

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041939.D
 Acq On : 11 Jan 2021 23:00
 Operator : SY/MD
 Sample : M1026-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ4

Quant Time: Jan 12 05:51:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 05:50:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105787	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105440	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44736	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.92	69	42072	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	63519	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.65	46	162848	65.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.44%#
24) Chloroform-d	5.08	84	86915	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.72	65	49299	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.74	84	158894	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	50757	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.90	98	129172	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.19	79	20280	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	114679	55.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45043	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	48552	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

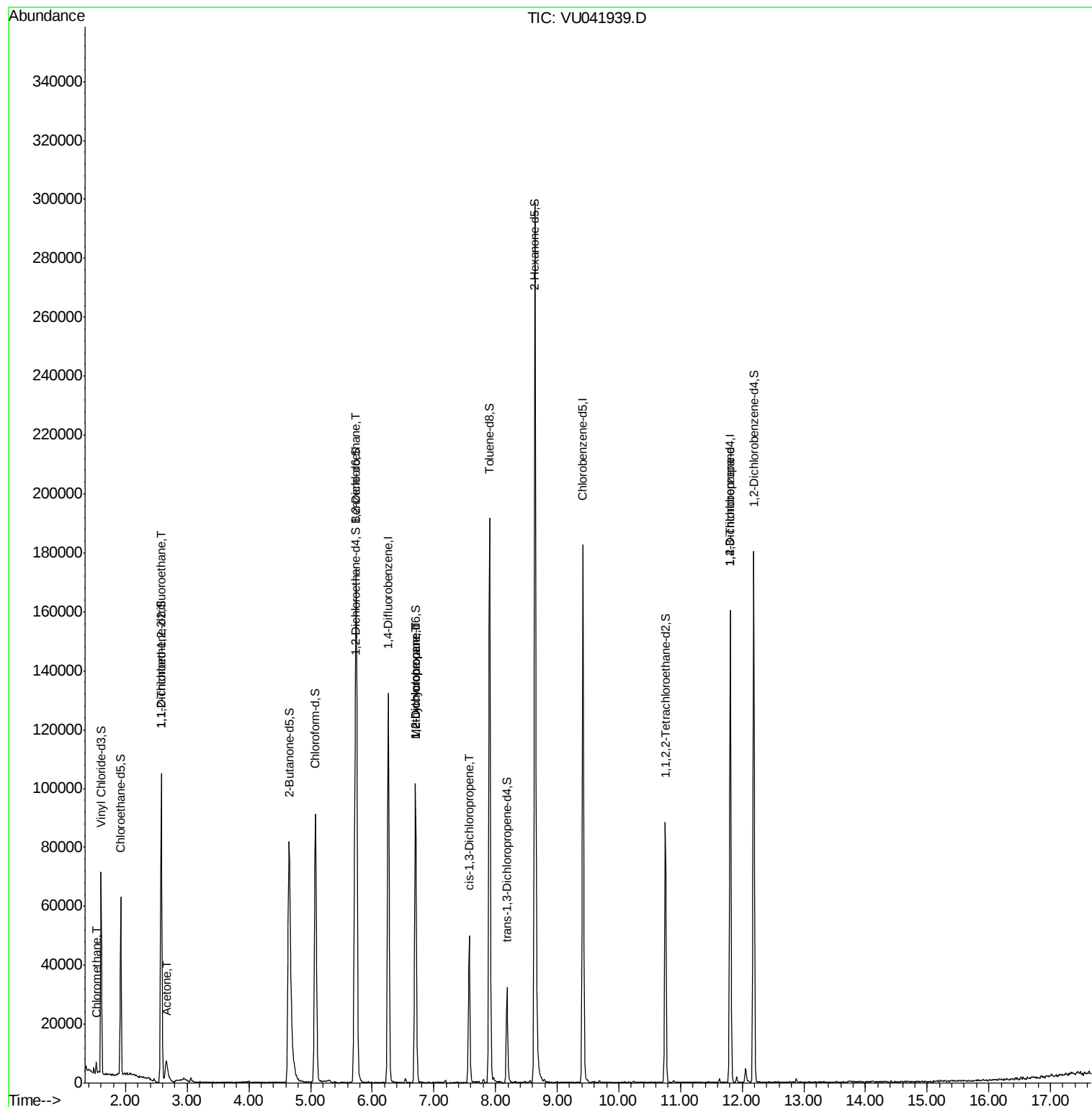
					Ovalue
3) Chloromethane	1.52	50	2503	0.225 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	451	0.053 ug/L #	20
13) Acetone	2.66	43	15857	9.854 ug/L #	51
27) 1,2-Dichloroethane	5.74	62	972	0.097 ug/L #	73
35) Methylcyclohexane	6.70	83	11939	0.911 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5320	0.628 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1034	0.083 ug/L #	54
59) 1,2,3-Trichloropropane	11.81	75	4864	0.786 ug/L	98

