

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041928.D
 Acq On : 11 Jan 2021 18:18
 Operator : SY/MD
 Sample : M1027-01DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM2DL

Quant Time: Jan 12 03:28:16 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	112802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44239	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.92	69	43451	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	70226	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.66	46	141877	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	5.08	84	81594	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	46691	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	158639	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	51713	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.90	98	132350	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	20124	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	123719	56.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48078	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	49668	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

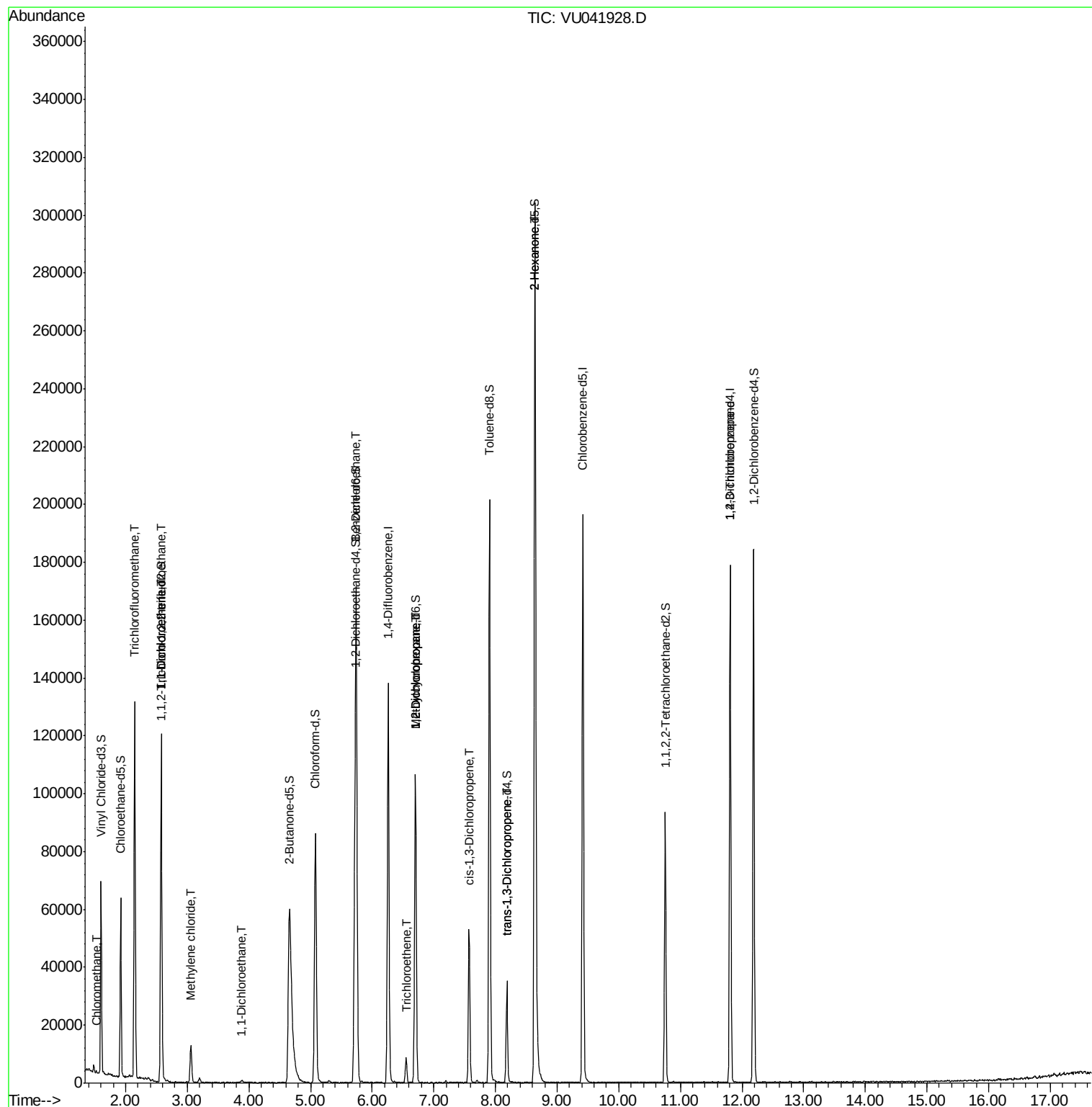
					Ovalue
3) Chloromethane	1.52	50	694	0.058	ug/L 94
9) Trichlorofluoromethane	2.15	101	82142	4.940	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1977	0.219	ug/L # 65
12) 1,1-Dichloroethene	2.57	96	592	0.067	ug/L # 1
16) Methylene chloride	3.06	84	6512	0.588	ug/L 94
19) 1,1-Dichloroethane	3.88	63	1109	0.069	ug/L # 83
27) 1,2-Dichloroethane	5.74	62	1003	0.094	ug/L # 73
34) Trichloroethene	6.55	95	2622	0.276	ug/L 94
35) Methylcyclohexane	6.70	83	11758	0.841	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	5271	0.583	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1341	0.100	ug/L # 66
44) trans-1,3-Dichloropropene	8.18	75	757	0.064	ug/L # 74
48) 2-Hexanone	8.64	43	13537	3.200	ug/L # 65
59) 1,2,3-Trichloropropane	11.81	75	5311	0.805	ug/L 100

