

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041288.D
 Acq On : 17 Nov 2020 18:19
 Operator : SY/MD
 Sample : L4759-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4413

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:48:26 AM

Quant Time: Nov 17 23:57:23 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	67084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23641	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.92	69	21065	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	33293	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.65	46	96541	47.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.08	84	50004	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	32613	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.74	84	92489	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.70	67	30821	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.91	98	70425	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.19	79	12284	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	68439	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	27393	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26301	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	34577	5.937 ug/L	# 1
14) Carbon disulfide	2.81	76	8464	0.659 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	564651	47.231 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	5729	1.347 ug/L	94
19) 1,1-Dichloroethane	3.89	63	14888	1.566 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	46078	9.593 ug/L	94
33) Benzene	5.79	78	7642m	0.404 ug/L	
34) Trichloroethene	6.56	95	9061	1.774 ug/L	99

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

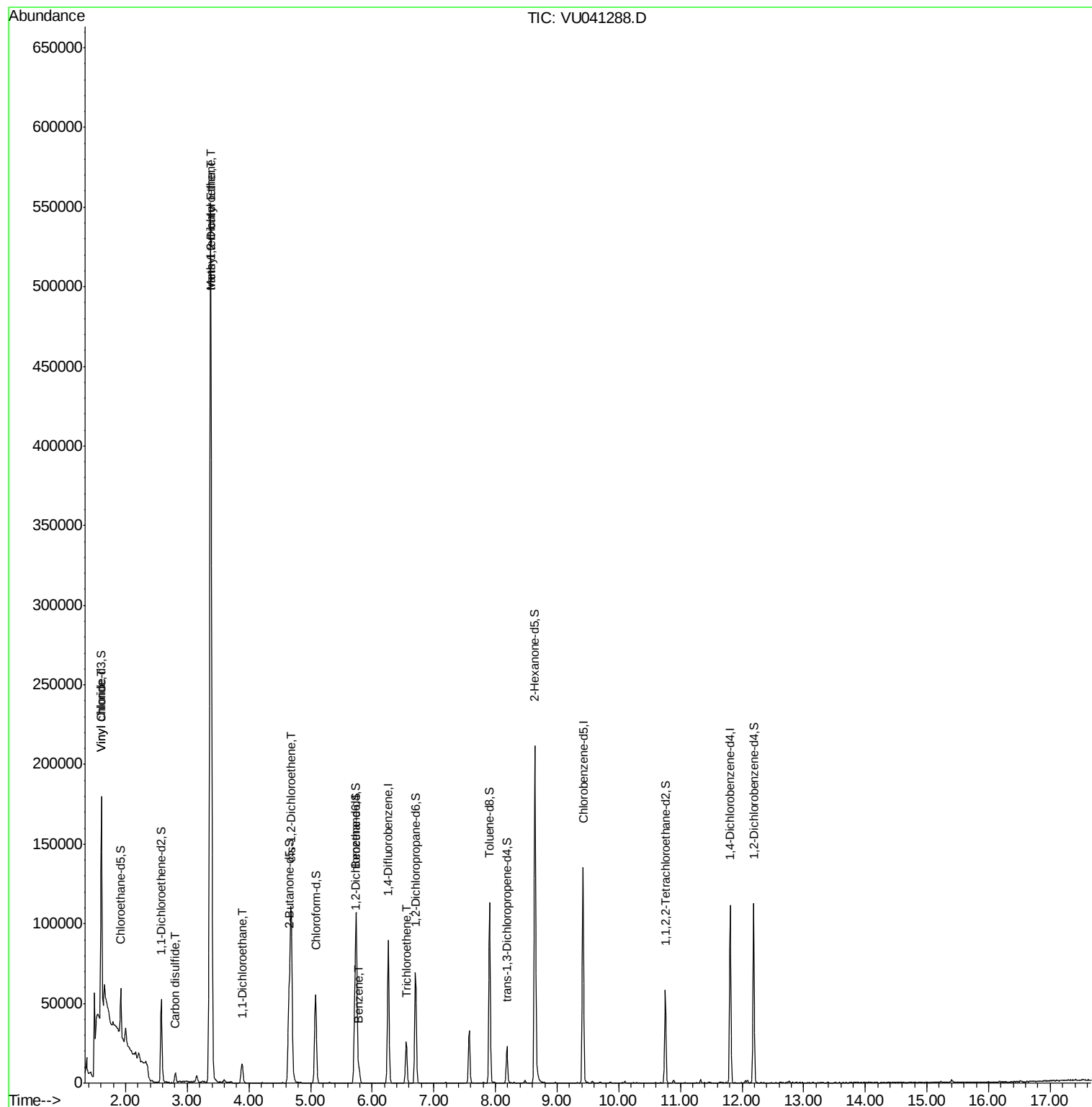
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041288.D
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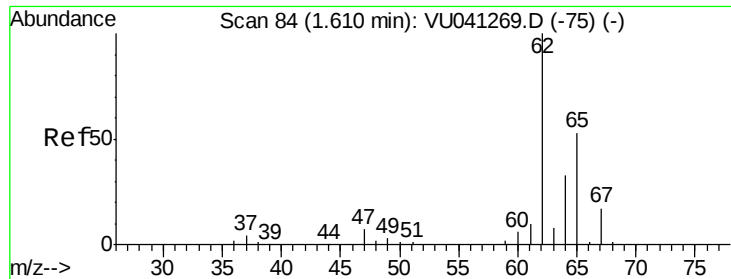
Instrument :
MSVOA_U
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.937 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041288.D

