

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U081720\
 Data File : VU039879.D
 Acq On : 17 Aug 2020 11:51
 Operator : SY/MD
 Sample : L3517-01DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L31DL

Quant Time: Aug 18 04:25:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	84629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15819	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.92	69	17903	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	2.58	63	26884	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.66	46	92496	46.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.04%
24) Chloroform-d	5.08	84	44100	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.72	65	27562	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
32) Benzene-d6	5.74	84	77001	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.70	67	27300	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.90	98	62156	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	8.19	79	10827	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	68445	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27800	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31616	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

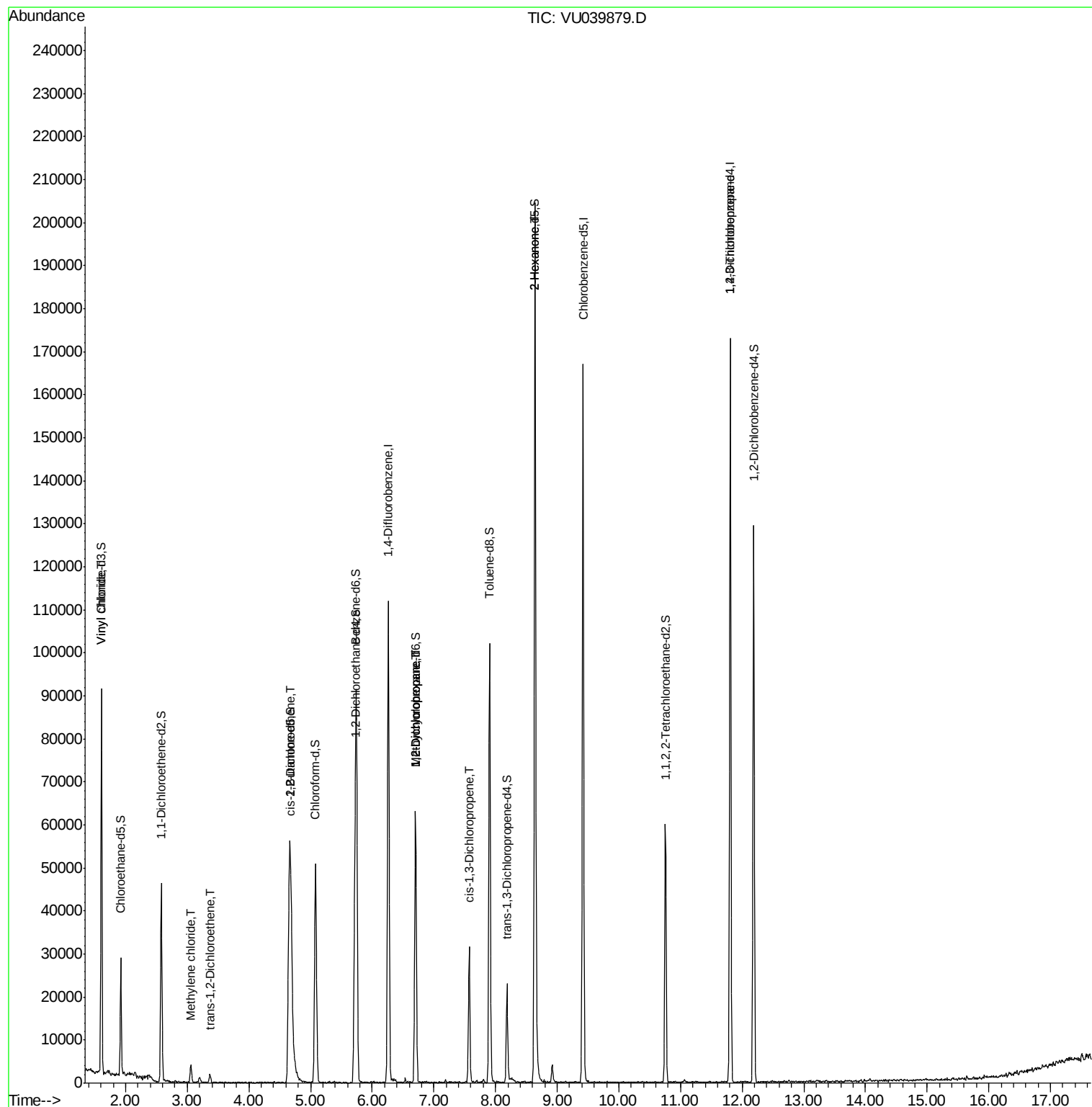
					Ovalue
5) Vinyl chloride	1.61	62	42509	6.178	ug/L 95
16) Methylene chloride	3.06	84	1746	0.215	ug/L 97
18) trans-1,2-Dichloroethene	3.37	96	804	0.143	ug/L 82
22) cis-1,2-Dichloroethene	4.68	96	6014	0.984	ug/L 82
35) Methylcyclohexane	6.70	83	6730	0.711	ug/L # 20
37) 1,2-Dichloropropane	6.70	63	3317	0.547	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	928	0.112	ug/L # 44
48) 2-Hexanone	8.64	43	9540	2.915	ug/L # 69
59) 1,2,3-Trichloropropane	11.81	75	6197	1.417	ug/L # 86

