

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040433.D
 Acq On : 01 Oct 2020 20:41
 Operator : SY/MD
 Sample : L4202-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR0

Quant Time: Oct 02 05:27:57 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	117622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119745	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53399	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23489	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	24561	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	39255	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	159454	55.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.26%
24) Chloroform-d	5.08	84	68658	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	43379	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.75	84	116658	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	43869	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	89825	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	16191	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	107812	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42987	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44404	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

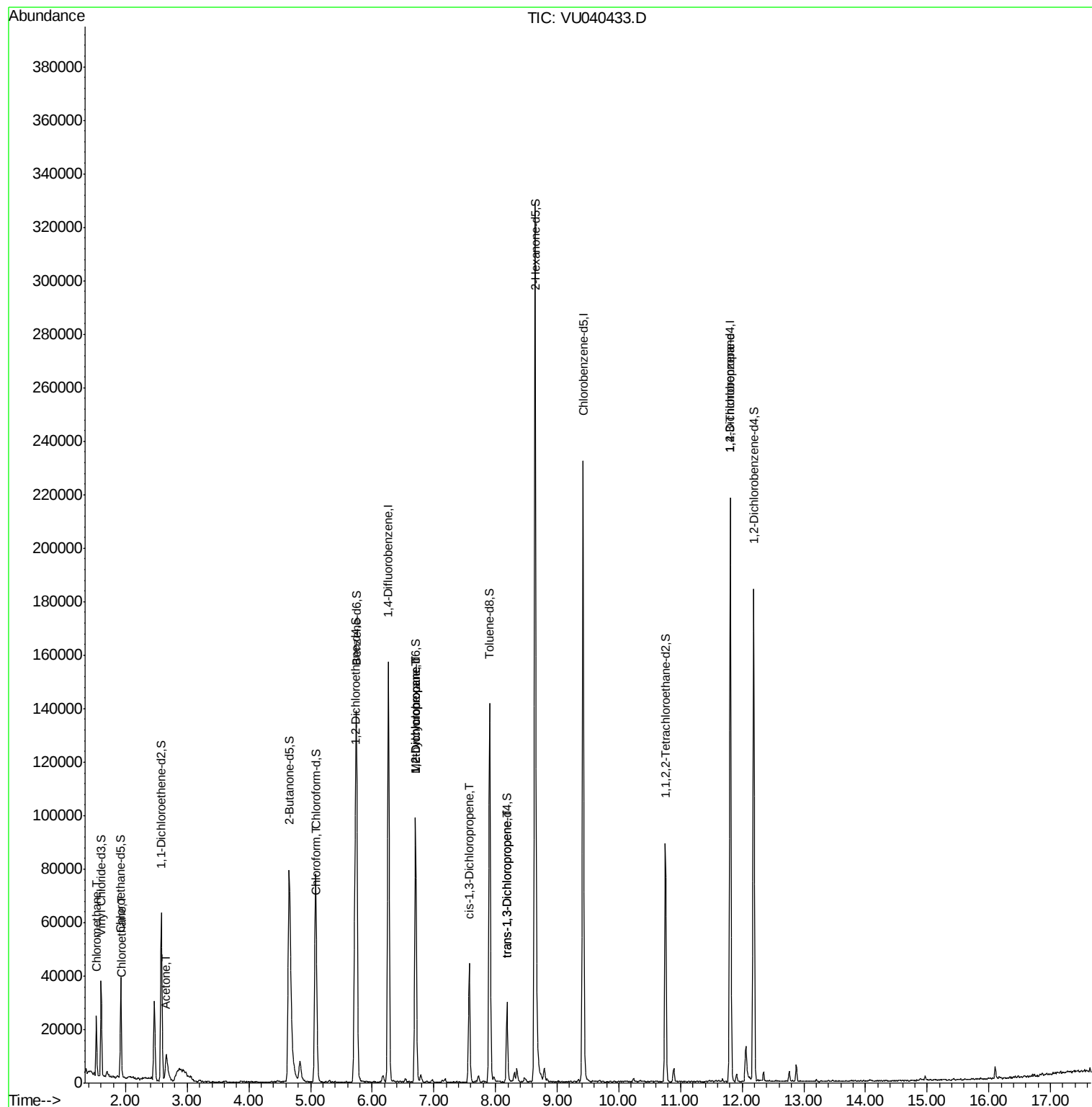
					Ovalue
3) Chloromethane	1.53	50	15008	1.297	ug/L 100
8) Chloroethane	1.94	64	599	0.089	ug/L # 44
13) Acetone	2.66	43	19903	8.257	ug/L 87
25) Chloroform	5.11	83	3615	0.186	ug/L 96
35) Methylcyclohexane	6.70	83	10231	0.654	ug/L # 15
37) 1,2-Dichloropropane	6.71	63	5076	0.454	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1160	0.077	ug/L # 66
44) trans-1,3-Dichloropropene	8.19	75	882	0.064	ug/L 86
59) 1,2,3-Trichloropropane	11.81	75	7642	0.943	ug/L 90

