

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\NOT REVIEWED DATA\
 Data File : VU040081.D
 Acq On : 10 Sep 2020 15:18
 Operator : SY/MD
 Sample : L3963-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y51

Quant Time: Sep 11 10:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100133	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34838	6.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.40%
7) Chloroethane-d5	1.92	69	27971	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.58	63	53683	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.64	46	103600	47.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	5.08	84	64122	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	40096	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	121274	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	39203	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	99081	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.19	79	15536	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.64	63	78483	46.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32914	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38478	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

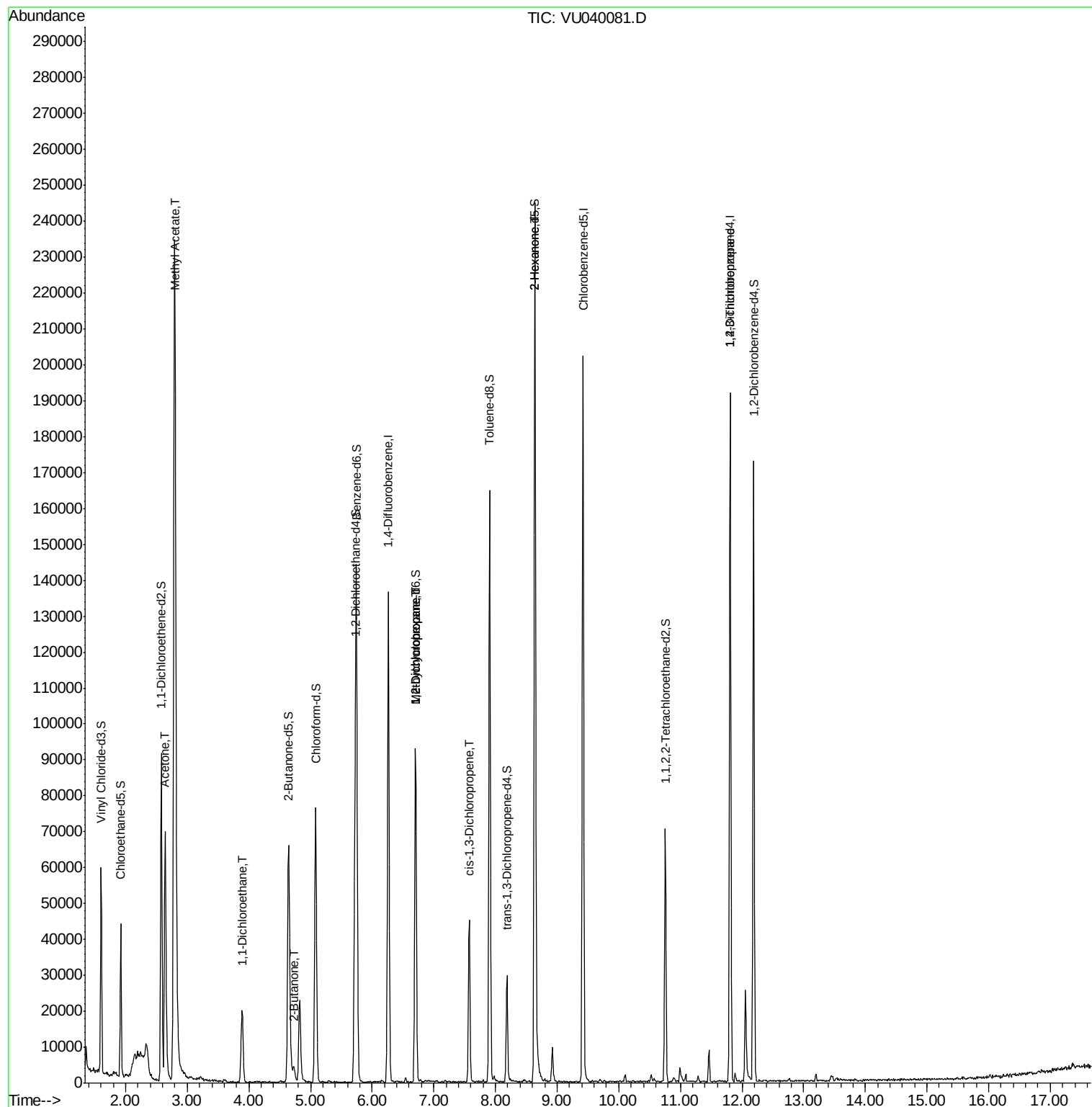
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.64	43	87884	43.414	ug/L	98
15) Methyl Acetate	2.80	43	87070	17.137	ug/L #	54
19) 1,1-Dichloroethane	3.89	63	23560	1.373	ug/L	94
21) 2-Butanone	4.73	43	4931	1.492	ug/L	95
35) Methylcyclohexane	6.71	83	9797	0.667	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4341	0.448	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1368	0.096	ug/L #	80
48) 2-Hexanone	8.64	43	11736	2.024	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	7624	1.062	ug/L	91

