

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111720\
 Data File : VU041279.D
 Acq On : 17 Nov 2020 14:26
 Operator : SY/MD
 Sample : L4759-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4417DL

Quant Time: Nov 17 23:13:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25561	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.92	69	22203	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	37959	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.65	46	99773	49.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	5.08	84	54011	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	33887	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.74	84	97490	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	34017	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	79515	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	13902	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.64	63	68540	46.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29140	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	29931	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

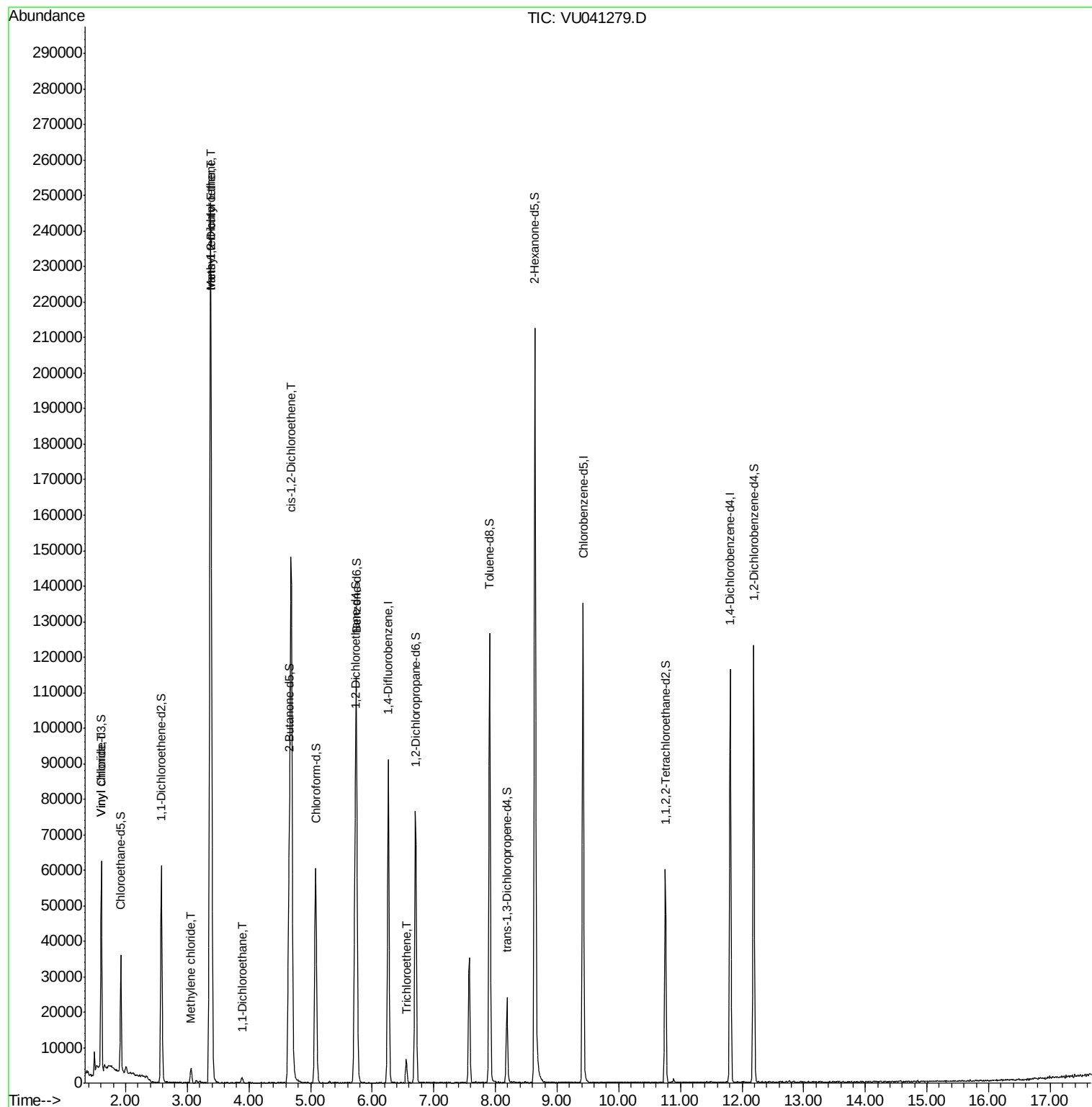
					Ovalue
5) Vinyl chloride	1.61	62	8449	1.469 ug/L #	55
16) Methylene chloride	3.06	84	1793	0.331 ug/L	88
17) Methyl tert-butyl Ether	3.38	73	212974	18.033 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	19218	4.574 ug/L	96
19) 1,1-Dichloroethane	3.89	63	1921	0.205 ug/L #	75
22) cis-1,2-Dichloroethene	4.69	96	62773	13.229 ug/L	94
34) Trichloroethene	6.56	95	2083	0.413 ug/L	98

