

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041303.D
 Acq On : 18 Nov 2020 02:12
 Operator : SY/MD
 Sample : L4759-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4415

Quant Time: Nov 18 06:26:57 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	64876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22470	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.92	69	20068	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.58	63	33138	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.66	46	94551	48.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	5.08	84	49423	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	31255	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.74	84	84957	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	29560	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	71799	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	11657	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.64	63	65157	45.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27032	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	26006	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

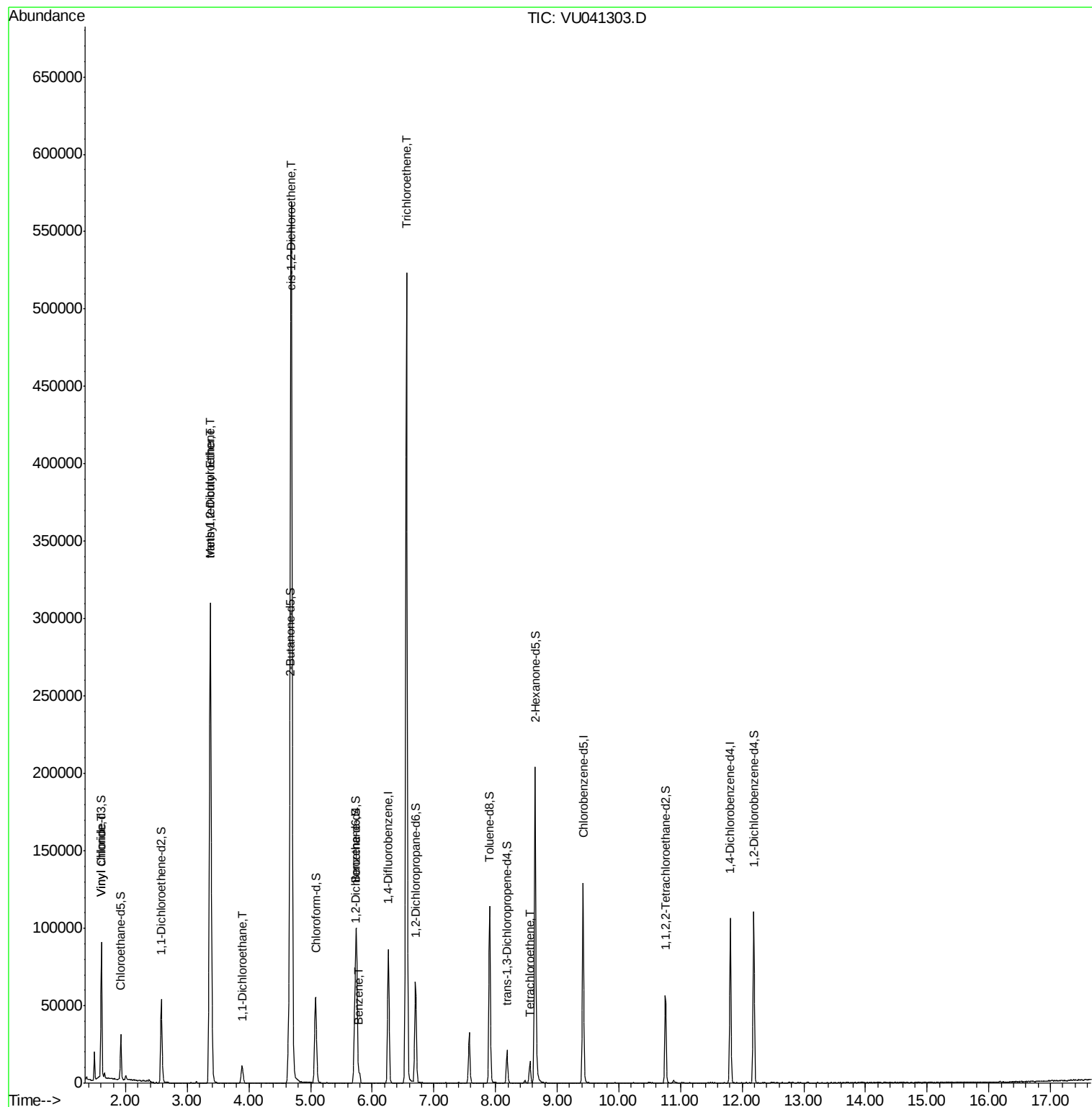
					Ovalue
5) Vinyl chloride	1.61	62	32036	5.688	ug/L 92
17) Methyl tert-butyl Ether	3.38	73	132885	11.494	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	79379	19.299	ug/L 98
19) 1,1-Dichloroethane	3.89	63	13243	1.440	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	268302	57.759	ug/L 95
33) Benzene	5.79	78	5947	0.331	ug/L 100
34) Trichloroethene	6.56	95	175412	36.077	ug/L 98
47) Tetrachloroethene	8.56	164	3192	0.888	ug/L 85

