

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041940.D
 Acq On : 11 Jan 2021 23:24
 Operator : SY/MD
 Sample : M1027-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ3

Quant Time: Jan 12 05:51:16 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	107605	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45148	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	43194	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	62112	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.65	46	139521	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	5.08	84	82409	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	47366	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.74	84	157478	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	51096	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.90	98	130749	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.18	79	19721	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	117966	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46172	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47979	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

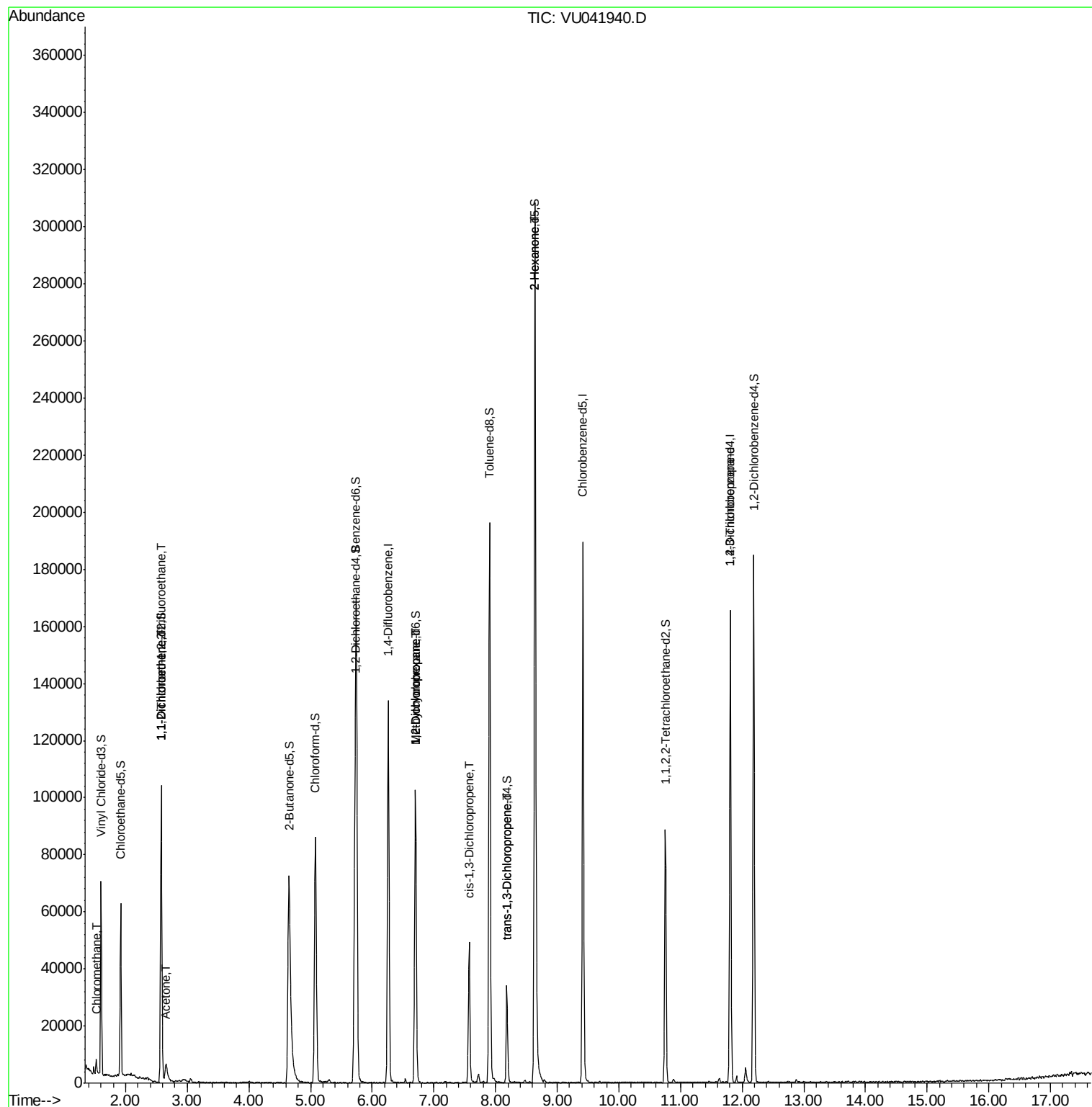
					Ovalue
3) Chloromethane	1.52	50	2895	0.256 ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	505	0.059 ug/L #	20
12) 1,1-Dichloroethene	2.58	96	489	0.058 ug/L #	1
13) Acetone	2.66	43	11907	7.274 ug/L #	57
35) Methylcyclohexane	6.70	83	12238	0.925 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	5242	0.613 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1007	0.080 ug/L #	62
44) trans-1,3-Dichloropropene	8.19	75	917	0.082 ug/L #	61
48) 2-Hexanone	8.64	43	14378	3.594 ug/L #	64
59) 1,2,3-Trichloropropane	11.80	75	5092	0.815 ug/L	99

