

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040892.D
 Acq On : 21 Oct 2020 22:55
 Operator : SY/MD
 Sample : L4428-21DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ53DL

Quant Time: Oct 22 00:53:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	219096	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	228848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69488	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.92	69	63853	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	109742	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.66	46	359579	67.42	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.84%#
24) Chloroform-d	5.08	84	161029	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	103052	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.74	84	283607	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	98346	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	213715	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	37153	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	255094	62.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	97266	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	92893	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

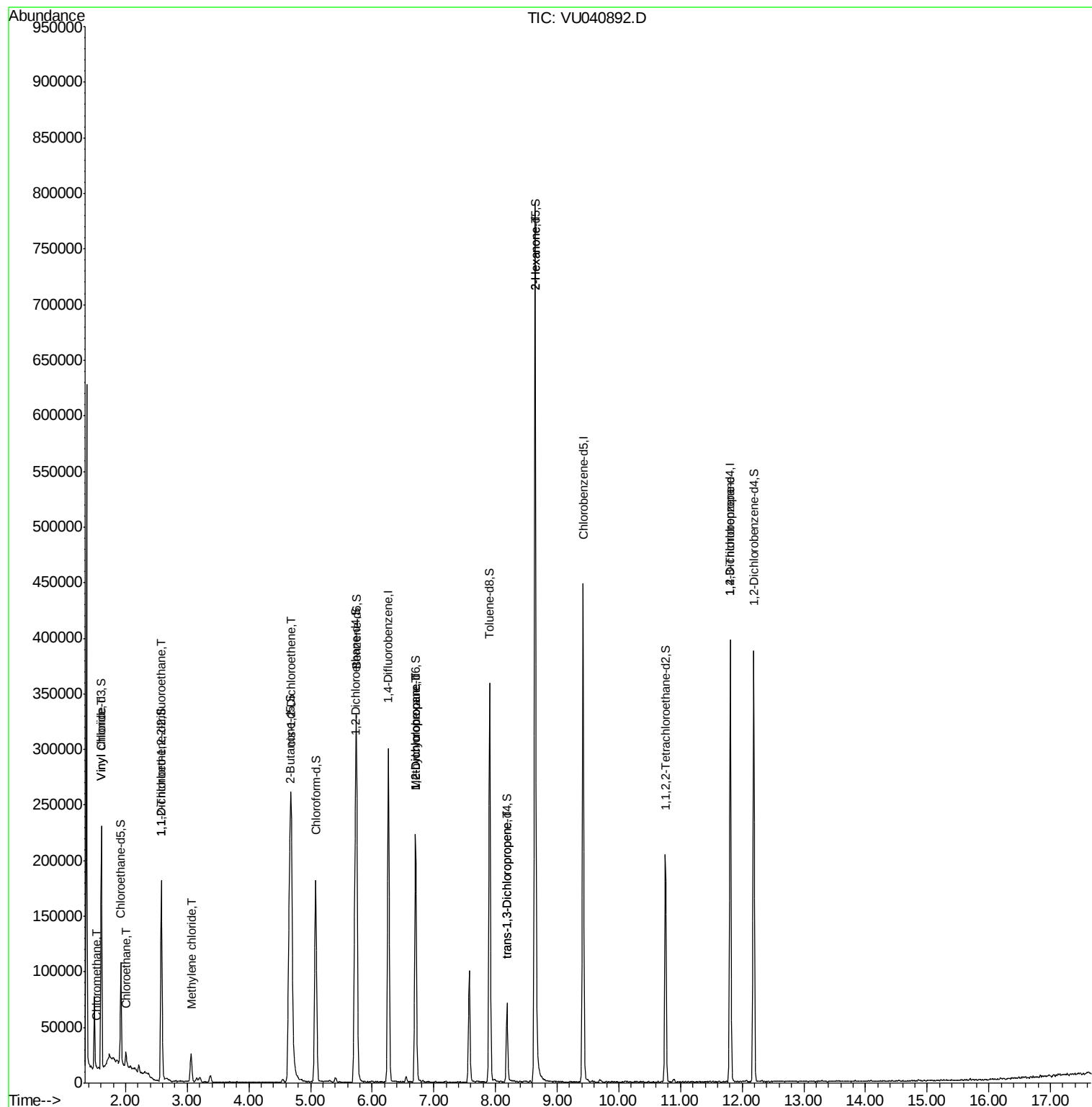
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1562	0.065	ug/L #	82
5) Vinyl chloride	1.61	62	3279	0.146	ug/L #	1
8) Chloroethane	1.99	64	523	0.036	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	782	0.045	ug/L #	21
16) Methylene chloride	3.06	84	11426	0.579	ug/L	88
22) cis-1,2-Dichloroethene	4.69	96	76887	4.208	ug/L	93
35) Methylcyclohexane	6.70	83	23742	0.847	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11682	0.588	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	2170	0.090	ug/L	89
48) 2-Hexanone	8.64	43	39153	4.038	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	13284	1.029	ug/L	100

