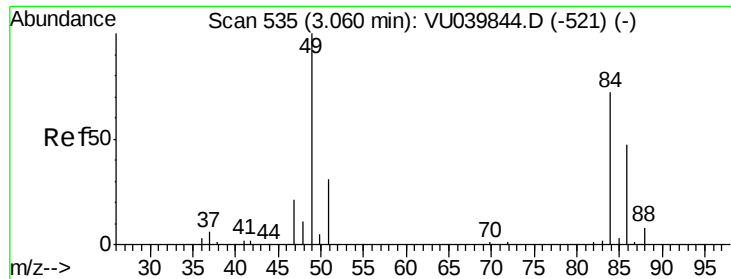
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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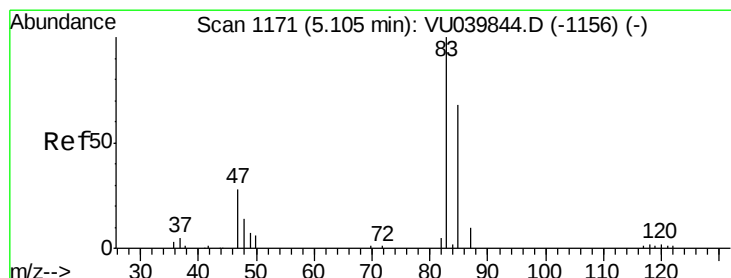
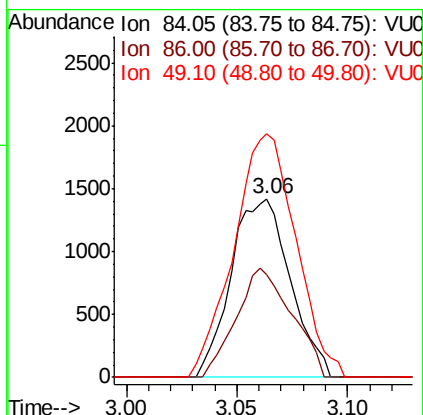
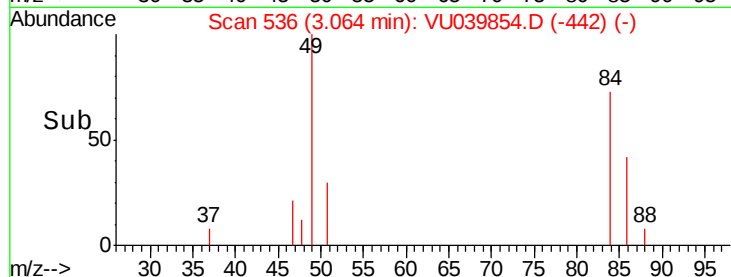
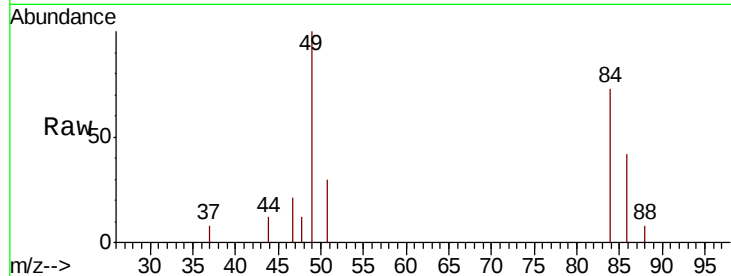




#16
Methylene chloride
Concen: 0.391 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039854.D
Acq: 13 Aug 2020 16:28