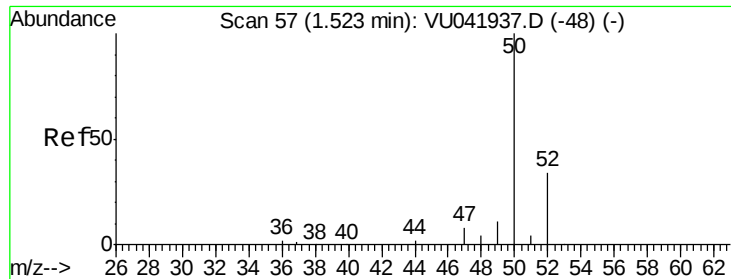
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.225 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041939.D

Acq: 11 Jan 2021 23:00

Instrument :

MSVOA_U

ClientSampleId :

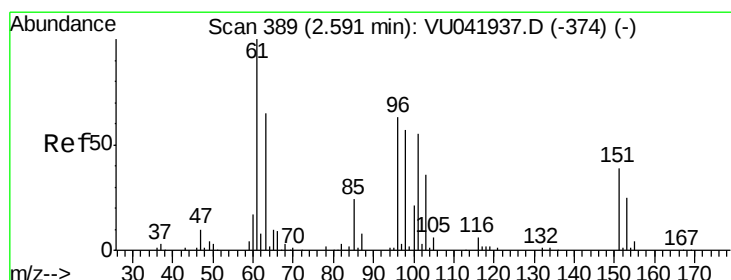
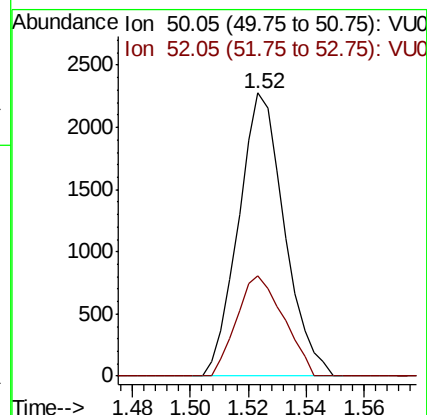
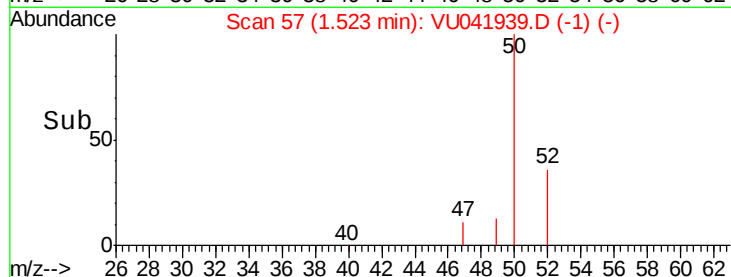
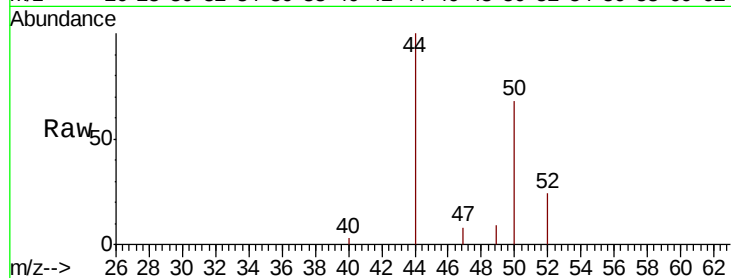
BFXQ4

Tot Ion: 50 Resp: 2503

Ion Ratio Lower Upper

50 100

52 35.6 21.4 39.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.053 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041939.D