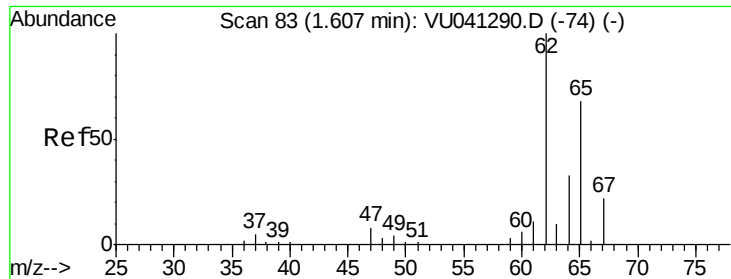
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041303.D
Acq On : 18 Nov 2020 02:12
Operator : SY/MD
Sample : L4759-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4415

Quant Time: Nov 18 06:26:57 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





#5

Vinyl chloride

Concen: 5.688 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041303.D

Acq: 18 Nov 2020 02:12

Instrument :

MSVOA_U

ClientSampleId :

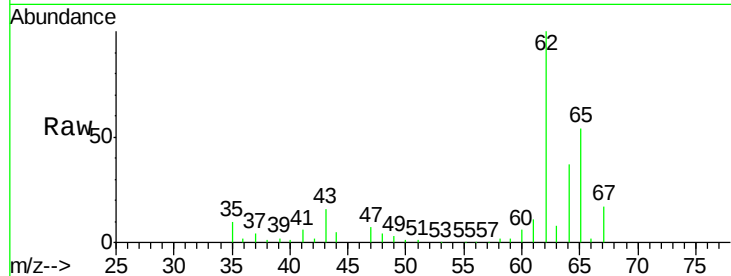
H4415

Tot Ion: 62 Resp: 32036

Ion Ratio Lower Upper

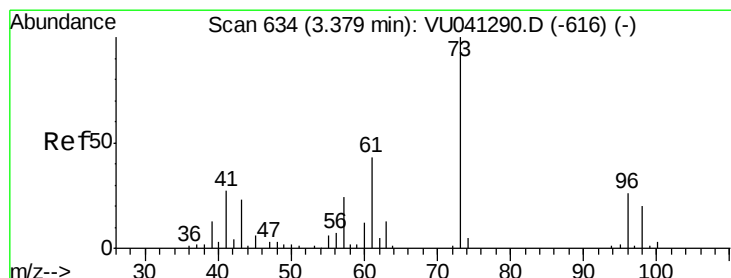
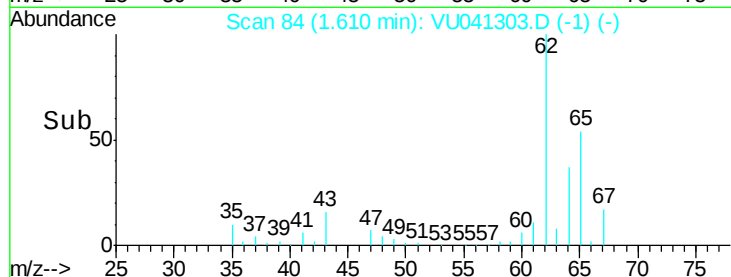
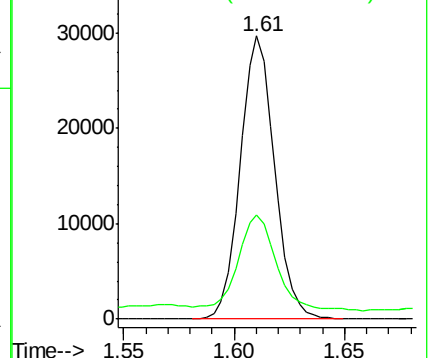
62 100