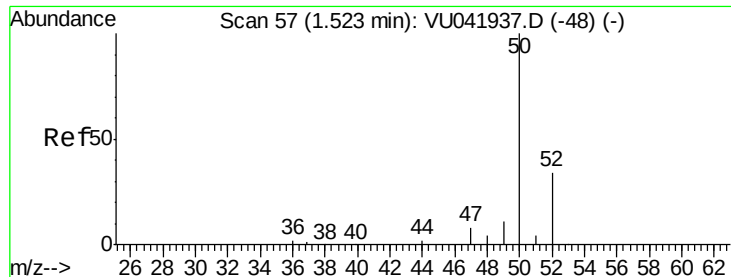
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.256 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041940.D

Acq: 11 Jan 2021 23:24

Instrument :

MSVOA_U

ClientSampleId :

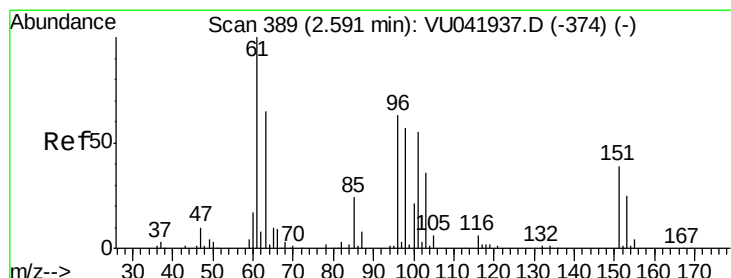
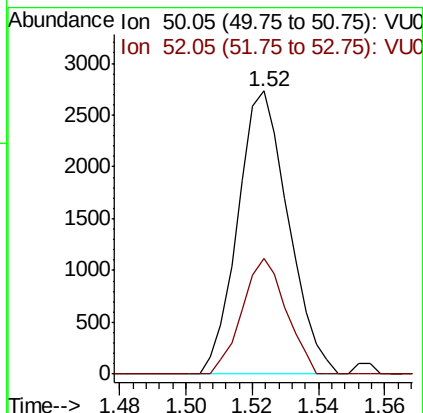
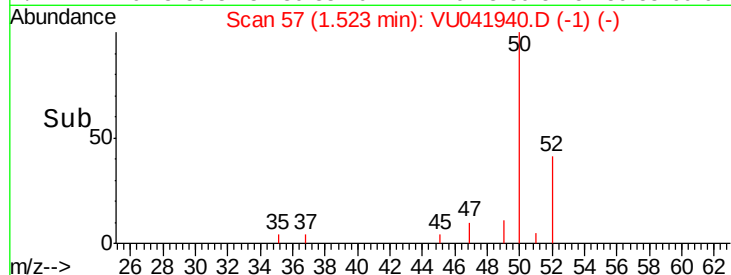
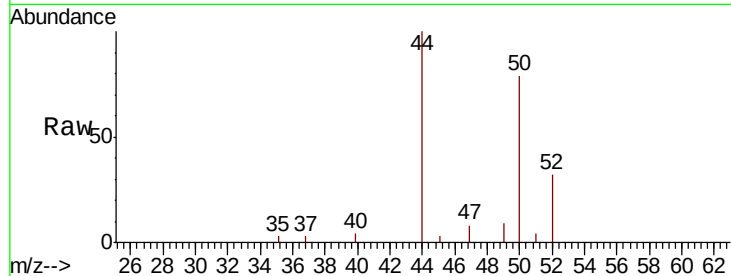
BFXQ3