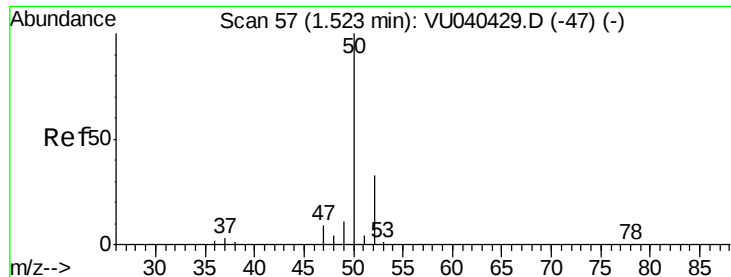
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.297 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040433.D

Acq: 01 Oct 2020 20:41

Instrument :

MSVOA_U

ClientSampleId :

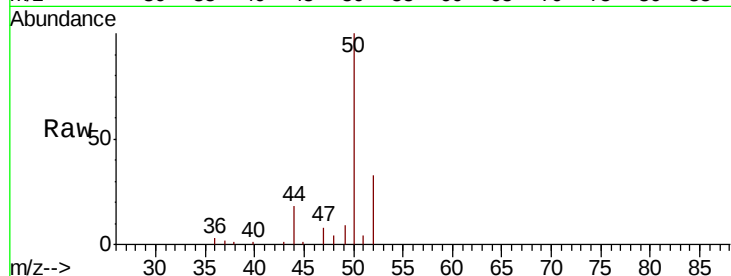
BFZR0

Tot Ion: 50 Resp: 15008

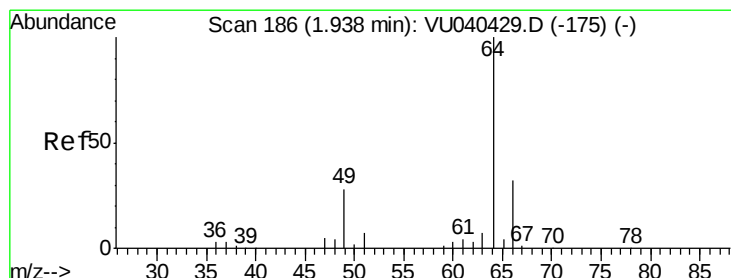
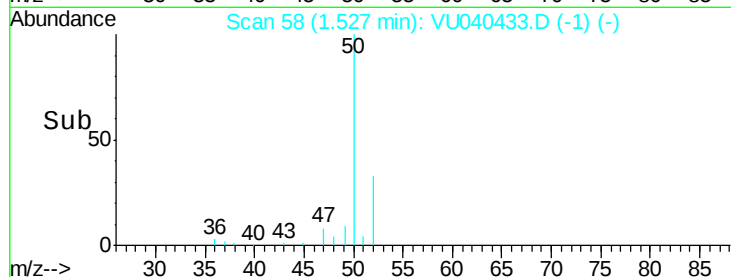
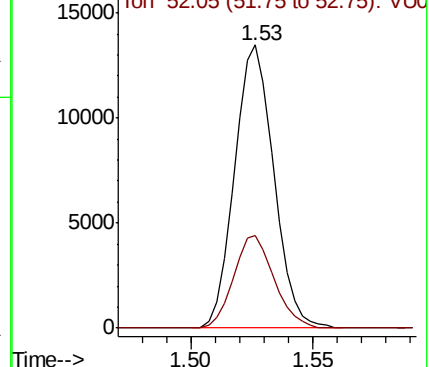
Ion Ratio Lower Upper

