

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041922.D
 Acq On : 11 Jan 2021 15:54
 Operator : SY/MD
 Sample : M1026-05DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK2DL

Quant Time: Jan 12 03:27:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 03:17:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113115	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47839	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.92	69	46531	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	70715	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	146636	55.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.68%
24) Chloroform-d	5.08	84	92772	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	54707	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.74	84	187269	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.70	67	52292	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	141114	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.19	79	20856	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	121421	55.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48564	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	51874	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1078	0.091 ug/L #	78
9) Trichlorofluoromethane	2.15	101	109061	6.541 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	2517	0.277 ug/L #	73
12) 1,1-Dichloroethene	2.58	96	600	0.068 ug/L #	1
16) Methylene chloride	3.06	84	2684	0.242 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	3813	0.180 ug/L #	85
19) 1,1-Dichloroethane	3.88	63	2113	0.131 ug/L	99
27) 1,2-Dichloroethane	5.74	62	1020	0.095 ug/L #	73
33) Benzene	5.74	78	1375	0.038 ug/L	100
34) Trichloroethene	6.55	95	1177	0.124 ug/L #	79
35) Methylcyclohexane	6.70	83	12289	0.883 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	5221	0.581 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1214	0.091 ug/L #	66
48) 2-Hexanone	8.64	43	12138	2.884 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	5969	0.909 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
Data File : VU041922.D
Acq On : 11 Jan 2021 15:54
Operator : SY/MD
Sample : M1026-05DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXK2DL

Quant Time: Jan 12 03:27:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration

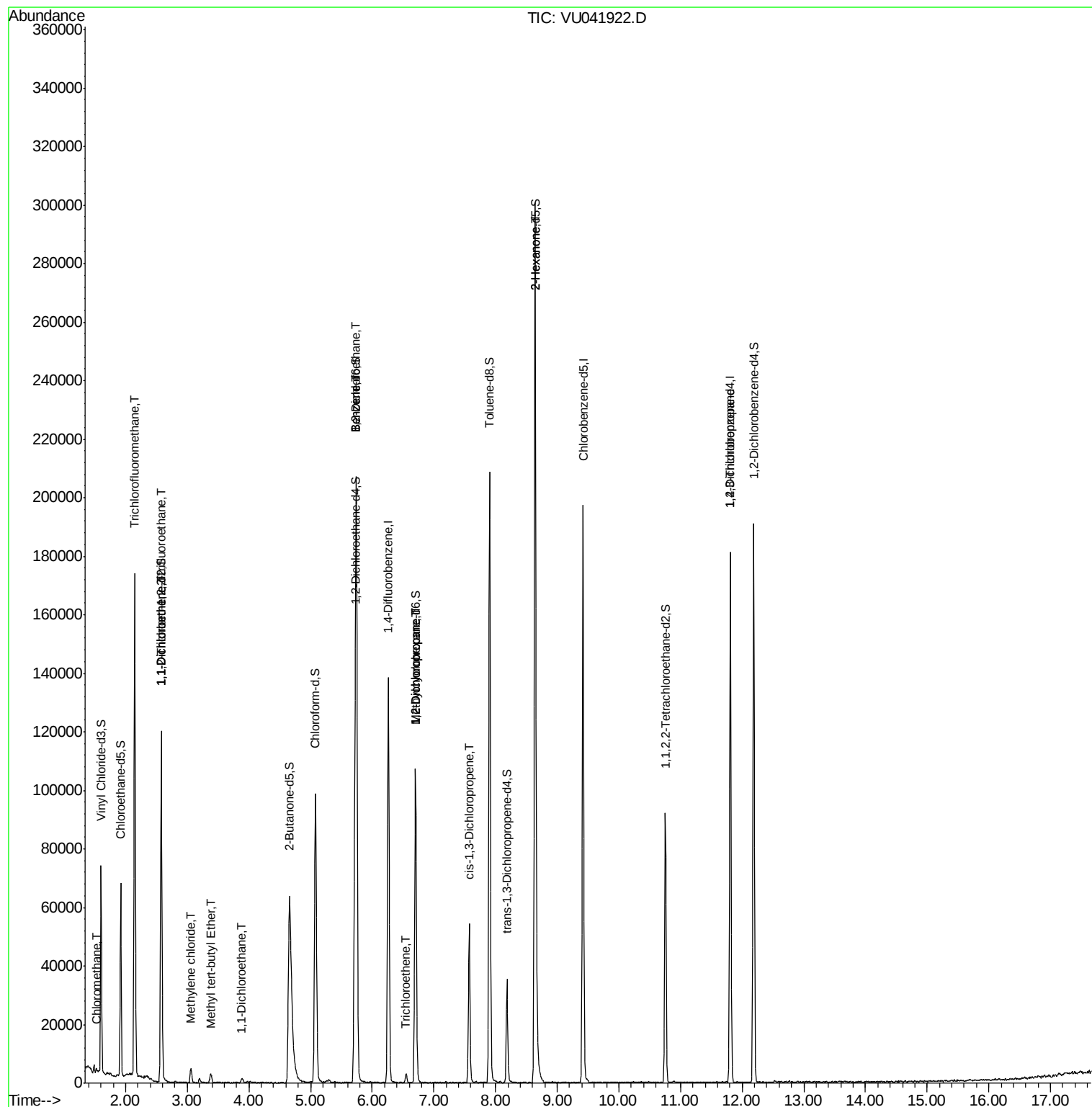
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