64 36.8 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 11.494 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU041303.D

Acq: 18 Nov 2020 02:12

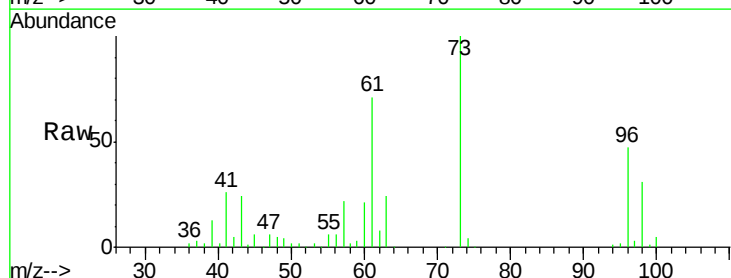
Tgt Ion: 73 Resp: 132885

Ion Ratio Lower Upper

73 100

43 23.6 18.5 27.7

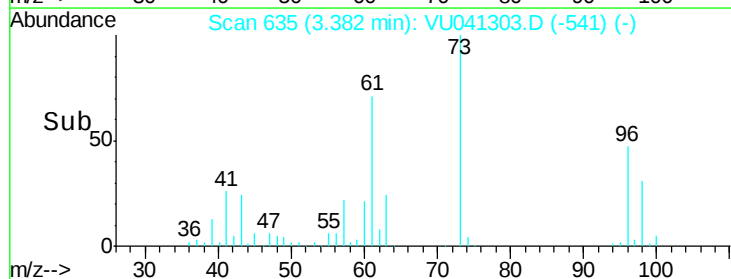
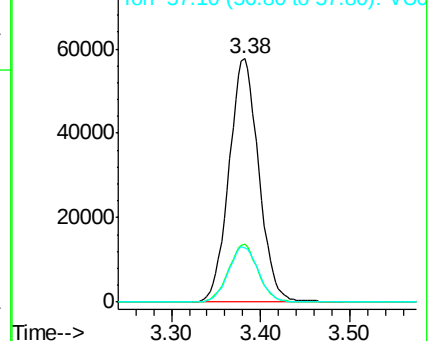
57 23.1 18.4 27.6