50 100

52 32.7 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU040429.D (-47) (-)



#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040433.D

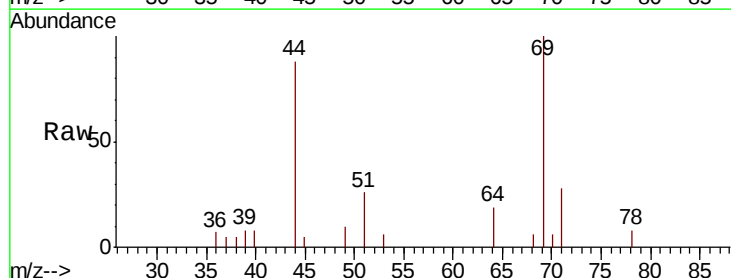
Acq: 01 Oct 2020 20:41

Tgt Ion: 64 Resp: 599

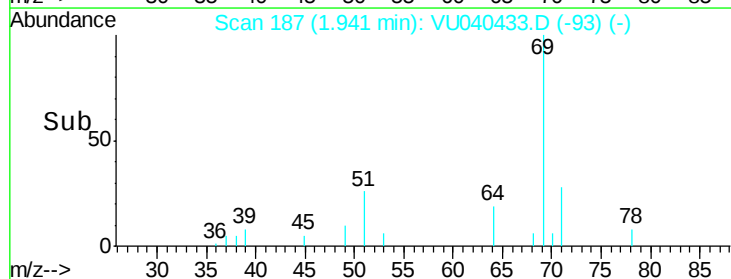
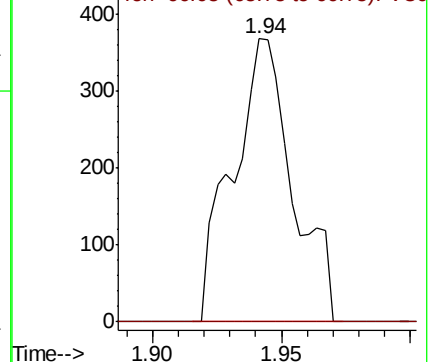
Ion Ratio Lower Upper

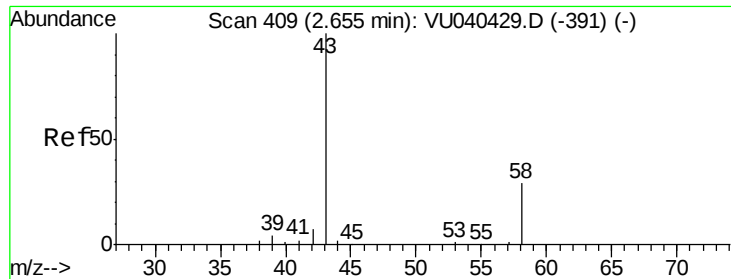
64 100

66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU040429.D (-175) (-)





#13

Acetone

Concen: 8.257 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040433.D

Acq: 01 Oct 2020 20:41

Instrument :

MSVOA_U

ClientSampleId :

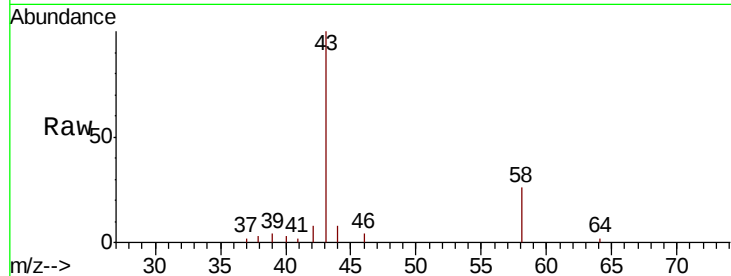
BFZR0

Tot Ion: 43 Resp: 19903

Ion Ratio Lower Upper

43 100

58 23.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040433.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU040433.D (-316) (-)