Tot Ion: 50 Resp: 2895

Ion Ratio Lower Upper

50 100

52 41.0 21.4 39.8#



#10

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

Concen: 0.059 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041940.D

Acq: 11 Jan 2021 23:24

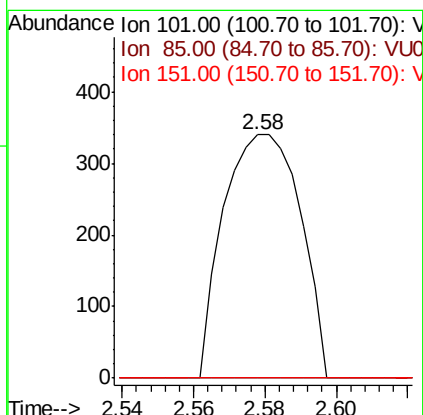
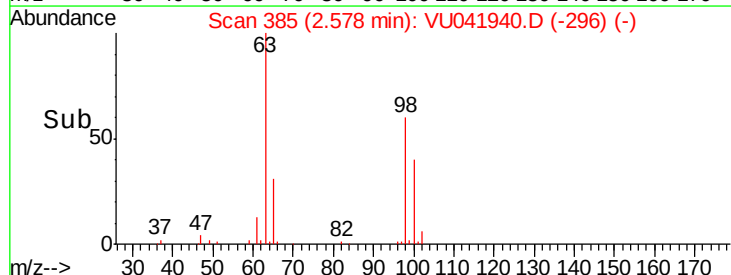
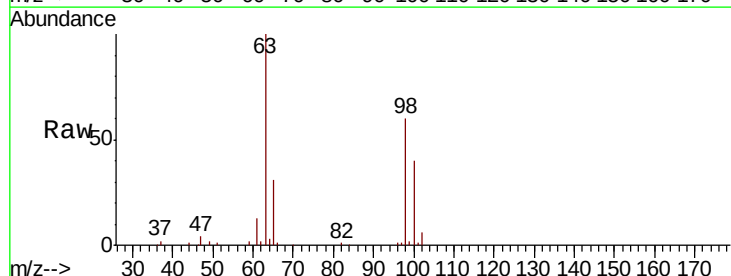
Tgt Ion: 101 Resp: 505

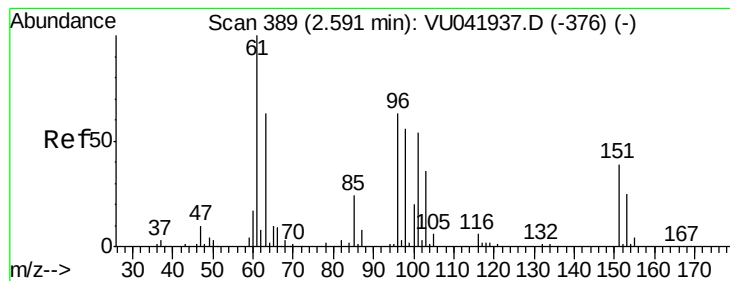
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 58.2 87.2#





#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041940.D

Acq: 11 Jan 2021 23:24

Instrument :

MSVOA_U

ClientSampleId :