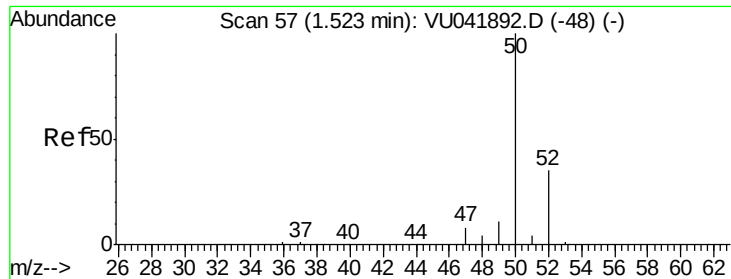
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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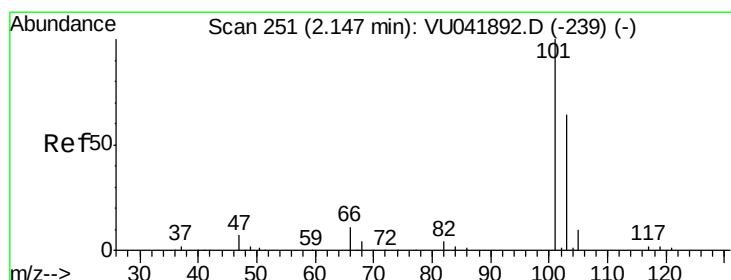
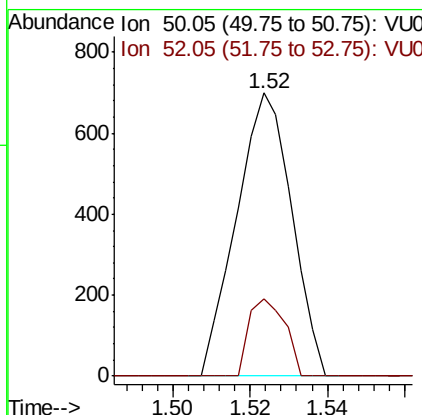
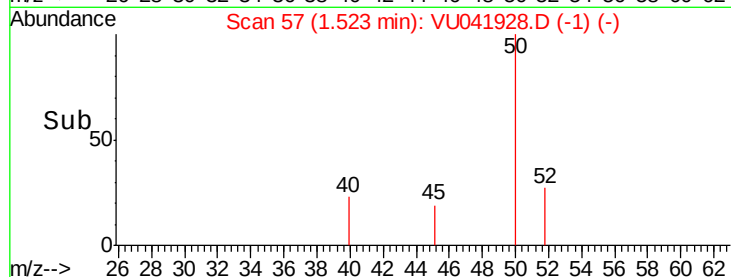
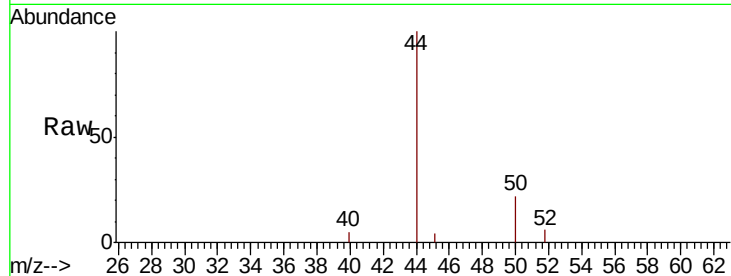




#3
 Chloromethane
 Concen: 0.058 ug/L
 RT: 1.52 min Scan# 57
 Delta R.T. 0.00 min
 Lab File: VU041928.D
 Acq: 11 Jan 2021 18:18

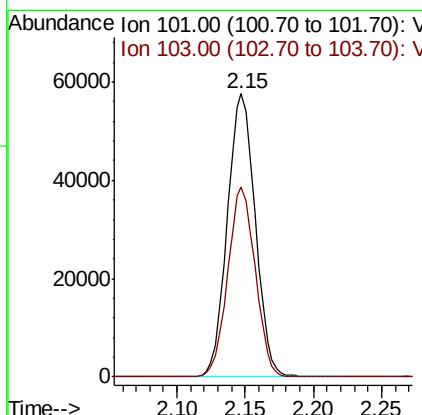
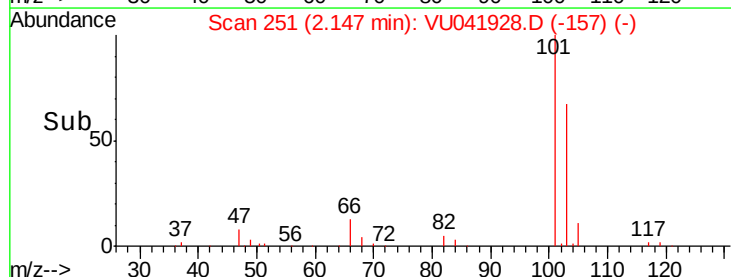
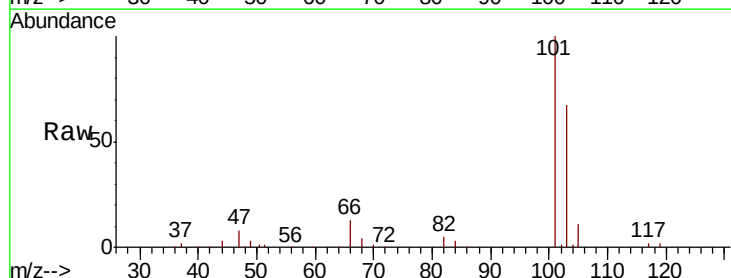
Instrument :
 MSVOA_U
 ClientSampleID :
 BFXM2DL