2.66

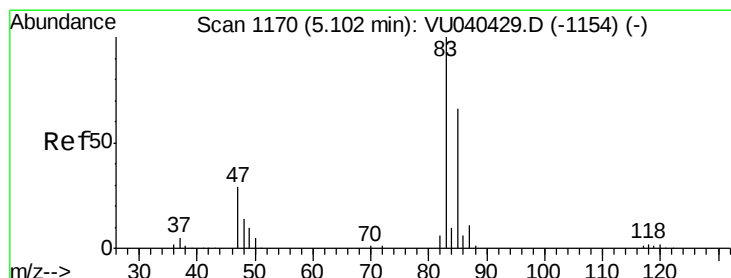
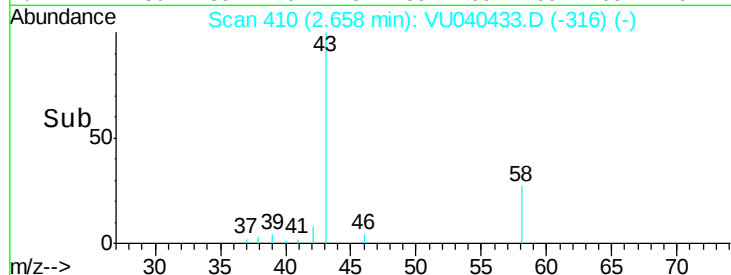
6000

4000

2000

0

Time-->



#25

Chloroform

Concen: 0.186 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040433.D

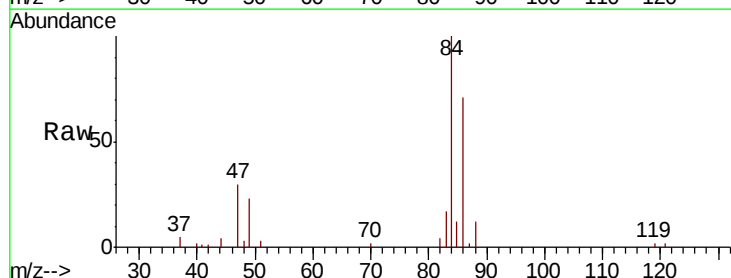
Acq: 01 Oct 2020 20:41

Tgt Ion: 83 Resp: 3615

Ion Ratio Lower Upper

83 100

85 67.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040433.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040433.D (-1077) (-)

