

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040906.D
 Acq On : 22 Oct 2020 14:54
 Operator : SY/MD
 Sample : L4447-02DL2 400X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ56DL2

Quant Time: Oct 22 23:26:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	221782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	235461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95314	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	63139	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	59835	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	101502	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.65	46	326558	60.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.98%
24) Chloroform-d	5.08	84	157852	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	97699	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.75	84	266548	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	97100	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	200279	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.19	79	35027	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	231522	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	89902	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	84811	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

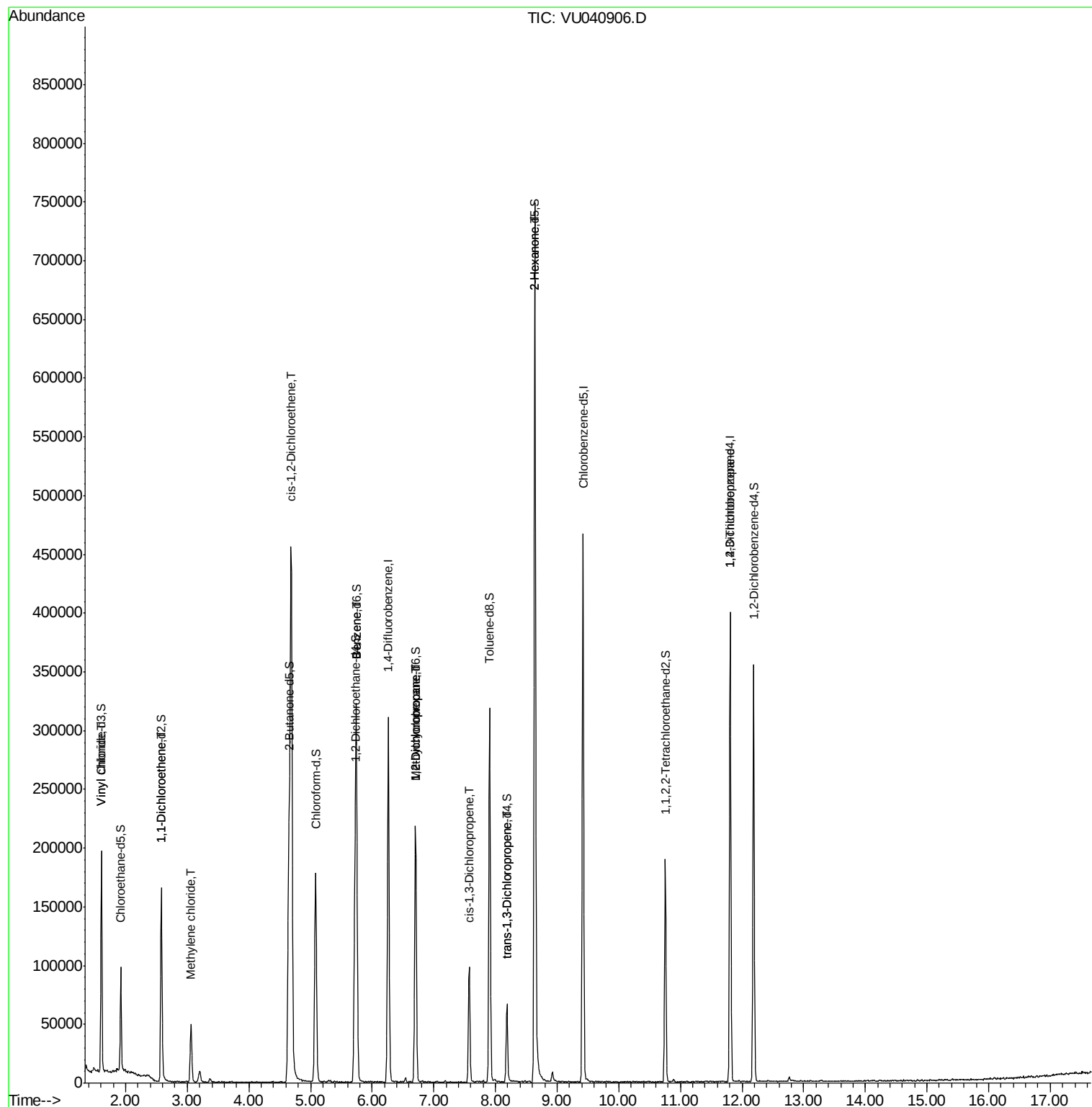
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	70386	3.098	ug/L	98
12) 1,1-Dichloroethene	2.58	96	978	0.060	ug/L #	1
16) Methylene chloride	3.06	84	20772	1.040	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	200326	10.830	ug/L	98
33) Benzene	5.74	78	2714	0.036	ug/L	100
35) Methylcyclohexane	6.70	83	22038	0.764	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11572	0.566	ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	2620	0.096	ug/L #	82
44) trans-1,3-Dichloropropene	8.19	75	1971	0.080	ug/L	86
48) 2-Hexanone	8.64	43	32234	3.231	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	13522	1.018	ug/L	90