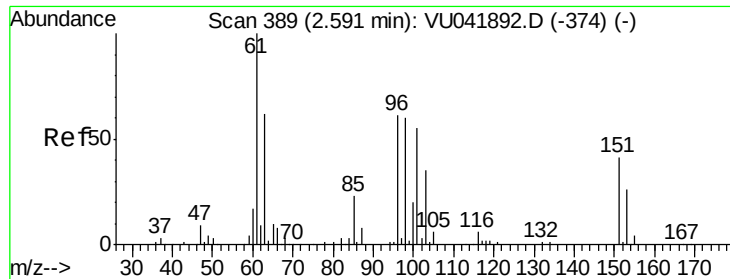
Tot Ion: 50 Resp: 694
 Ion Ratio Lower Upper
 50 100
 52 27.5 21.4 39.8



#9
 Trichlorofluoromethane
 Concen: 4.940 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041928.D
 Acq: 11 Jan 2021 18:18

Tgt Ion:101 Resp: 82142
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.3 76.9





#10

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

Concen: 0.219 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

Instrument :

MSVOA_U

ClientSampled :

BFXM2DL

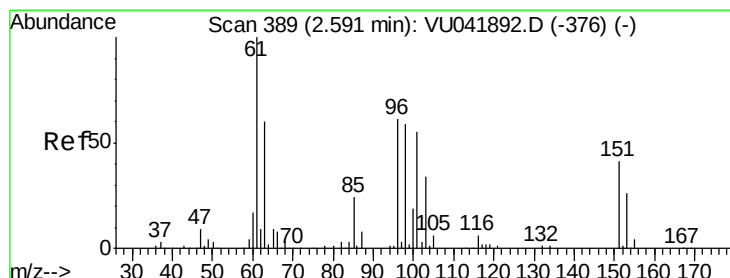
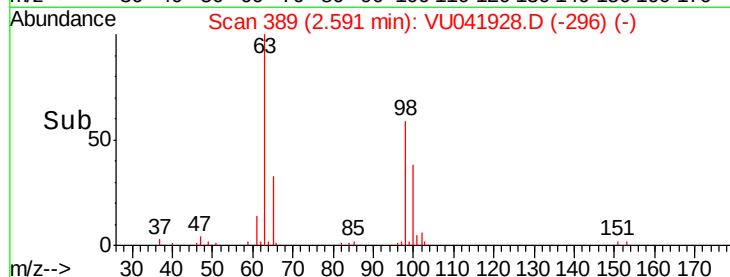
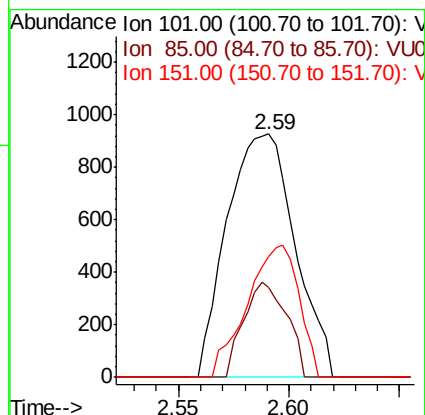
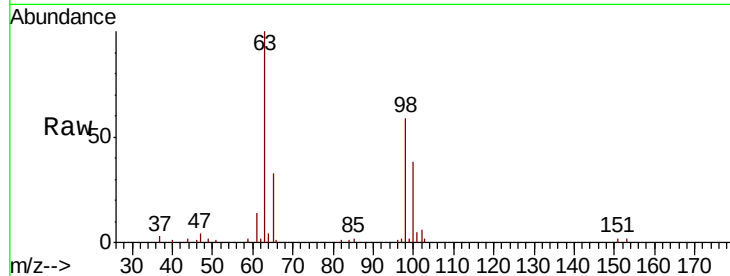
Tot Ion:101 Resp: 1977

Ion Ratio Lower Upper

101 100

85 24.7 35.1 52.7#

151 41.1 58.2 87.2#



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

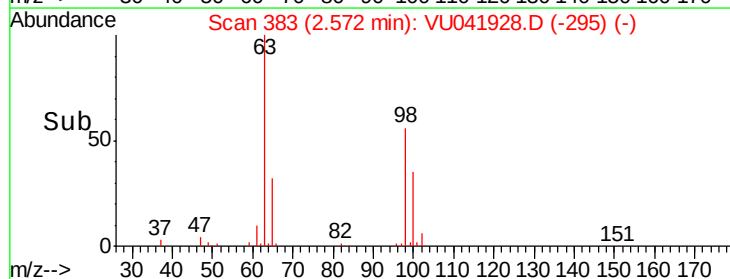
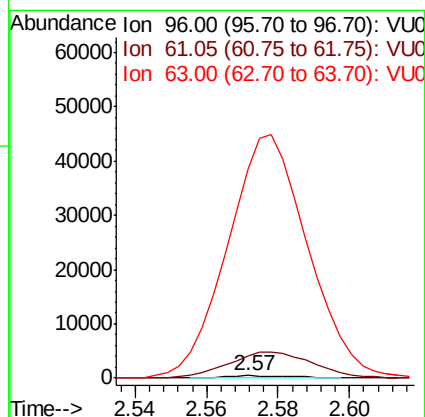
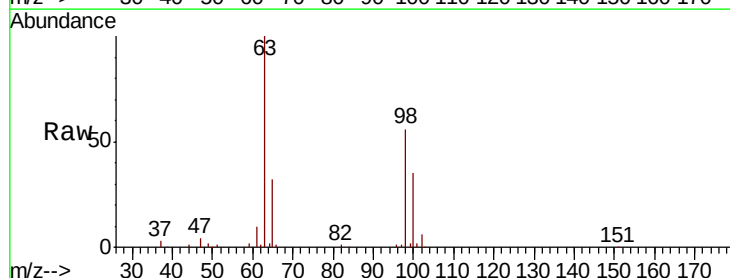
Tgt Ion: 96 Resp: 592

