

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040434.D
 Acq On : 01 Oct 2020 21:04
 Operator : SY/MD
 Sample : L4202-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR1

Quant Time: Oct 02 05:28:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115005	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22849	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.92	69	24466	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	39781	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.65	46	159820	56.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.02%
24) Chloroform-d	5.08	84	67564	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	43384	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	116364	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	44729	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	88494	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	15525	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	109227	52.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42812	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44574	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

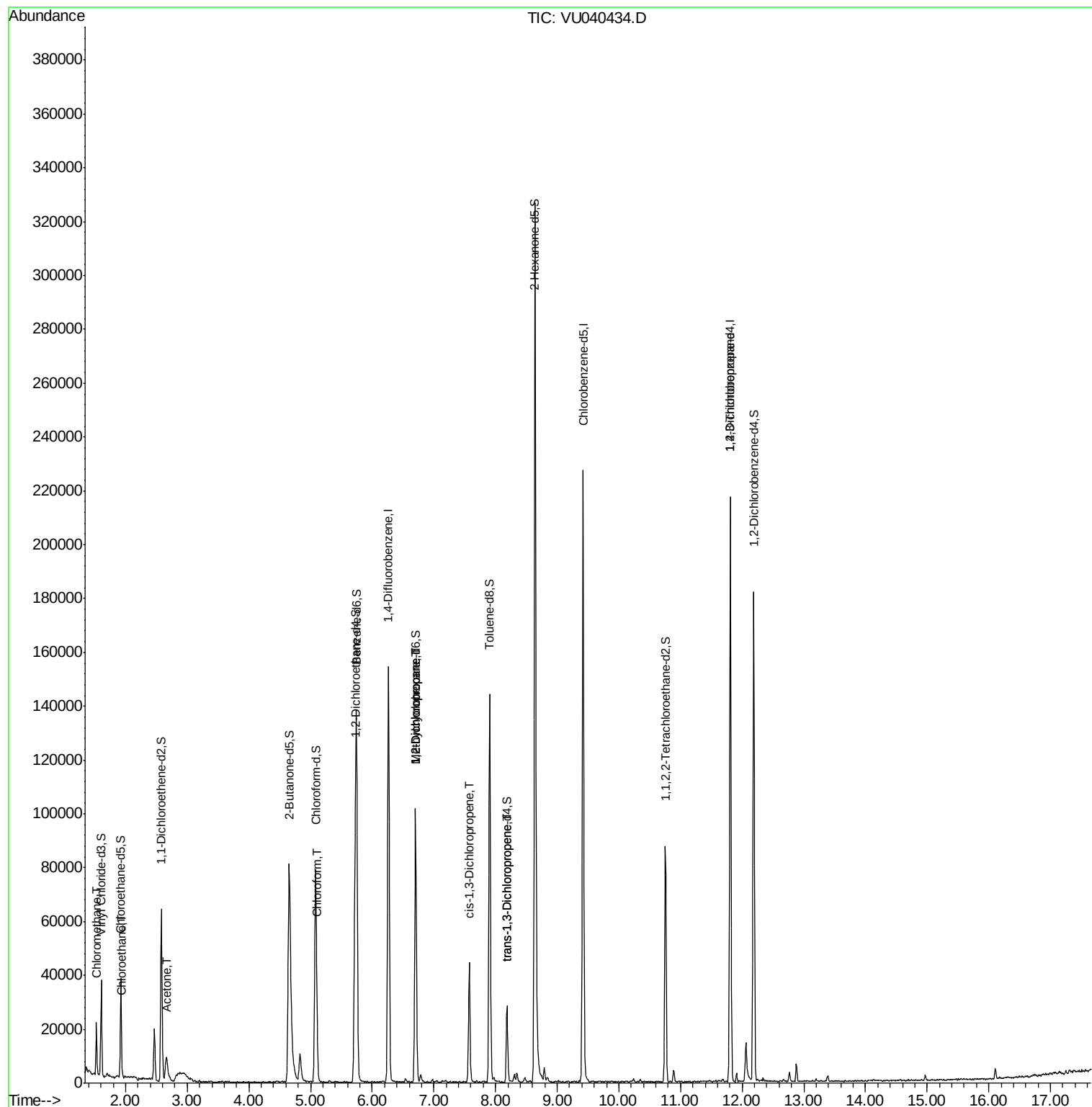
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	12669	1.120	ug/L	99
8) Chloroethane	1.94	64	420	0.064	ug/L #	44
13) Acetone	2.66	43	18150	7.701	ug/L	99
25) Chloroform	5.11	83	3318	0.175	ug/L	82
35) Methylcyclohexane	6.70	83	9893	0.647	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5252	0.481	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1288	0.088	ug/L	84
44) trans-1,3-Dichloropropene	8.19	75	761	0.056	ug/L #	28
59) 1,2,3-Trichloropropane	11.81	75	7239	0.914	ug/L #	88