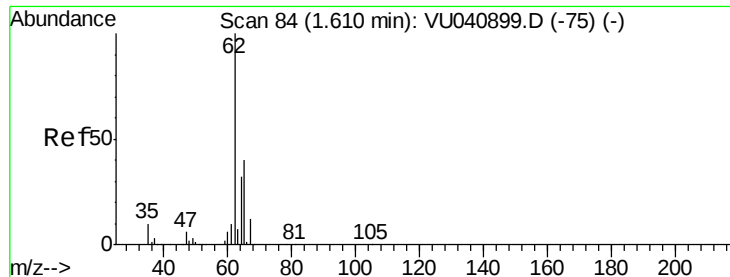
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102120\
Data File : VU040906.D
Acq On : 22 Oct 2020 14:54
Operator : SY/MD
Sample : L4447-02DL2 400X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZ56DL2

Quant Time: Oct 22 23:26:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 23:17:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.098 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

Instrument :

MSVOA_U

ClientSampleId :

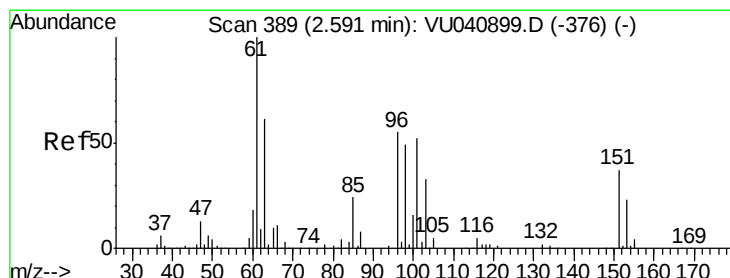
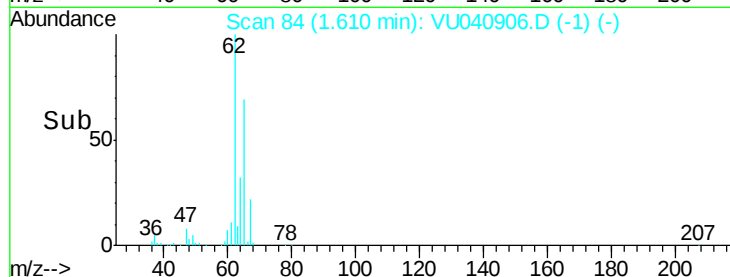
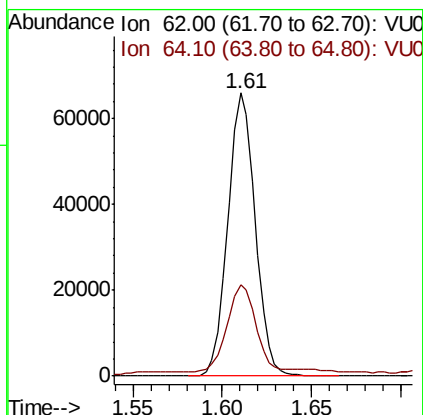
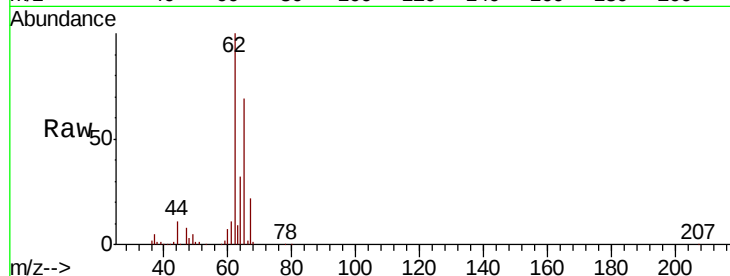
ETZ56DL2

