

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041297.D
 Acq On : 17 Nov 2020 23:50
 Operator : SY/MD
 Sample : L4759-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4413DL

Quant Time: Nov 18 00:50:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23826	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.92	69	20664	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	36445	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.66	46	96888	50.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	5.08	84	52068	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	32027	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	87293	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	30745	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	70393	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	11623	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	68532	48.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29336	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	28340	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

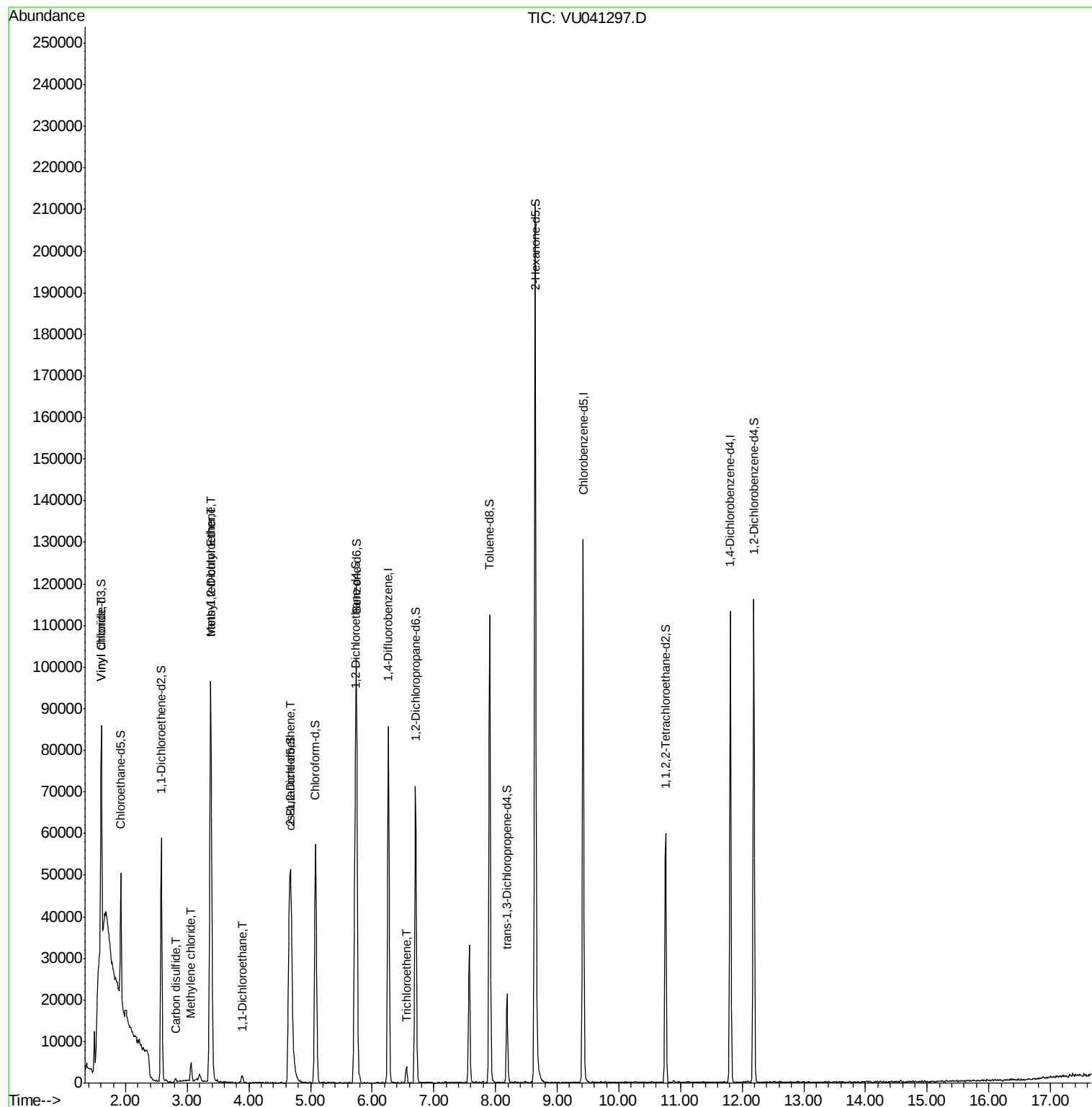
					Ovalue
5) Vinyl chloride	1.61	62	6634	1.217 ug/L #	1
14) Carbon disulfide	2.81	76	1414	0.118 ug/L #	74
16) Methylene chloride	3.06	84	2114	0.412 ug/L	85
17) Methyl tert-butyl Ether	3.38	73	99340	8.874 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	992	0.249 ug/L	92
19) 1,1-Dichloroethane	3.88	63	2620	0.294 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	8439	1.876 ug/L	93
34) Trichloroethene	6.56	95	1500	0.307 ug/L	90