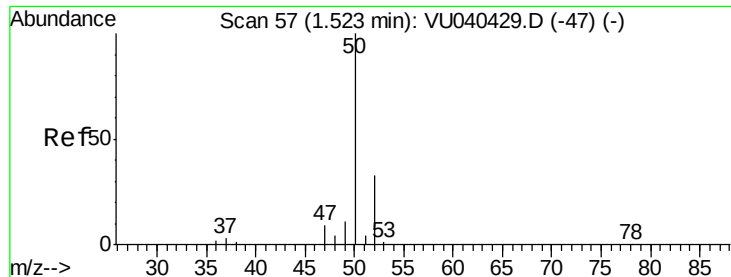
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.120 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040434.D

Acq: 01 Oct 2020 21:04

Instrument :

MSVOA_U

ClientSampleId :

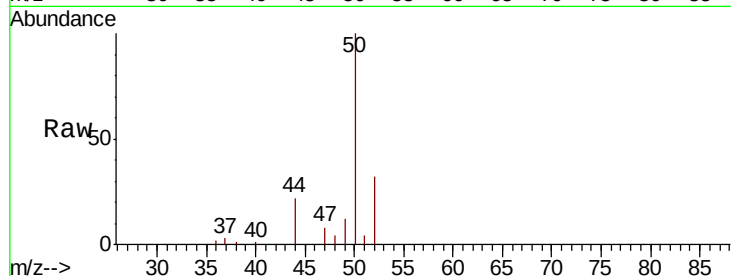
BFZR1

Tot Ion: 50 Resp: 12669

Ion Ratio Lower Upper

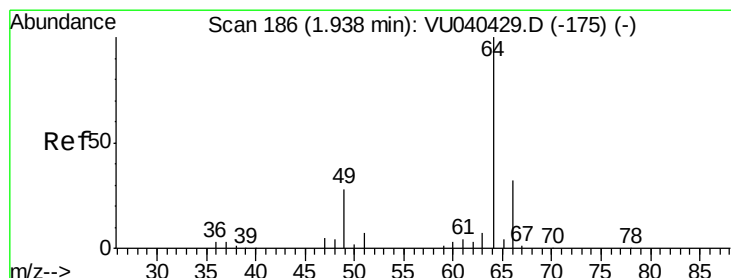
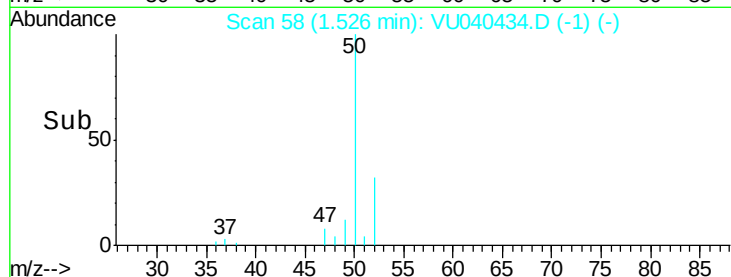
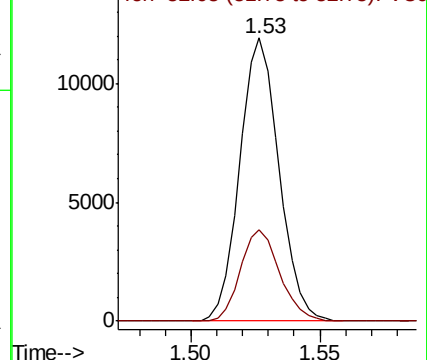
50 100