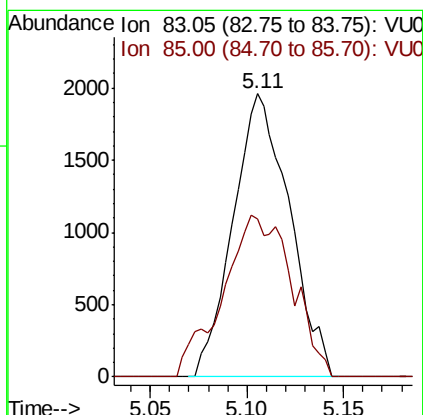
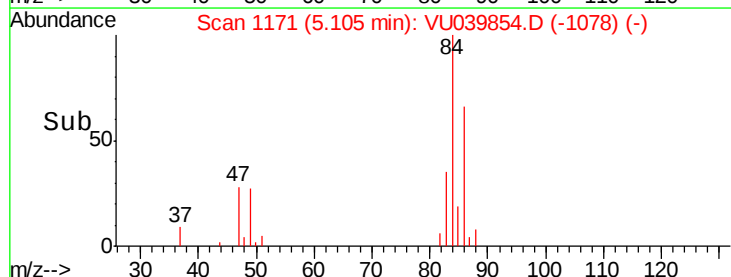
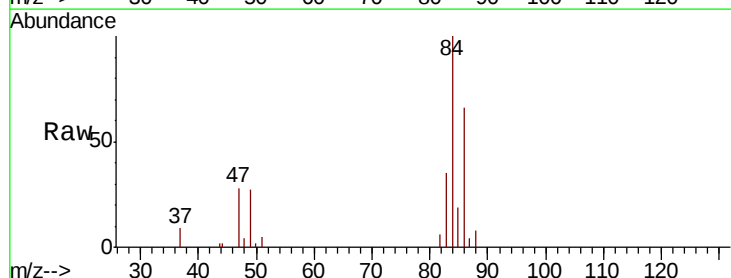
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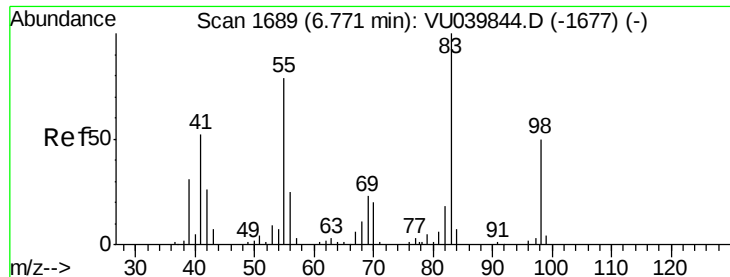
Tot Ion: 84 Resp: 2636
Ion Ratio Lower Upper
84 100
86 57.4 43.9 81.5
49 136.5 94.4 175.4



#25
Chloroform
Concen: 0.429 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039854.D
Acq: 13 Aug 2020 16:28

Tgt Ion: 83 Resp: 3969
Ion Ratio Lower Upper
83 100
85 55.7 42.1 78.3

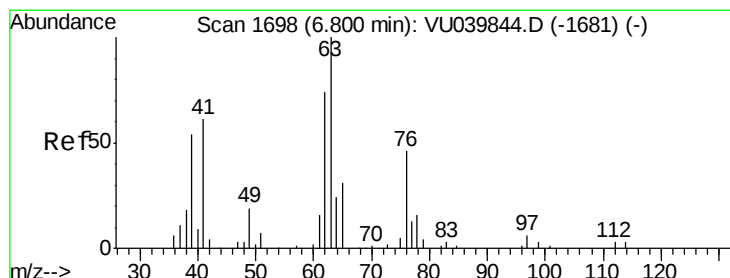
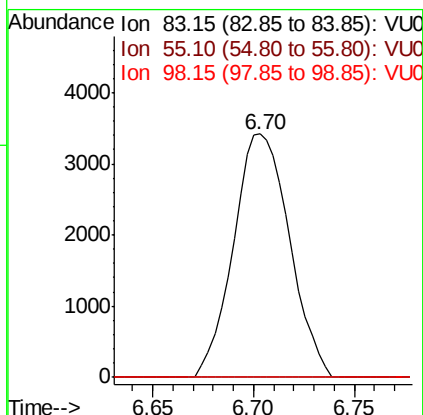
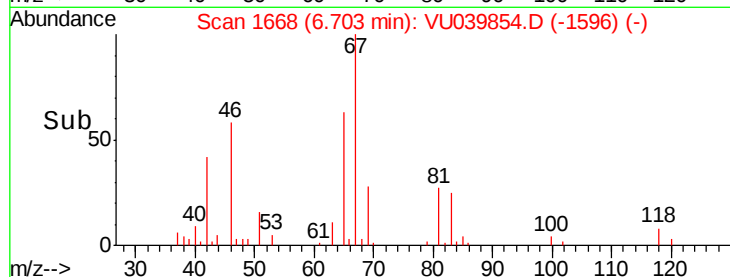
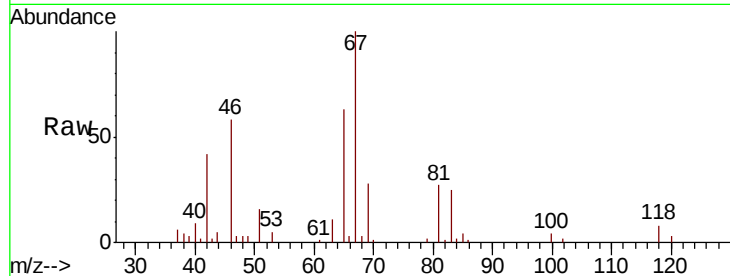