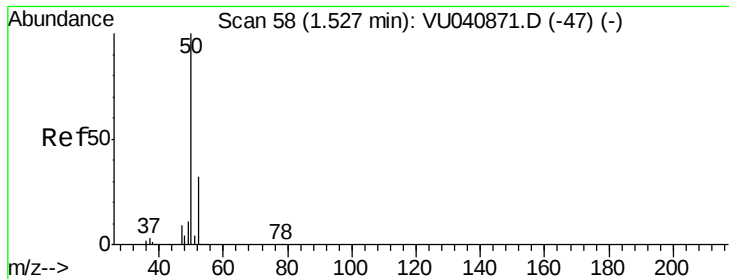
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.065 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

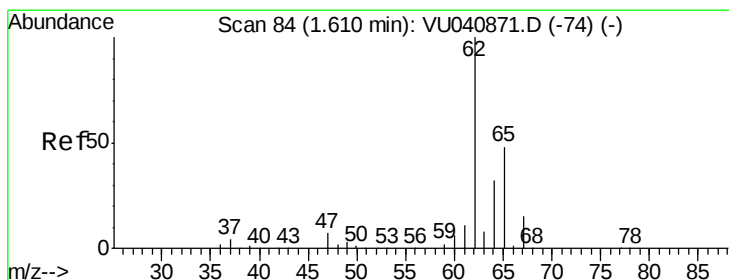
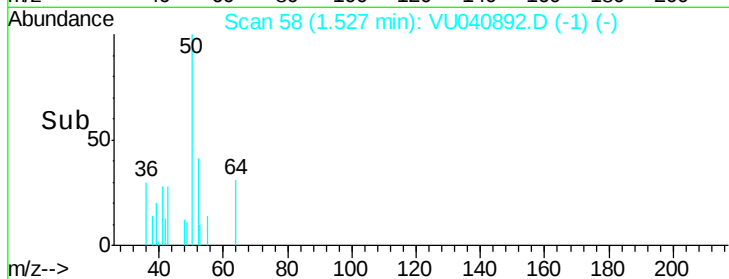
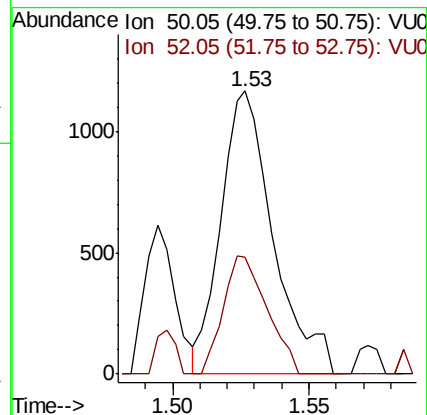
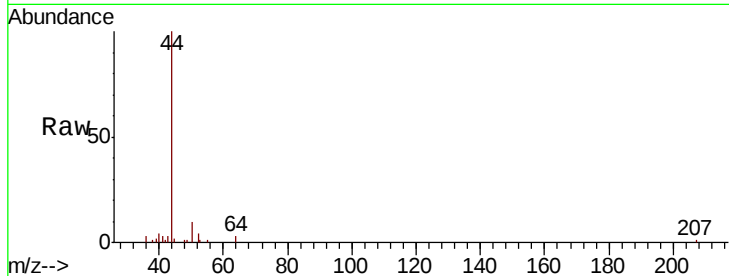
ETZ53DL