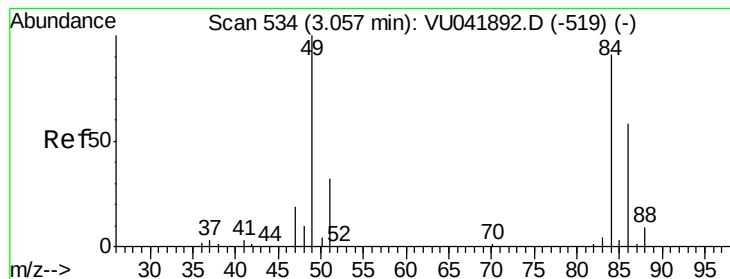
Ion Ratio Lower Upper

96 100

61 921.0 123.5 229.4#

63 8794.5 93.5 173.7#





#16

Methylene chloride

Concen: 0.588 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

Instrument :

MSVOA_U

ClientSampleId :

BFXM2DL

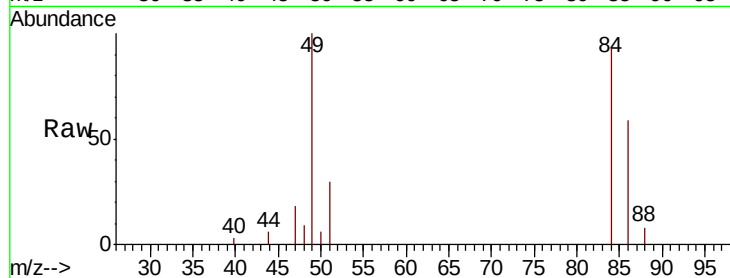
Tot Ion: 84 Resp: 6512

Ion Ratio Lower Upper

84 100

86 63.3 43.5 80.7

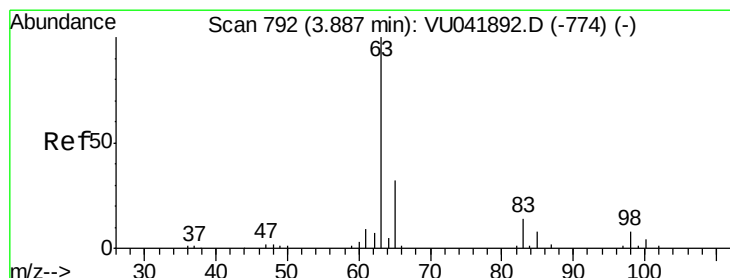
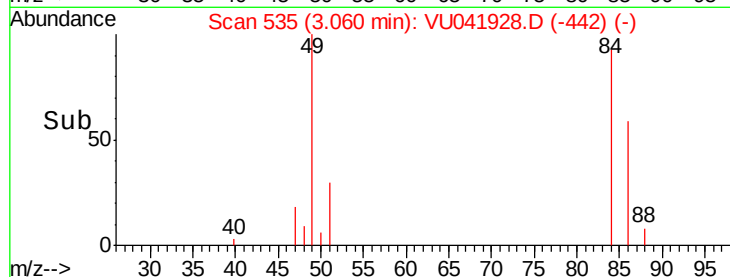
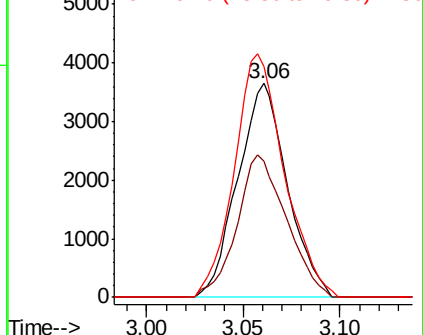
49 107.6 81.8 151.8