Tot Ion: 62 Resp: 70386

Ion Ratio Lower Upper

62 100

64 32.2 21.8 40.6



#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

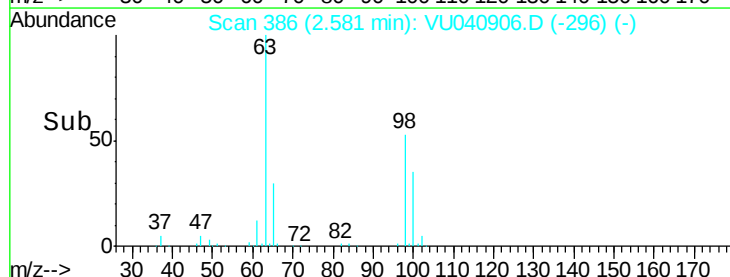
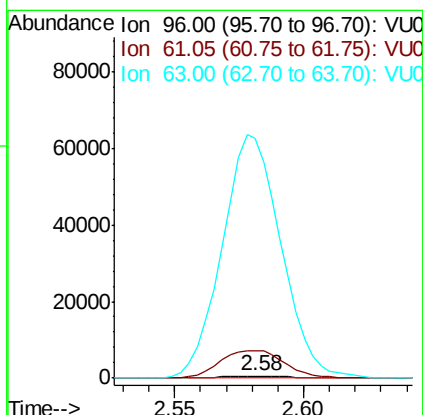
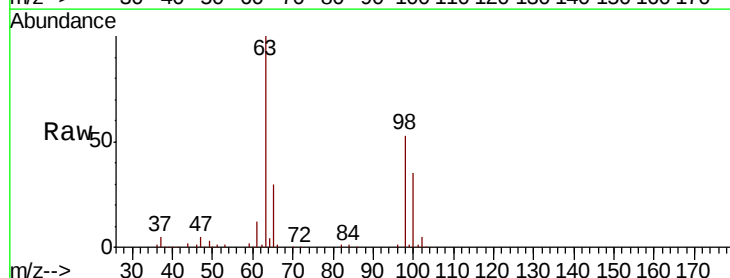
Tgt Ion: 96 Resp: 978

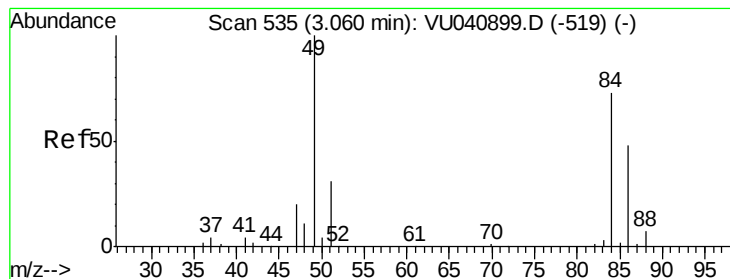
Ion Ratio Lower Upper

96 100

61 1464.5 130.9 243.1#

63 12609.7 85.4 158.6#





#16

Methylene chloride

Concen: 1.040 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

Instrument :

MSVOA_U

ClientSampleID :

