

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041404.D
 Acq On : 23 Nov 2020 21:50
 Operator : SY/MD
 Sample : L4849-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4404

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 11:12:10 AM

Quant Time: Nov 24 03:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	59390	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.43	117	59508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	21822	5.23	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.94	69	15728	5.37	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	33913	4.14	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.76	46	61403	57.74	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.48%
24) Chloroform-d	5.11	84	46444	5.46	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.76	65	29549	5.97	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.77	84	82456	5.67	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.74	67	27889	6.02	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.40%
41) Toluene-d8	7.92	98	69740	5.08	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.20	79	11285	5.36	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.66	63	44008	63.95	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23267	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	26697	6.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	188653	36.350	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	28890	3.172	ug/L	96
18) trans-1,2-Dichloroethene	3.38	96	4603	1.161	ug/L	92
19) 1,1-Dichloroethane	3.91	63	4951	0.628	ug/L	95
22) cis-1,2-Dichloroethene	4.70	96	53176	12.608	ug/L	98
33) Benzene	5.83	78	4894m	0.307	ug/L	
34) Trichloroethene	6.58	95	794	0.183	ug/L	90

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

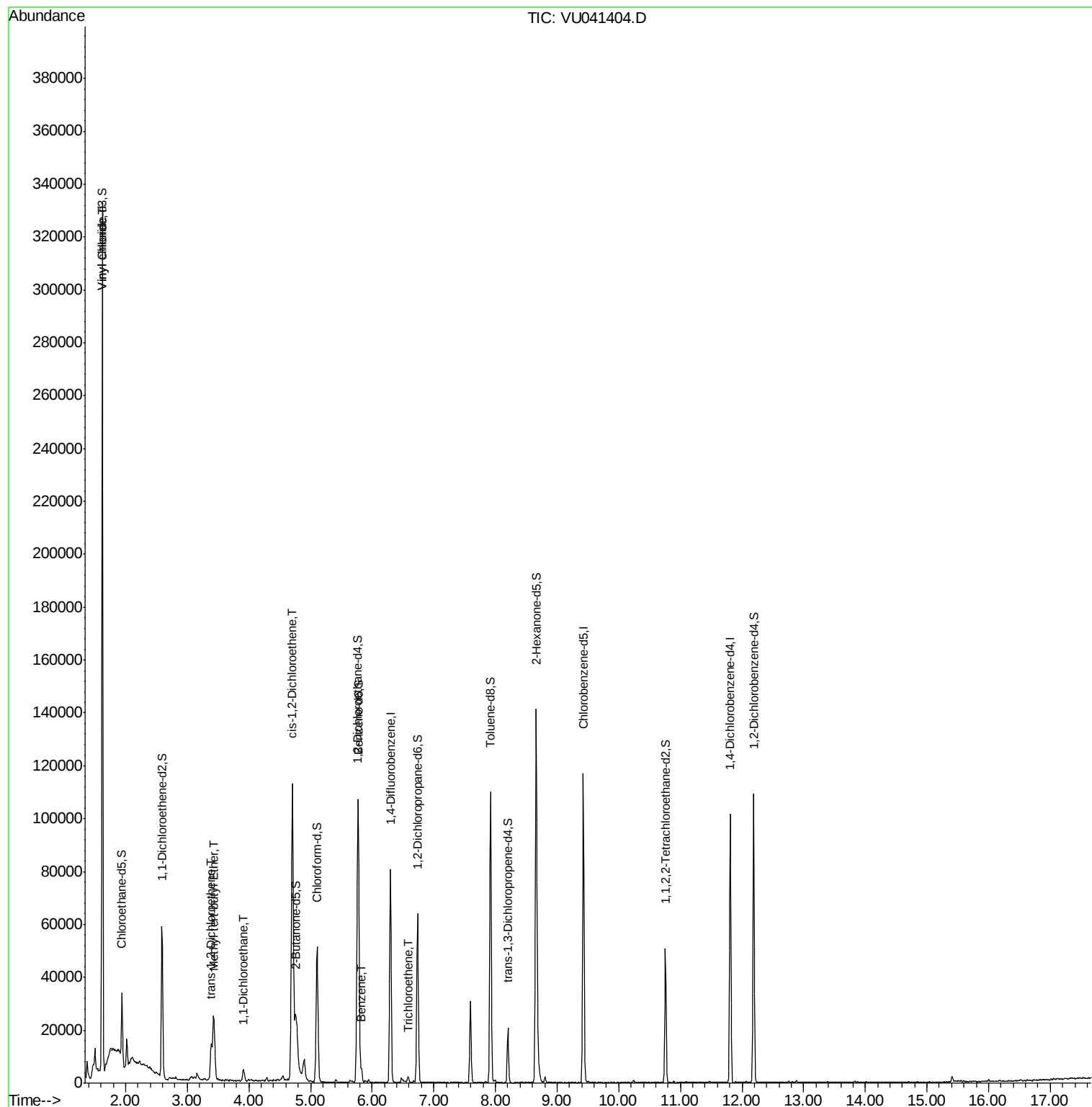
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112320\
Data File : VU041404.D
Acq On : 23 Nov 2020 21:50
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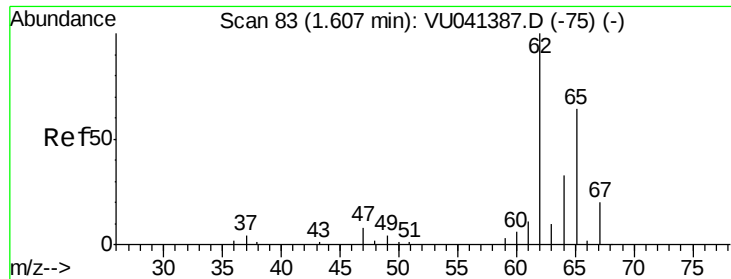
Instrument :
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Quant Time: Nov 24 03:24:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 36.350 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.02 min