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



#19

1,1-Dichloroethane

Concen: 0.069 ug/L

RT: 3.88 min Scan# 791

Delta R.T. 0.00 min

Lab File: VU041928.D

Acq: 11 Jan 2021 18:18

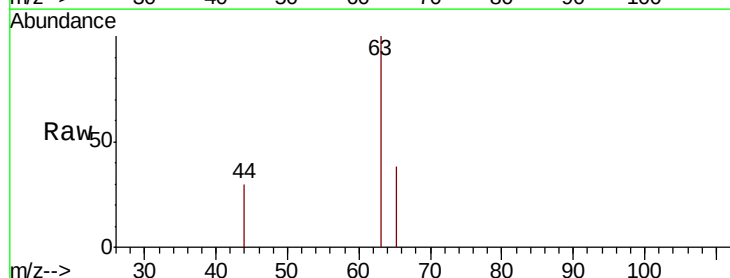
Tgt Ion: 63 Resp: 1109

Ion Ratio Lower Upper

63 100

65 37.9 22.3 41.5

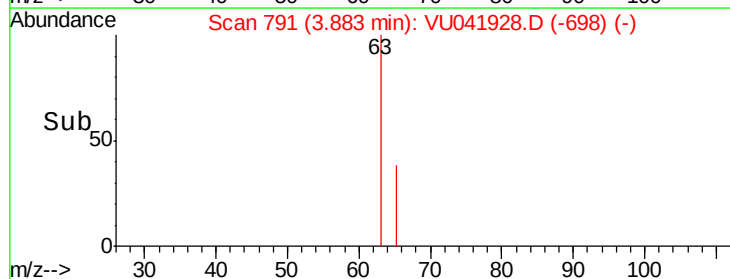
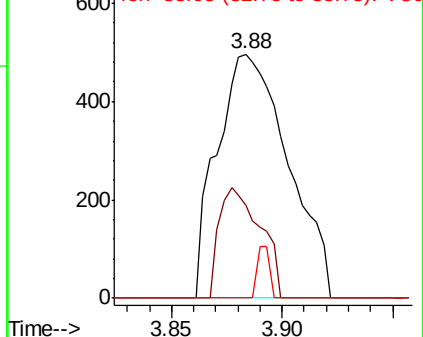
83 0.0 9.0 16.8#

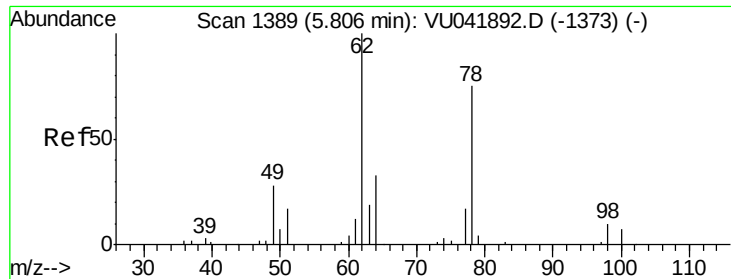


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

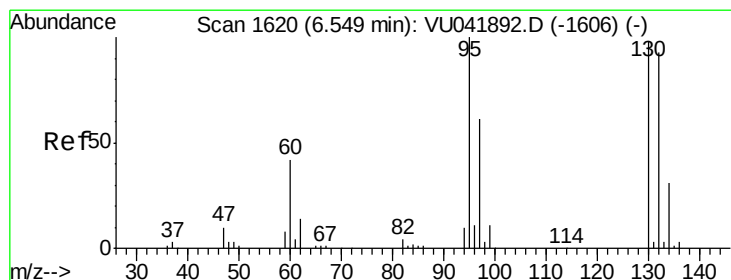
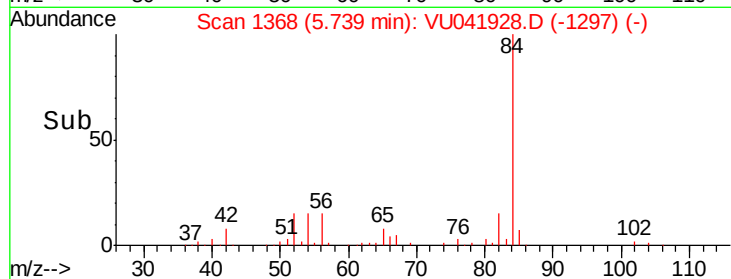
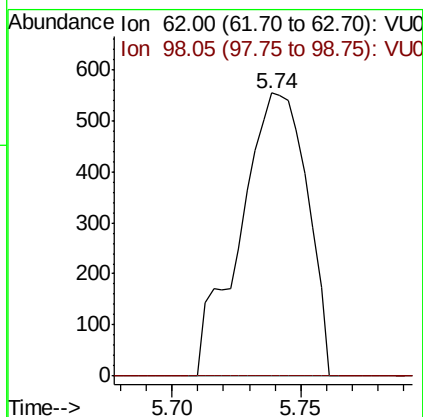
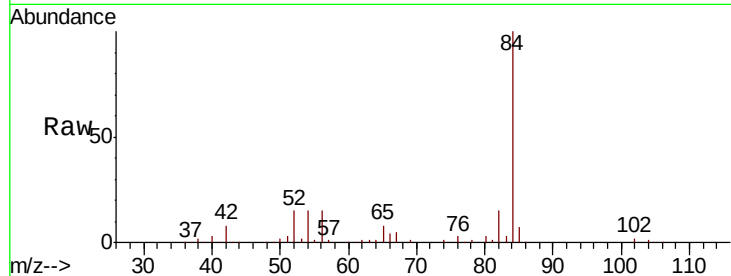




#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041928.D
 Acq: 11 Jan 2021 18:18