BFXQ3

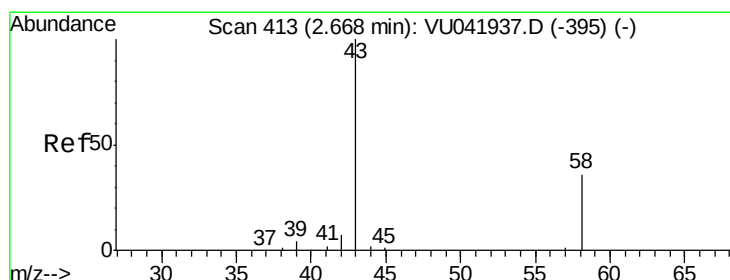
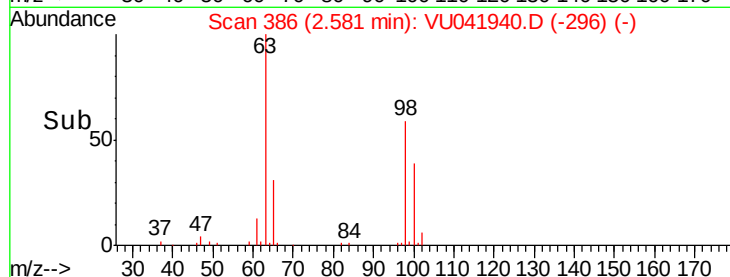
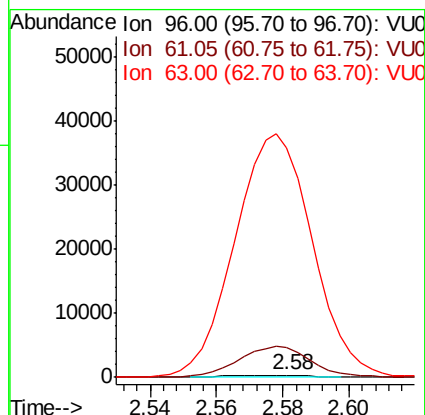
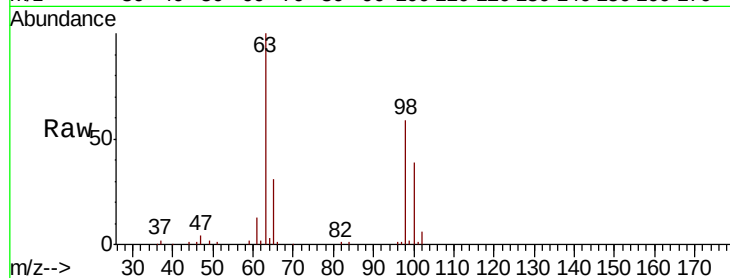
Tot Ion: 96 Resp: 489

Ion Ratio Lower Upper

96 100

61 1594.5 123.5 229.4#

63 12434.6 93.5 173.7#



#13

Acetone

Concen: 7.274 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041940.D

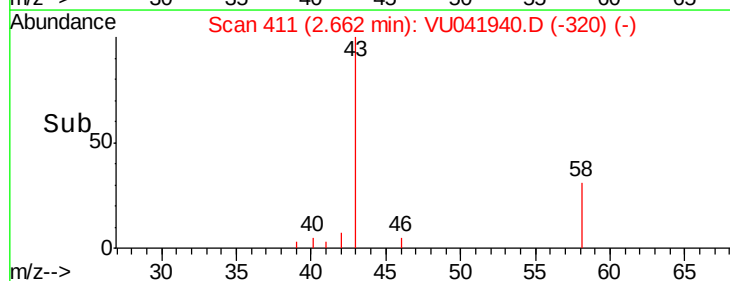
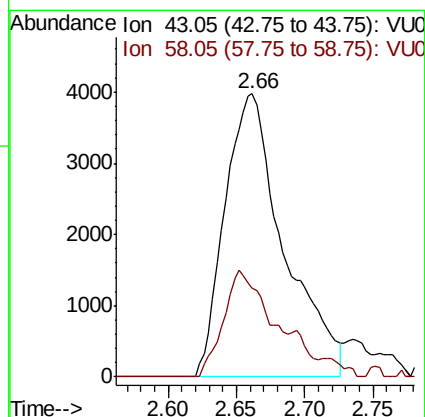
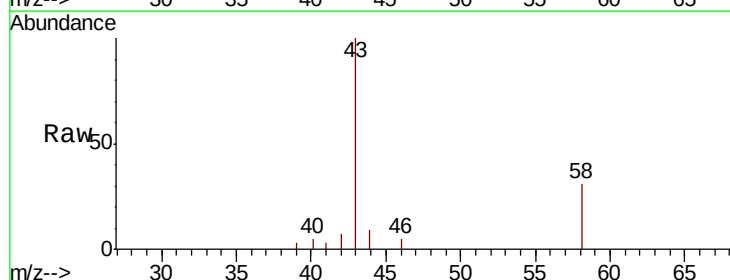
Acq: 11 Jan 2021 23:24