Tot Ion: 50 Resp: 1562

Ion Ratio Lower Upper

50 100

52 41.3 21.8 40.6#



#5

Vinyl chloride

Concen: 0.146 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040892.D

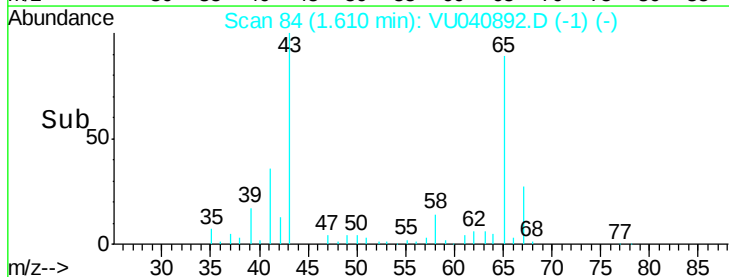
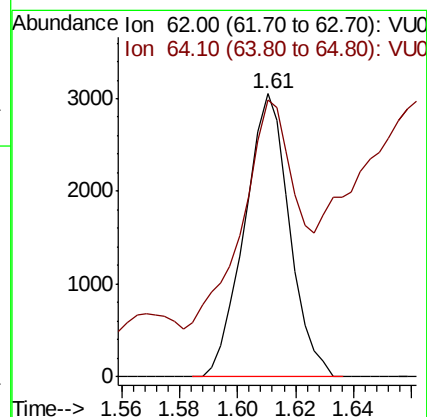
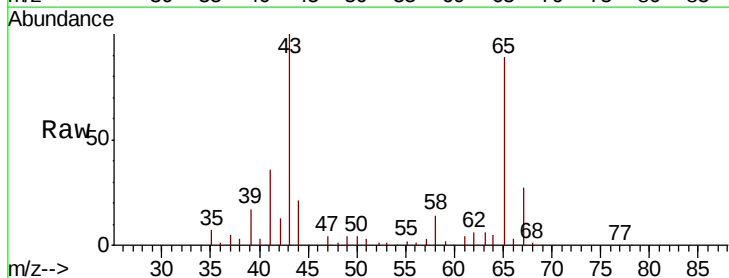
Acq: 21 Oct 2020 22:55