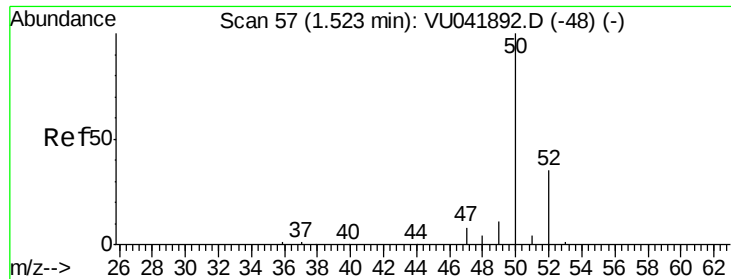
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
Data File : VU041922.D
Acq On : 11 Jan 2021 15:54
Operator : SY/MD
Sample : M1026-05DL 40X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXK2DL

Quant Time: Jan 12 03:27:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Instrument :

MSVOA_U

ClientSampleId :

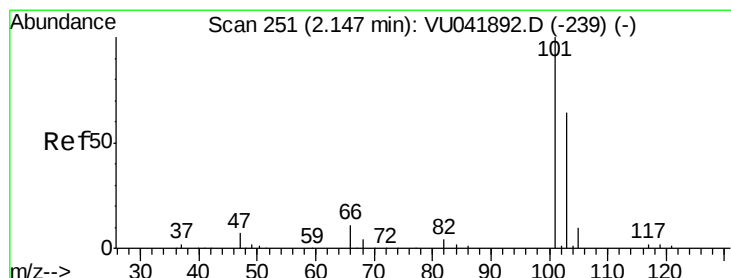
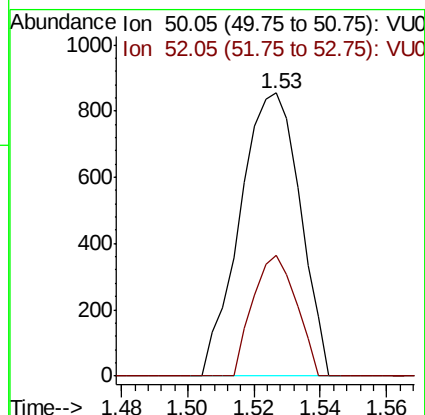
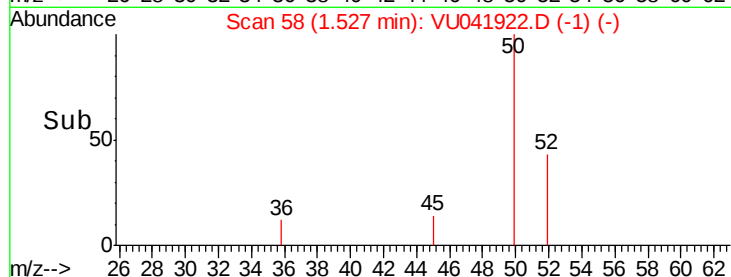
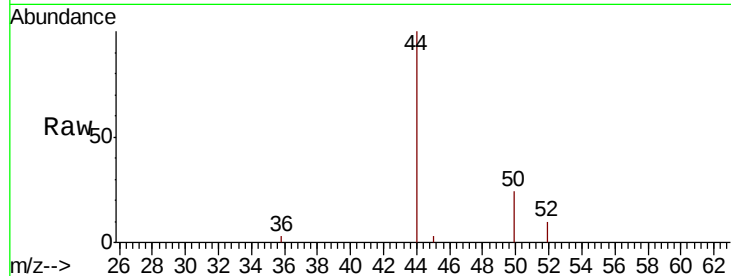
BFXK2DL

Tot Ion: 50 Resp: 1078

Ion Ratio Lower Upper

50 100

52 42.6 21.4 39.8#



#9

Trichlorofluoromethane

Concen: 6.541 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041922.D

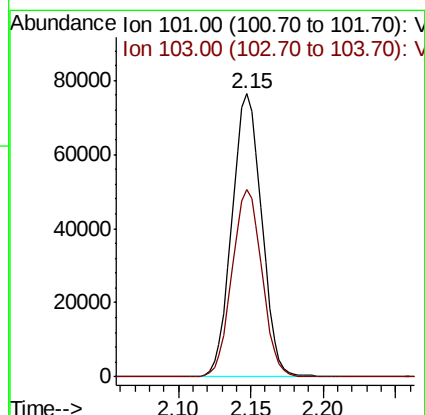
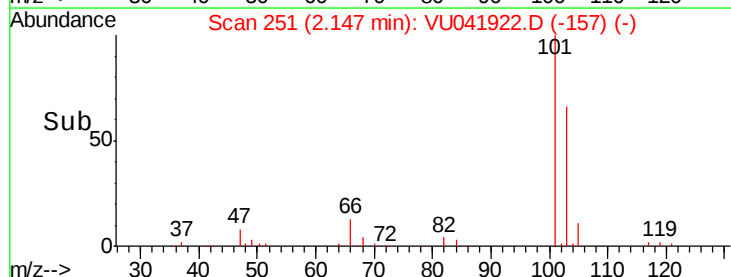
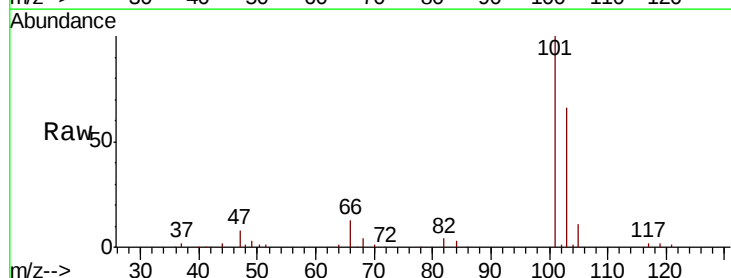
Acq: 11 Jan 2021 15:54