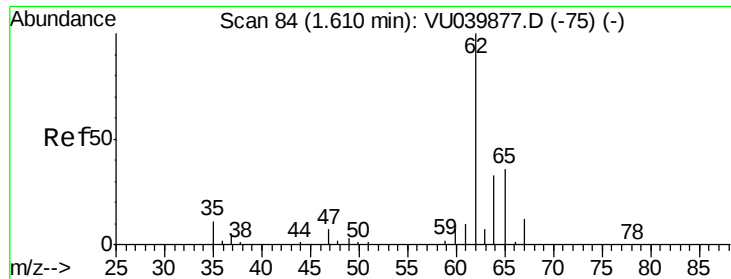
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.178 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039879.D

Acq: 17 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleID :

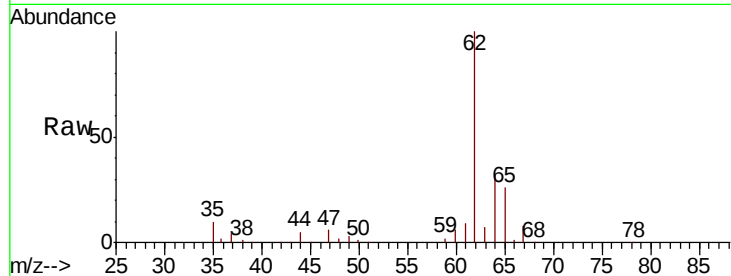
F4L31DL

Tot Ion: 62 Resp: 42509

Ion Ratio Lower Upper

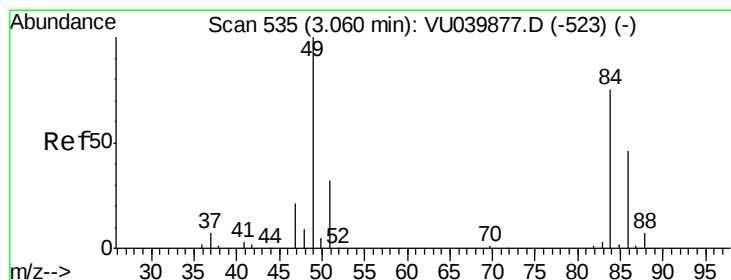
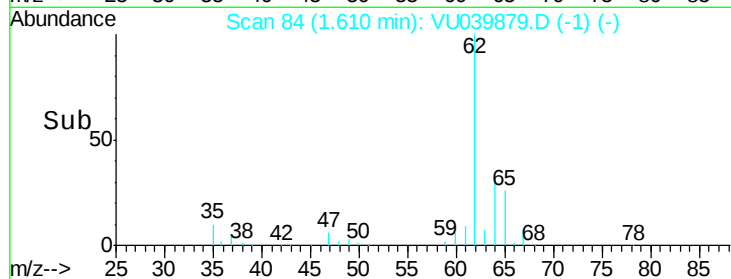
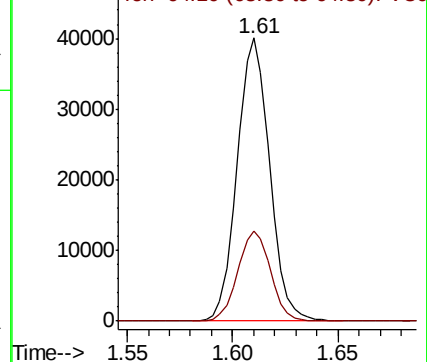
62 100