5.11

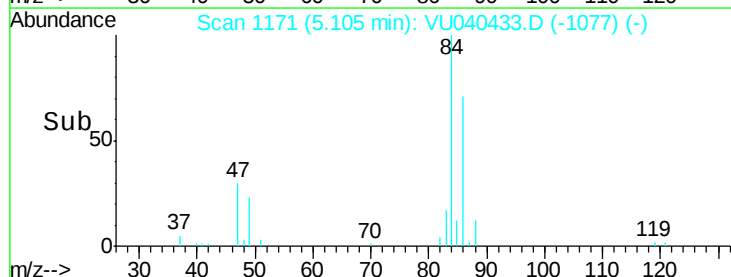
1500

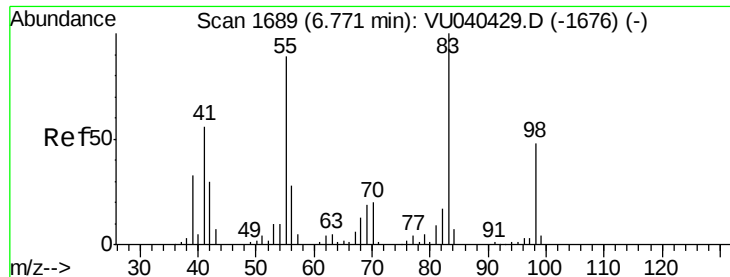
1000

500

0

Time-->

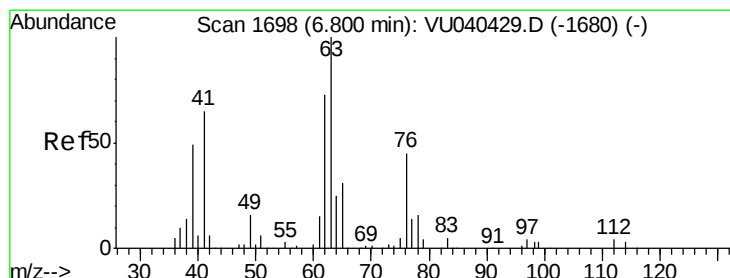
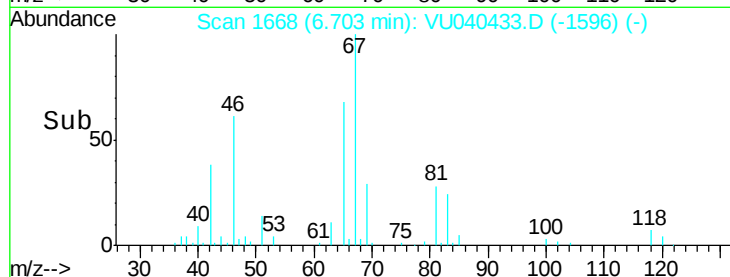
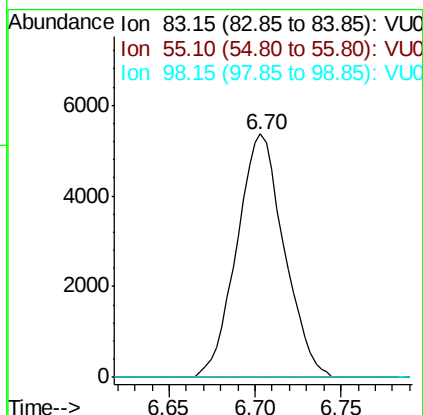
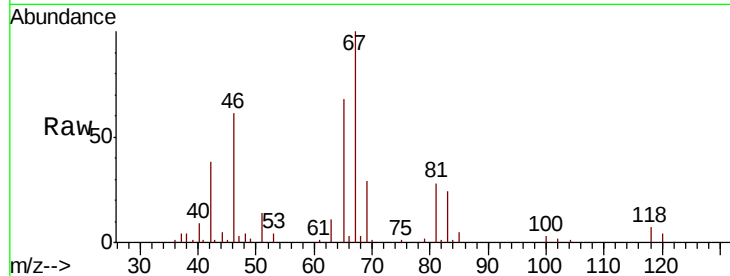




#35
Methvlcvclohexane
Concen: 0.654 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040433.D
Acq: 01 Oct 2020 20:41