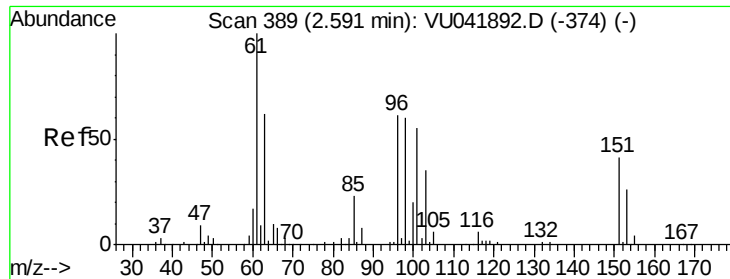
Tgt Ion: 101 Resp: 109061

Ion Ratio Lower Upper

101 100

103 66.2 51.3 76.9





#10

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

Concen: 0.277 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Instrument :

MSVOA_U

ClientSampleId :

BFXK2DL

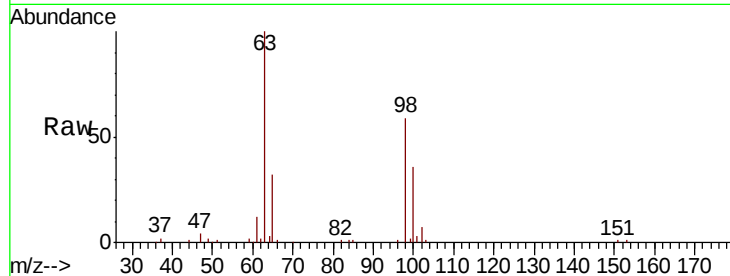
Tot Ion:101 Resp: 2517

Ion Ratio Lower Upper

101 100

85 28.6 35.1 52.7#

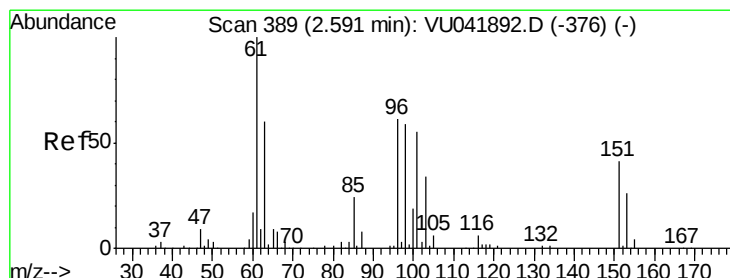
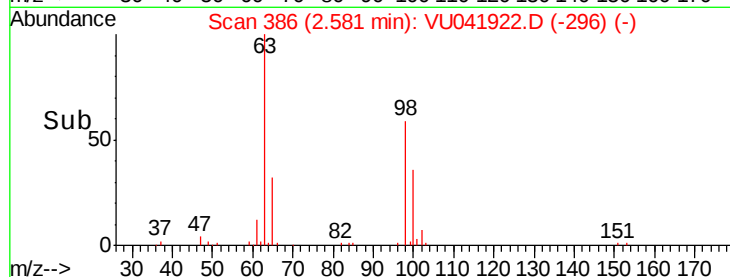
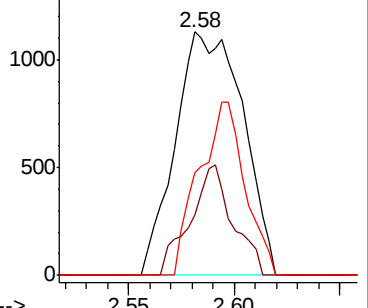
151 48.3 58.2 87.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

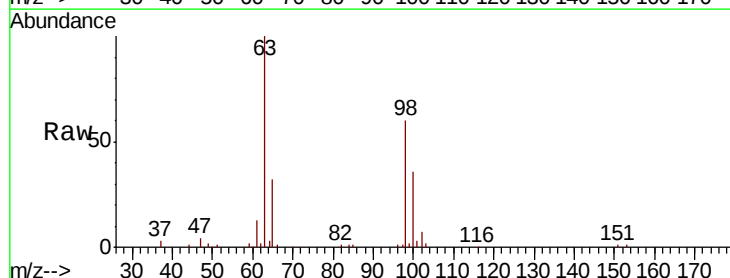
Tgt Ion: 96 Resp: 600

Ion Ratio Lower Upper

96 100

61 1034.0 123.5 229.4#

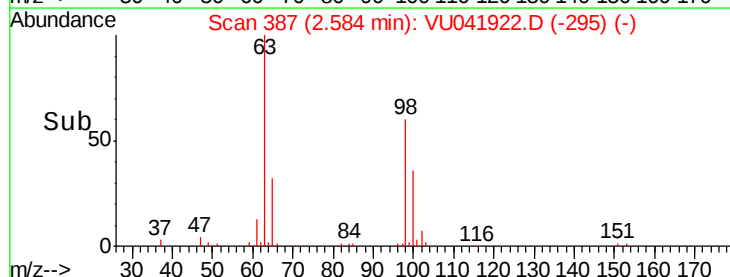
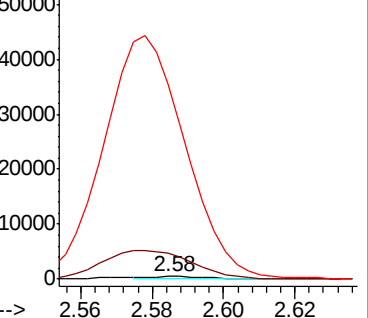
63 7832.2 93.5 173.7#