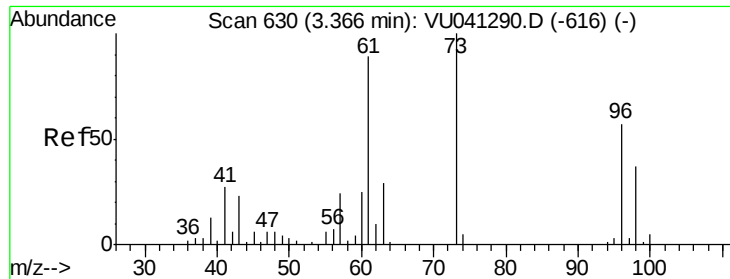


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

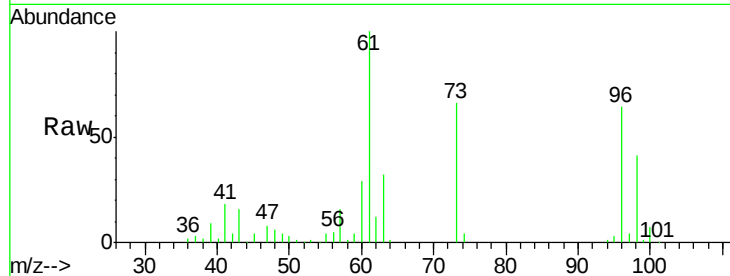




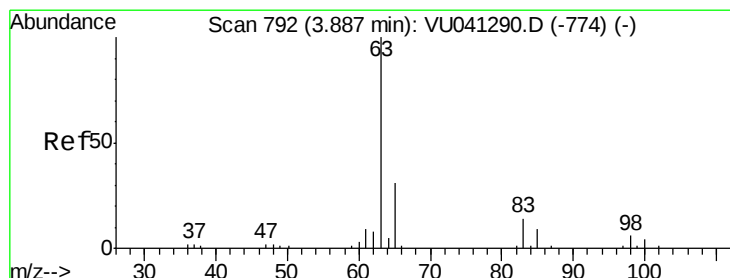
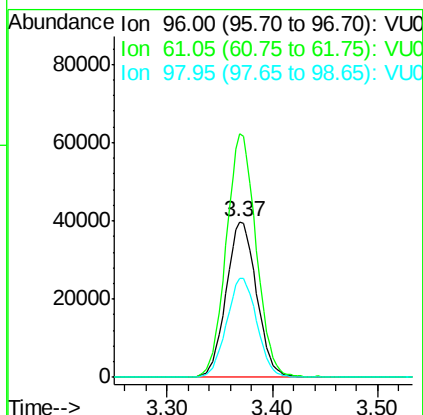
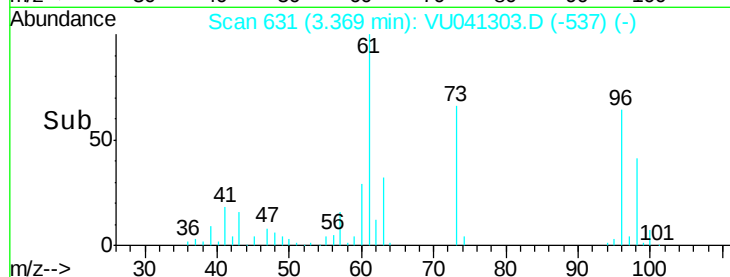
#18
 trans-1,2-Dichloroethene
 Concen: 19.299 ug/L
 RT: 3.37 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VU041303.D
 Acq: 18 Nov 2020 02:12

Instrument :
 MSVOA_U
 ClientSampleId :
 H4415

Tot Ion: 96 Resp: 79379
 Ion Ratio Lower Upper
 96 100
 61 156.1 110.9 205.9
 98 63.4 45.4 84.2