Lab File: VU041404.D

Acq: 23 Nov 2020 21:50

Instrument :

MSVOA_U

ClientSampled :

H4404

Tot Ion: 62 Resp: 188653

Ion Ratio Lower Upper

62 100

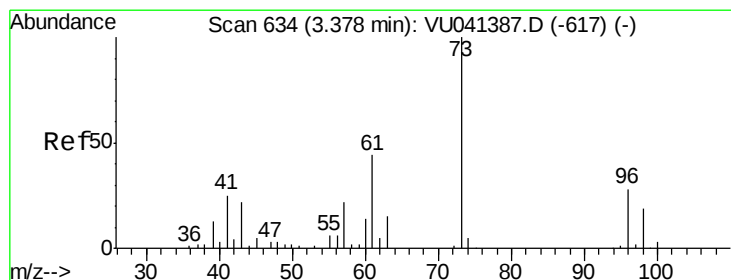
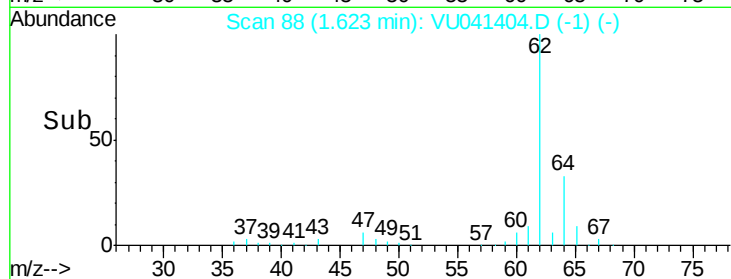
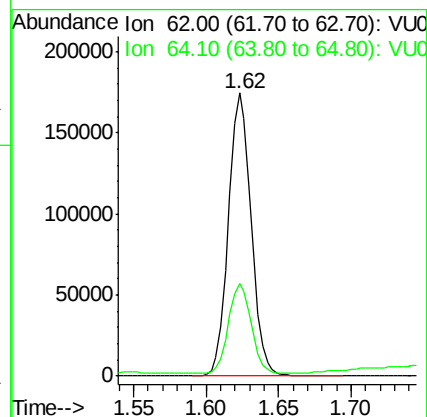
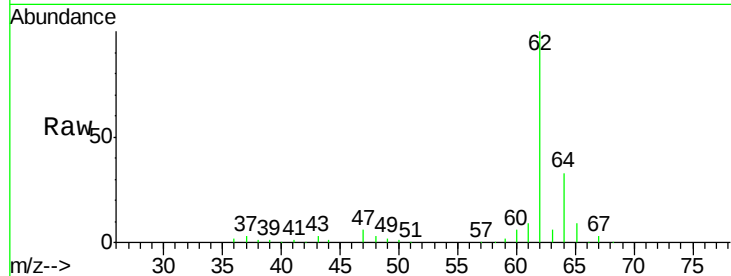
64 32.6 23.8 44.2