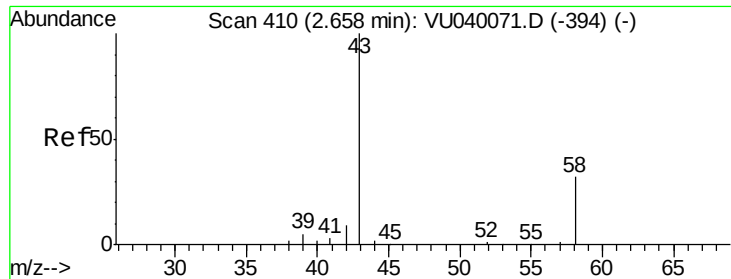
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 43.414 ug/L

RT: 2.64 min Scan# 405

Delta R.T. -0.02 min

Lab File: VU040081.D

Acq: 10 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

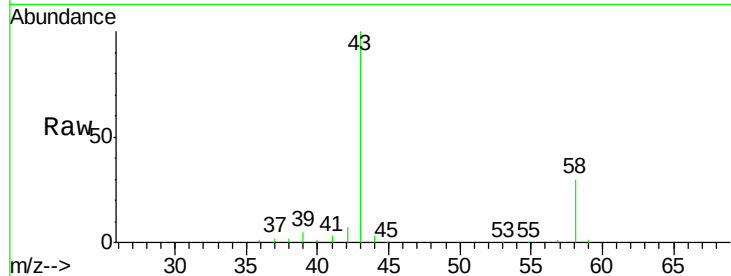
F4Y51

Tgt Ion: 43 Resp: 87884

Ion Ratio Lower Upper

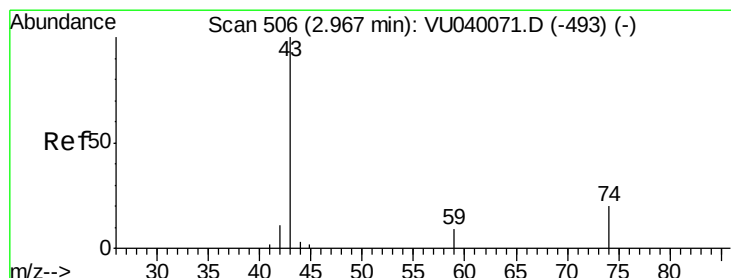
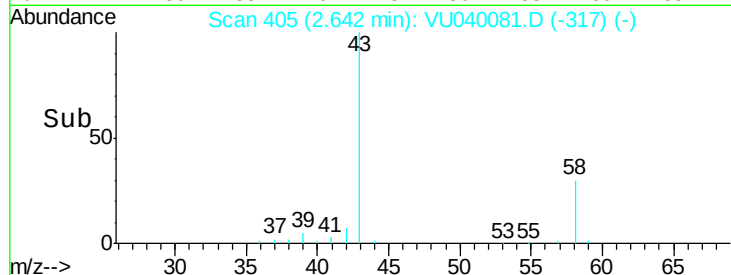
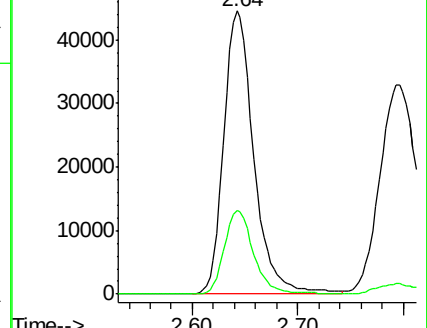
43 100