Acq: 11 Jan 2021 23:00

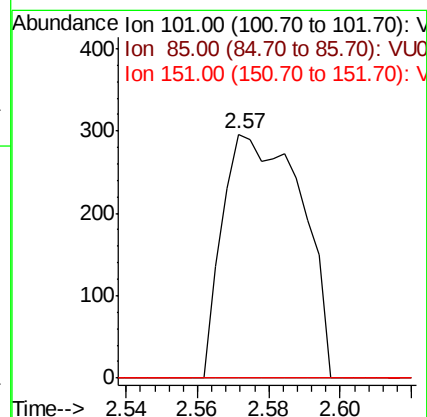
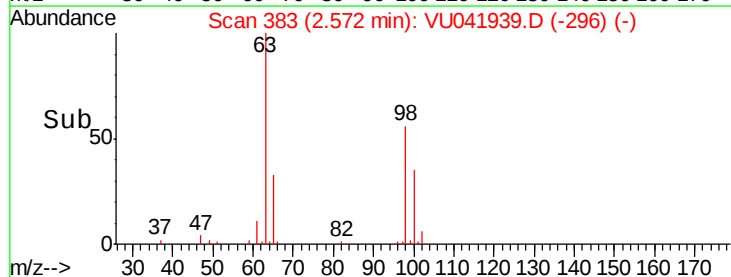
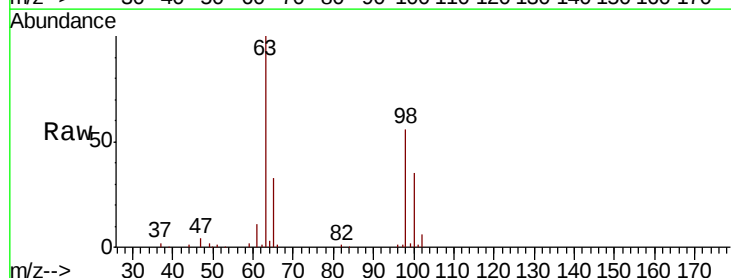
Tgt Ion: 101 Resp: 451

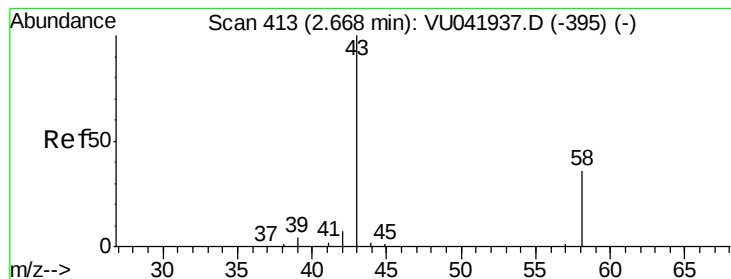
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 58.2 87.2#





#13

Acetone

Concen: 9.854 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041939.D

Acq: 11 Jan 2021 23:00

Instrument :

MSVOA_U

ClientSampleId :

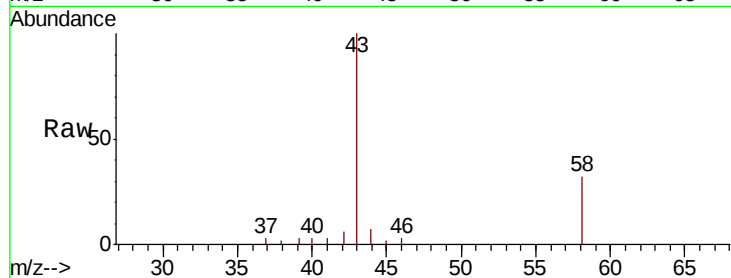
BFXQ4

Tot Ion: 43 Resp: 15857

Ion Ratio Lower Upper

43 100

58 30.7 0.0 23.6#



Abundance Ion 43.05 (42.75 to 43.75): VU041937.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041937.D (-395) (-)