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#17

Methyl tert-butyl Ether

Concen: 3.172 ug/L

RT: 3.43 min Scan# 649

Delta R.T. 0.05 min

Lab File: VU041404.D

Acq: 23 Nov 2020 21:50

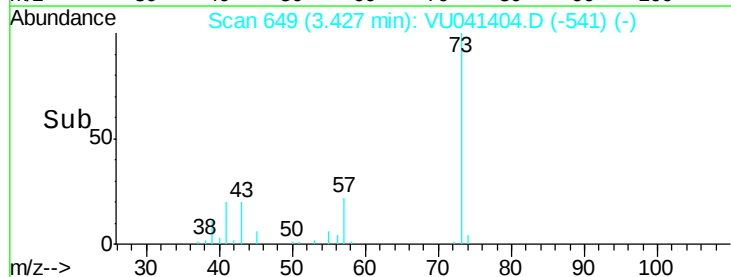
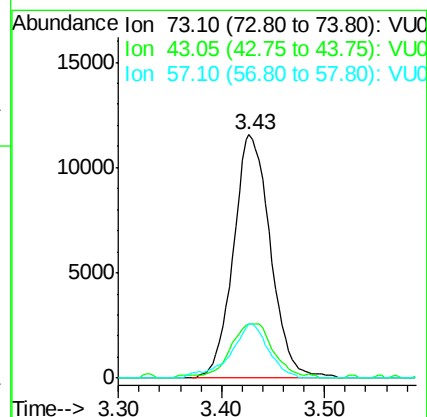
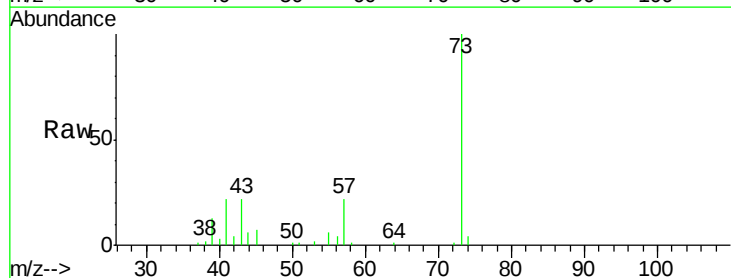
Tgt Ion: 73 Resp: 28890

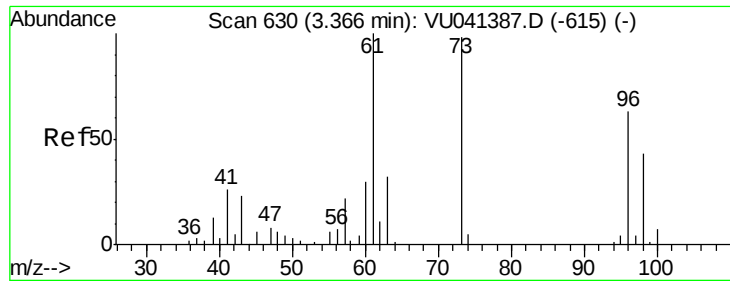
Ion Ratio Lower Upper

73 100

43 26.5 18.3 27.5

57 22.8 17.7 26.5





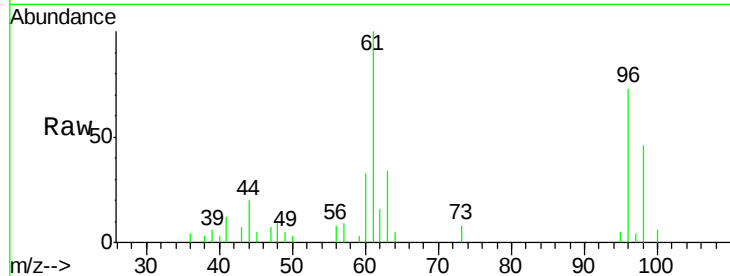
#18
trans-1,2-Dichloroethene
Concen: 1.161 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.02 min
Lab File: VU041404.D
Acq: 23 Nov 2020 21:50

Instrument :
MSVOA_U
ClientSampled :
H4404

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.4	103.7	192.5
98	63.3	47.5	88.3