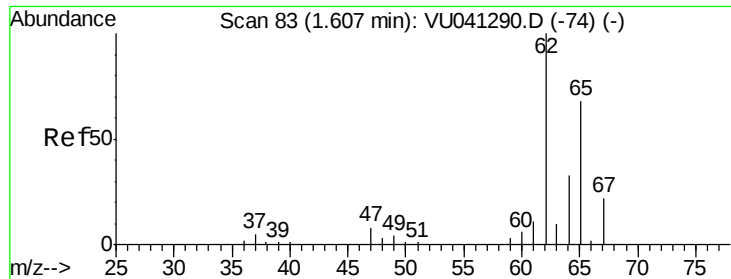
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.217 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041297.D

Acq: 17 Nov 2020 23:50

Instrument :

MSVOA_U

ClientSampleID :

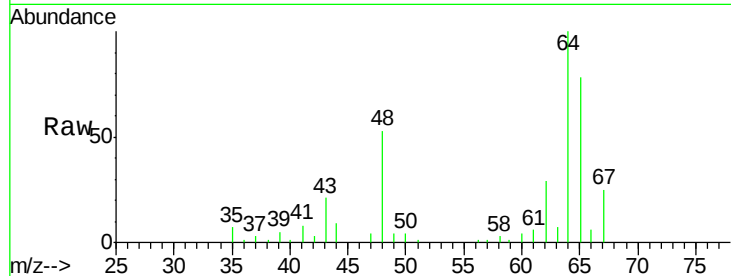
H4413DL

Tot Ion: 62 Resp: 6634

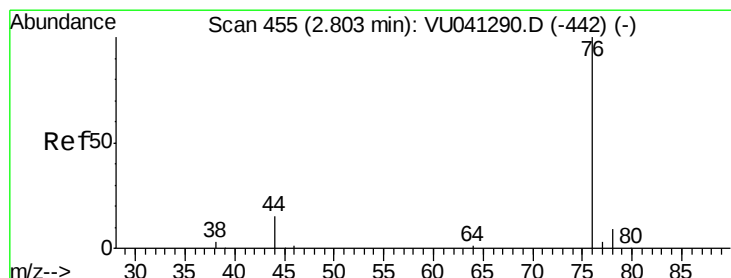
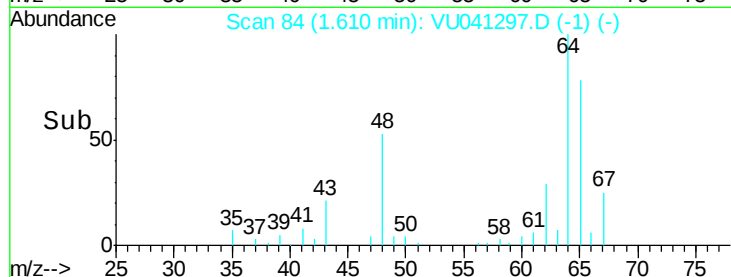
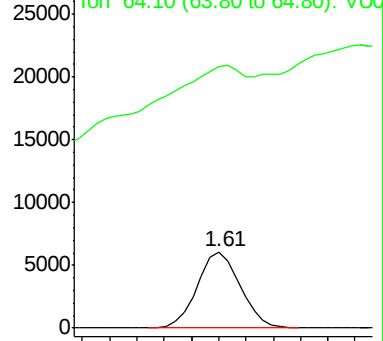
Ion Ratio Lower Upper

62 100

64 342.2 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU041297.D (-74) (-)