58 29.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040081.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU040081.D (-394) (-)



#15

Methyl Acetate

Concen: 17.137 ug/L

RT: 2.80 min Scan# 453

Delta R.T. -0.17 min

Lab File: VU040081.D

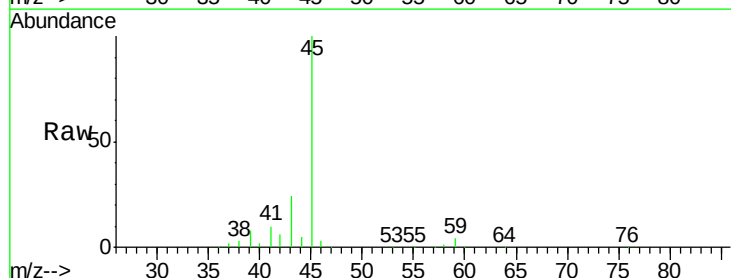
Acq: 10 Sep 2020 15:18

Tgt Ion: 43 Resp: 87070

Ion Ratio Lower Upper

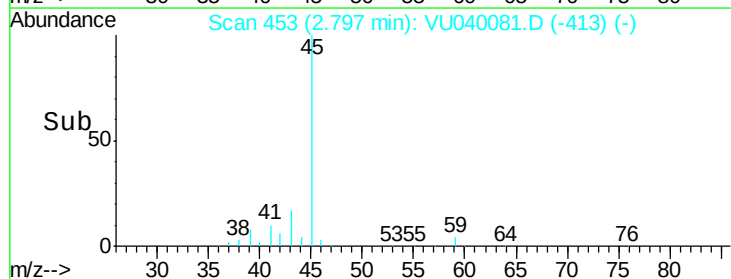
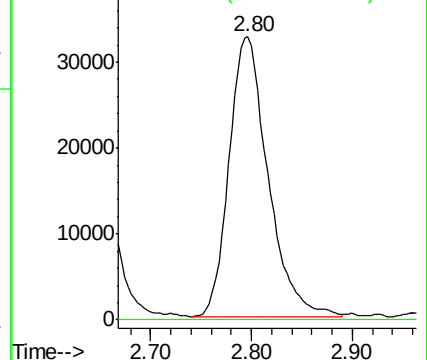
43 100

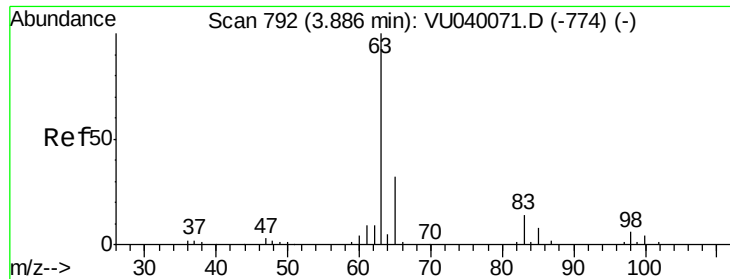
74 0.0 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040081.D (-413) (-)

Ion 74.05 (73.75 to 74.75): VU040081.D (-413) (-)