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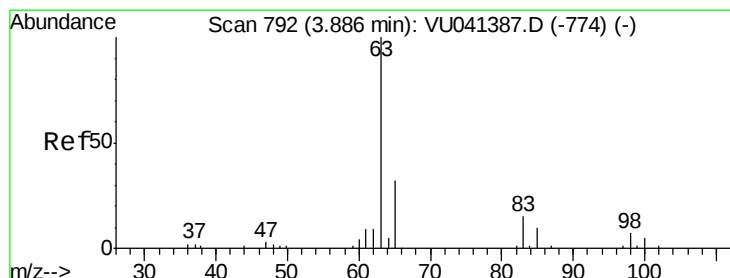
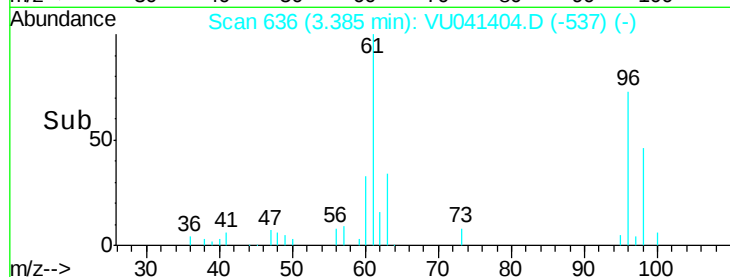
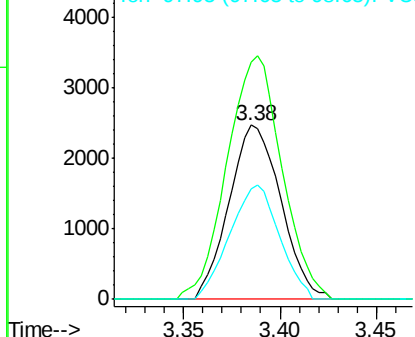
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Abundance Ion 96.00 (95.70 to 96.70): VU041387.D (-615) (-)

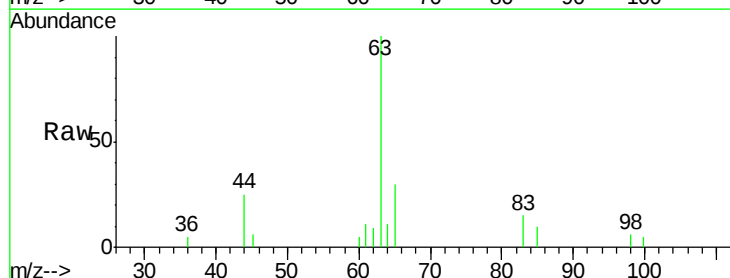
Ion 61.05 (60.75 to 61.75): VU041387.D (-615) (-)

Ion 97.95 (97.65 to 98.65): VU041387.D (-615) (-)



#19
1,1-Dichloroethane
Concen: 0.628 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.03 min
Lab File: VU041404.D
Acq: 23 Nov 2020 21:50

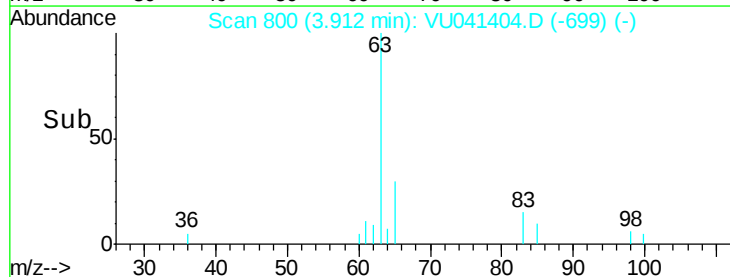
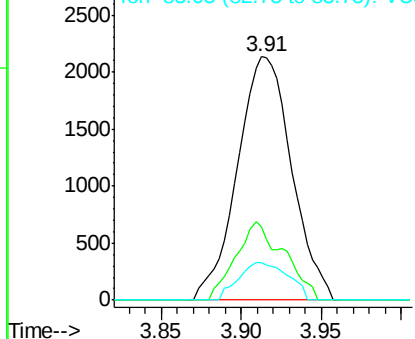
Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.0	42.8
83	15.4	9.4	17.4

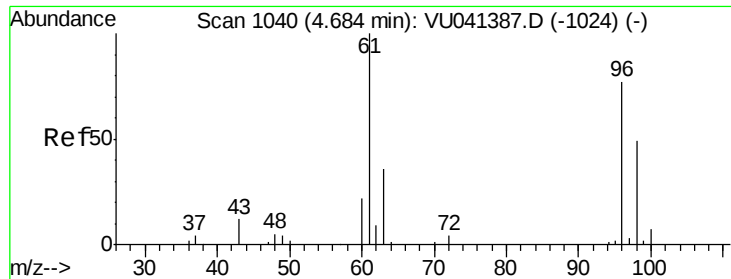


Abundance Ion 63.10 (62.80 to 63.80): VU041387.D (-774) (-)