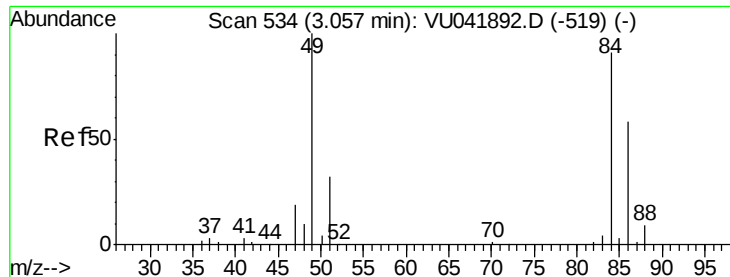


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

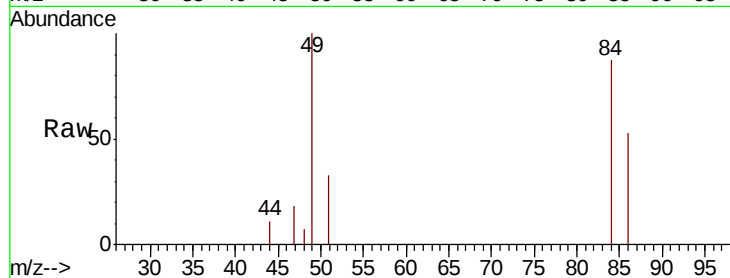




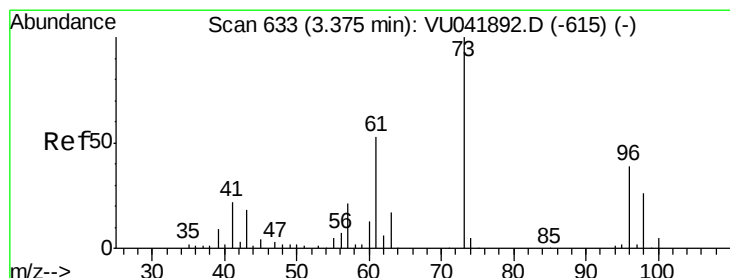
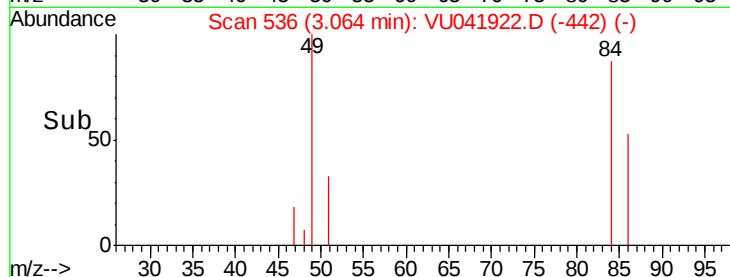
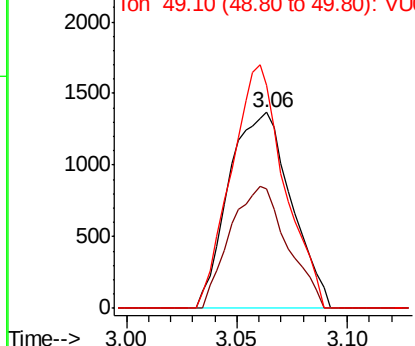
#16
Methylene chloride
Concen: 0.242 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041922.D
Acq: 11 Jan 2021 15:54

Instrument :
MSVOA_U
ClientSampleId :
BFXK2DL

Tot Ion: 84 Resp: 2684
Ion Ratio Lower Upper
84 100
86 60.8 43.5 80.7
49 114.3 81.8 151.8

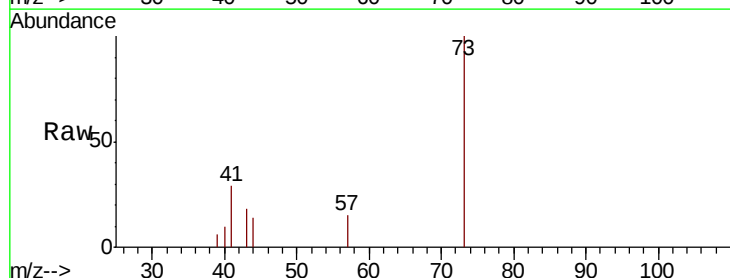


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

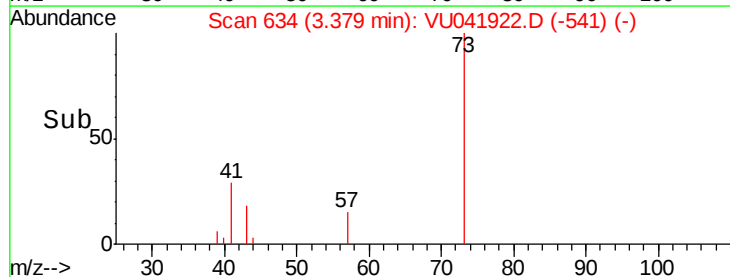
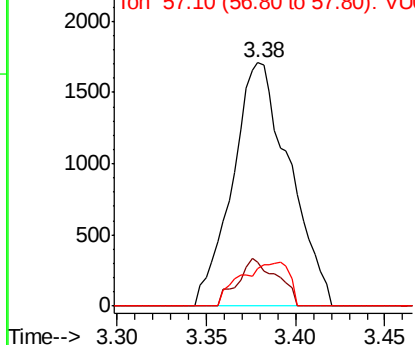


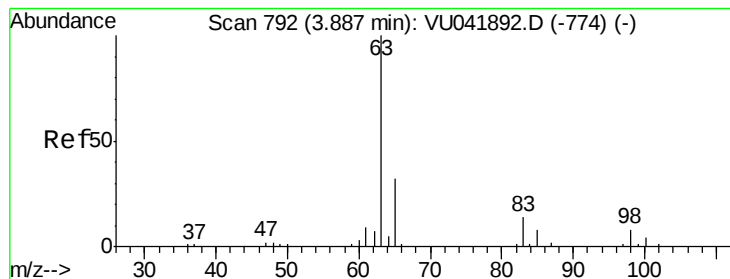
#17
Methyl tert-butyl Ether
Concen: 0.180 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041922.D
Acq: 11 Jan 2021 15:54