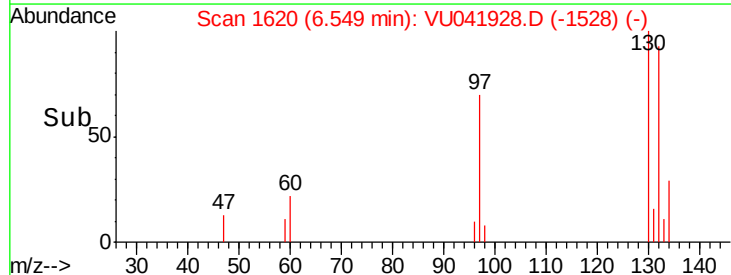
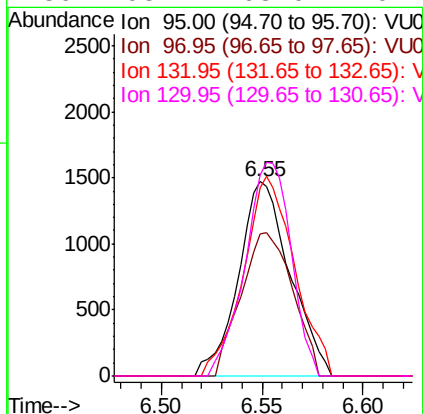
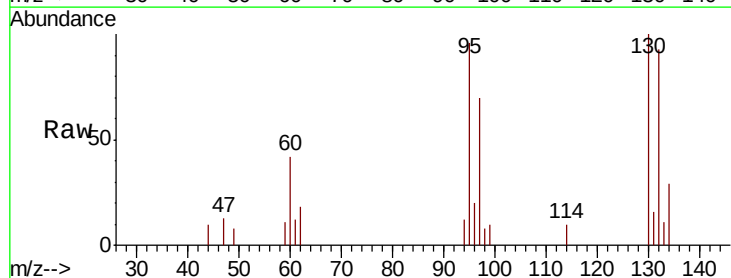
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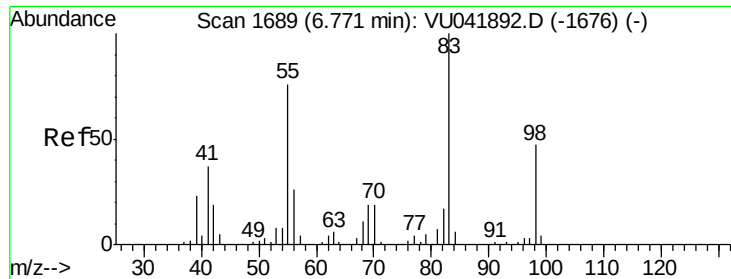
Tot Ion: 62 Resp: 1003
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#



#34
 Trichloroethene
 Concen: 0.276 ug/L
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU041928.D
 Acq: 11 Jan 2021 18:18

Tgt Ion: 95 Resp: 2622
 Ion Ratio Lower Upper
 95 100
 97 72.9 45.2 84.0
 132 96.6 68.7 127.5
 130 103.7 68.0 126.4

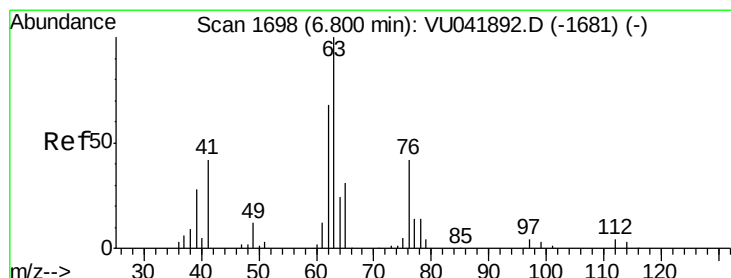
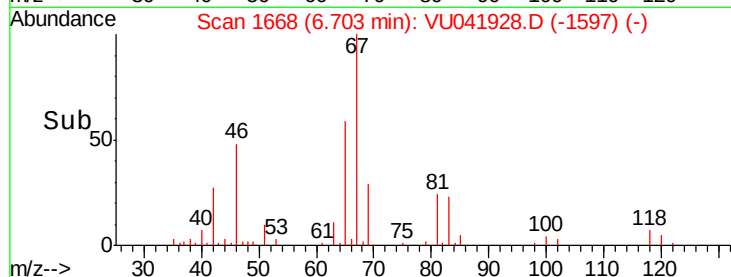
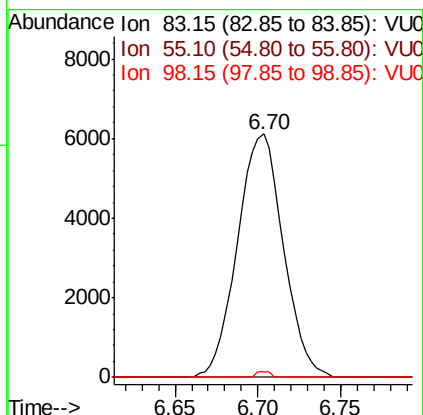
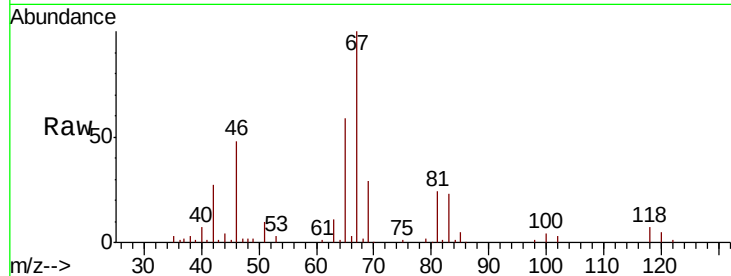




#35
Methylvlcyclohexane
Concen: 0.841 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041928.D
Acq: 11 Jan 2021 18:18