Ion 65.10 (64.80 to 65.80): VU041387.D (-774) (-)

Ion 83.05 (82.75 to 83.75): VU041387.D (-774) (-)





#22

cis-1,2-Dichloroethene

Concen: 12.608 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. 0.02 min

Lab File: VU041404.D

Acq: 23 Nov 2020 21:50

Instrument :

MSVOA_U

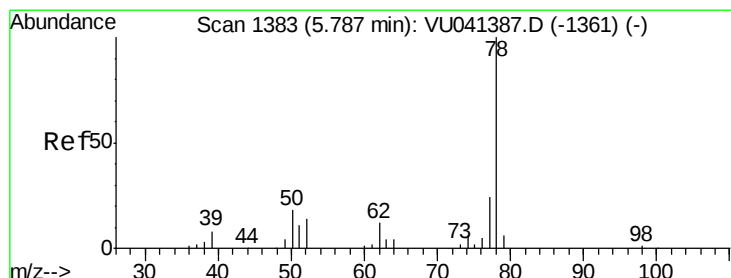
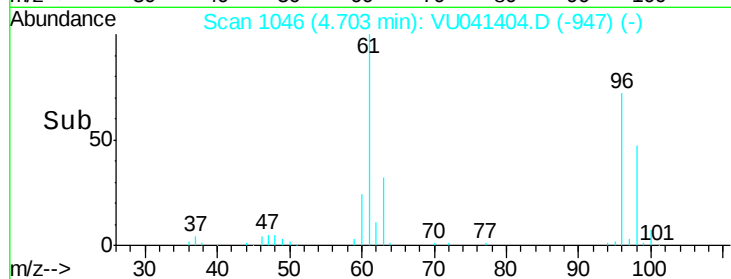
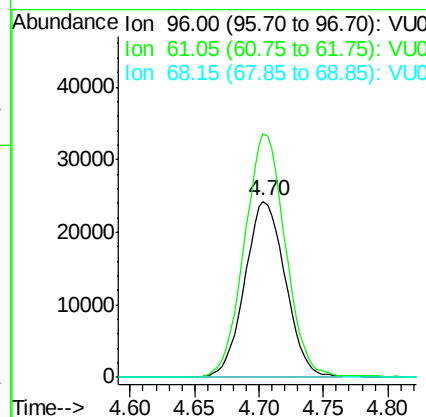
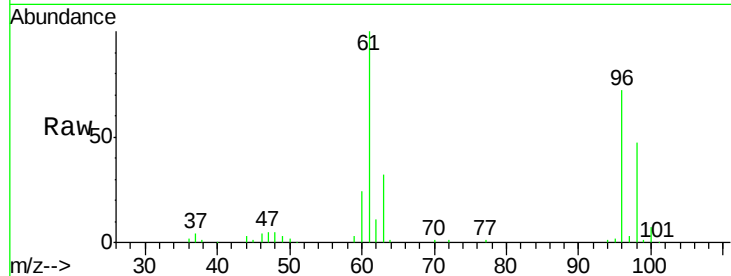
ClientSampleId :

H4404

Tot Ion:	96	Resp:	53176
Ion Ratio	Lower	Upper	
96	100		
61	138.3	95.3	176.9
68	0.0	0.0	0.0

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#33

Benzene

Concen: 0.307 ug/L m

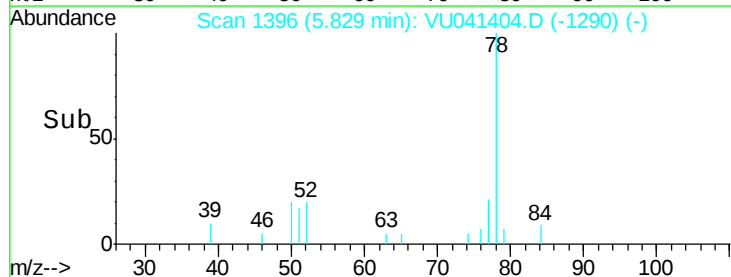
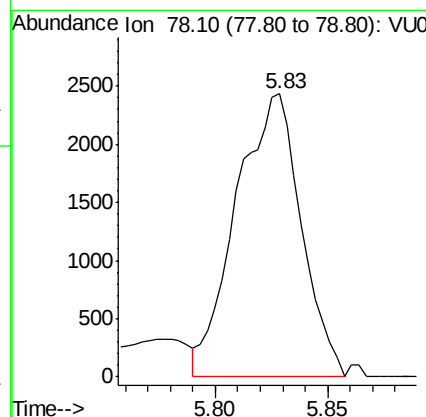
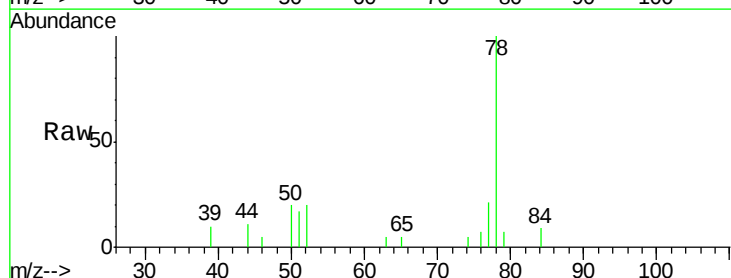
RT: 5.83 min Scan# 1396