Tgt Ion: 73 Resp: 3813
Ion Ratio Lower Upper
73 100
43 13.6 15.8 23.8#
57 15.3 18.3 27.5#



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0





#19

1,1-Dichloroethane

Concen: 0.131 ug/L

RT: 3.88 min Scan# 790

Delta R.T. -0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Instrument :

MSVOA_U

ClientSampleId :

BFXK2DL

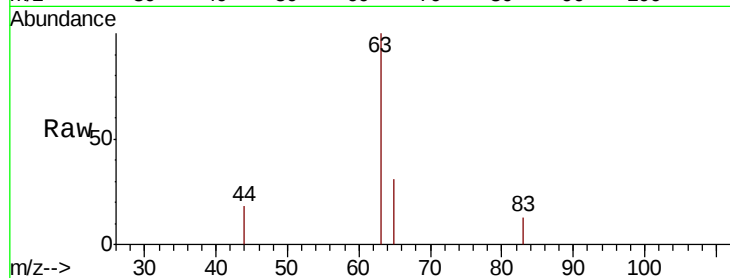
Tot Ion: 63 Resp: 2113

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

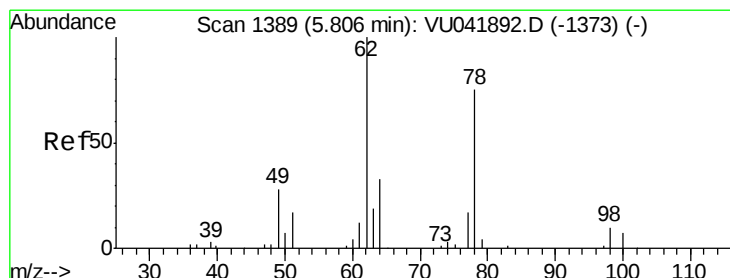
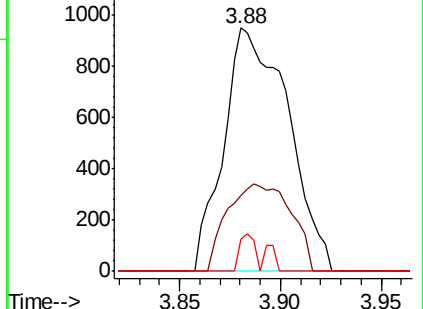
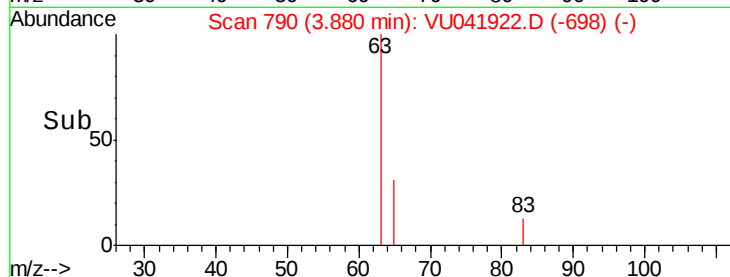
83 13.2 9.0 16.8



Abundance Ion 63.10 (62.80 to 63.80): VU041922.D (-698) (-)

Ion 65.10 (64.80 to 65.80): VU041922.D (-698) (-)

Ion 83.05 (82.75 to 83.75): VU041922.D (-698) (-)



#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU041922.D

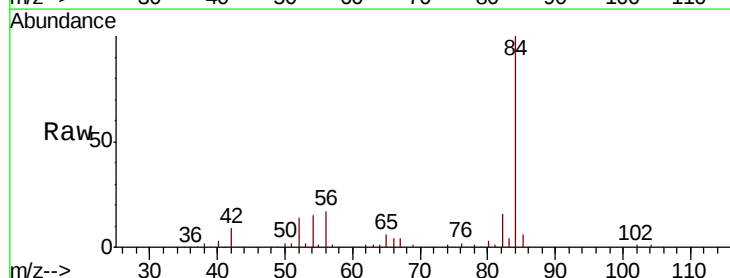
Acq: 11 Jan 2021 15:54

Tgt Ion: 62 Resp: 1020

Ion Ratio Lower Upper

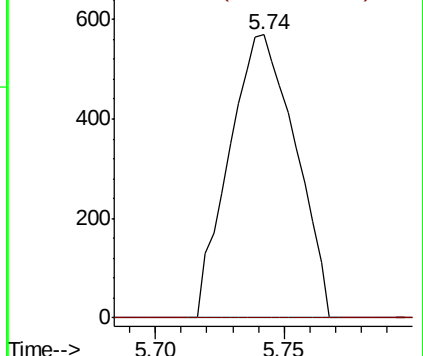
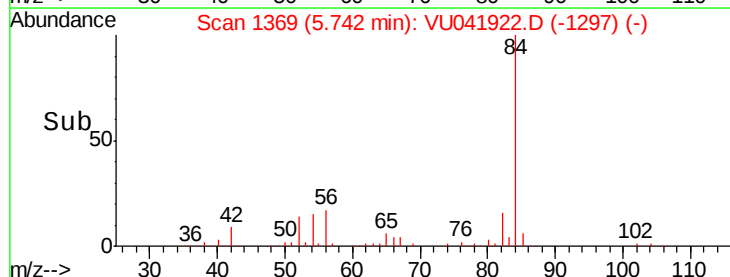
62 100

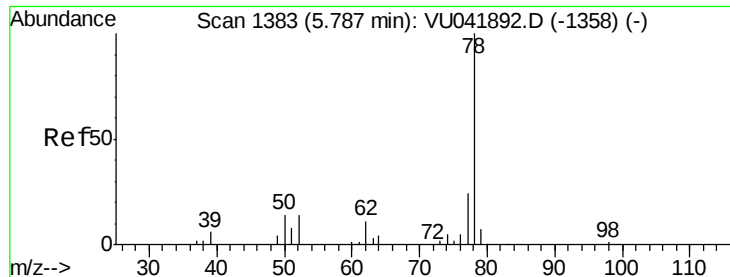
98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU041922.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU041922.D (-1297) (-)