52 32.4 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.064 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU040434.D

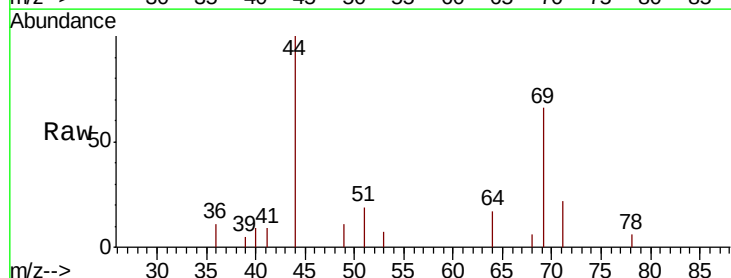
Acq: 01 Oct 2020 21:04

Tgt Ion: 64 Resp: 420

Ion Ratio Lower Upper

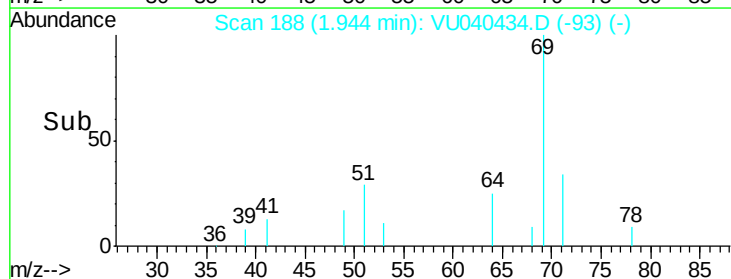
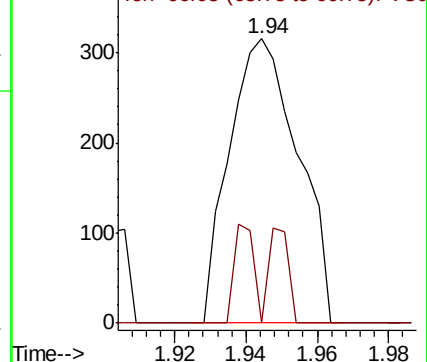
64 100

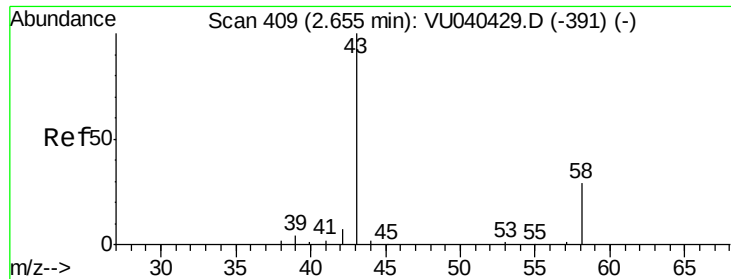
66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 7.701 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Acq: 01 Oct 2020 21:04

Instrument :

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ClientSampleId :