ETZ56DL2

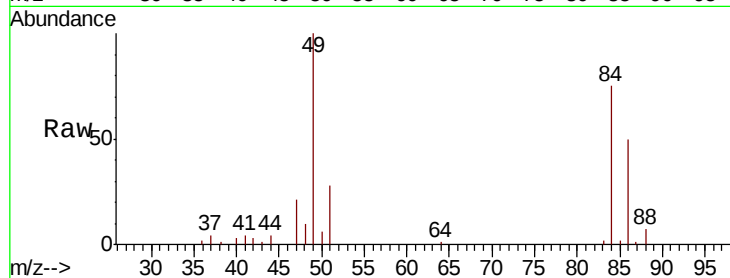
Tot Ion: 84 Resp: 20772

Ion Ratio Lower Upper

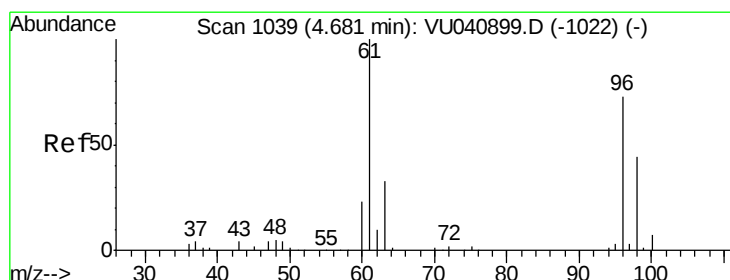
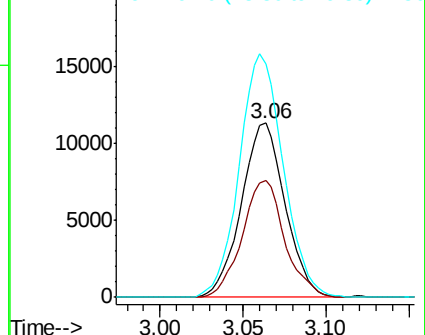
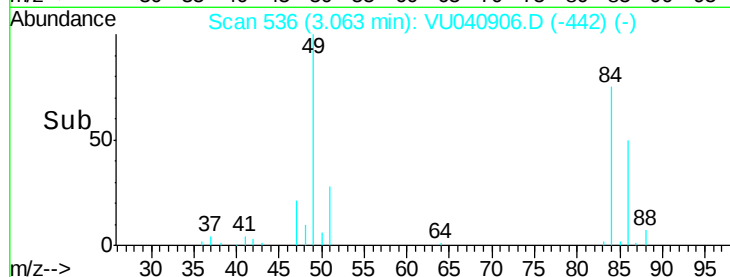
84 100

86 67.1 44.9 83.5

49 134.0 94.7 175.9



Abundance Ion 84.05 (83.75 to 84.75): VU040906.D (-442) (-)



#22

cis-1,2-Dichloroethene

Concen: 10.830 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

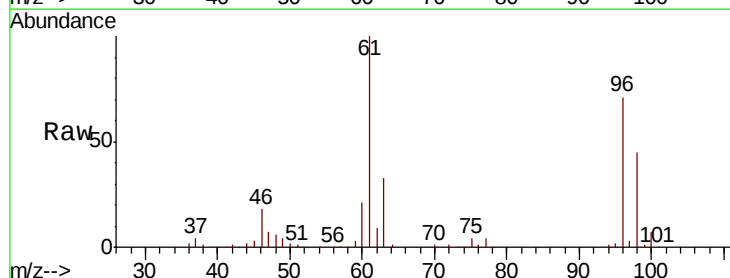
Tgt Ion: 96 Resp: 200326

Ion Ratio Lower Upper

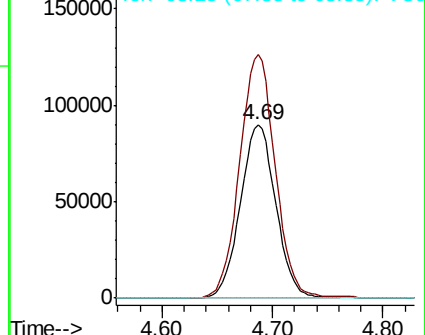
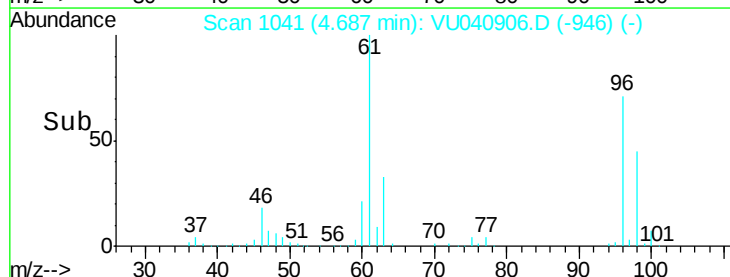
96 100

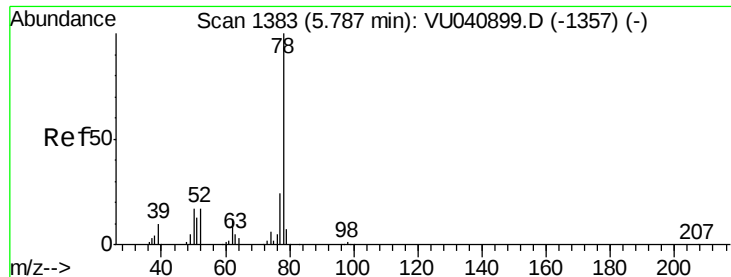
61 140.0 100.0 185.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040906.D (-946) (-)