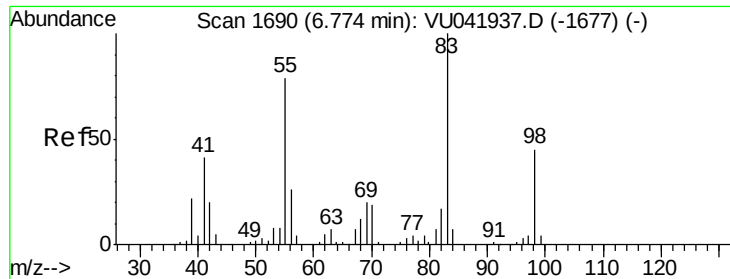
Tgt Ion: 43 Resp: 11907

Ion Ratio Lower Upper

43 100

58 28.5 0.0 23.6#

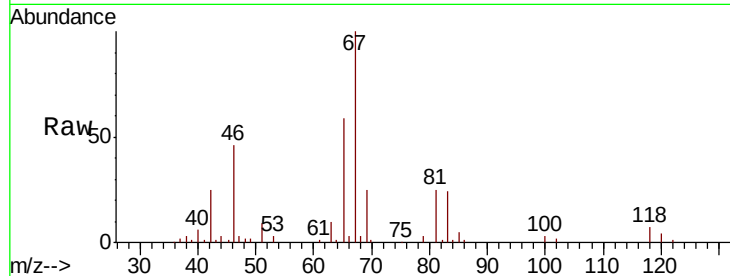




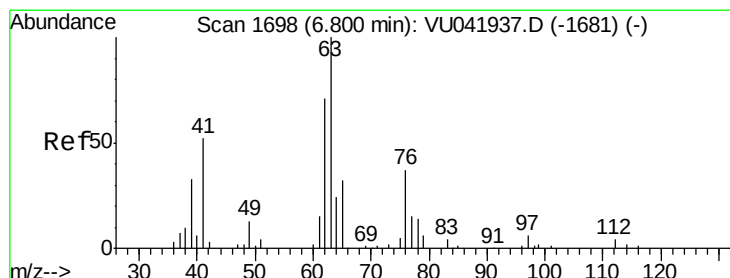
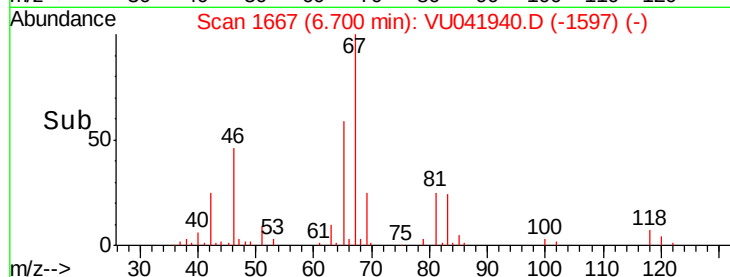
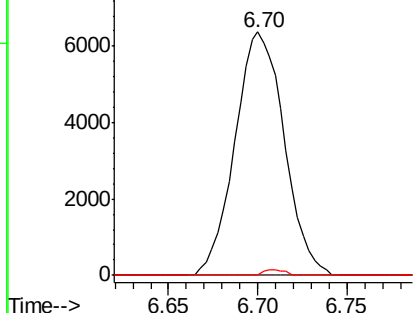
#35
Methylvlcyclohexane
Concen: 0.925 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041940.D
Acq: 11 Jan 2021 23:24