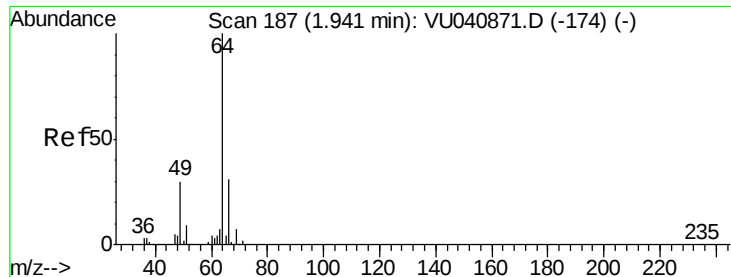
Tgt Ion: 62 Resp: 3279

Ion Ratio Lower Upper

62 100

64 97.9 21.8 40.6#





#8

Chloroethane

Concen: 0.036 ug/L

RT: 1.99 min Scan# 203

Delta R.T. 0.05 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

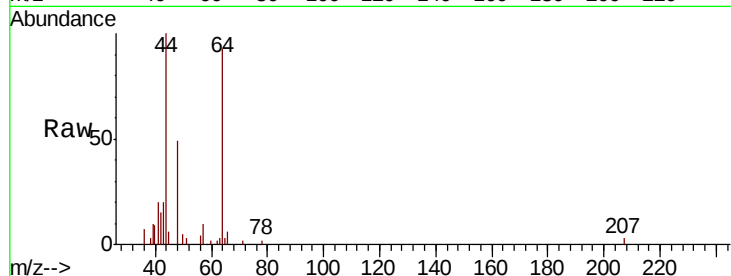
ETZ53DL

Tot Ion: 64 Resp: 523

Ion Ratio Lower Upper

64 100

66 6.1 21.2 39.4#

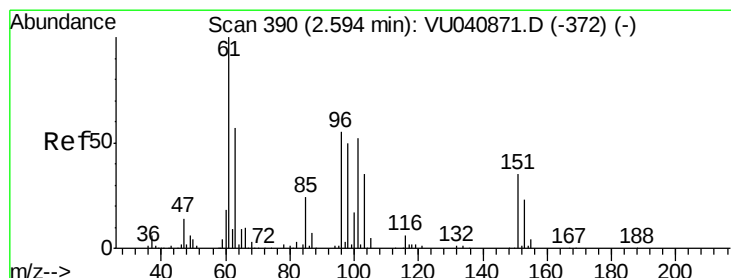
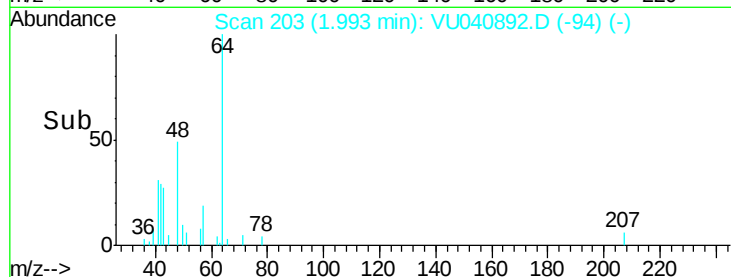


Abundance Ion 64.10 (63.80 to 64.80): VU040892.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU040892.D (-94) (-)

1.99

Time-->



#10

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

Concen: 0.045 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

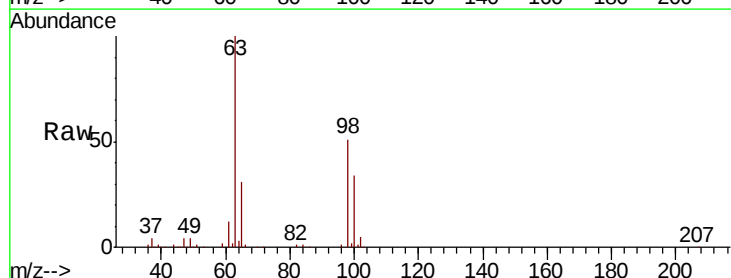
Tgt Ion: 101 Resp: 782

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 0.0 56.3 84.5#



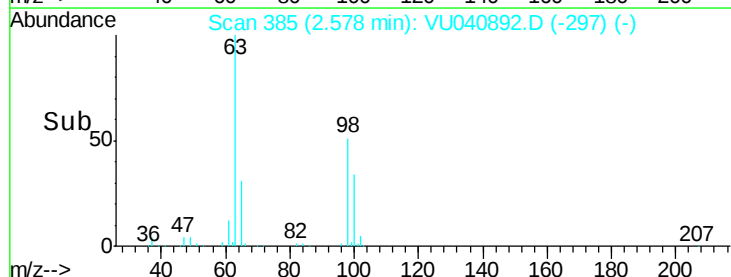
Abundance Ion 101.00 (100.70 to 101.70): VU040892.D (-297) (-)

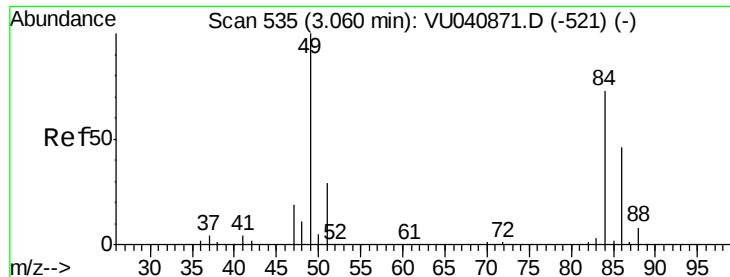
Ion 85.00 (84.70 to 85.70): VU040892.D (-297) (-)

Ion 151.00 (150.70 to 151.70): VU040892.D (-297) (-)