#33

Benzene

Concen: 0.036 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

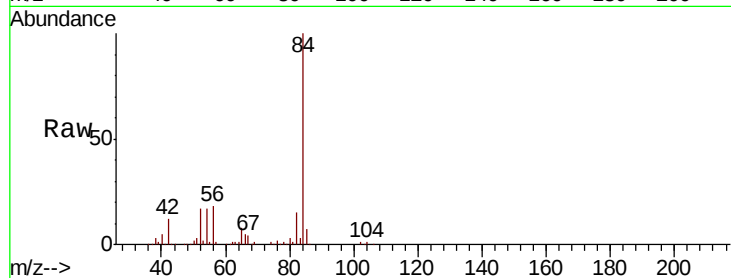
Instrument :

MSVOA_U

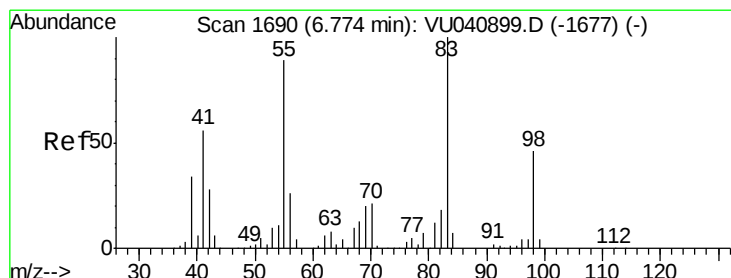
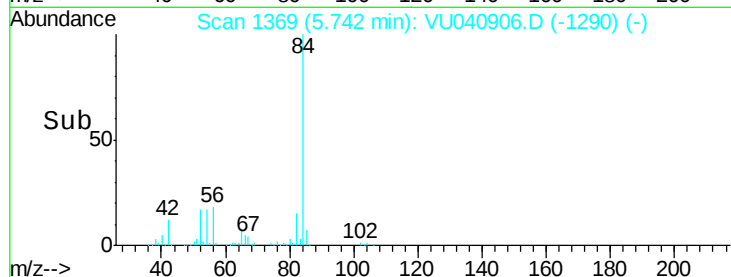
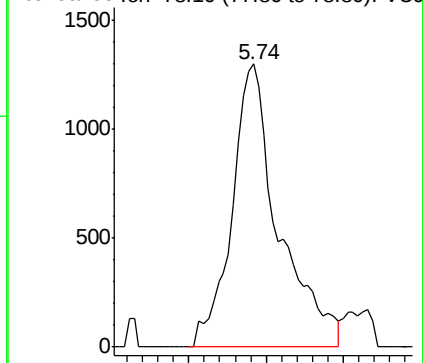
ClientSampled :

ETZ56DL2

Tgt Ion: 78 Resp: 2714



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

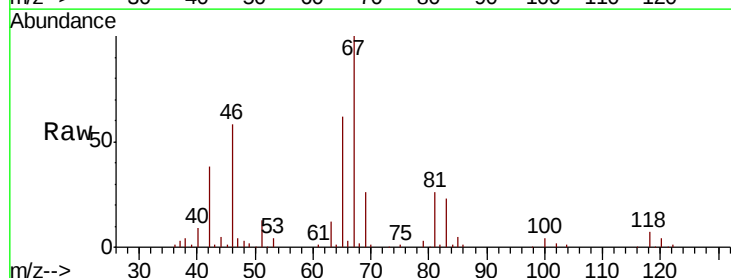
Tgt Ion: 83 Resp: 22038

Ion Ratio Lower Upper

83 100

55 0.0 69.1 103.7#

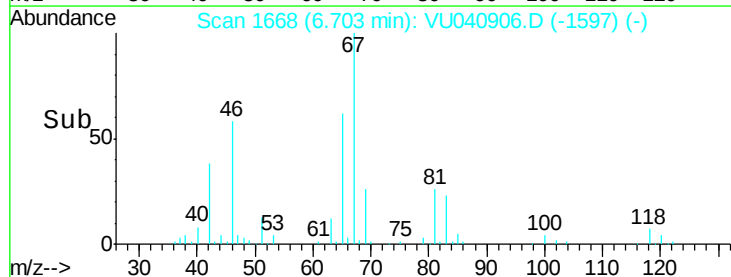
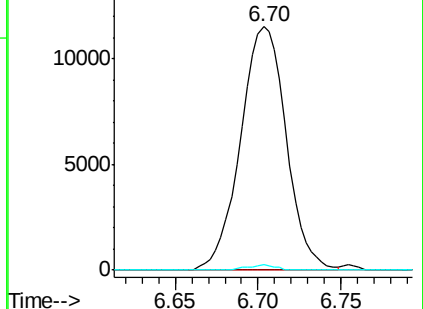
98 1.3 37.8 56.6#