#35
Methvlcvclohexane
Concen: 0.833 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039854.D
Acq: 13 Aug 2020 16:28

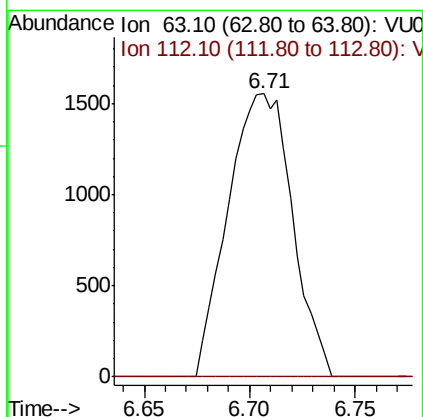
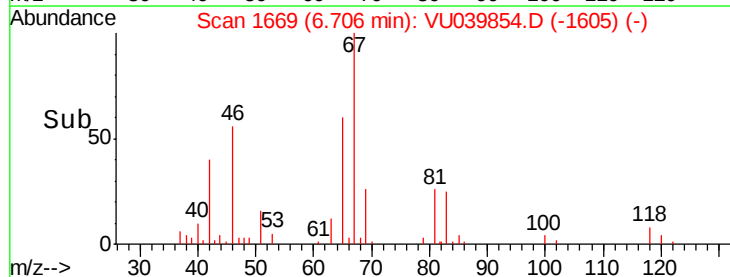
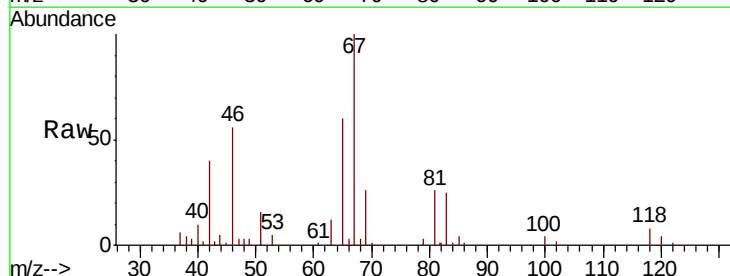
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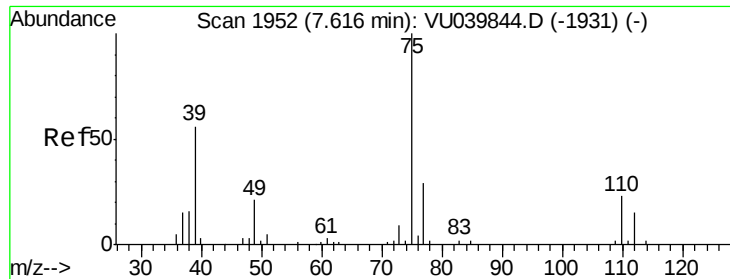
Tot Ion: 83 Resp: 6622
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 2.4 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU039854.D
Acq: 13 Aug 2020 16:28

Tgt Ion: 63 Resp: 3292
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

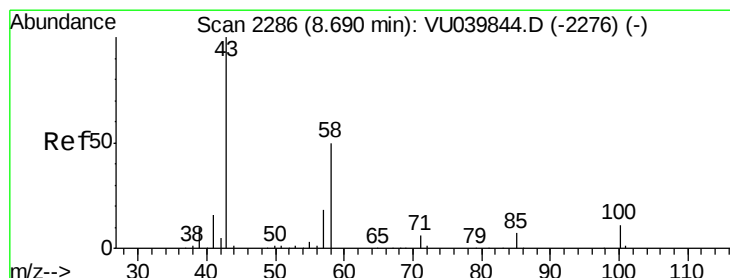
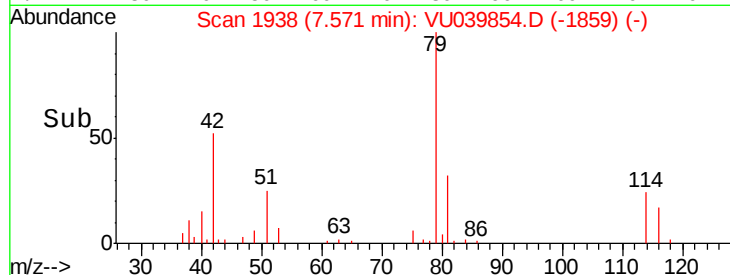
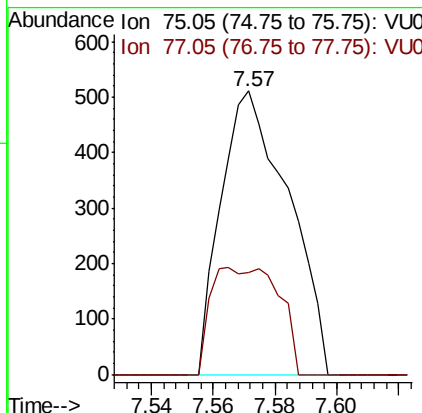
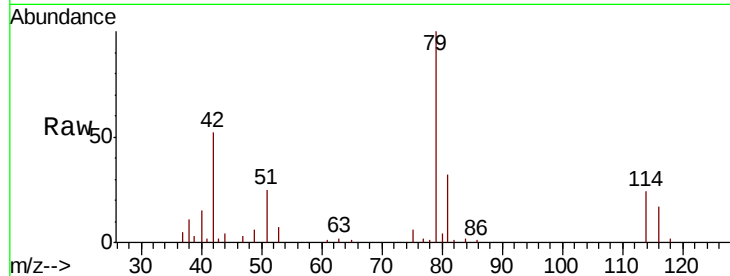