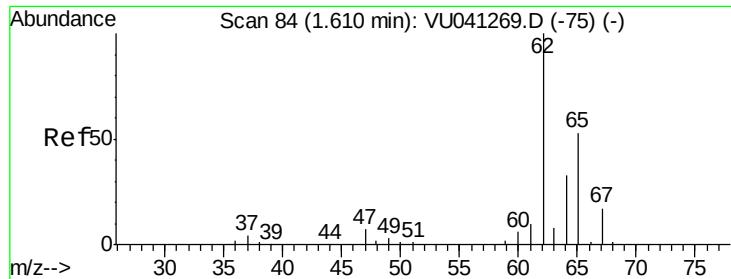
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.469 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041279.D

Acq: 17 Nov 2020 14:26

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MSVOA_U

ClientSampleID :

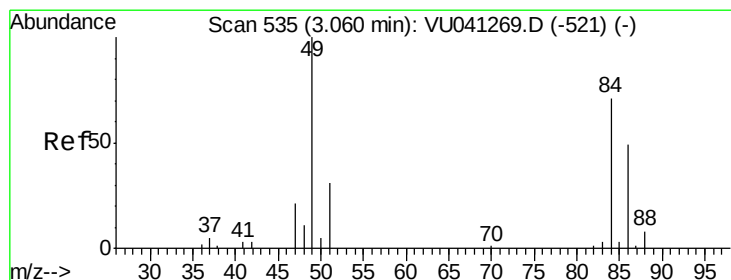
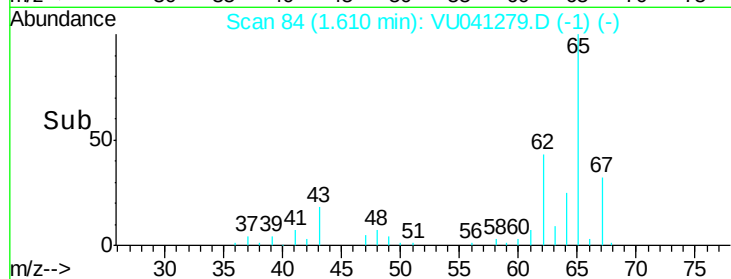
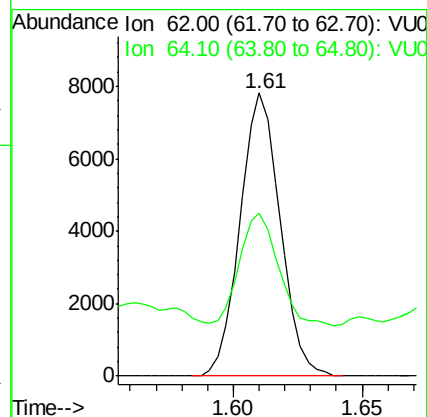
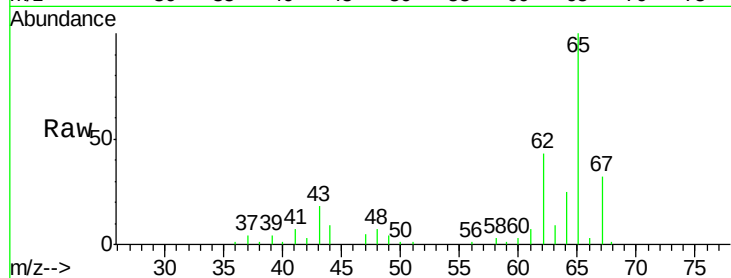
H4417DL