2.66

5000

4000

3000

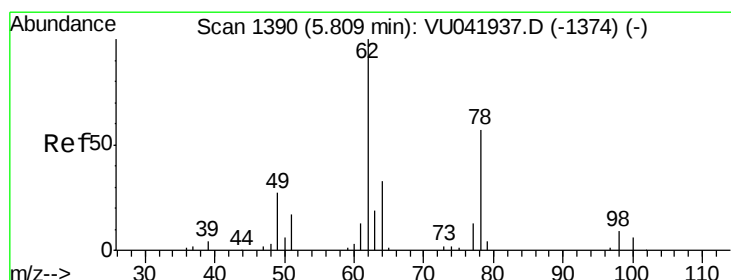
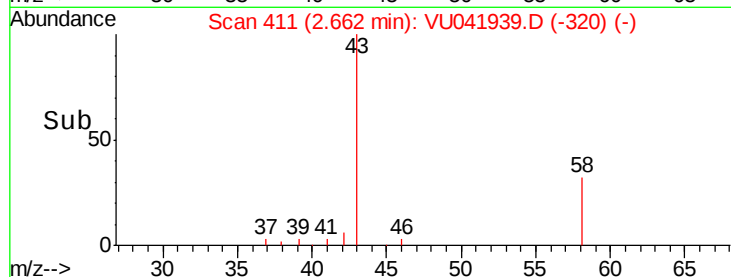
2000

1000

0

2.60 2.70 2.80

Time-->



#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU041939.D

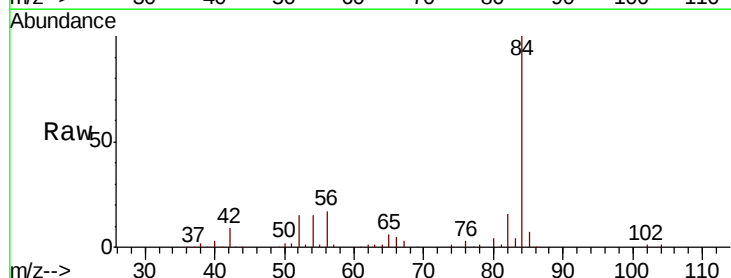
Acq: 11 Jan 2021 23:00

Tgt Ion: 62 Resp: 972

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU041939.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU041939.D (-1297) (-)