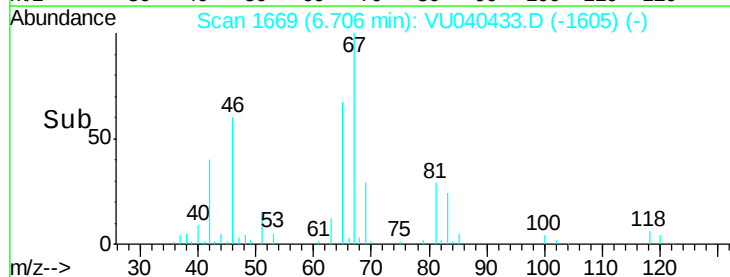
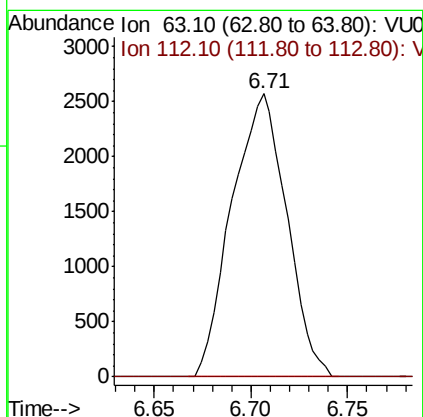
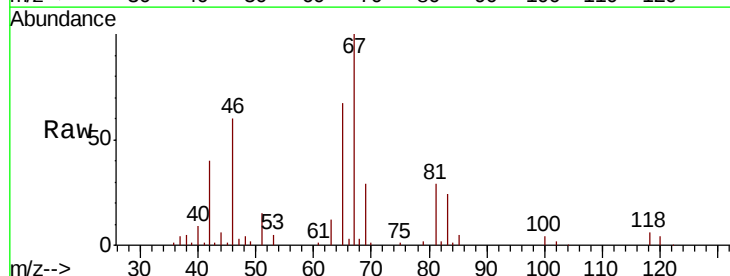
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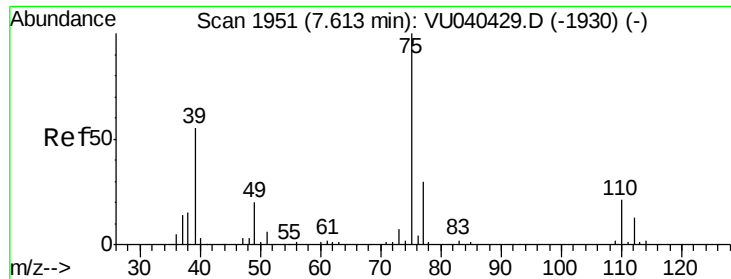
Tot Ion: 83 Resp: 10231
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 2.8 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040433.D
Acq: 01 Oct 2020 20:41

Tgt Ion: 63 Resp: 5076
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

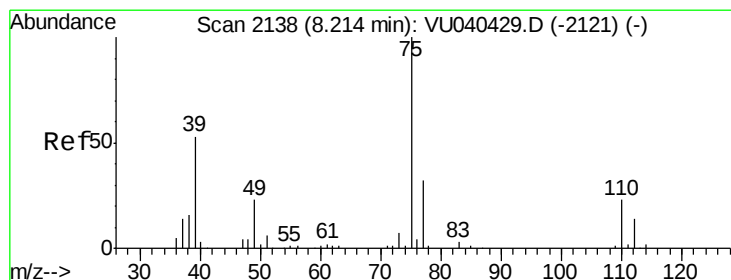
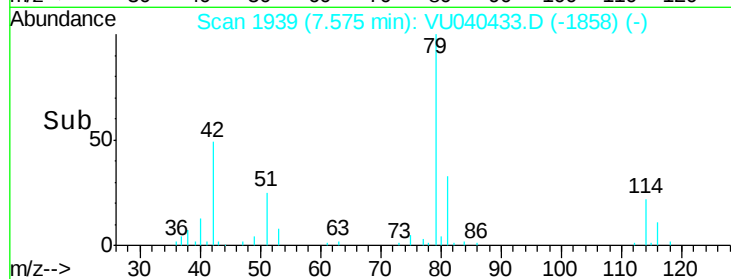
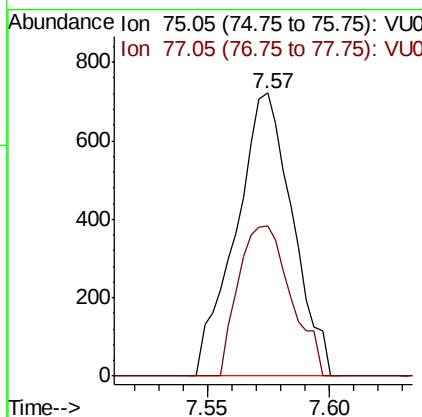
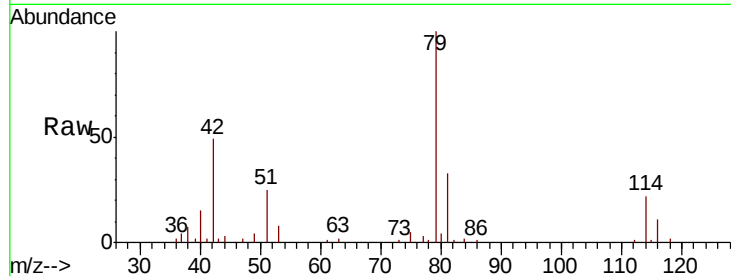