Tot Ion: 62 Resp: 8449

Ion Ratio Lower Upper

62 100

64 57.5 22.7 42.3#



#16

Methylene chloride

Concen: 0.331 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041279.D

Acq: 17 Nov 2020 14:26

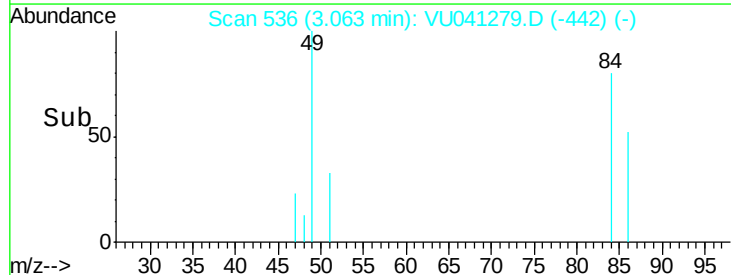
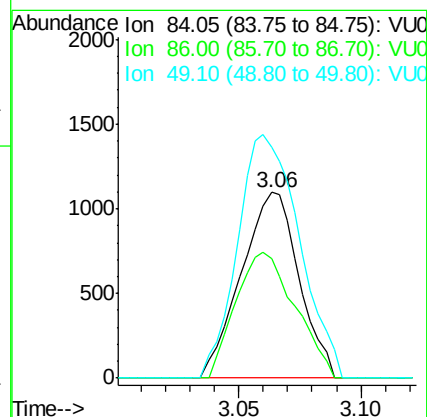
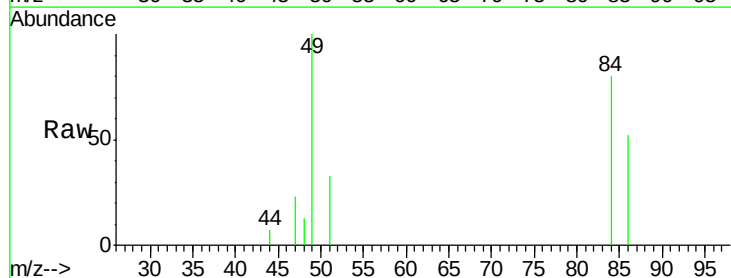
Tgt Ion: 84 Resp: 1793