64 31.8 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039879.D

Acq: 17 Aug 2020 11:51

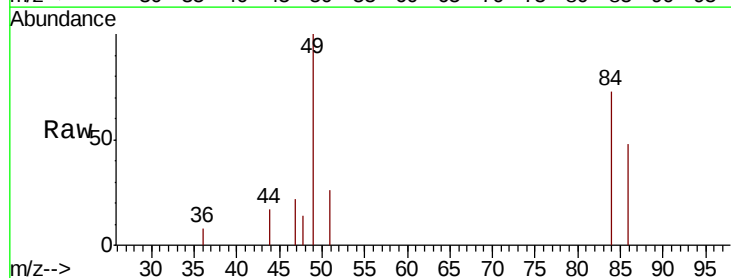
Tgt Ion: 84 Resp: 1746

Ion Ratio Lower Upper

84 100

86 66.0 43.9 81.5

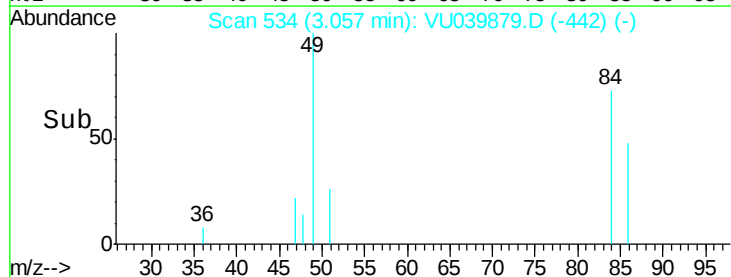
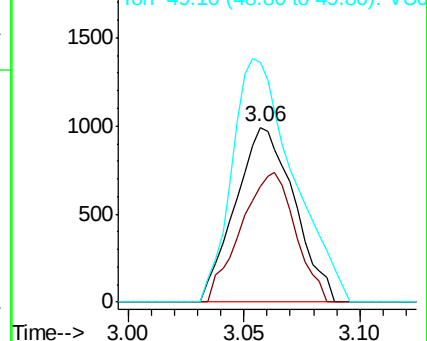
49 137.6 94.4 175.4

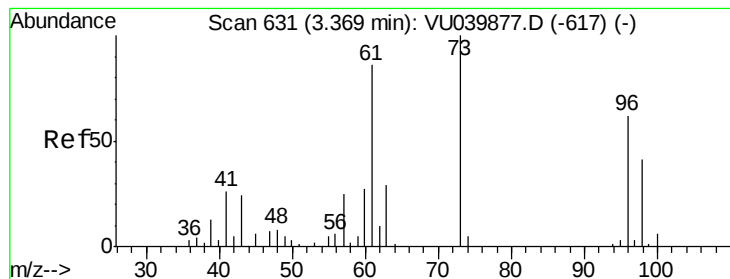


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.143 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039879.D