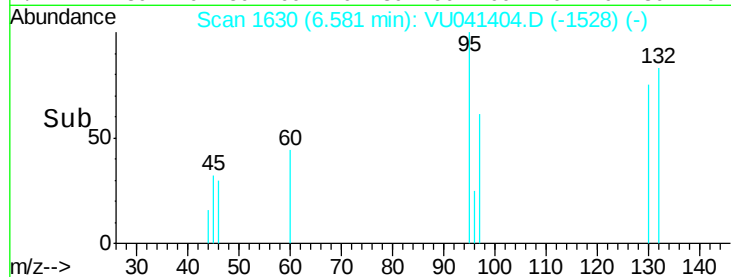
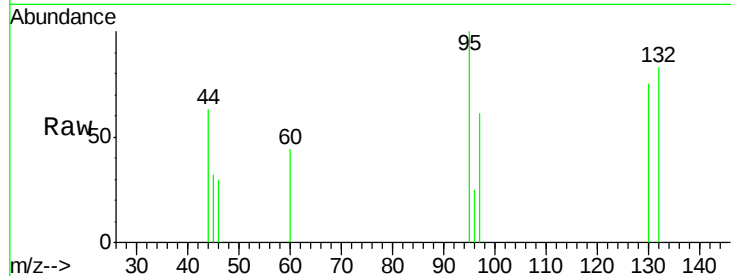
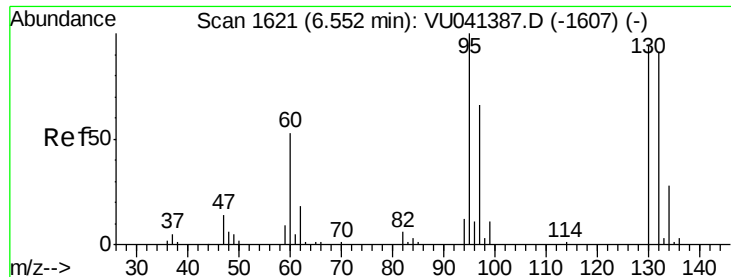
Delta R.T. 0.04 min

Lab File: VU041404.D

Acq: 23 Nov 2020 21:50

Tgt Ion: 78 Resp: 4894





#34

Trichloroethene

Concen: 0.183 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.03 min

Lab File: VU041404.D

Acq: 23 Nov 2020 21:50

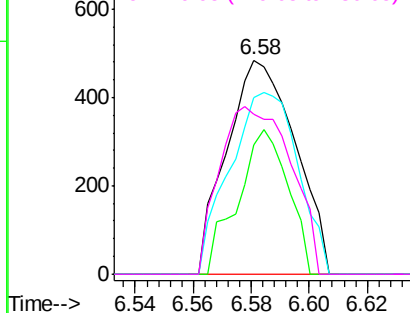
Tot Ion	Ion	Ratio	Resp	Lower	Upper
794	95	100			
	97	60.7		46.5	86.5
	132	82.9		60.8	113.0
	130	74.8		63.3	117.7

Abundance Ion 95.00 (94.70 to 95.70): VU041387.D (-1607) (-)

Ion 96.95 (96.65 to 97.65): VU041387.D (-1607) (-)

Ion 131.95 (131.65 to 132.65): VU041387.D (-1607) (-)

Ion 129.95 (129.65 to 130.65): VU041387.D (-1607) (-)



Instrument :

MSVOA_U

ClientSampleId :

H4404

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11/25/2020 11:12:10 AM