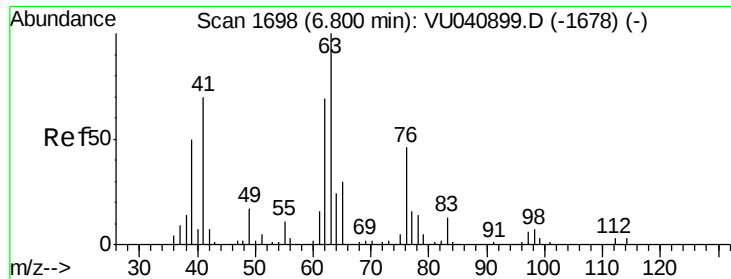


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

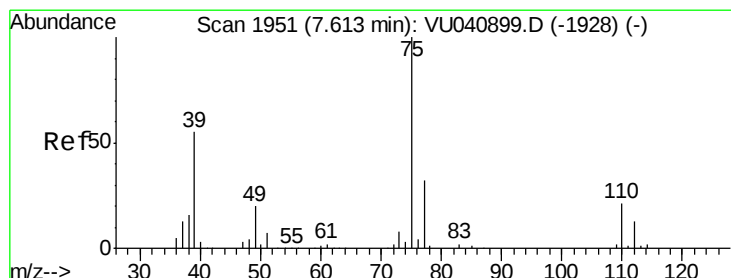
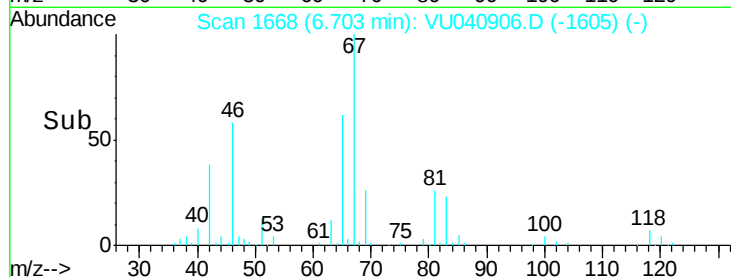
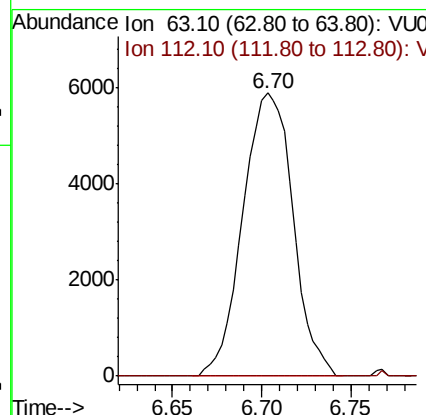
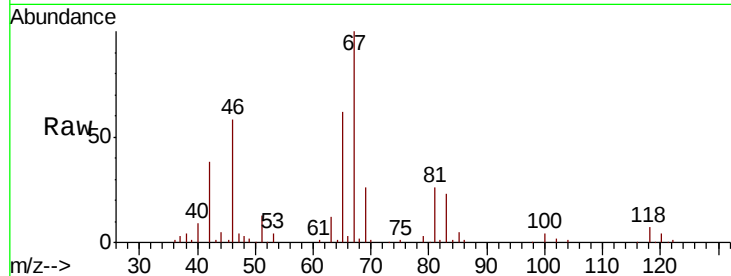




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040906.D
 Acq: 22 Oct 2020 14:54