2.58

Time-->

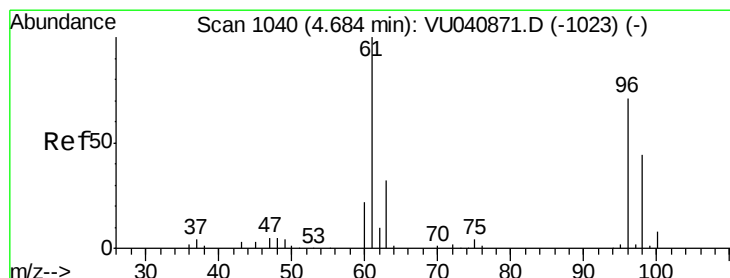
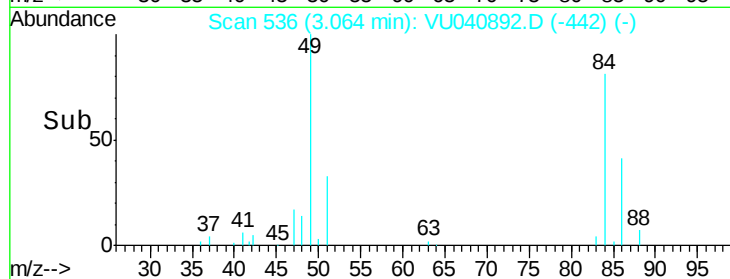
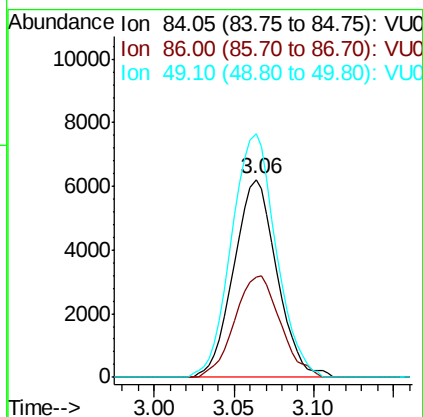
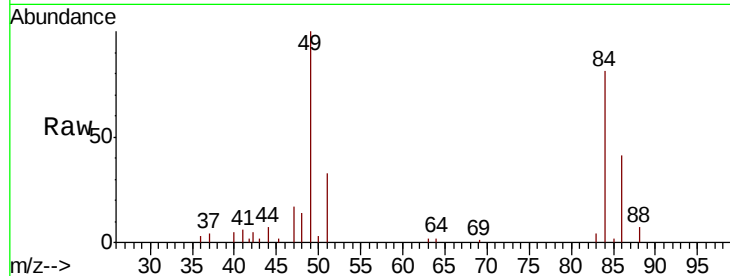




#16
Methvlene chloride
Concen: 0.579 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040892.D
Acq: 21 Oct 2020 22:55

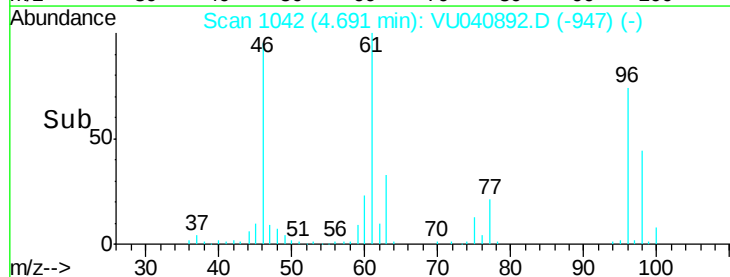
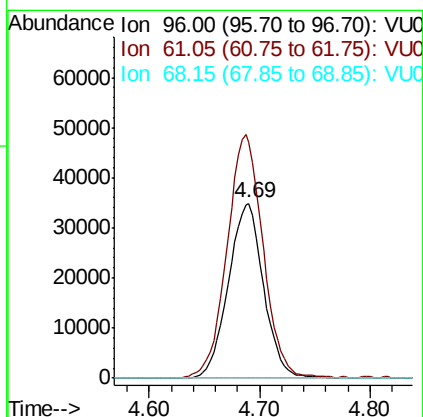
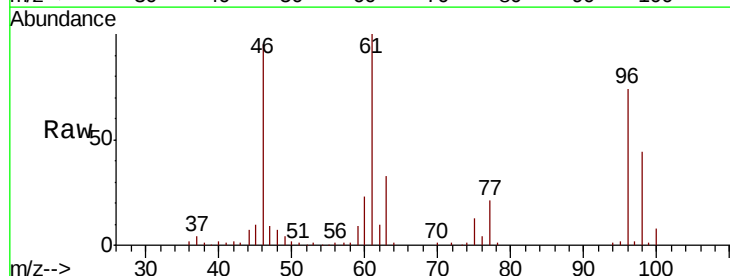
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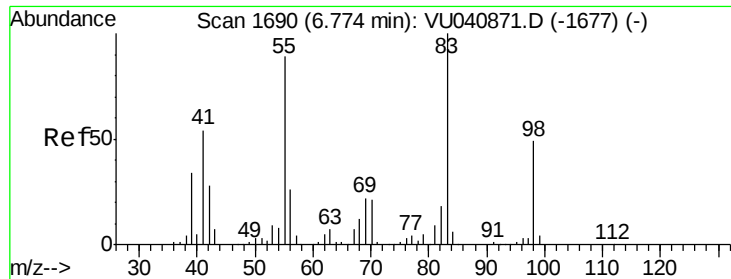
Tot Ion: 84 Resp: 11426
Ion Ratio Lower Upper
84 100
86 50.9 44.9 83.5
49 123.2 94.7 175.9