Acq: 17 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

F4L31DL

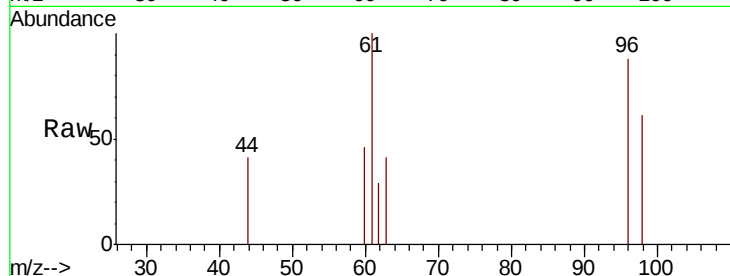
Tot Ion: 96 Resp: 804

Ion Ratio Lower Upper

96 100

61 113.9 96.5 179.1

98 69.4 40.9 76.0

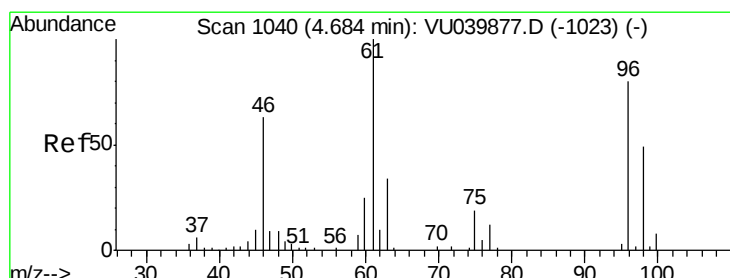
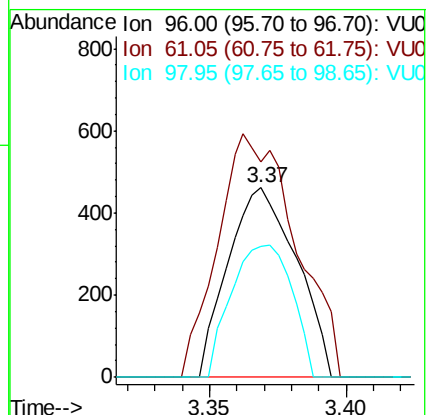
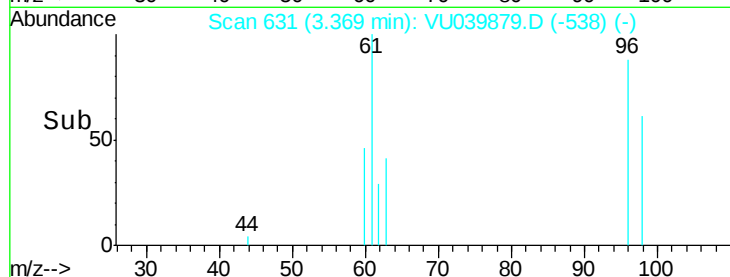


Abundance Ion 96.00 (95.70 to 96.70): VU039879.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU039879.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU039879.D (-538) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.984 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039879.D

Acq: 17 Aug 2020 11:51

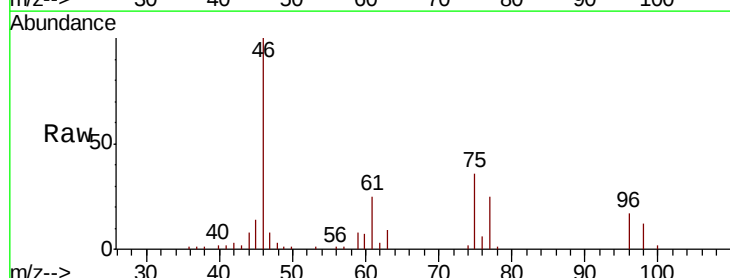
Tgt Ion: 96 Resp: 6014

Ion Ratio Lower Upper

96 100

61 145.8 87.4 162.2

68 0.0 0.0 0.0

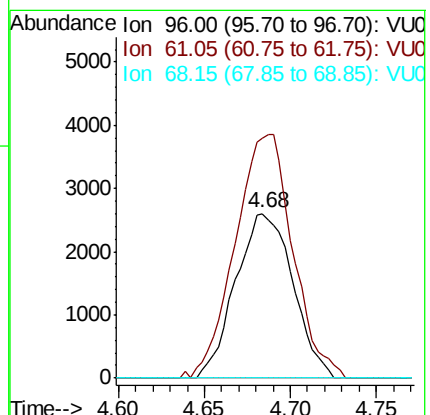
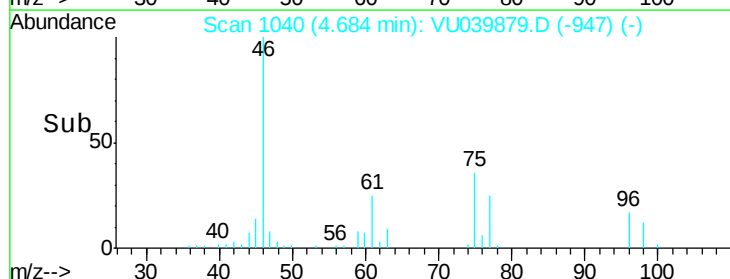