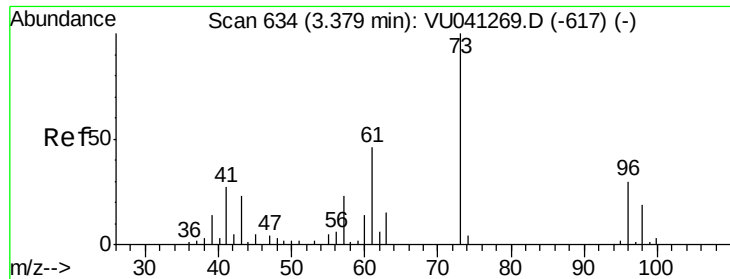
Ion Ratio Lower Upper

84 100

86 64.7 42.8 79.6

49 124.3 99.5 184.7

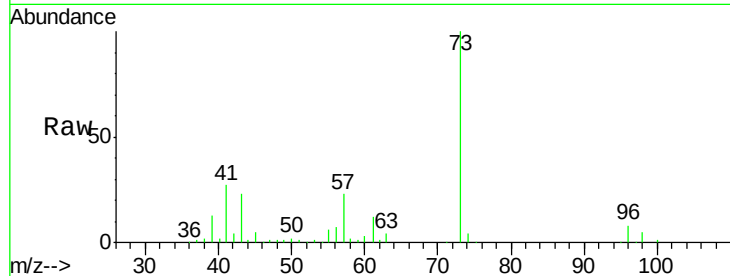




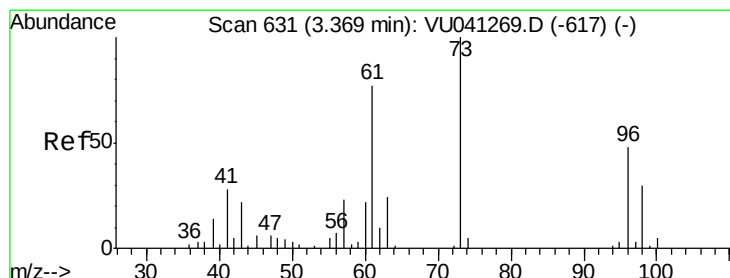
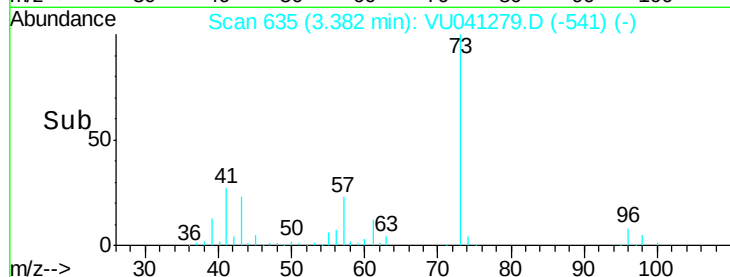
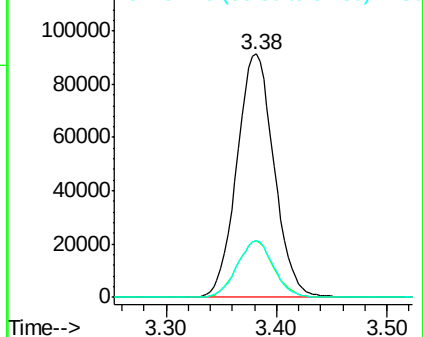
#17
Methyl tert-butyl Ether
Concen: 18.033 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Instrument :
MSVOA_U
ClientSampleID :
H4417DL

Tot Ion: 73 Resp: 212974
Ion Ratio Lower Upper
73 100
43 22.7 18.5 27.7
57 23.0 18.4 27.6

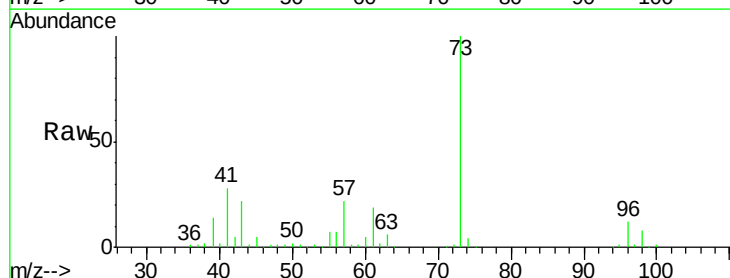


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

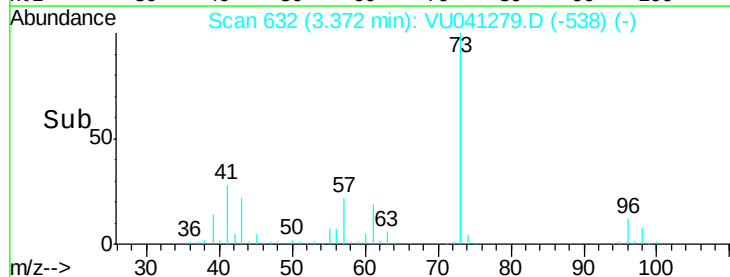
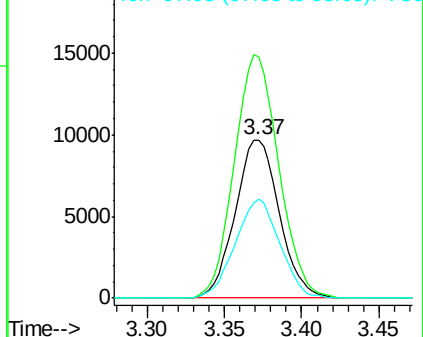