Instrument :
MSVOA_U
ClientSampleId :
BFXQ3

Tot Ion	83	Resp	12238
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.3	96.5#
98	1.0	36.6	54.8#

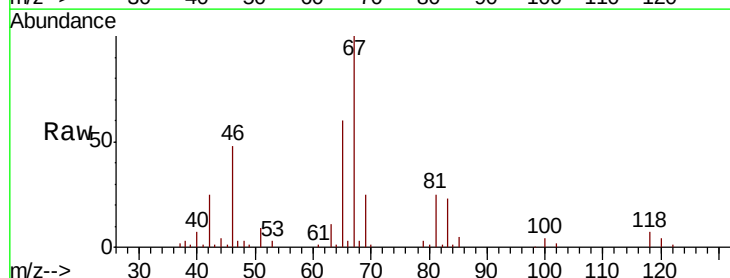


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

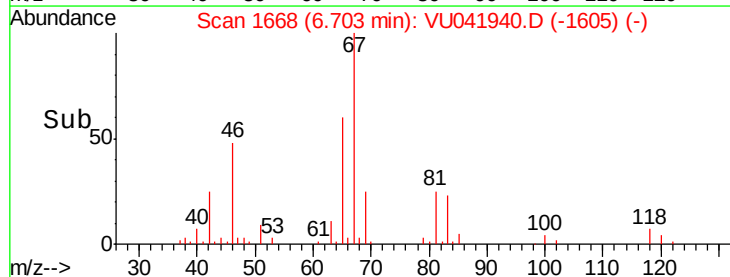
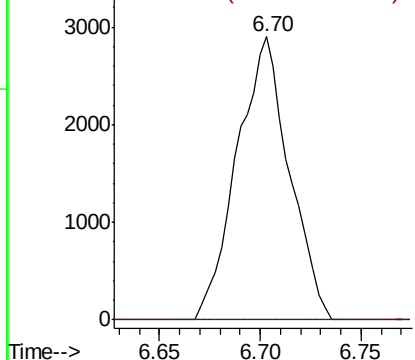


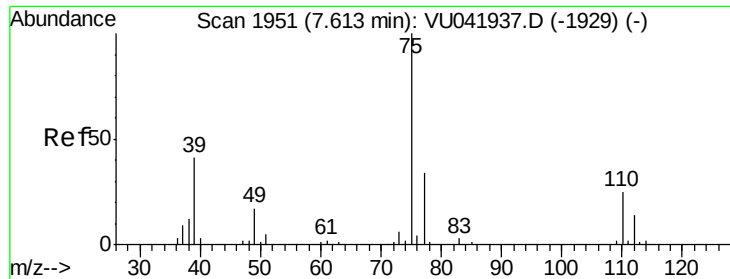
#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041940.D
Acq: 11 Jan 2021 23:24