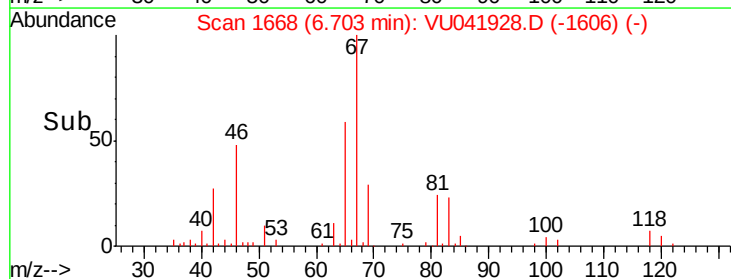
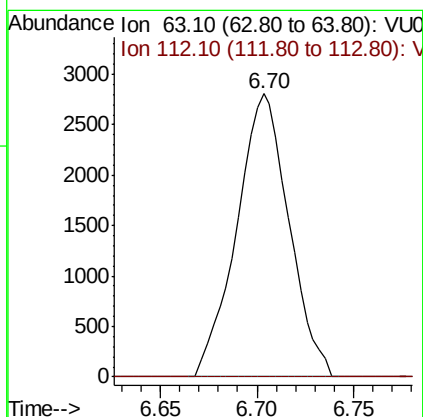
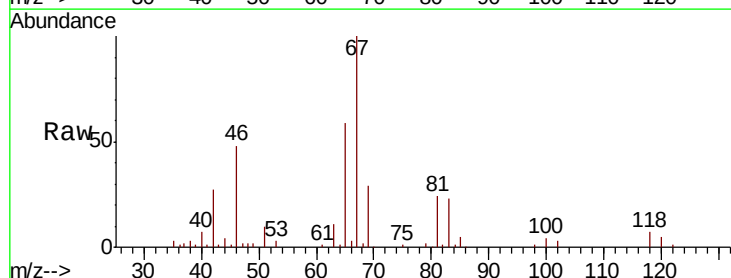
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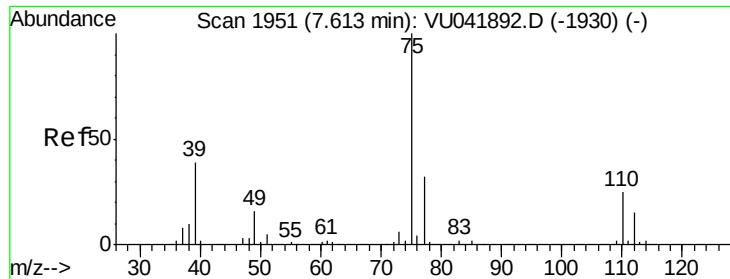
Tot Ion: 83 Resp: 11758
Ion Ratio Lower Upper
83 100
55 0.0 64.3 96.5#
98 0.7 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041928.D
Acq: 11 Jan 2021 18:18

Tgt Ion: 63 Resp: 5271
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

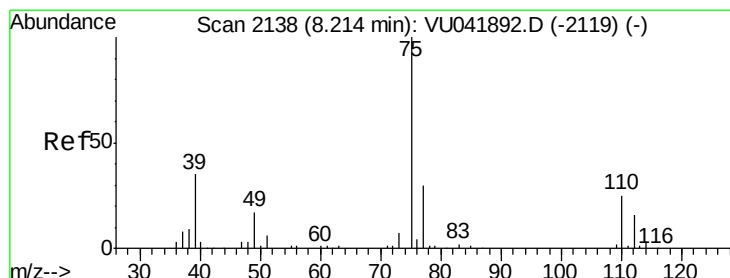
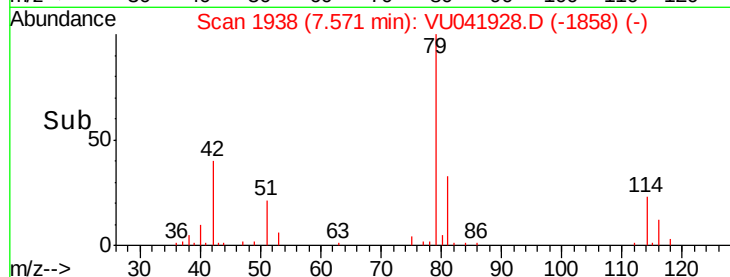
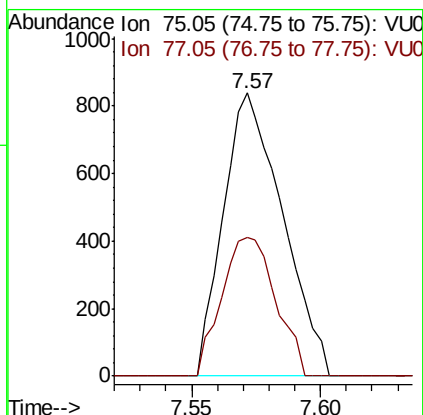
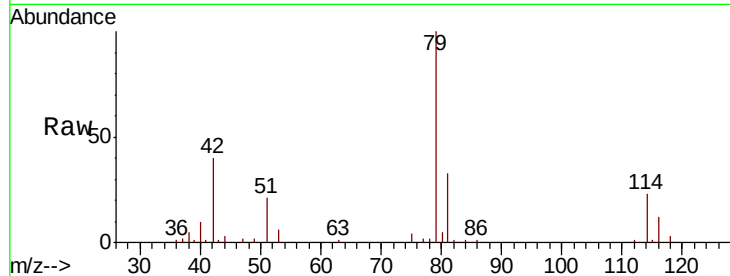




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041928.D
 Acq: 11 Jan 2021 18:18