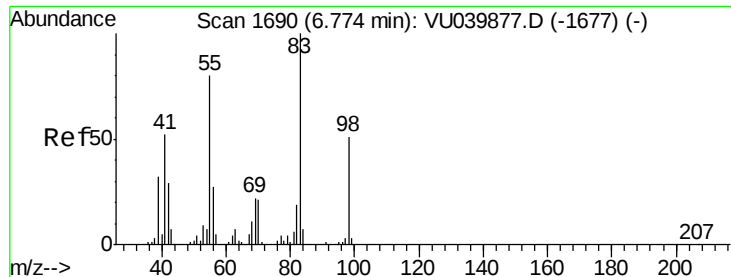
Abundance Ion 96.00 (95.70 to 96.70): VU039879.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039879.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039879.D (-947) (-)

Time-->

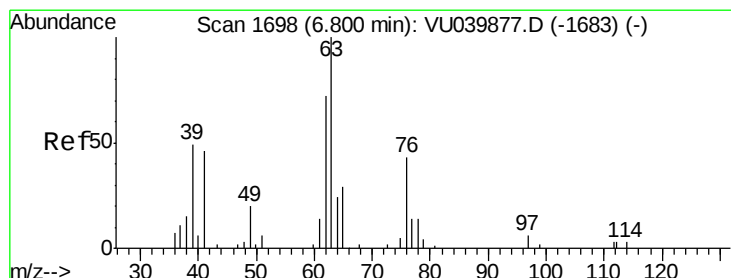
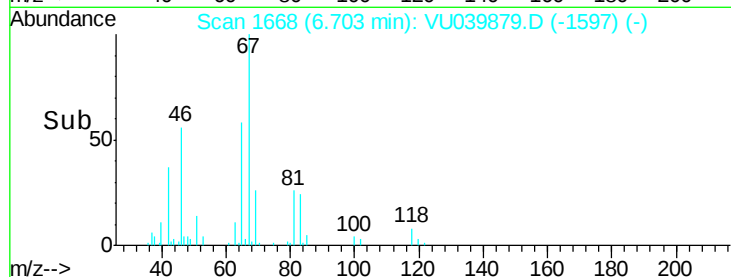
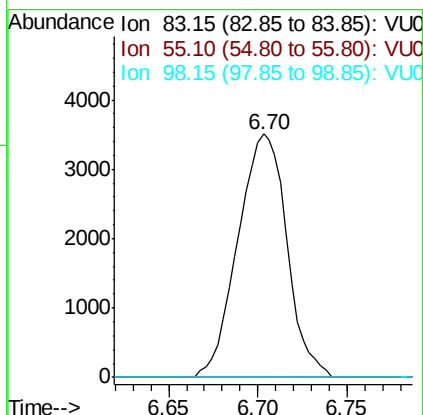
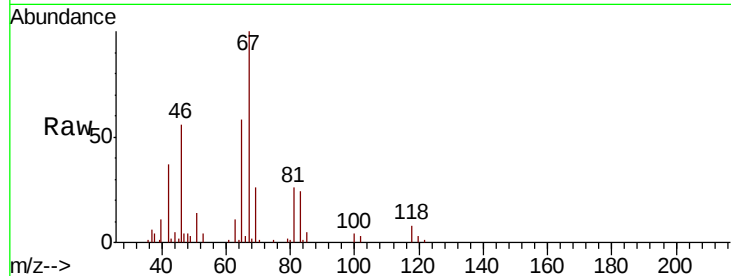




#35
Methvlcvclohexane
Concen: 0.711 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039879.D
Acq: 17 Aug 2020 11:51