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039854.D
 Acq: 13 Aug 2020 16:28

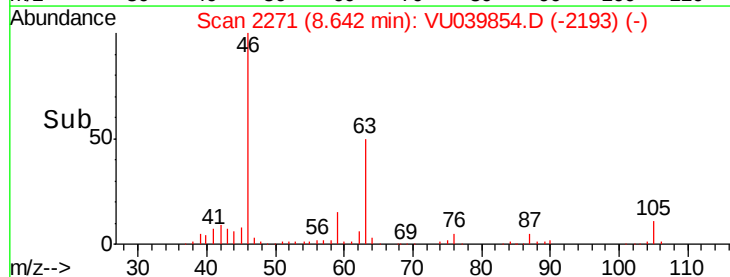
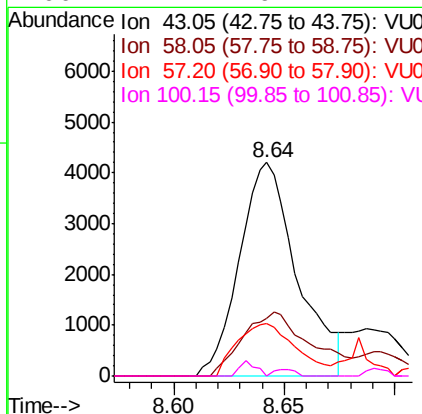
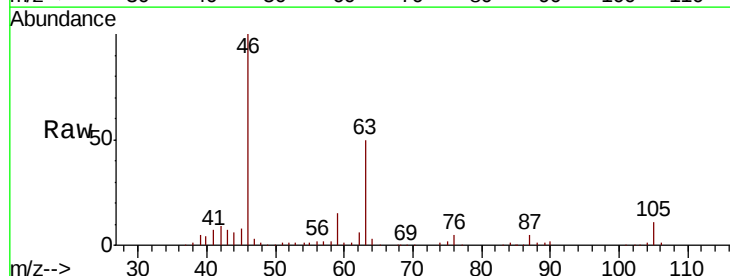
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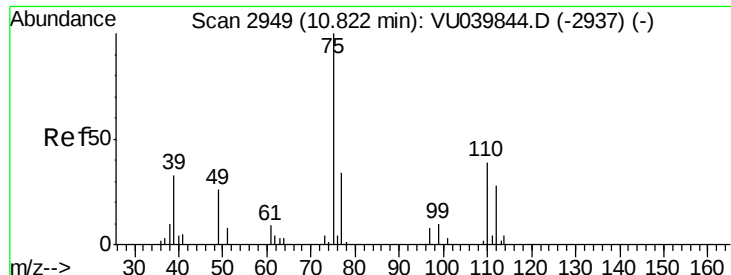
Tot Ion: 75 Resp: 773
 Ion Ratio Lower Upper
 75 100
 77 35.8 22.4 41.6



#48
 2-Hexanone
 Concen: 2.784 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039854.D
 Acq: 13 Aug 2020 16:28

Tgt Ion: 43 Resp: 7649
 Ion Ratio Lower Upper
 43 100
 58 35.4 41.8 62.8#
 57 25.2 14.2 21.4#
 100 1.1 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.312 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039854.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 4818

Ion Ratio Lower Upper

75 100

77 40.3 24.6 37.0#