Tgt Ion	63	Resp	5242
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



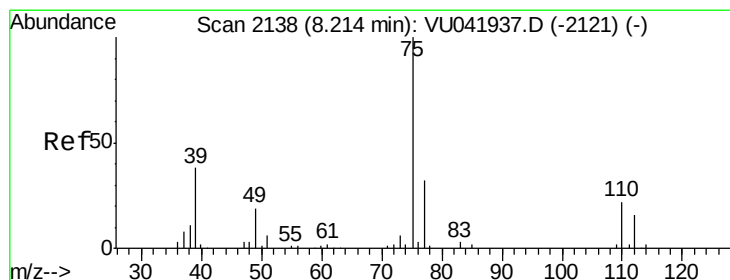
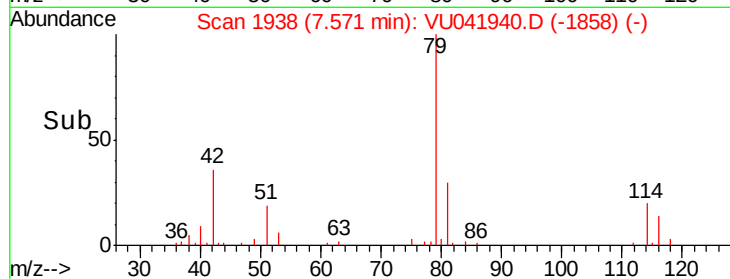
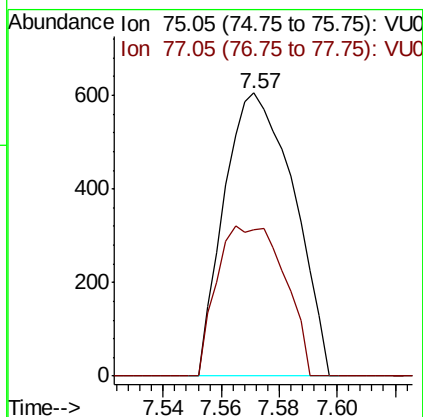
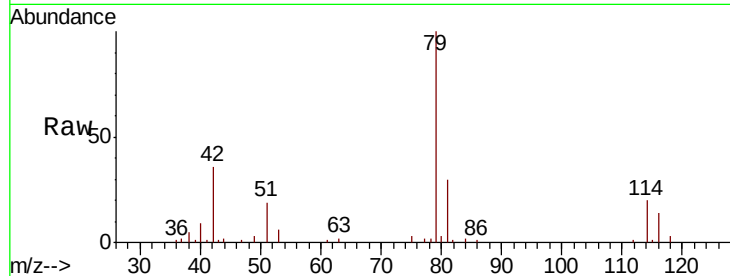


#39

cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041940.D
Acq: 11 Jan 2021 23:24

Instrument :
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BFXQ3

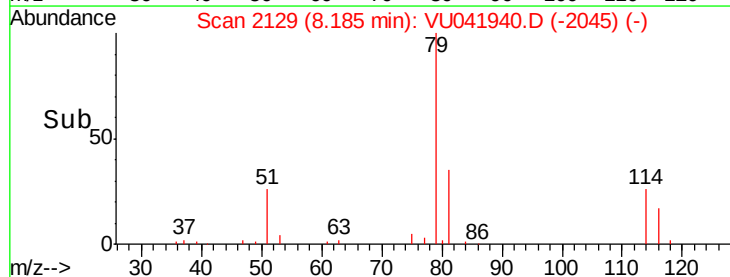
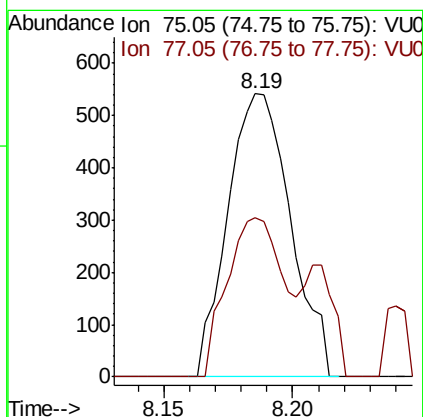
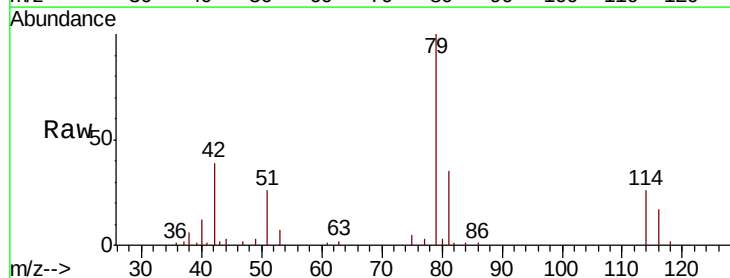
Tot Ion: 75 Resp: 1007
Ion Ratio Lower Upper
75 100
77 51.7 21.5 39.9#