#22
cis-1,2-Dichloroethene
Concen: 4.208 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU040892.D
Acq: 21 Oct 2020 22:55

Tgt Ion: 96 Resp: 76887
Ion Ratio Lower Upper
96 100
61 134.8 100.0 185.6
68 0.0 0.0 0.0

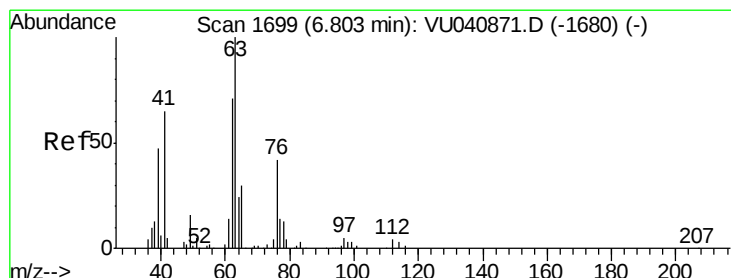
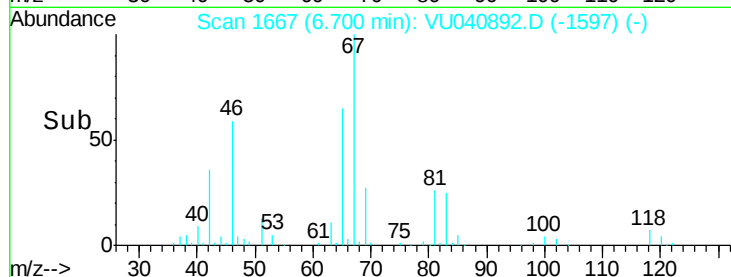
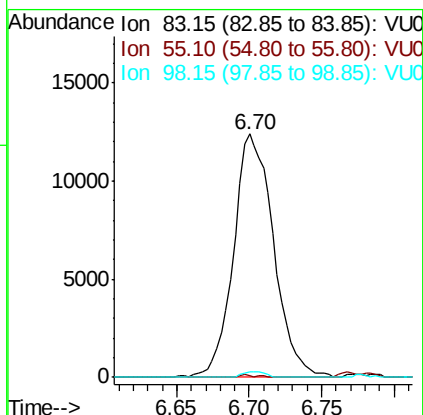
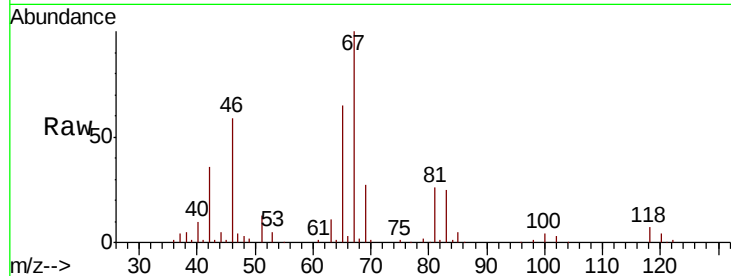




#35
Methvlcvclohexane
Concen: 0.847 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040892.D
Acq: 21 Oct 2020 22:55