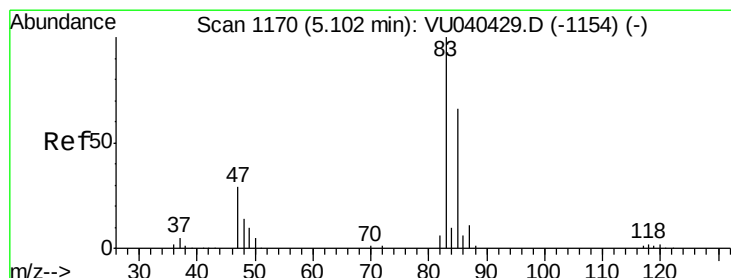
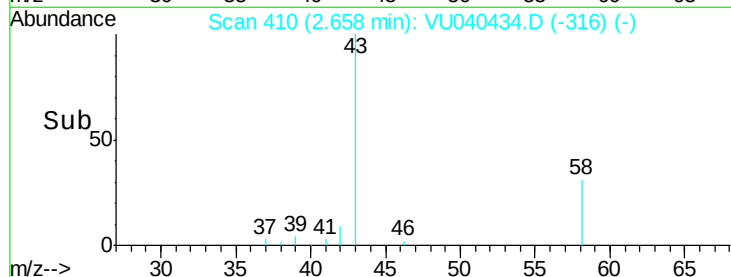
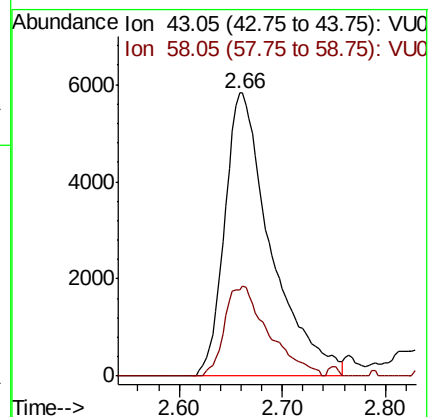
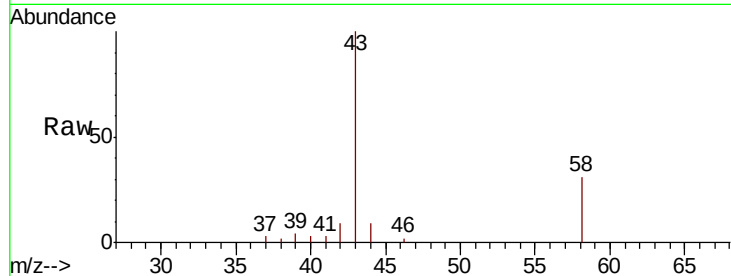
BFZR1

Tot Ion: 43 Resp: 18150

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.8



#25

Chloroform

Concen: 0.175 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040434.D

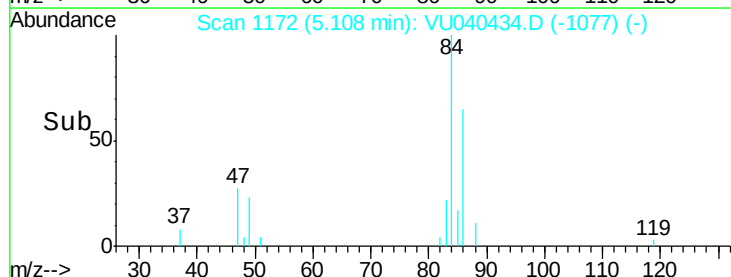
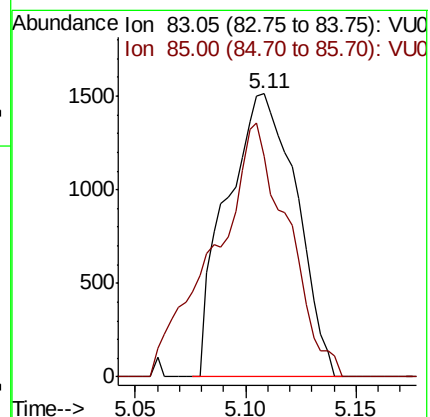
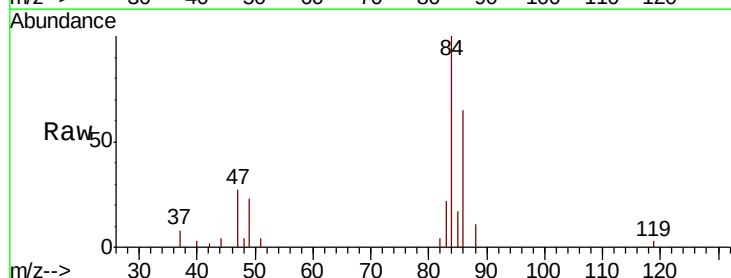
Acq: 01 Oct 2020 21:04