#14

Carbon disulfide

Concen: 0.118 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: VU041297.D

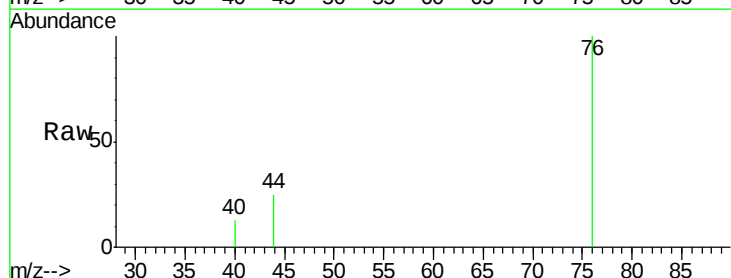
Acq: 17 Nov 2020 23:50

Tgt Ion: 76 Resp: 1414

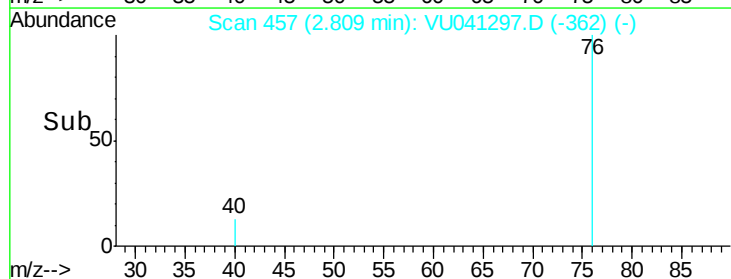
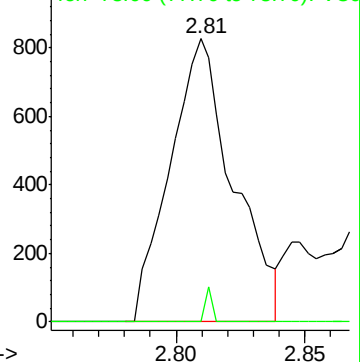
Ion Ratio Lower Upper

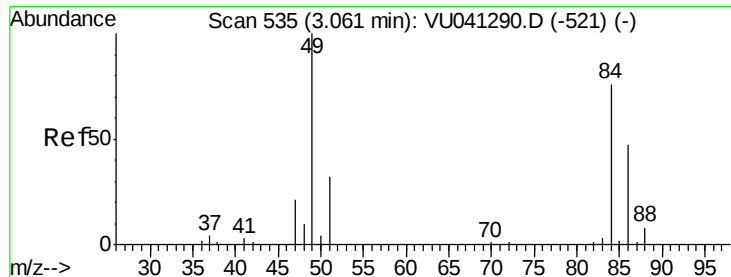
76 100

78 0.0 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU041297.D (-442) (-)

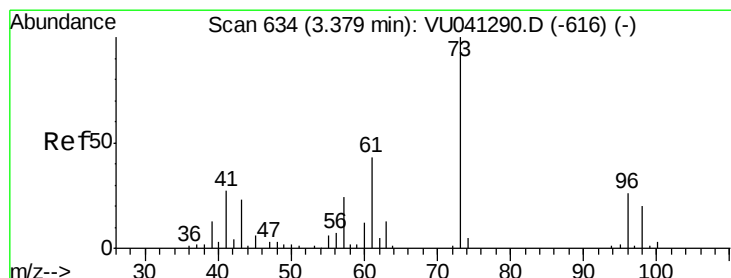
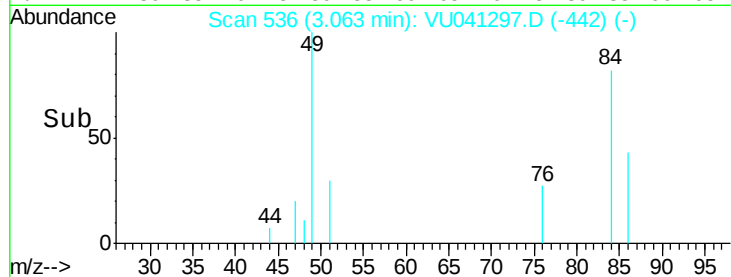
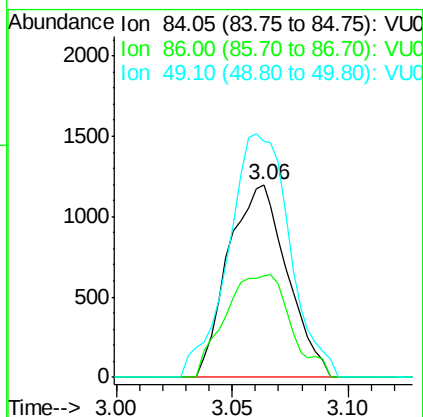
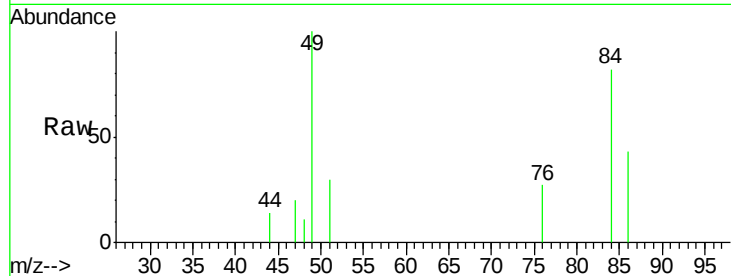