5.74

600

500

400

300

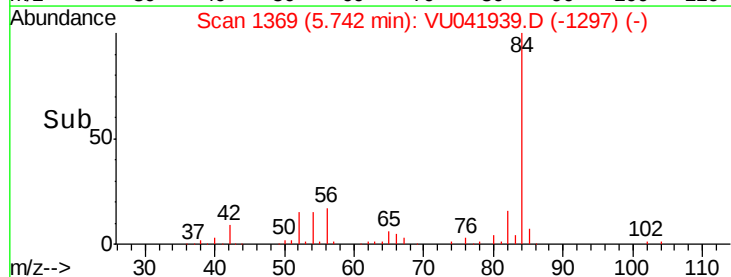
200

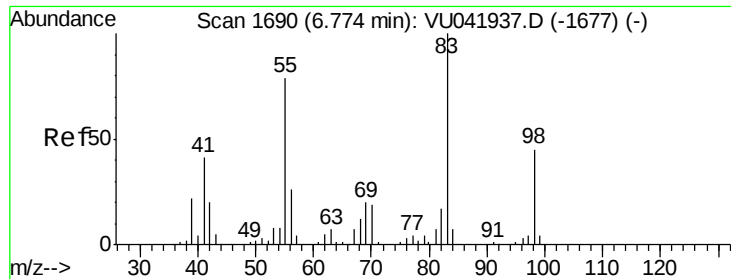
100

0

5.70 5.75

Time-->

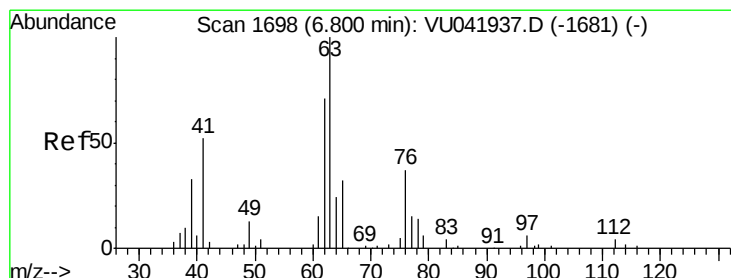
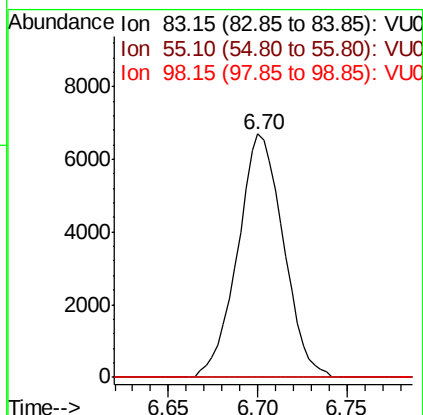
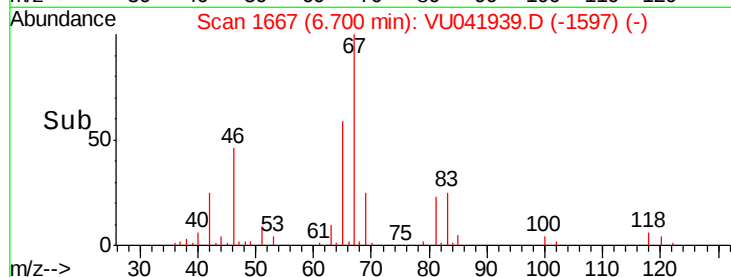
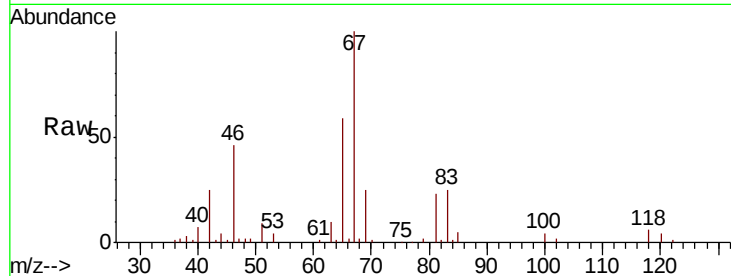




#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041939.D
Acq: 11 Jan 2021 23:00

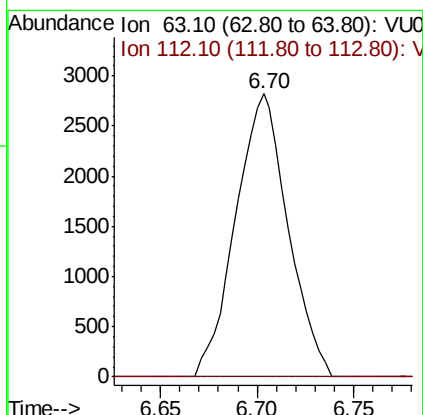
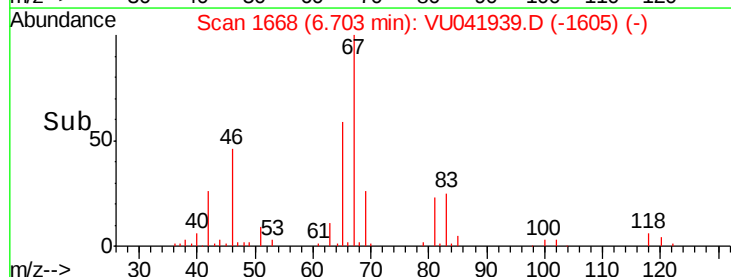
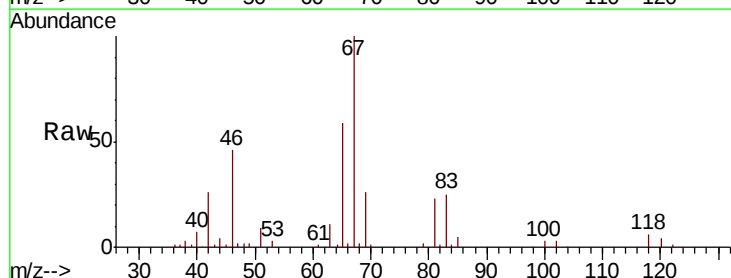
Instrument :
MSVOA_U
ClientSampleId :
BFXQ4