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040433.D
 Acq: 01 Oct 2020 20:41

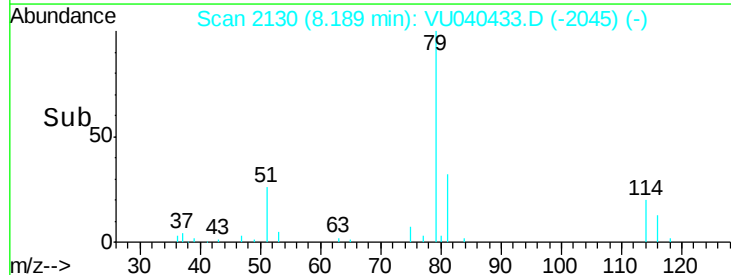
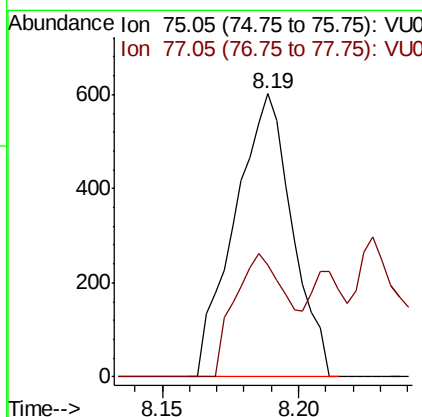
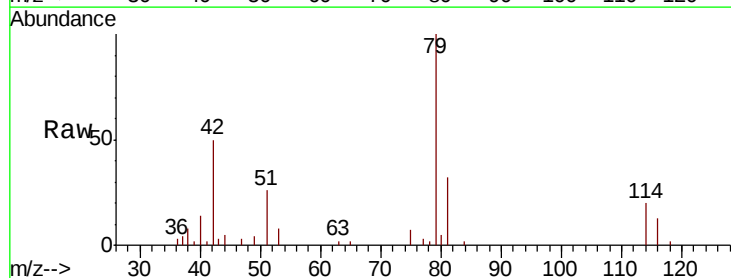
Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR0

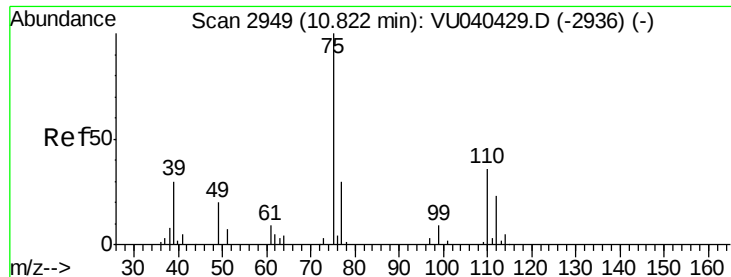
Tot Ion: 75 Resp: 1160
 Ion Ratio Lower Upper
 75 100
 77 53.0 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.064 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040433.D
 Acq: 01 Oct 2020 20:41

Tgt Ion: 75 Resp: 882
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 0.943 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040433.D

Acq: 01 Oct 2020 20:41

Instrument :

MSVOA_U

ClientSampleId :

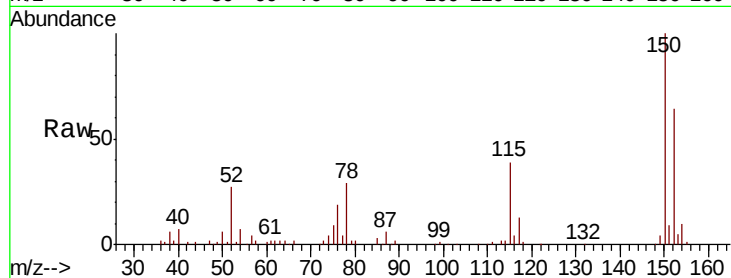
BFZR0

Tot Ion: 75 Resp: 7642

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