#16
Methvlene chloride
Concen: 0.412 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041297.D
Acq: 17 Nov 2020 23:50

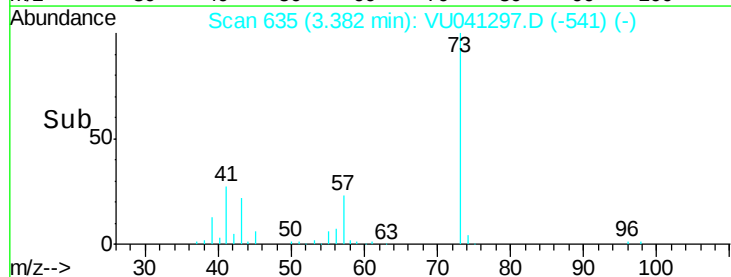
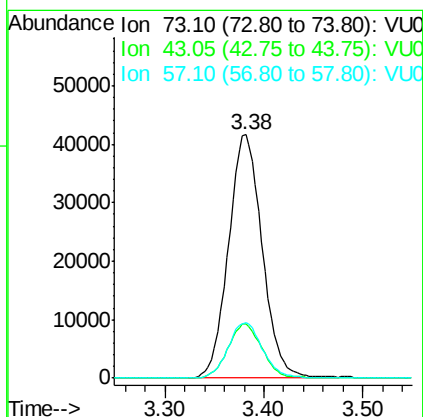
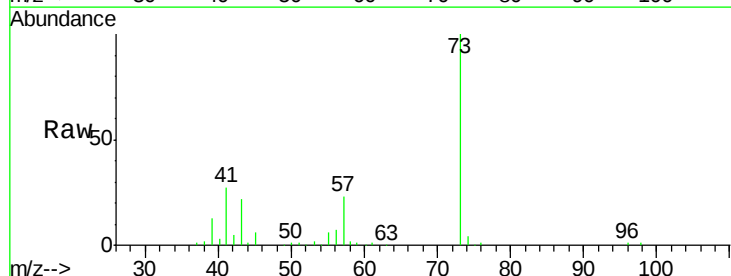
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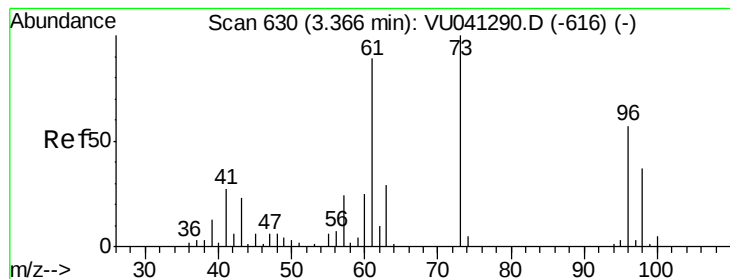
Tot Ion: 84 Resp: 2114
Ion Ratio Lower Upper
84 100
86 52.4 42.8 79.6
49 122.5 99.5 184.7



#17
Methyl tert-butyl Ether
Concen: 8.874 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041297.D
Acq: 17 Nov 2020 23:50

Tgt Ion: 73 Resp: 99340
Ion Ratio Lower Upper
73 100
43 22.4 18.5 27.7
57 23.2 18.4 27.6





#18

trans-1,2-Dichloroethene

Concen: 0.249 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041297.D

Acq: 17 Nov 2020 23:50

Instrument :

MSVOA_U

ClientSampleId :