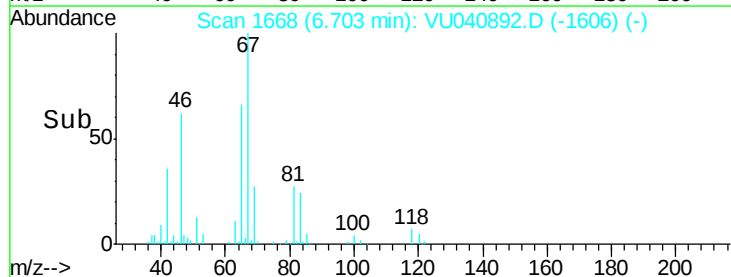
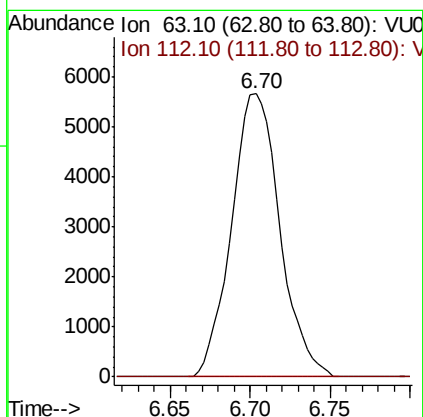
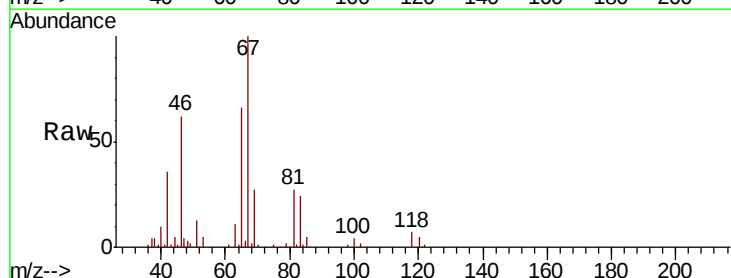
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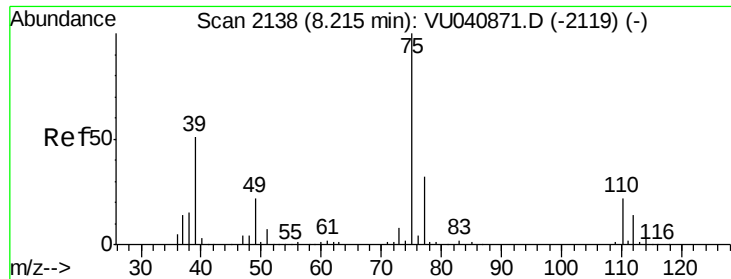
Tot Ion: 83 Resp: 23742
Ion Ratio Lower Upper
83 100
55 0.2 69.1 103.7#
98 1.2 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040892.D
Acq: 21 Oct 2020 22:55

Tgt Ion: 63 Resp: 11682
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

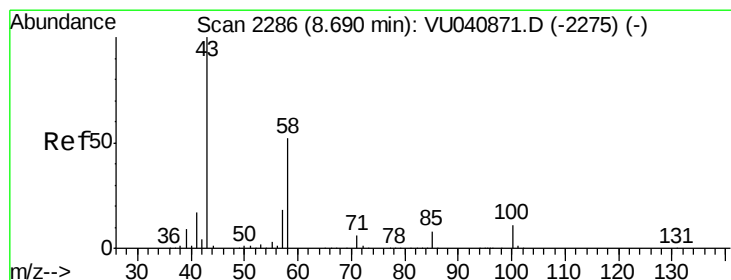
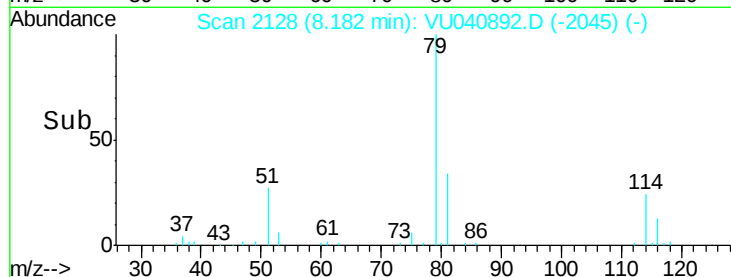
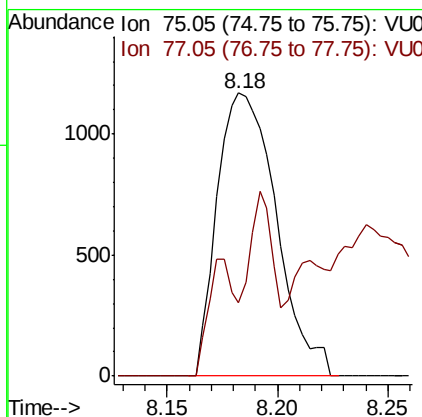
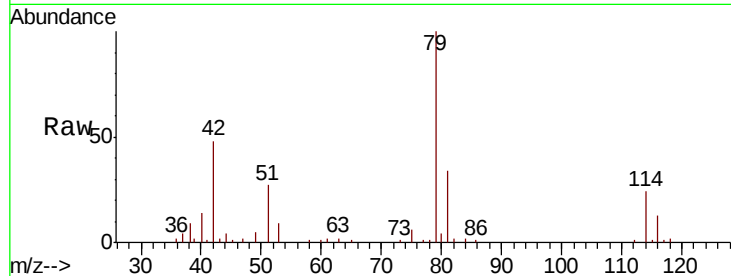