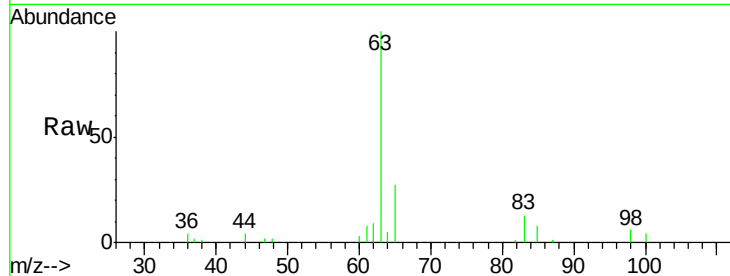




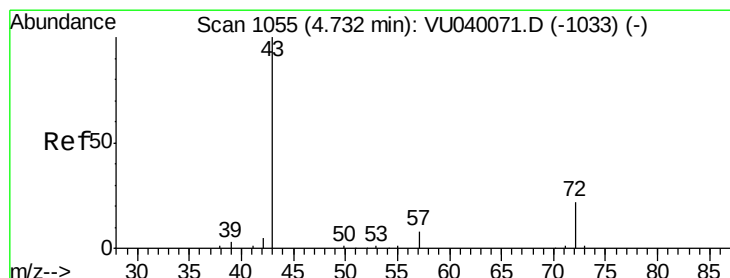
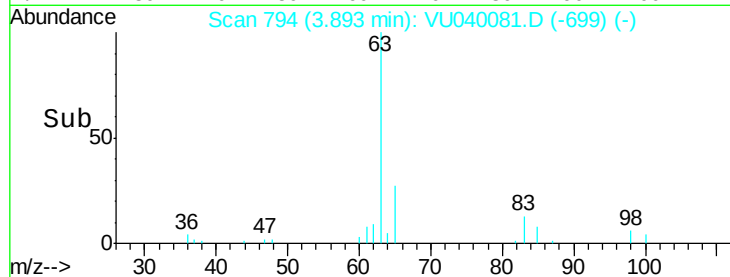
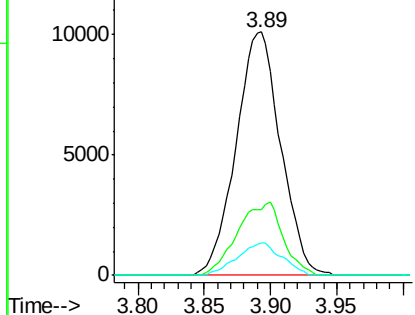
#19
 1,1-Dichloroethane
 Concen: 1.373 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: VU040081.D
 Acq: 10 Sep 2020 15:18

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y51

Tgt Ion: 63 Resp: 23560
 Ion Ratio Lower Upper
 63 100
 65 27.2 22.2 41.2
 83 13.5 9.4 17.6

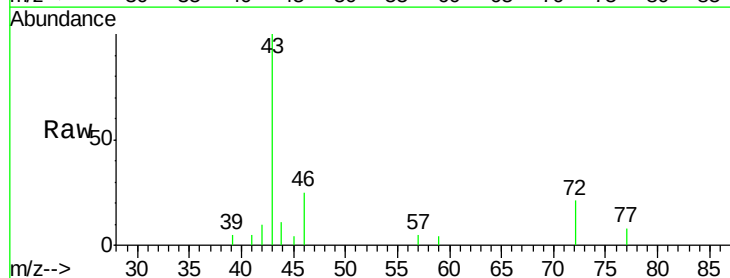


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

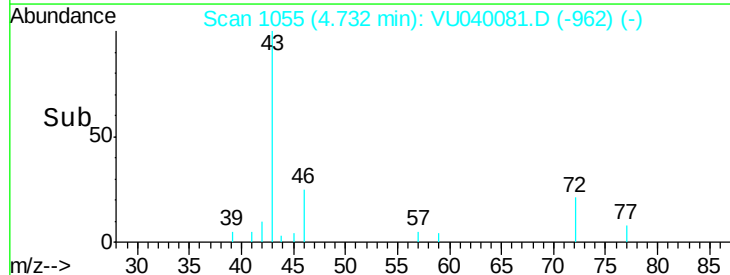
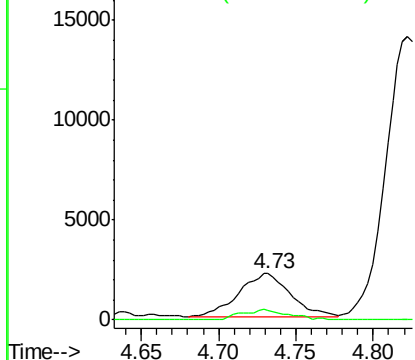