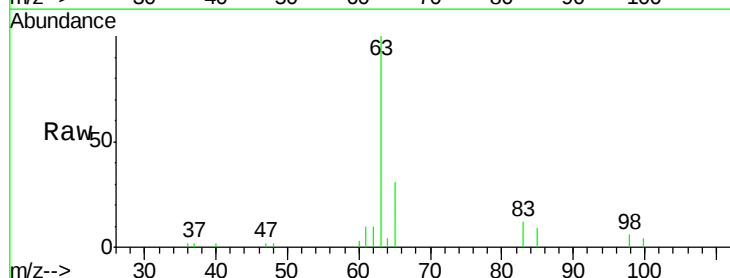


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

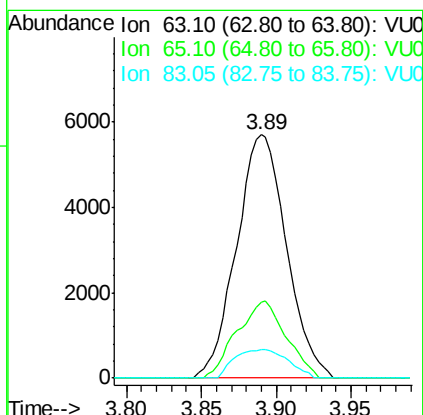
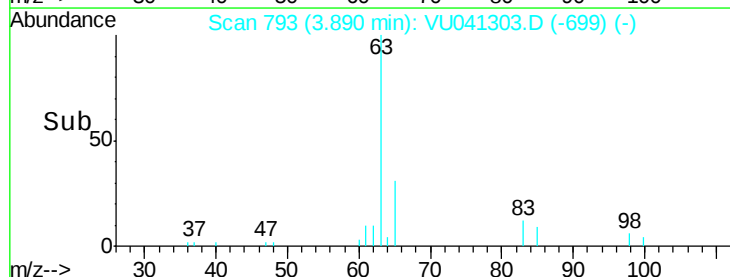


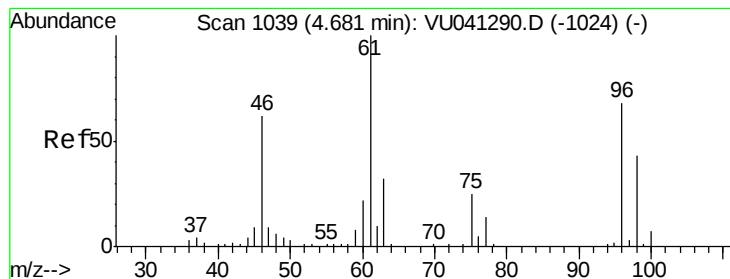
#19
 1,1-Dichloroethane
 Concen: 1.440 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU041303.D
 Acq: 18 Nov 2020 02:12

Tgt Ion: 63 Resp: 13243
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.3 39.6
 83 11.5 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: 57.759 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041303.D

Acq: 18 Nov 2020 02:12

Instrument :

MSVOA_U

ClientSampleId :

H4415

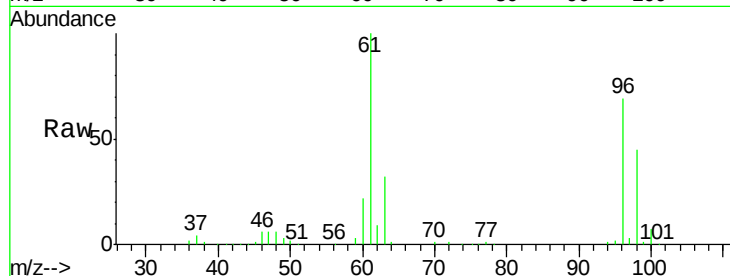
Tot Ion: 96 Resp: 268302

Ion Ratio Lower Upper

96 100

61 144.4 97.2 180.4

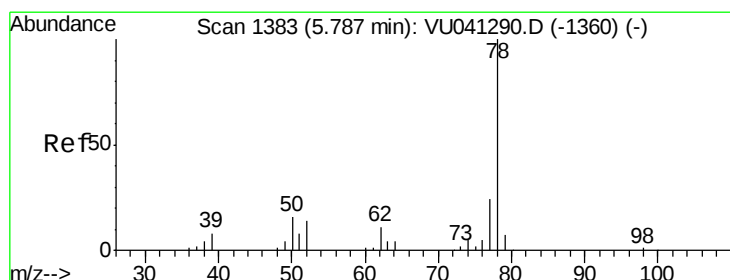
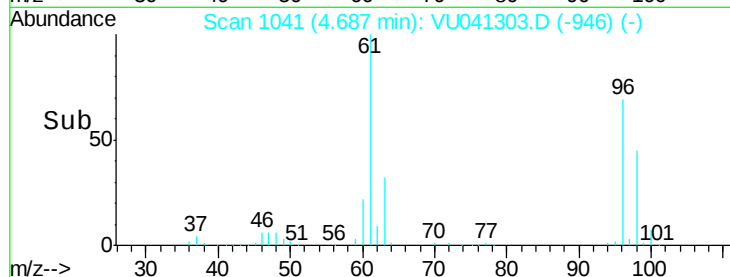
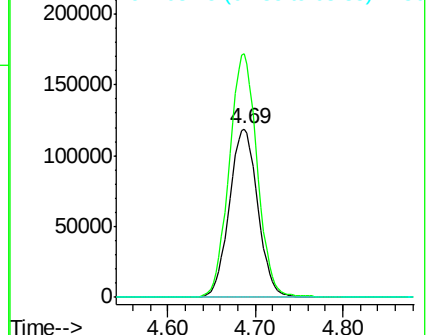
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 0.331 ug/L