H4413DL

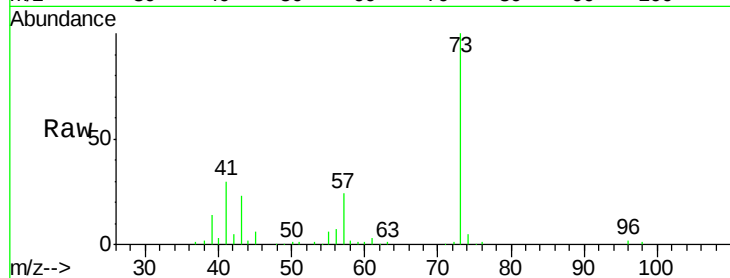
Tot Ion: 96 Resp: 992

Ion Ratio Lower Upper

96 100

61 171.1 110.9 205.9

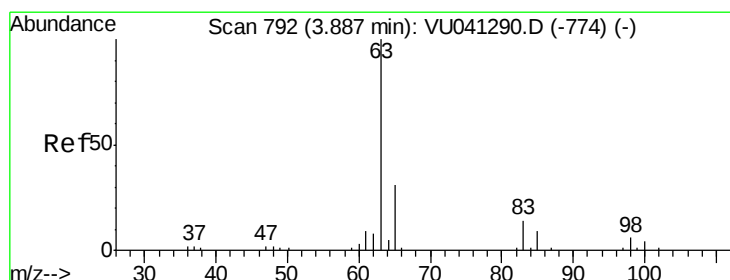
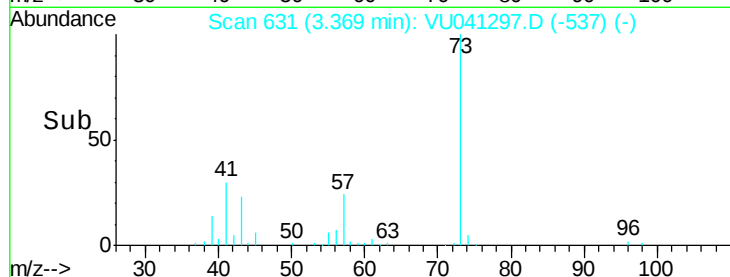
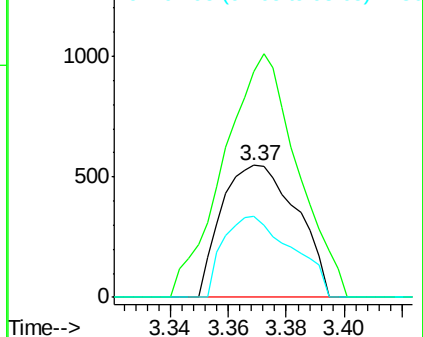
98 61.2 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#19

1,1-Dichloroethane

Concen: 0.294 ug/L

RT: 3.88 min Scan# 791

Delta R.T. -0.00 min

Lab File: VU041297.D

Acq: 17 Nov 2020 23:50

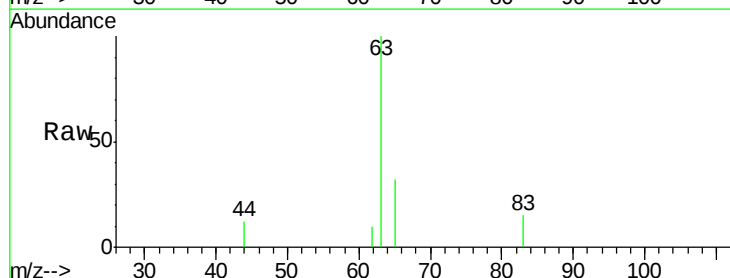
Tgt Ion: 63 Resp: 2620

Ion Ratio Lower Upper

63 100

65 31.7 21.3 39.6

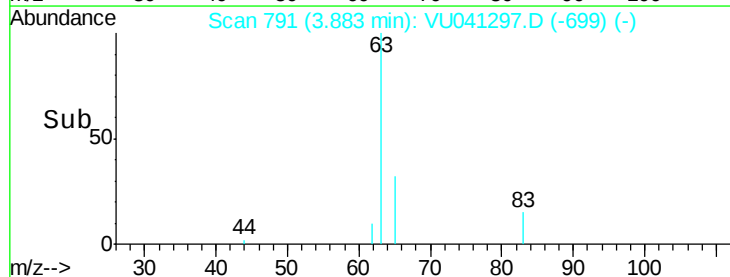
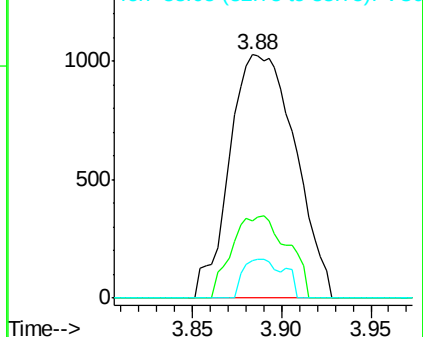
83 15.5 8.8 16.3