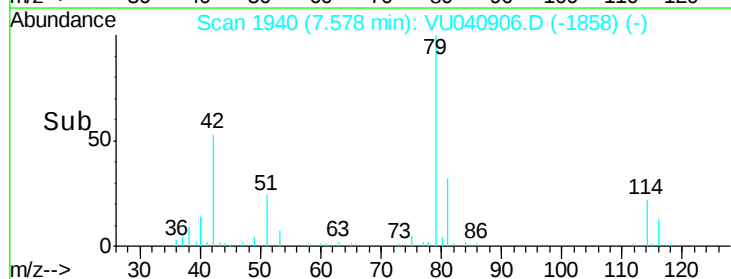
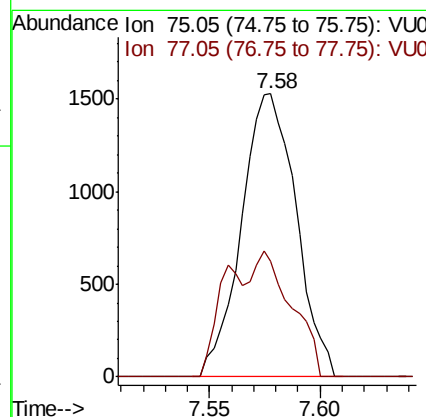
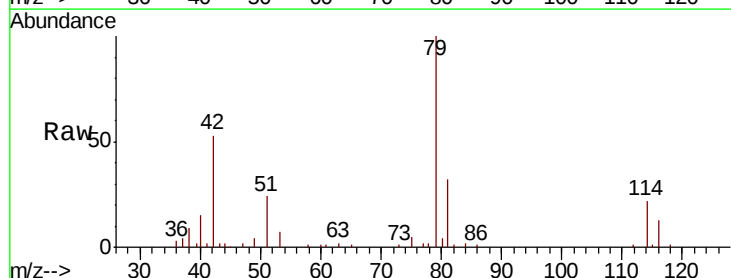
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ56DL2

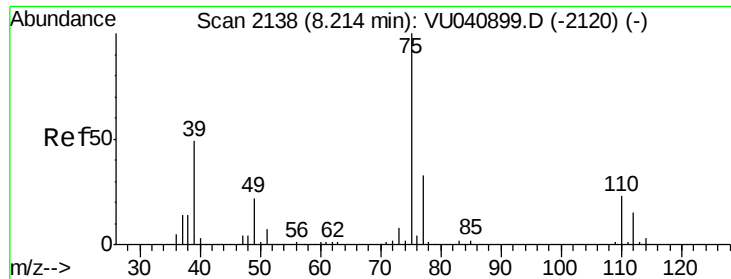
Tot Ion: 63 Resp: 11572
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040906.D
 Acq: 22 Oct 2020 14:54

Tgt Ion: 75 Resp: 2620
 Ion Ratio Lower Upper
 75 100
 77 40.9 21.6 40.2#

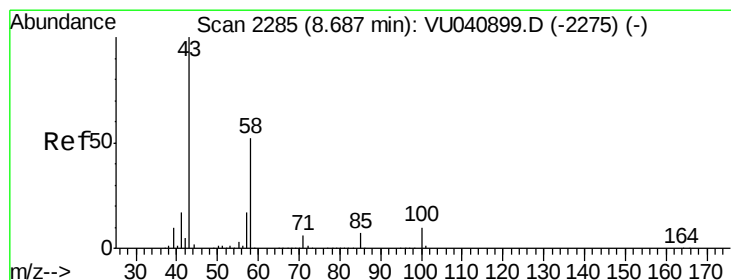
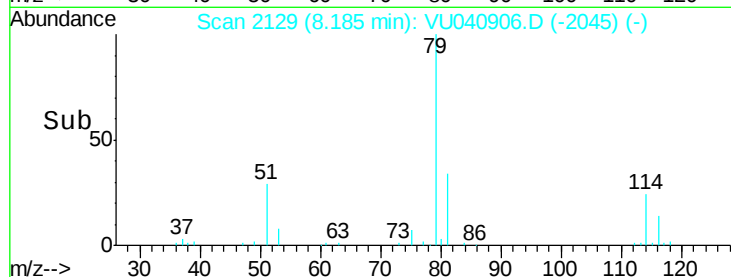
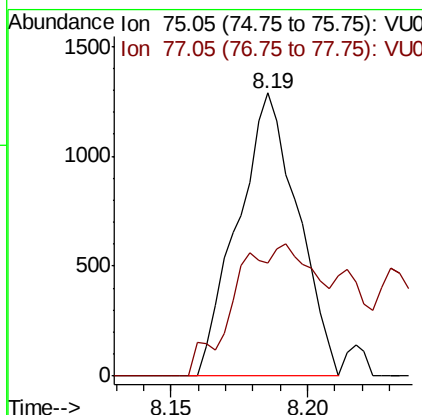
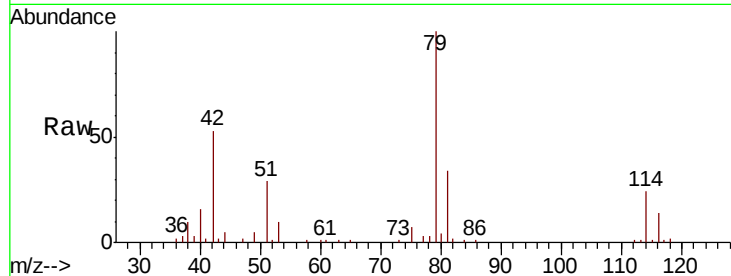