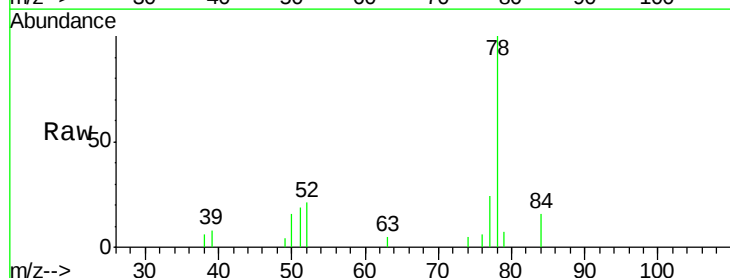
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

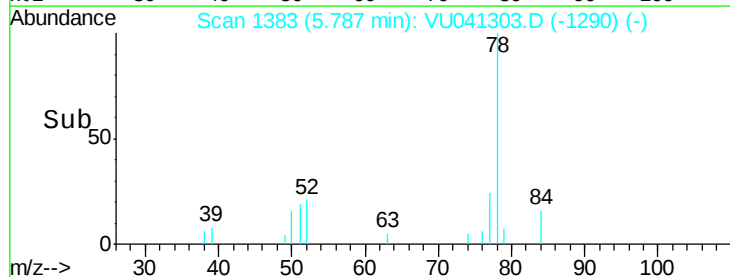
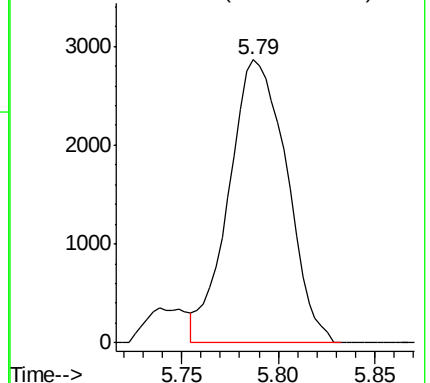
Lab File: VU041303.D