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040892.D
Acq: 21 Oct 2020 22:55

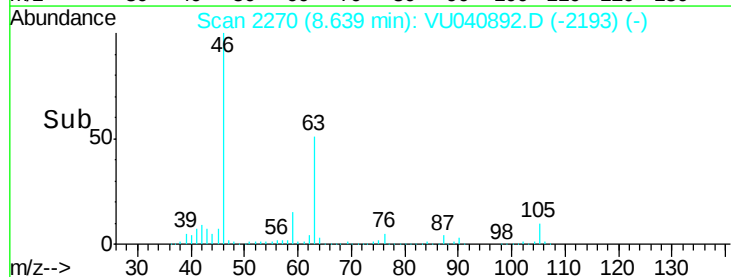
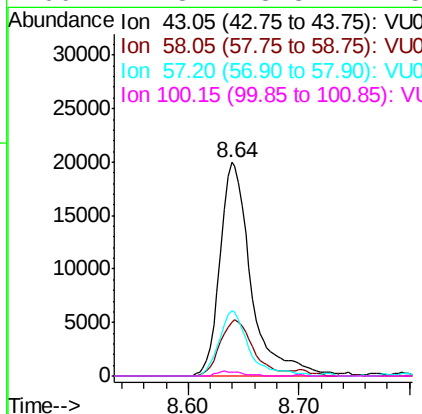
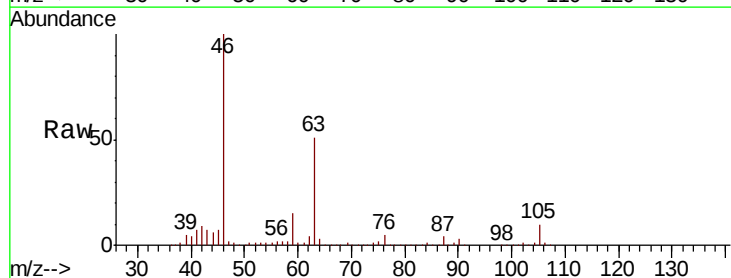
Instrument :
MSVOA_U
ClientSampled :
ETZ53DL

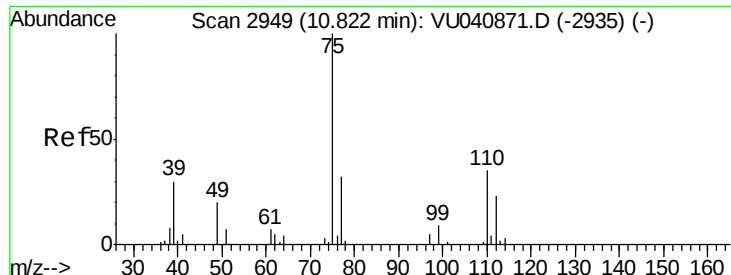
Tot Ion: 75 Resp: 2170
Ion Ratio Lower Upper
75 100
77 25.9 22.6 42.0



#48
2-Hexanone
Concen: 4.038 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040892.D
Acq: 21 Oct 2020 22:55

Tgt Ion: 43 Resp: 39153
Ion Ratio Lower Upper
43 100
58 28.0 40.9 61.3#
57 29.2 14.4 21.6#
100 1.8 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 1.029 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040892.D

Acq: 21 Oct 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

ETZ53DL

Tot Ion: 75 Resp: 13284

Ion Ratio Lower Upper

75 100

77 34.5 27.5 41.3