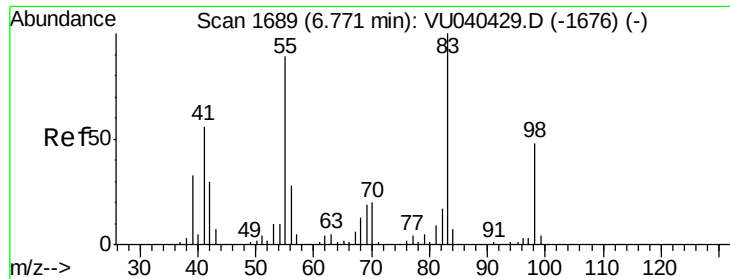
Tgt Ion: 83 Resp: 3318

Ion Ratio Lower Upper

83 100

85 77.8 44.6 82.8

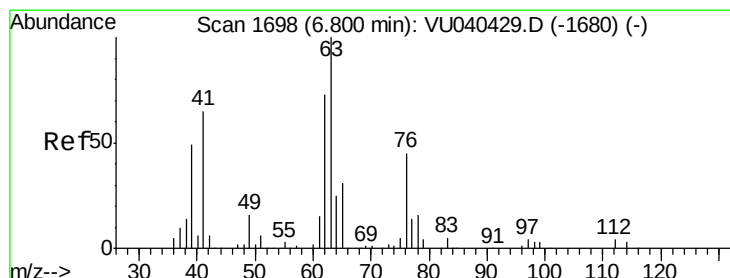
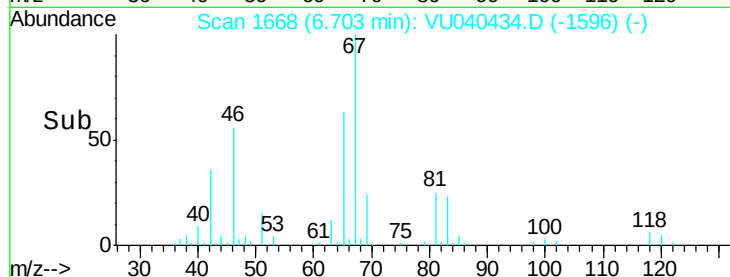
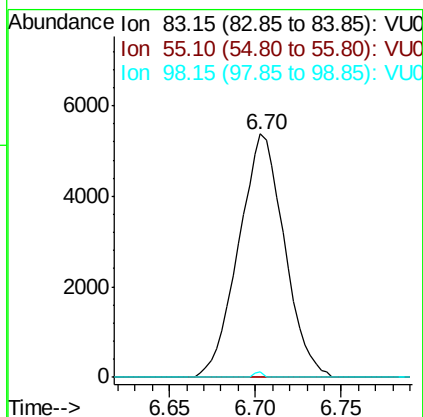
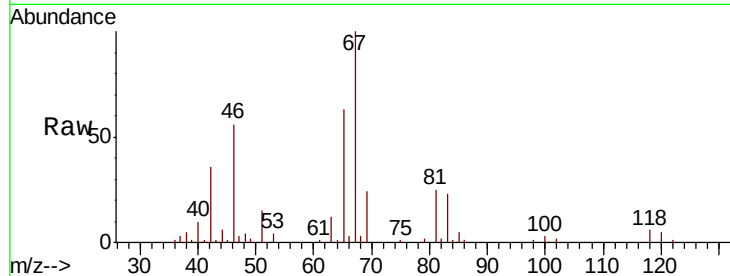




#35
Methylvlcyclohexane
Concen: 0.647 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040434.D
Acq: 01 Oct 2020 21:04