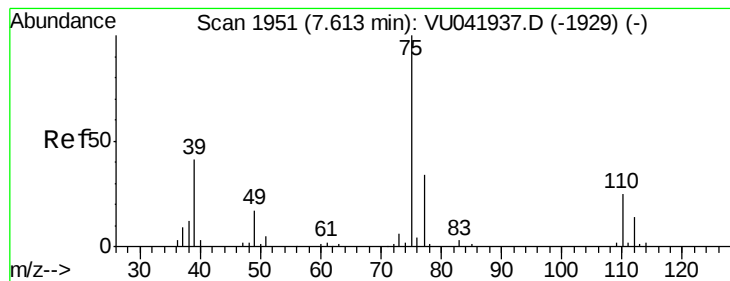
Tot Ion: 83 Resp: 11939
Ion Ratio Lower Upper
83 100
55 0.0 64.3 96.5#
98 1.7 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041939.D
Acq: 11 Jan 2021 23:00

Tgt Ion: 63 Resp: 5320
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



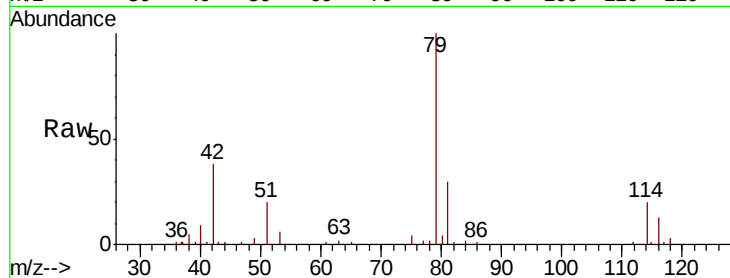


#39

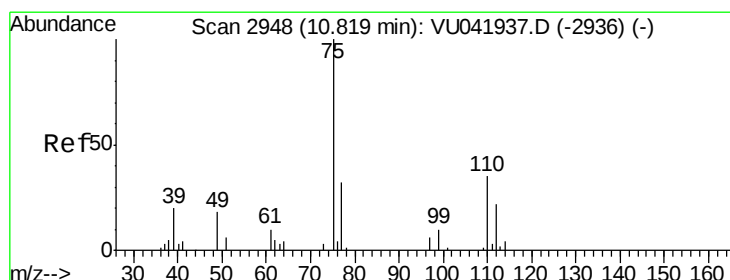
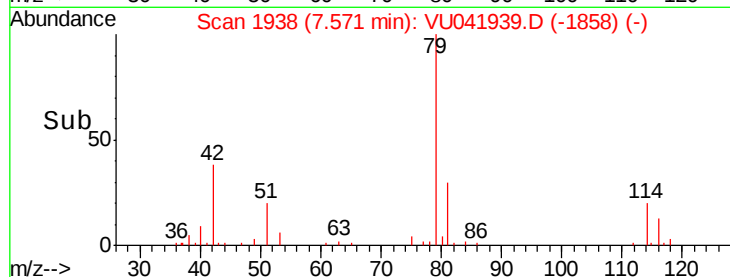
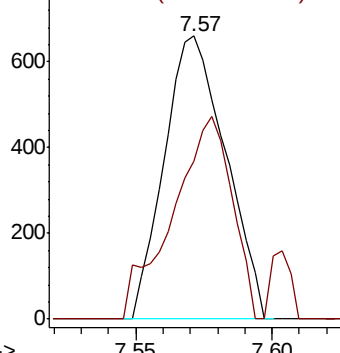
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041939.D
Acq: 11 Jan 2021 23:00

Instrument :
MSVOA_U
ClientSampleId :
BFXQ4

Tot Ion: 75 Resp: 1034
Ion Ratio Lower Upper
75 100
77 55.8 21.5 39.9#



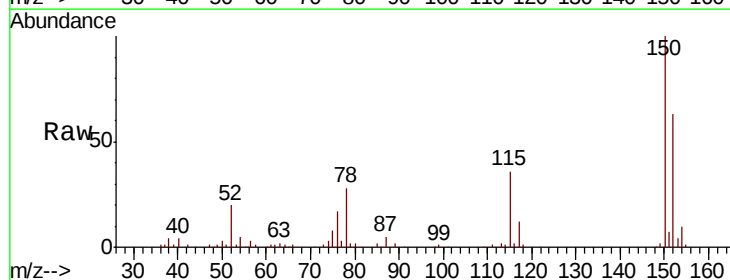
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane
Concen: 0.786 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041939.D
Acq: 11 Jan 2021 23:00

Tgt Ion: 75 Resp: 4864
Ion Ratio Lower Upper
75 100
77 32.7 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