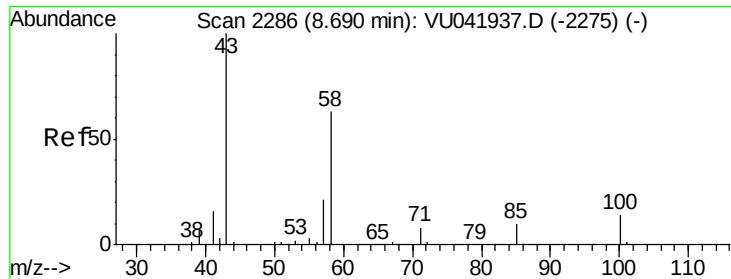


#44

trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041940.D
Acq: 11 Jan 2021 23:24

Tgt Ion: 75 Resp: 917
Ion Ratio Lower Upper
75 100
77 56.1 23.7 44.1#

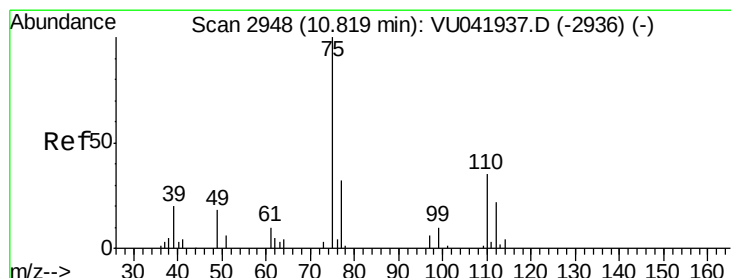
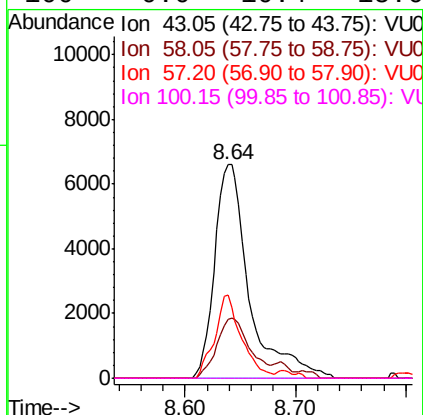
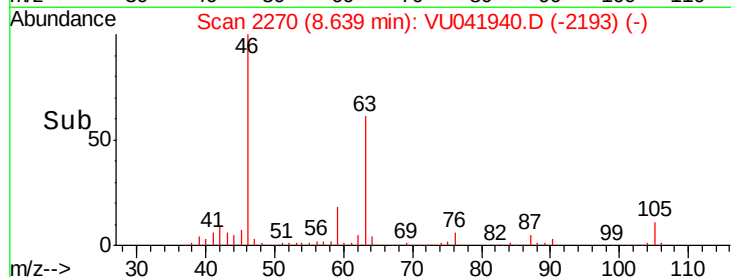
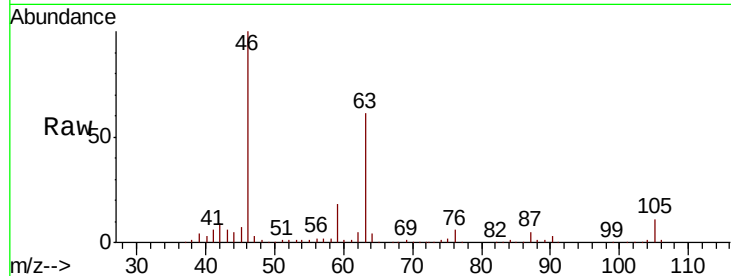




#48
 2-Hexanone
 Concen: 3.594 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU041940.D
 Acq: 11 Jan 2021 23:24

Instrument :
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 ClientSampleId :
 BFXQ3

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.9	47.6	71.4#
57	30.0	17.1	25.7#
100	0.0	10.4	15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.815 ug/L
 RT: 11.80 min Scan# 3254
 Delta R.T. 0.98 min
 Lab File: VU041940.D
 Acq: 11 Jan 2021 23:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.4	27.0	40.4