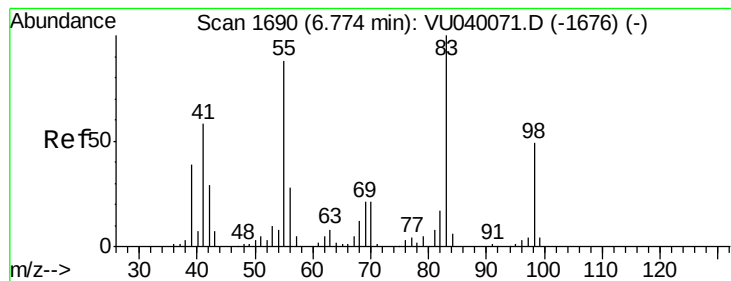
#21
 2-Butanone
 Concen: 1.492 ug/L
 RT: 4.73 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VU040081.D
 Acq: 10 Sep 2020 15:18

Tgt Ion: 43 Resp: 4931
 Ion Ratio Lower Upper
 43 100
 72 21.0 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040081.D

Acq: 10 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

F4Y51

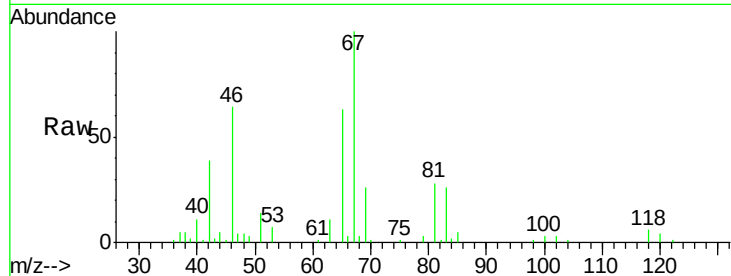
Tgt Ion: 83 Resp: 9797

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

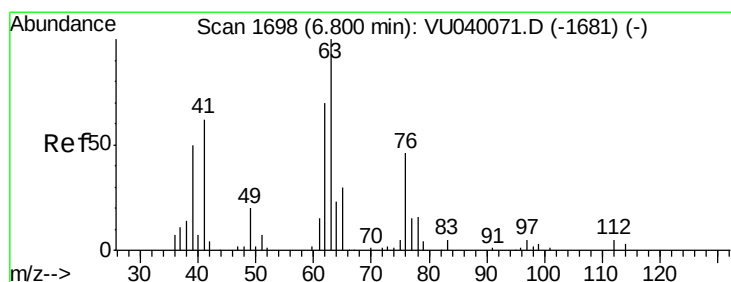
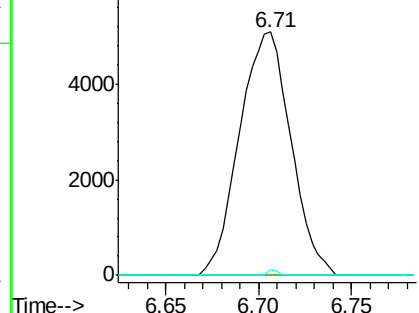
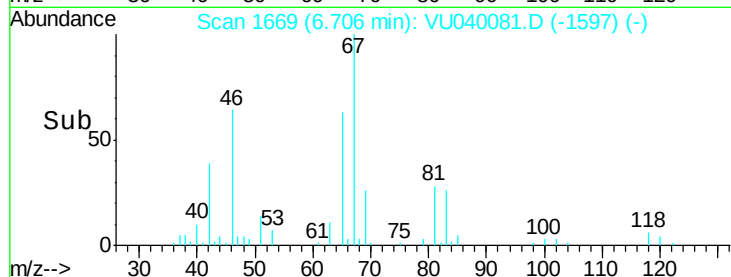
98 0.4 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VU040081.D (-1669) (-)

Ion 55.10 (54.80 to 55.80): VU040081.D (-1669) (-)

Ion 98.15 (97.85 to 98.85): VU040081.D (-1669) (-)