#33

Benzene

Concen: 0.038 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

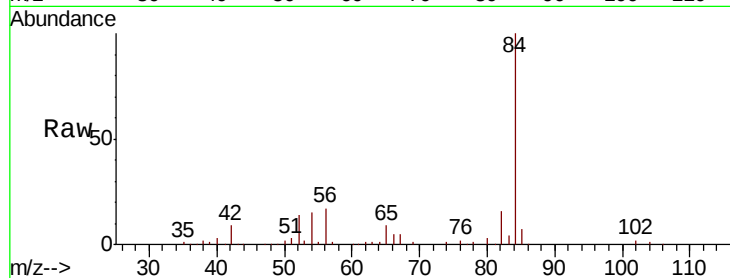
Instrument :

MSVOA_U

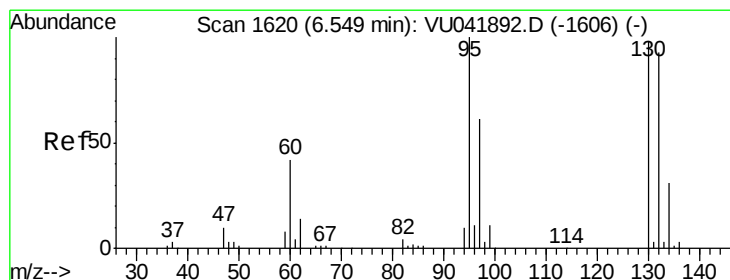
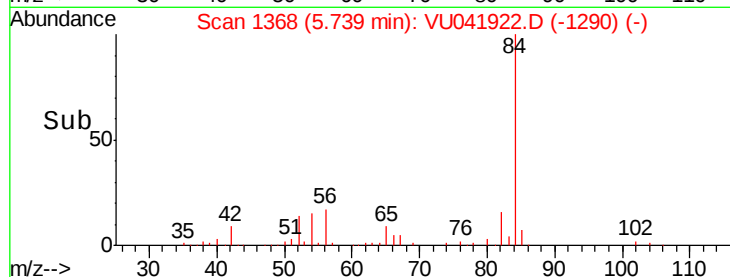
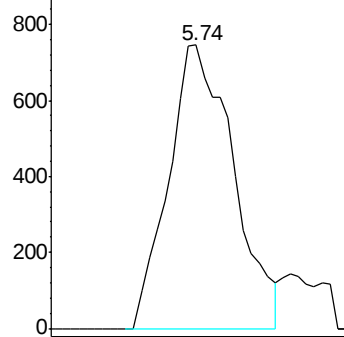
ClientSampleId :

BFXK2DL

Tgt Ion: 78 Resp: 1375



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.124 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Tgt Ion: 95 Resp: 1177

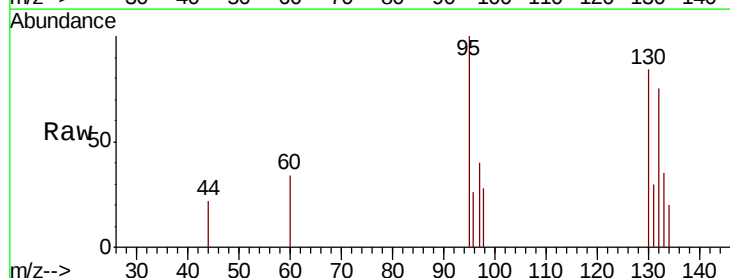
Ion	Ratio	Lower	Upper
95	100		
97	40.3	45.2	84.0#
132	74.8	68.7	127.5
130	84.4	68.0	126.4

95 100

97 40.3 45.2 84.0#

132 74.8 68.7 127.5

130 84.4 68.0 126.4

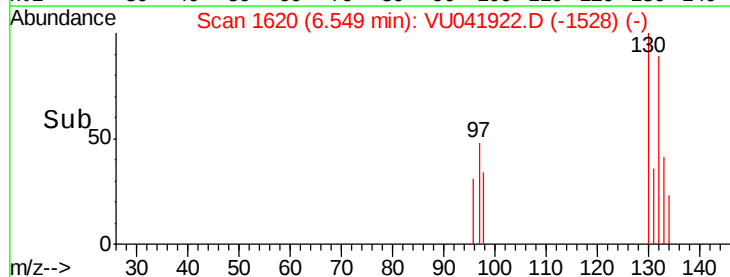
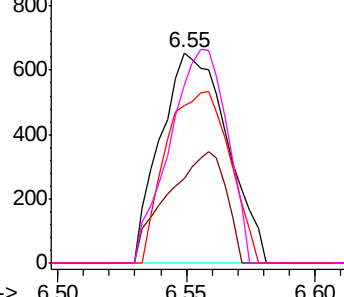


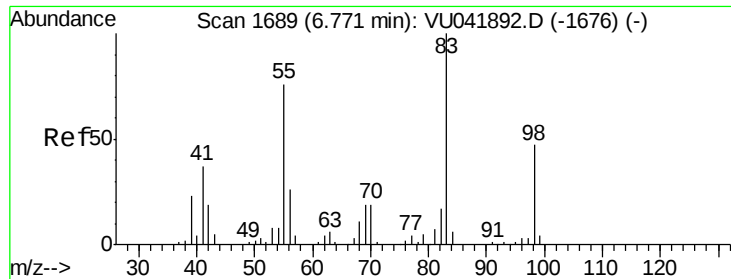
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