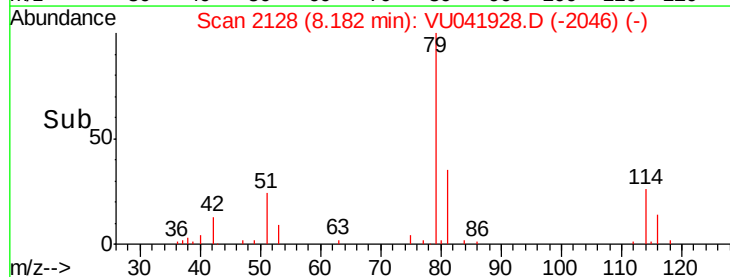
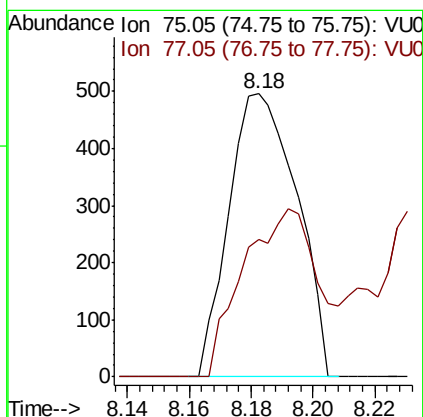
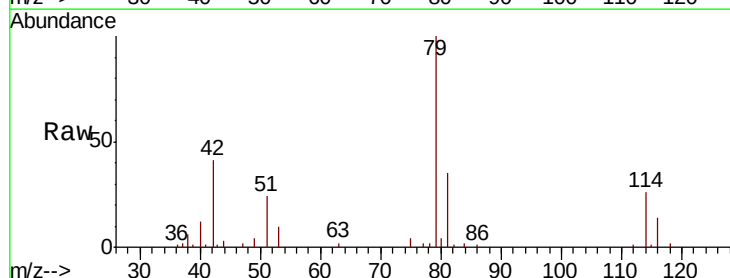
Instrument :
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 BFXM2DL

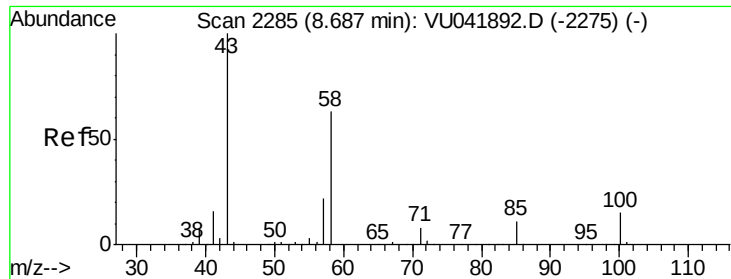
Tot Ion: 75 Resp: 1341
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.5 39.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.064 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU041928.D
 Acq: 11 Jan 2021 18:18

Tgt Ion: 75 Resp: 757
 Ion Ratio Lower Upper
 75 100
 77 48.6 23.7 44.1#

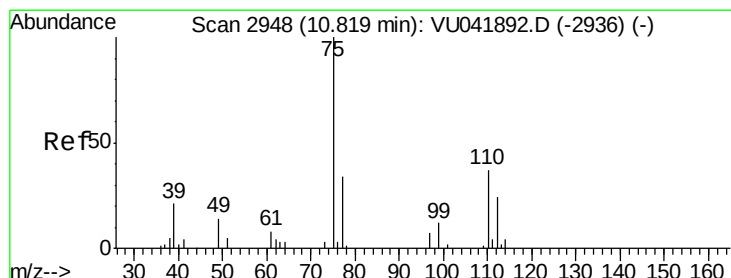
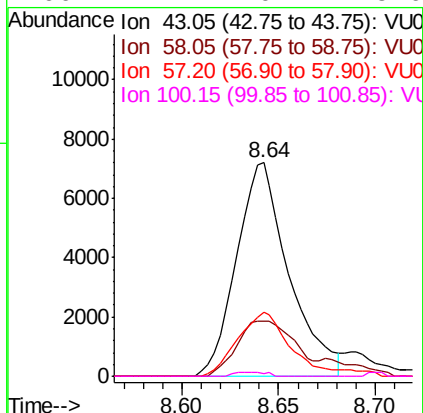
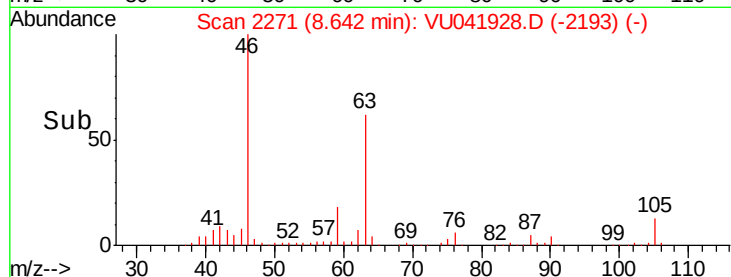
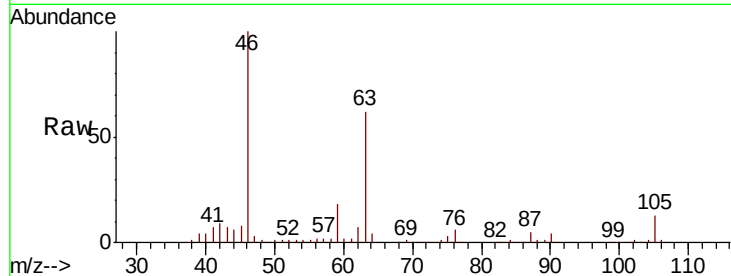




#48
2-Hexanone
Concen: 3.200 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041928.D
Acq: 11 Jan 2021 18:18

Instrument :
MSVOA_U
ClientSampleID :
BFXM2DL

Tot Ion: 43 Resp: 13537
Ion Ratio Lower Upper
43 100
58 28.0 47.6 71.4#
57 31.2 17.1 25.7#
100 1.2 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.805 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041928.D
Acq: 11 Jan 2021 18:18

Tgt Ion: 75 Resp: 5311
Ion Ratio Lower Upper
75 100
77 33.4 27.0 40.4