#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040081.D

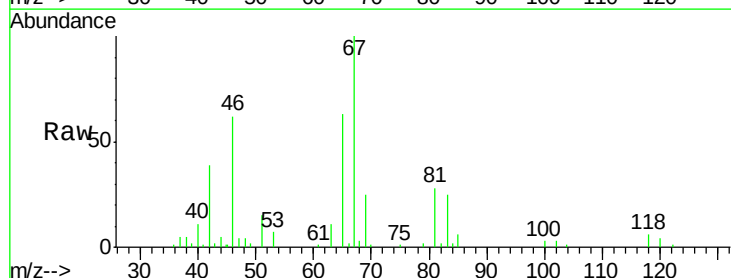
Acq: 10 Sep 2020 15:18

Tgt Ion: 63 Resp: 4341

Ion Ratio Lower Upper

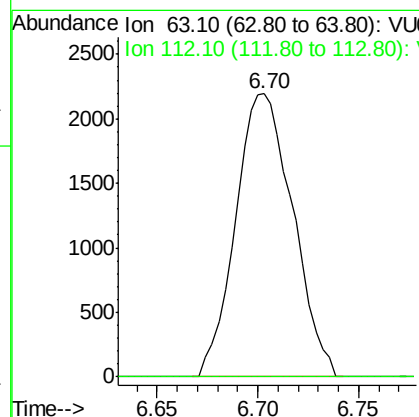
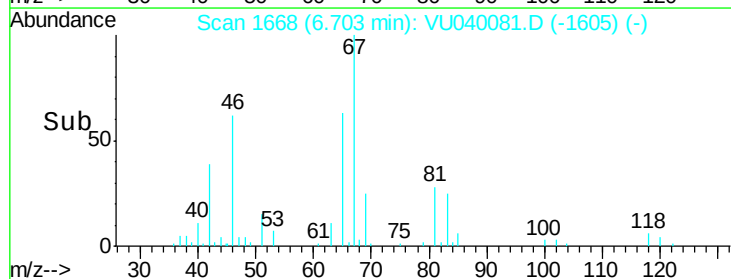
63 100

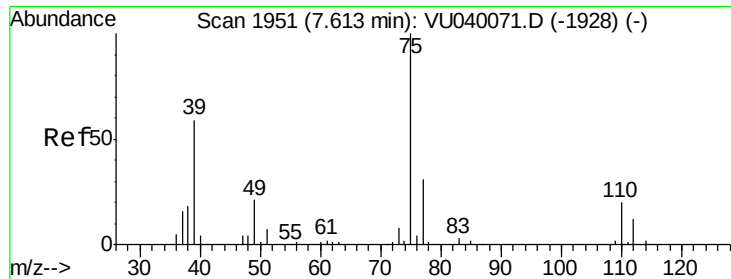
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040081.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU040081.D (-1668) (-)

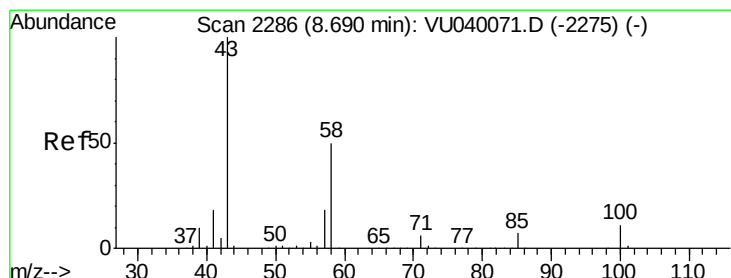
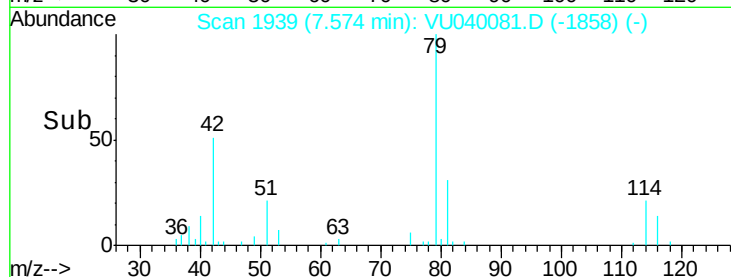
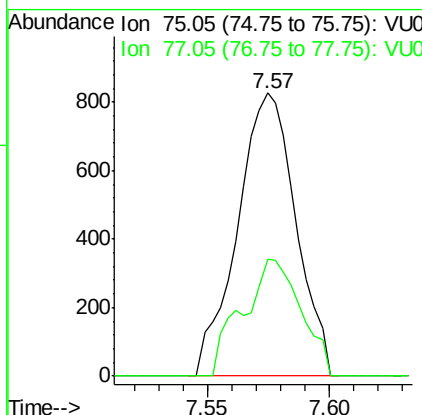
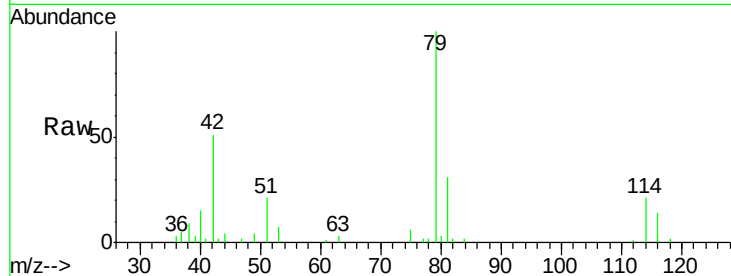