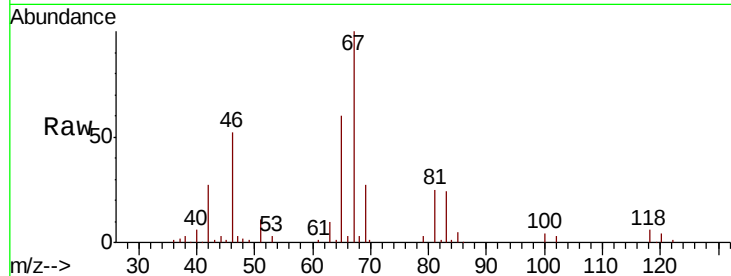




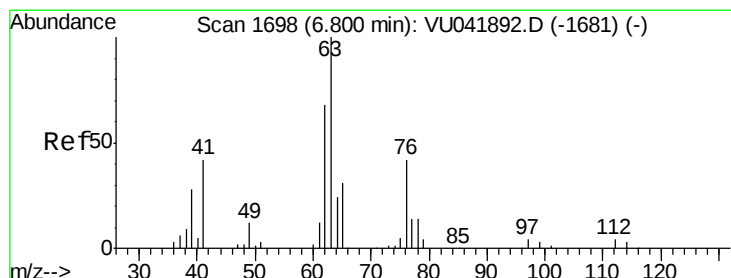
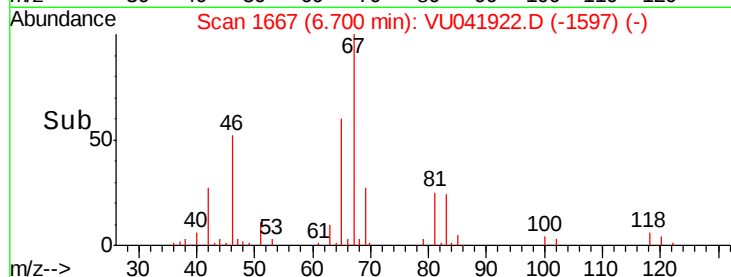
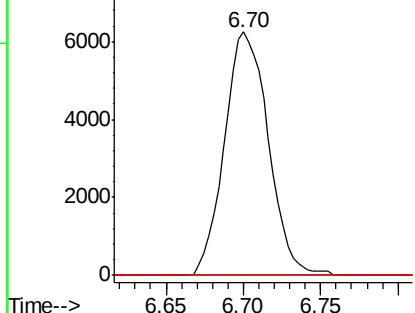
#35
Methvlcvclohexane
Concen: 0.883 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041922.D
Acq: 11 Jan 2021 15:54

Instrument :
MSVOA_U
ClientSampleId :
BFXK2DL

Tot Ion	83.15	Resp	12289
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.3	96.5#
98	0.3	36.6	54.8#

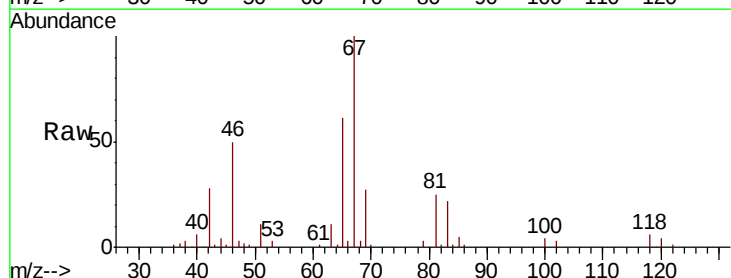


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

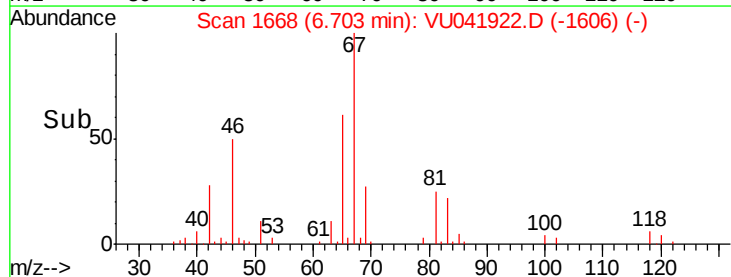
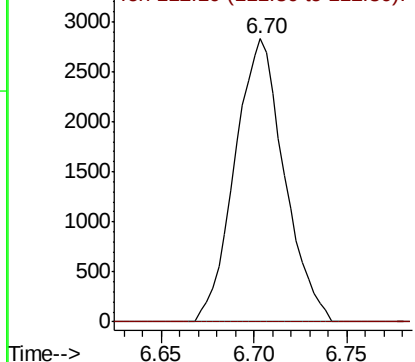


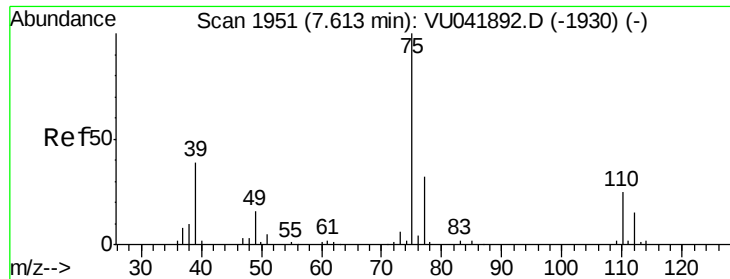
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041922.D
Acq: 11 Jan 2021 15:54