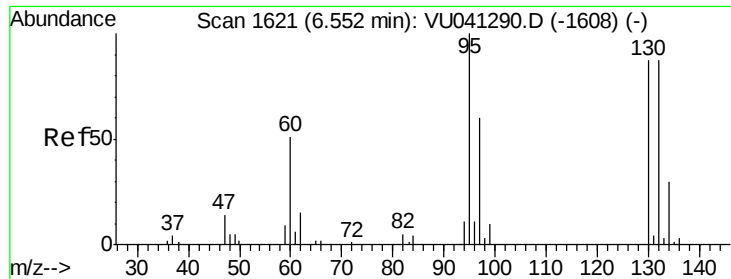
Acq: 18 Nov 2020 02:12

Tgt Ion: 78 Resp: 5947



Abundance Ion 78.10 (77.80 to 78.80): VU0

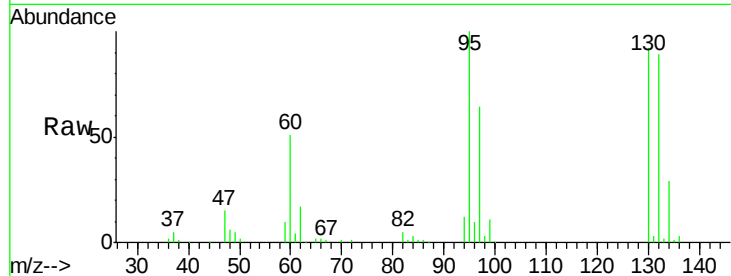




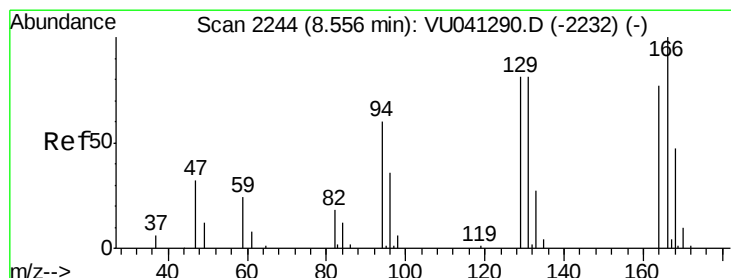
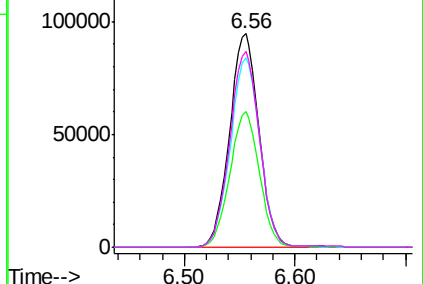
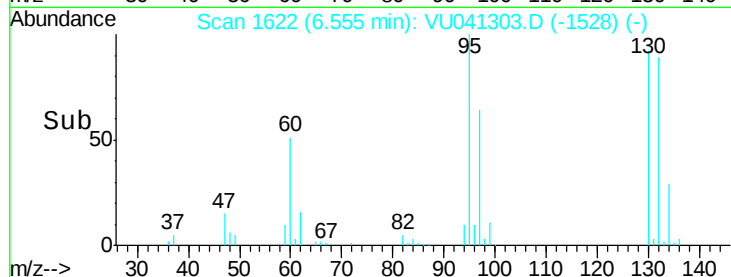
#34
 Trichloroethene
 Concen: 36.077 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041303.D
 Acq: 18 Nov 2020 02:12

Instrument :
 MSVOA_U
 ClientSampleId :
 H4415

Tot Ion: 95 Resp: 175412
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.6 84.6
 132 88.6 64.8 120.4
 130 91.6 64.8 120.4

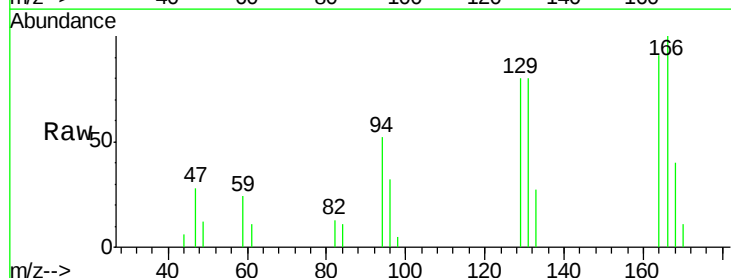


Abundance Ion 95.00 (94.70 to 95.70): VU041303.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU041303.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU041303.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU041303.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 0.888 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041303.D
 Acq: 18 Nov 2020 02:12

Tgt Ion: 164 Resp: 3192
 Ion Ratio Lower Upper
 164 100
 129 87.8 70.3 130.7
 131 87.1 70.8 131.4
 166 109.6 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): VU041303.D (-2151) (-)
 Ion 128.95 (128.65 to 129.65): VU041303.D (-2151) (-)
 Ion 130.95 (130.65 to 131.65): VU041303.D (-2151) (-)
 Ion 165.90 (165.60 to 166.60): VU041303.D (-2151) (-)