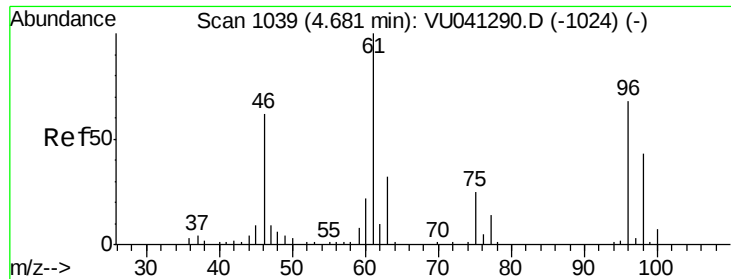


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

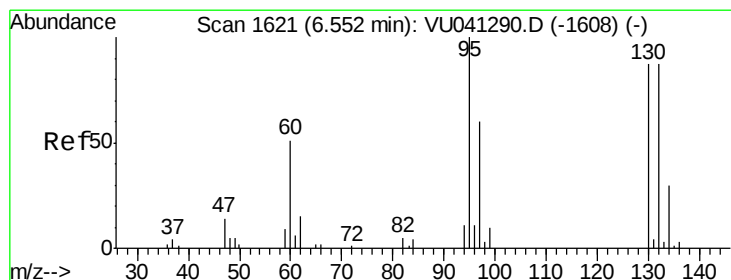
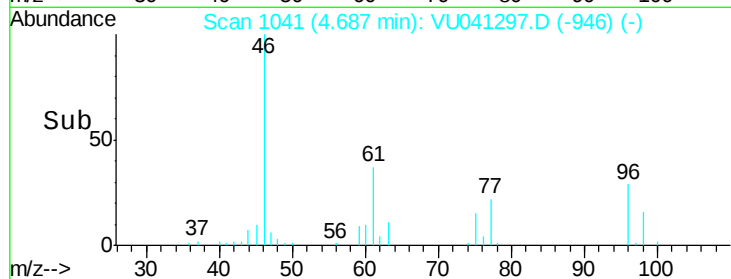
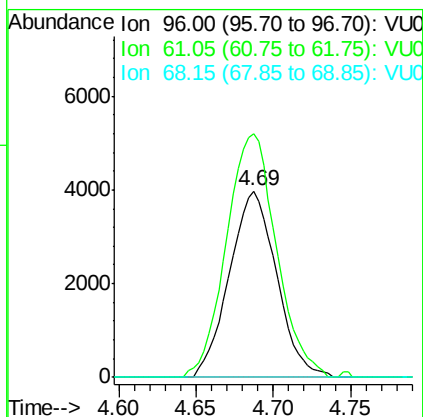
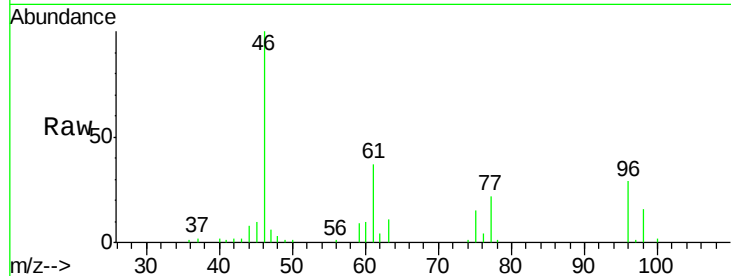




#22
 cis-1,2-Dichloroethene
 Concen: 1.876 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VU041297.D
 Acq: 17 Nov 2020 23:50

Instrument :
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 ClientSampleId :
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Tot Ion: 96 Resp: 8439
 Ion Ratio Lower Upper
 96 100
 61 130.7 97.2 180.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.307 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041297.D
 Acq: 17 Nov 2020 23:50

Tgt Ion: 95 Resp: 1500
 Ion Ratio Lower Upper
 95 100
 97 53.6 45.6 84.6
 132 85.6 64.8 120.4
 130 84.7 64.8 120.4