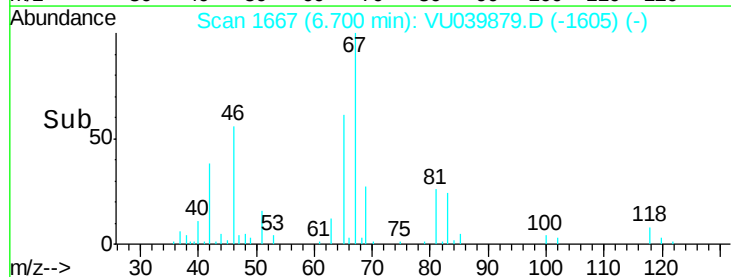
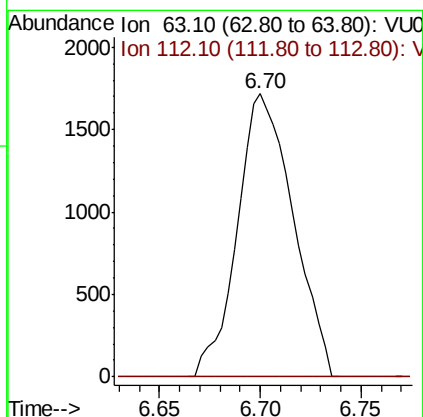
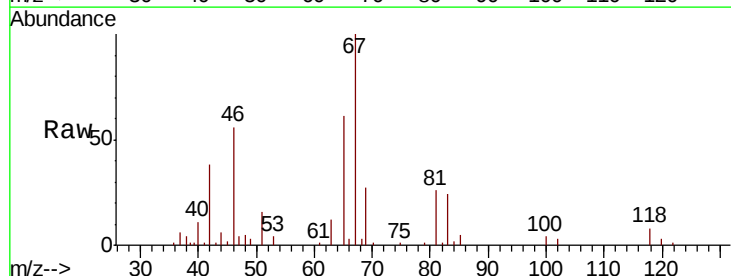
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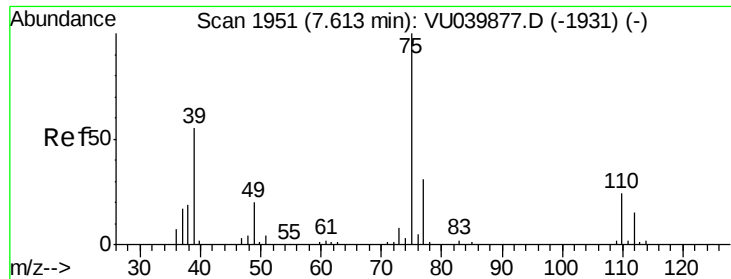
Tot Ion: 83 Resp: 6730
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 2.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039879.D
Acq: 17 Aug 2020 11:51

Tgt Ion: 63 Resp: 3317
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

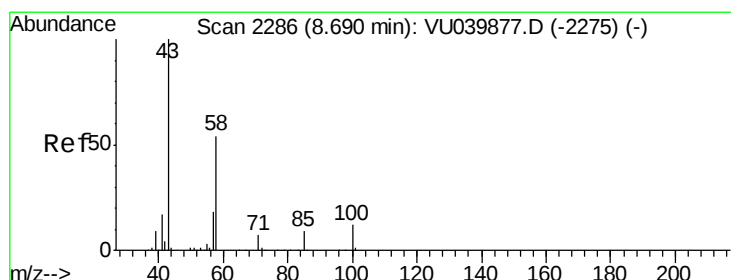
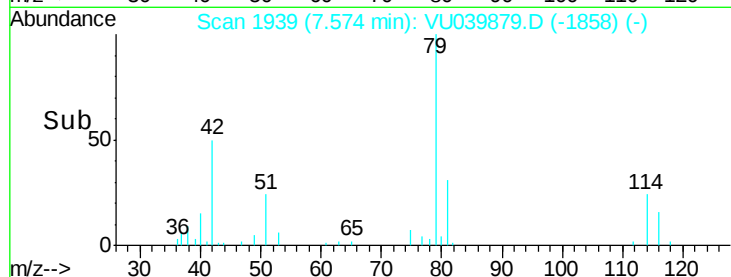
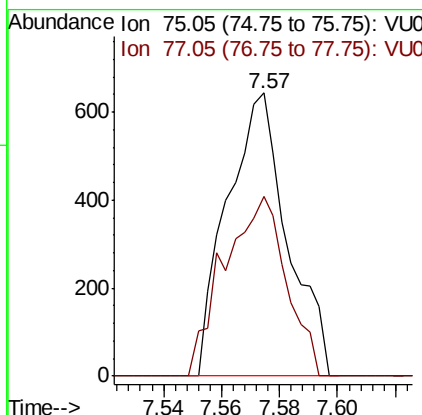
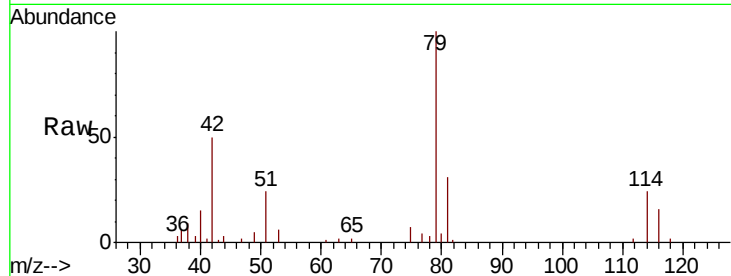