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040906.D
Acq: 22 Oct 2020 14:54

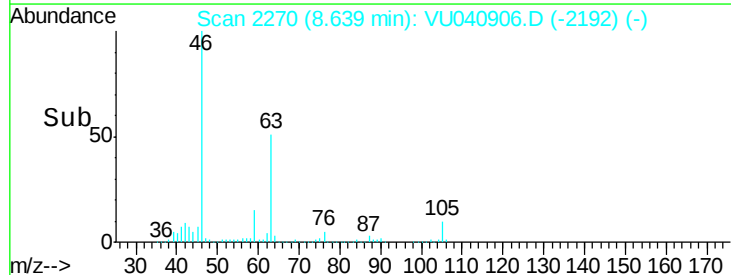
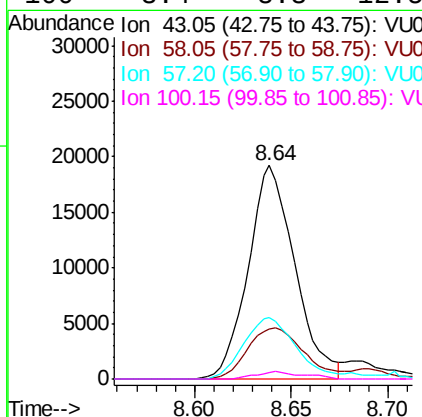
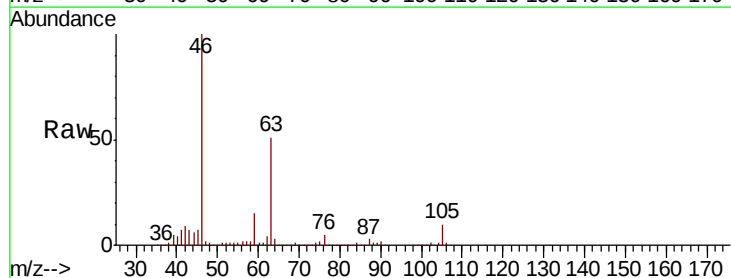
Instrument :
MSVOA_U
ClientSampleId :
ETZ56DL2

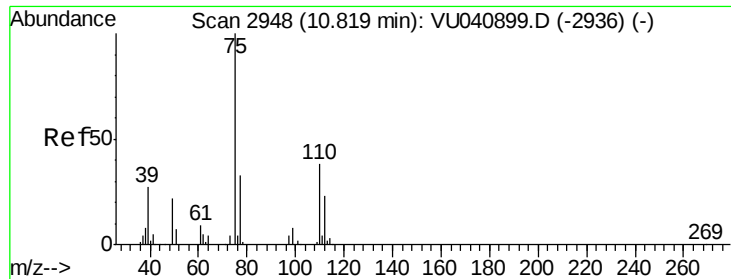
Tot Ion: 75 Resp: 1971
Ion Ratio Lower Upper
75 100
77 40.0 22.6 42.0



#48
2-Hexanone
Concen: 3.231 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040906.D
Acq: 22 Oct 2020 14:54

Tgt Ion: 43 Resp: 32234
Ion Ratio Lower Upper
43 100
58 28.6 40.9 61.3#
57 33.6 14.4 21.6#
100 3.4 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 1.018 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040906.D

Acq: 22 Oct 2020 14:54

Instrument :

MSVOA_U

ClientSampleId :

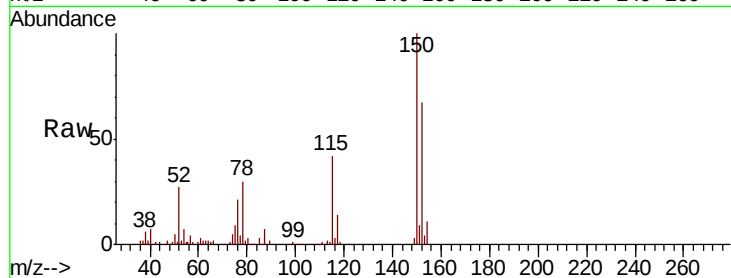
ETZ56DL2

Tot Ion: 75 Resp: 13522

Ion Ratio Lower Upper

75 100

77 40.0 27.5 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