Tgt Ion	63	Resp	5221
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



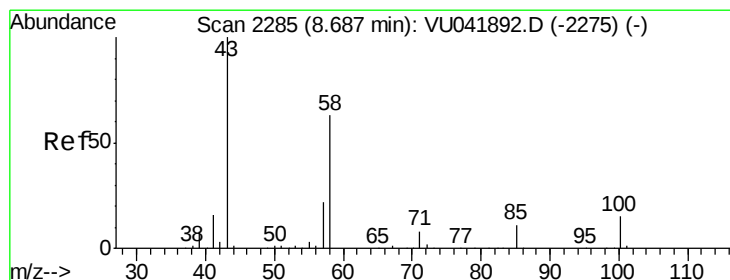
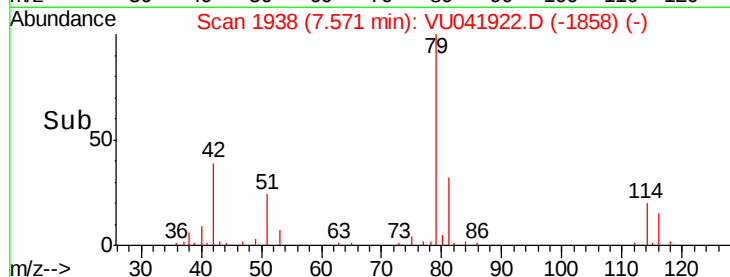
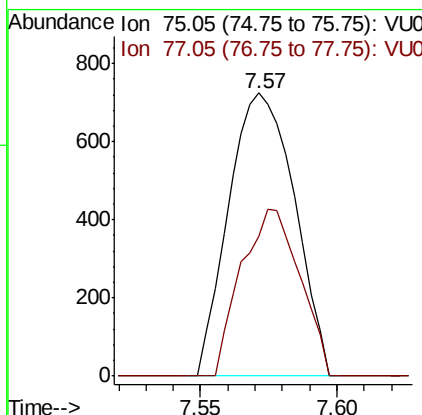
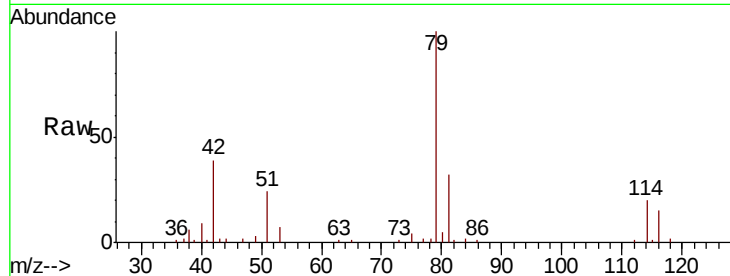


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041922.D
 Acq: 11 Jan 2021 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK2DL

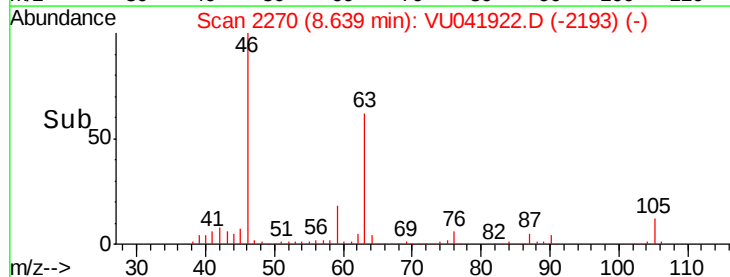
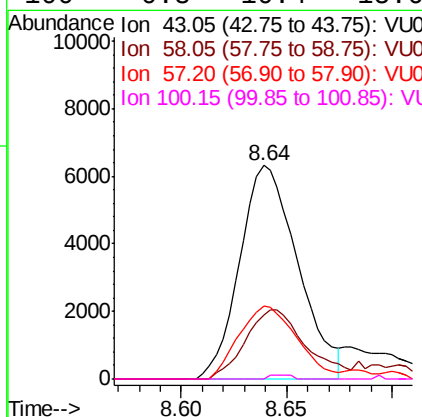
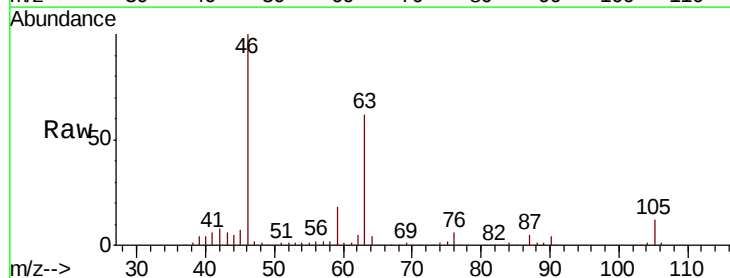
Tot Ion: 75 Resp: 1214
 Ion Ratio Lower Upper
 75 100
 77 49.3 21.5 39.9#

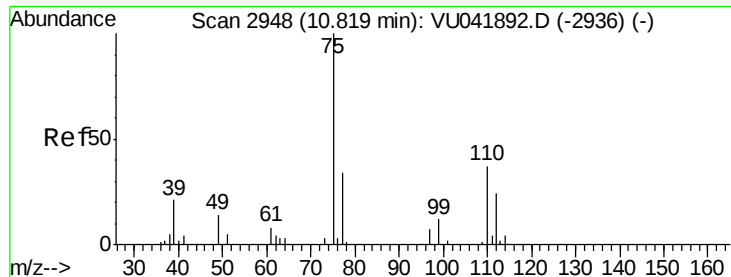


#48

2-Hexanone
 Concen: 2.884 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU041922.D
 Acq: 11 Jan 2021 15:54

Tgt Ion: 43 Resp: 12138
 Ion Ratio Lower Upper
 43 100
 58 33.7 47.6 71.4#
 57 34.1 17.1 25.7#
 100 0.8 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041922.D

Acq: 11 Jan 2021 15:54

Instrument :

MSVOA_U

ClientSampleId :

BFXK2DL

Tot Ion: 75 Resp: 5969

Ion Ratio Lower Upper

75 100

77 33.0 27.0 40.4