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039879.D
 Acq: 17 Aug 2020 11:51

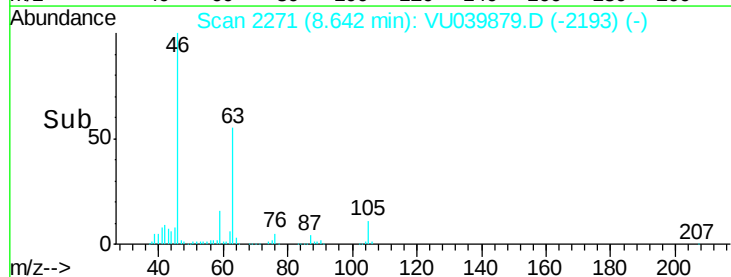
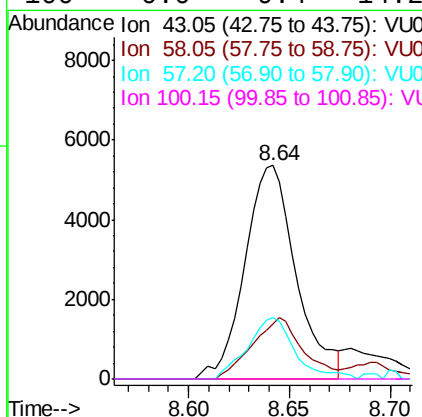
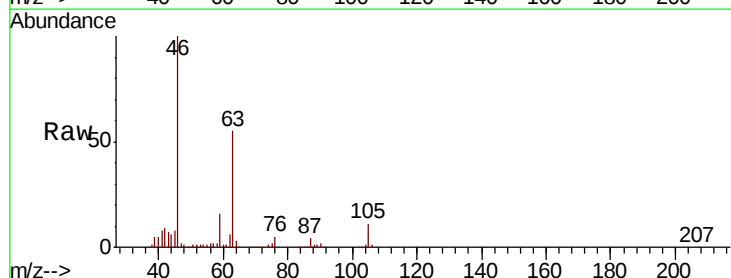
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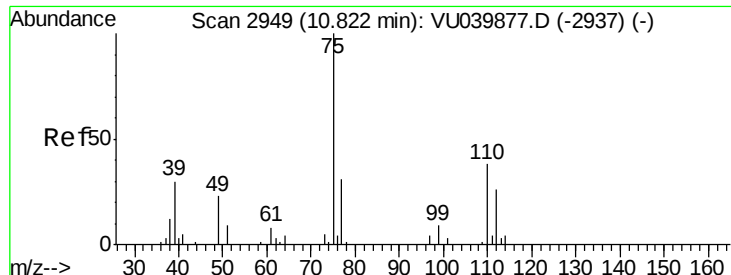
Tot Ion: 75 Resp: 928
 Ion Ratio Lower Upper
 75 100
 77 63.5 22.4 41.6#



#48
 2-Hexanone
 Concen: 2.915 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039879.D
 Acq: 17 Aug 2020 11:51

Tgt Ion: 43 Resp: 9540
 Ion Ratio Lower Upper
 43 100
 58 28.1 41.8 62.8#
 57 26.4 14.2 21.4#
 100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.417 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039879.D

Acq: 17 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

F4L31DL

Tot Ion: 75 Resp: 6197

Ion Ratio Lower Upper

75 100

77 38.5 24.6 37.0#