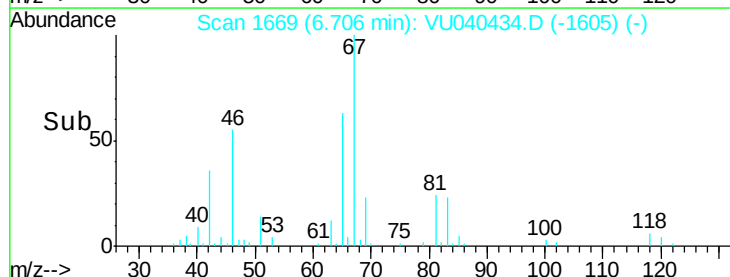
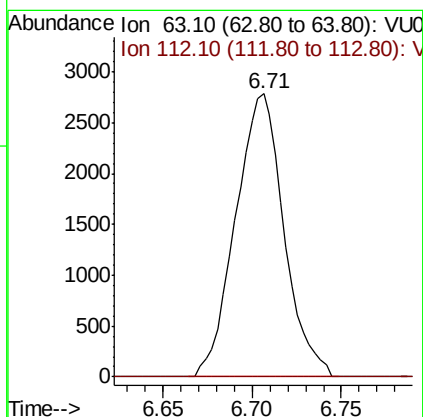
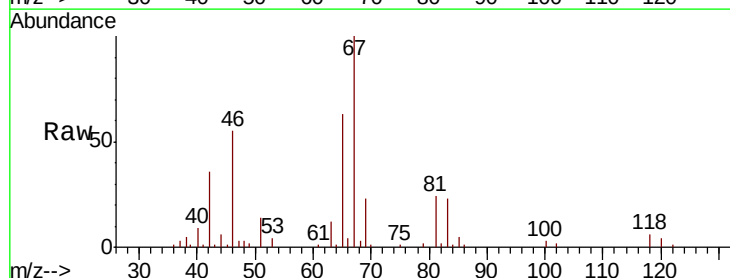
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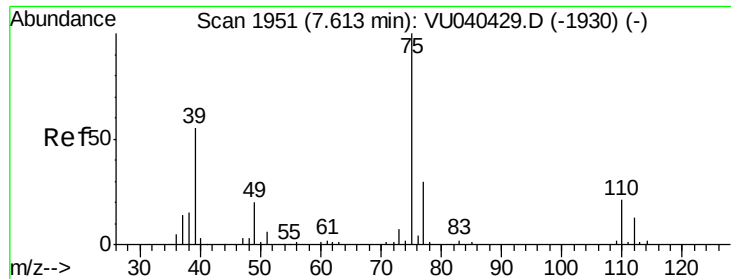
Tot Ion: 83 Resp: 9893
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.4 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040434.D
Acq: 01 Oct 2020 21:04

Tgt Ion: 63 Resp: 5252
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



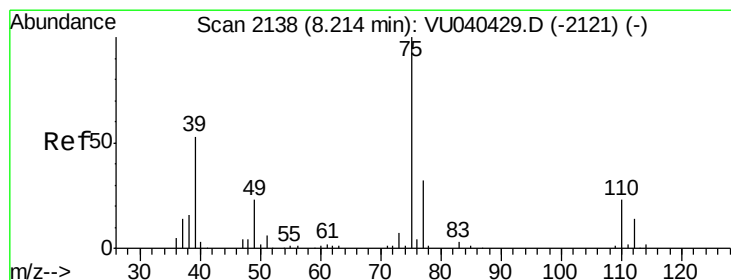
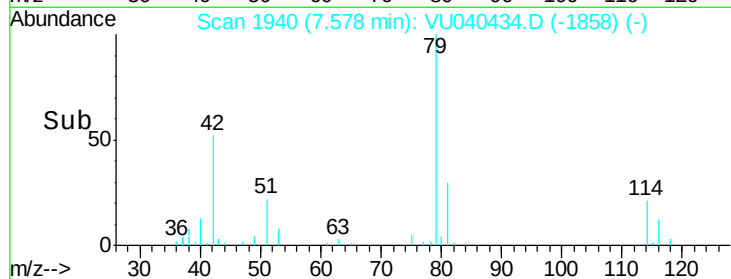
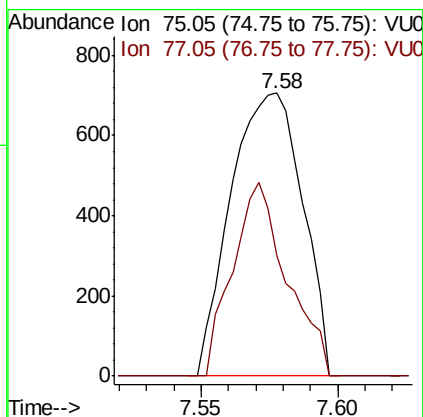
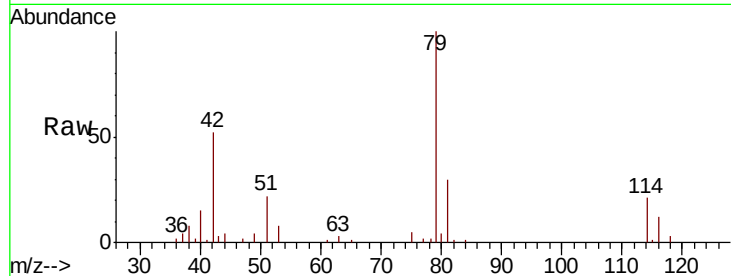