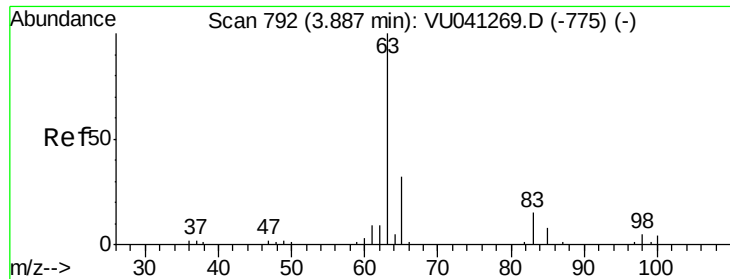
#18
trans-1,2-Dichloroethene
Concen: 4.574 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041279.D
Acq: 17 Nov 2020 14:26

Tgt Ion: 96 Resp: 19218
Ion Ratio Lower Upper
96 100
61 152.3 110.9 205.9
98 62.3 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

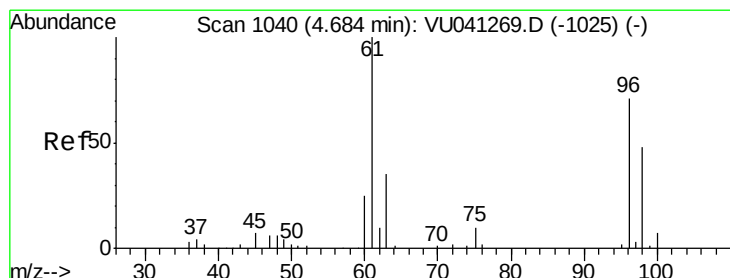
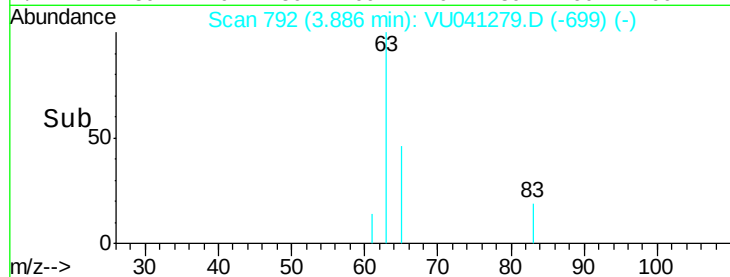
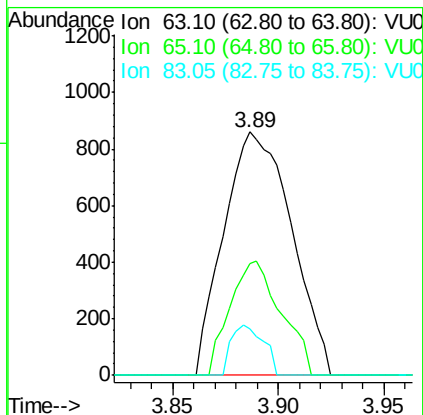
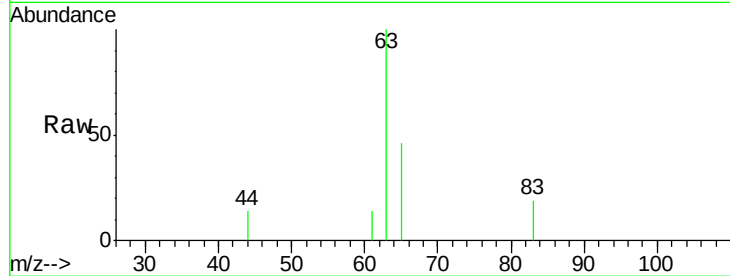




#19
 1,1-Dichloroethane
 Concen: 0.205 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU041279.D
 Acq: 17 Nov 2020 14:26