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040081.D
 Acq: 10 Sep 2020 15:18

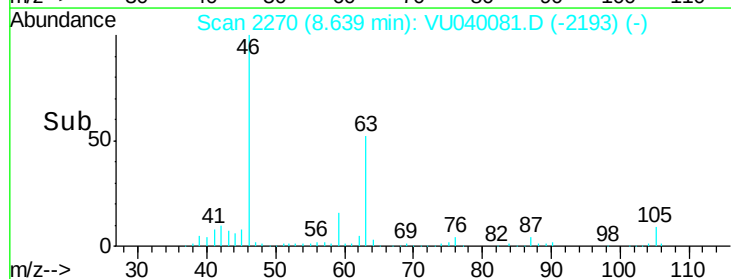
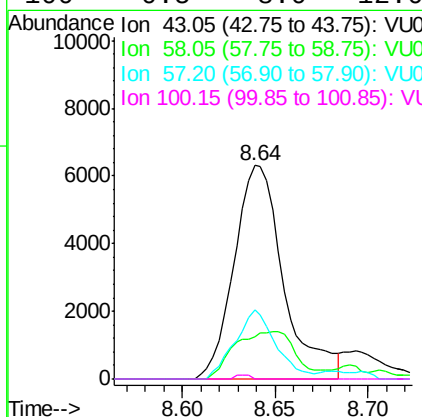
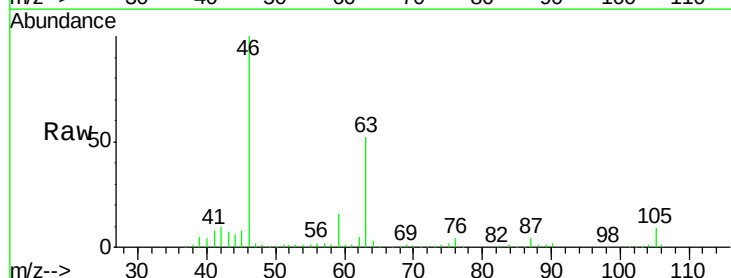
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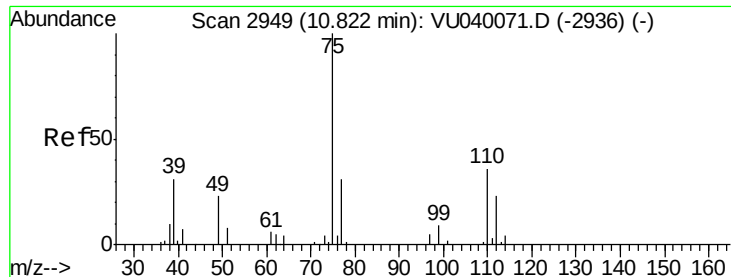
Tgt Ion: 75 Resp: 1368
 Ion Ratio Lower Upper
 75 100
 77 41.2 21.1 39.3#



#48
 2-Hexanone
 Concen: 2.024 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040081.D
 Acq: 10 Sep 2020 15:18

Tgt Ion: 43 Resp: 11736
 Ion Ratio Lower Upper
 43 100
 58 27.8 39.6 59.4#
 57 26.6 14.3 21.5#
 100 0.5 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 1.062 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040081.D

Acq: 10 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

F4Y51

Tgt Ion: 75 Resp: 7624

Ion Ratio Lower Upper

75 100

77 35.8 24.9 37.3