#39

cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040434.D
 Acq: 01 Oct 2020 21:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR1

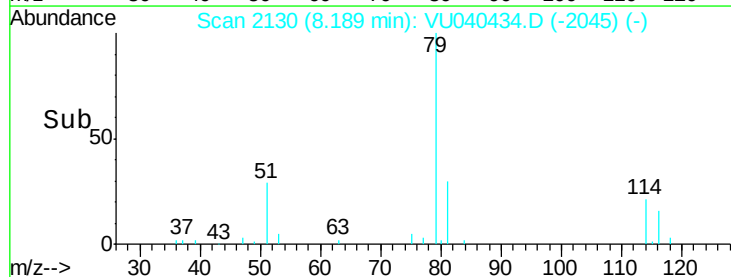
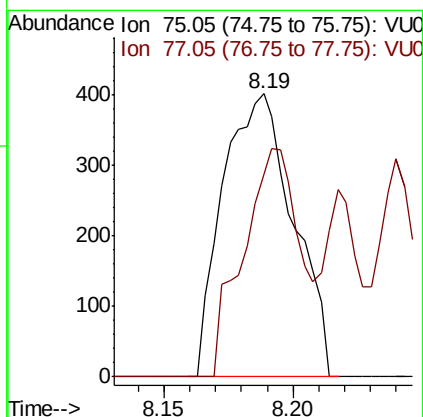
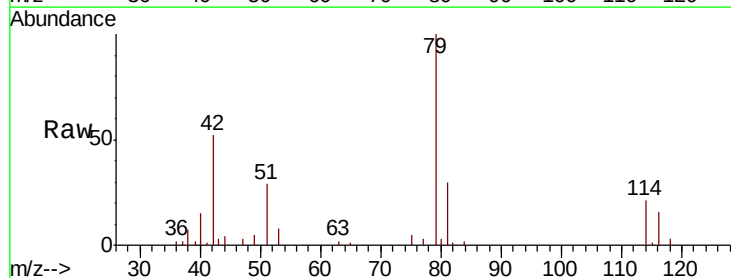
Tot Ion: 75 Resp: 1288
 Ion Ratio Lower Upper
 75 100
 77 42.6 23.5 43.7

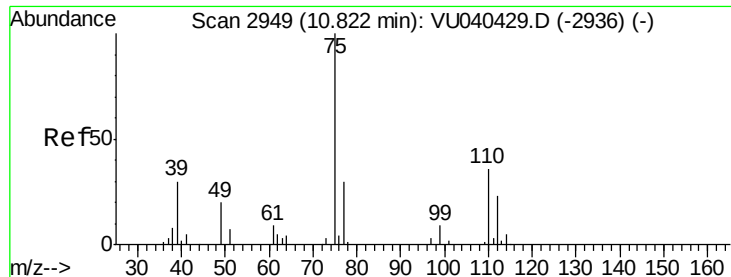


#44

trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040434.D
 Acq: 01 Oct 2020 21:04

Tgt Ion: 75 Resp: 761
 Ion Ratio Lower Upper
 75 100
 77 71.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.914 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040434.D

Acq: 01 Oct 2020 21:04

Instrument :

MSVOA_U

ClientSampleId :

BFZR1

Tot Ion: 75 Resp: 7239

Ion Ratio Lower Upper

75 100

77 39.0 25.7 38.5#