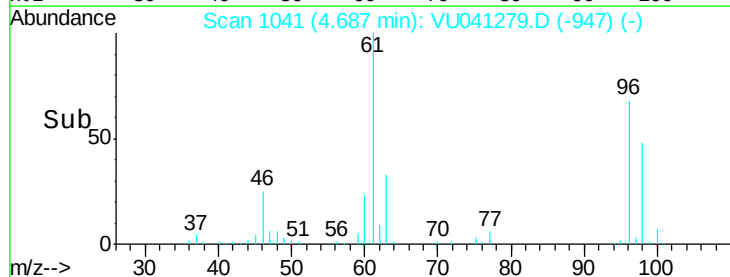
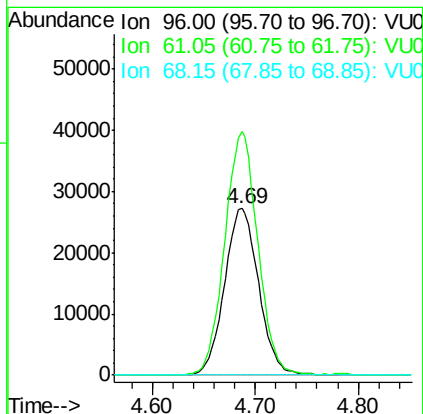
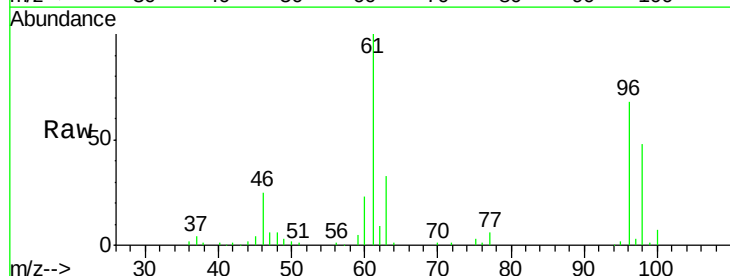
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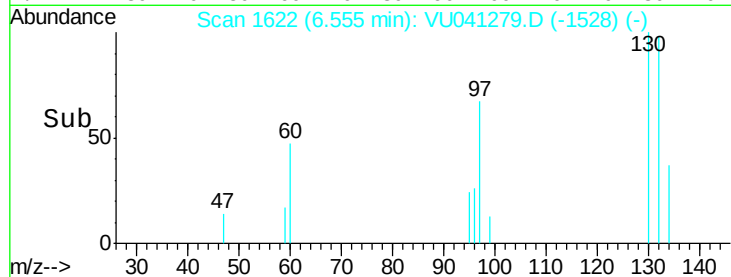
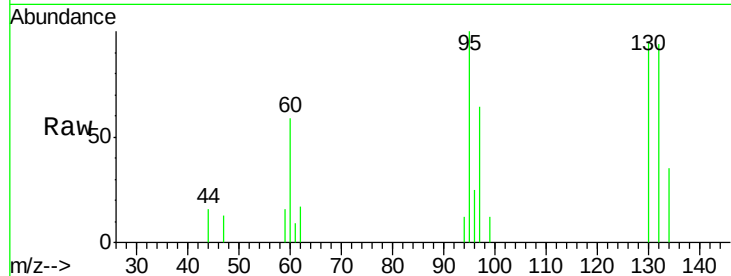
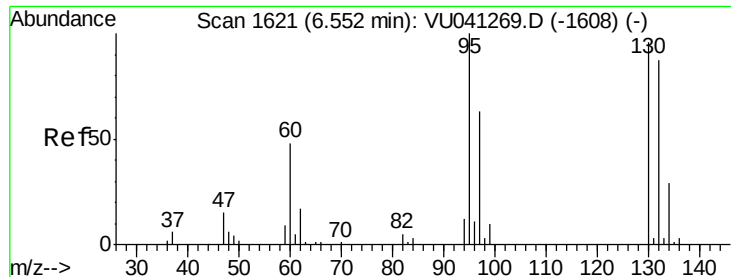
Tot Ion: 63 Resp: 1921
 Ion Ratio Lower Upper
 63 100
 65 45.9 21.3 39.6#
 83 19.0 8.8 16.3#



#22
 cis-1,2-Dichloroethene
 Concen: 13.229 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041279.D
 Acq: 17 Nov 2020 14:26

Tgt Ion: 96 Resp: 62773
 Ion Ratio Lower Upper
 96 100
 61 146.3 97.2 180.4
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.413 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041279.D

Acq: 17 Nov 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

H4417DL

Tot Ion: 95 Resp: 2083

Ion Ratio Lower Upper

95 100

97 63.7 45.6 84.6

132 93.9 64.8 120.4

130 95.5 64.8 120.4

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