Acq: 17 Nov 2020 18:19

Instrument :

MSVOA_U

ClientSampled :

H4413

Tot Ion: 62 Resp: 34577

Ion Ratio Lower Upper

62 100

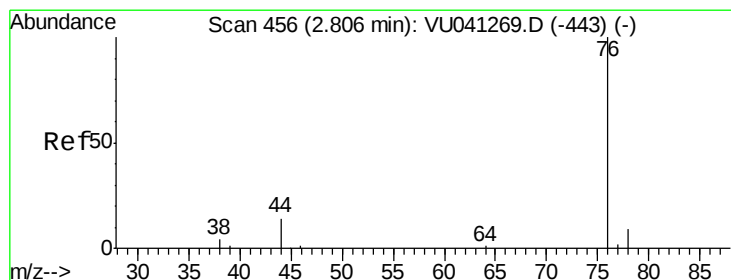
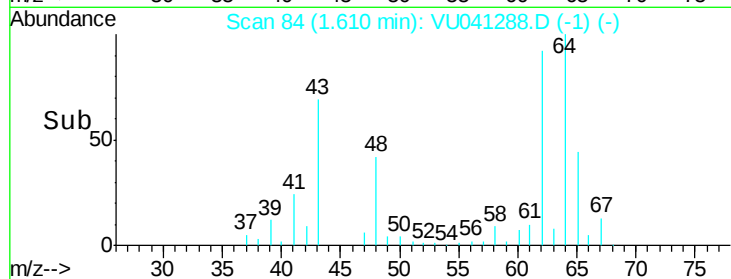
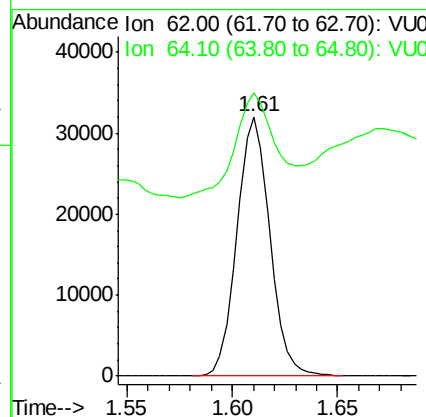
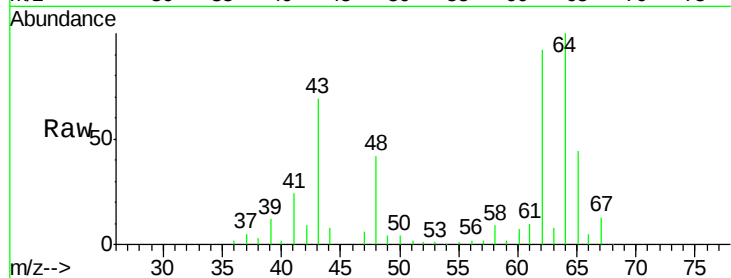
64 109.0 22.7 42.3#

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#14

Carbon disulfide

Concen: 0.659 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU041288.D

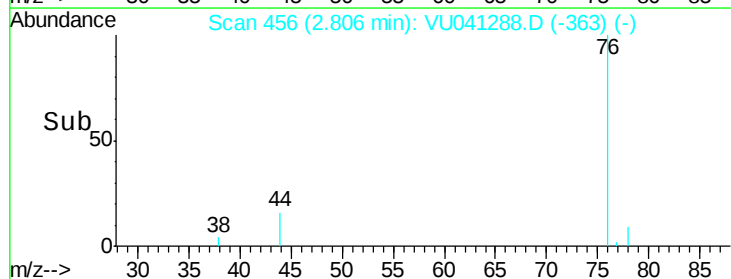
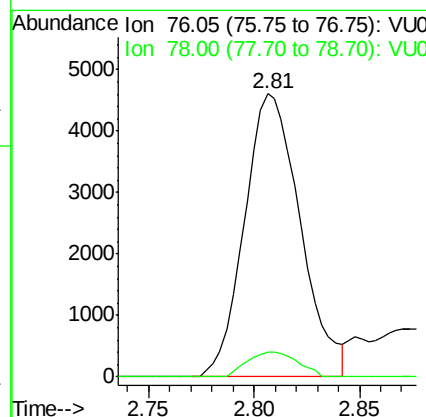
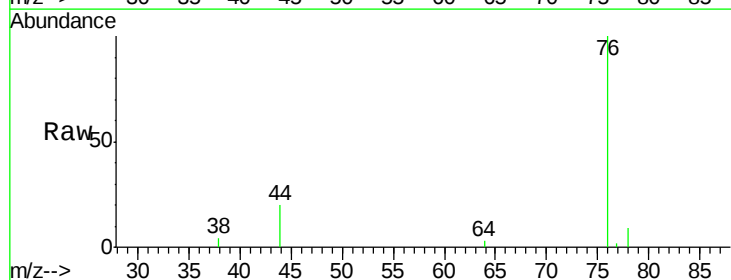
Acq: 17 Nov 2020 18:19

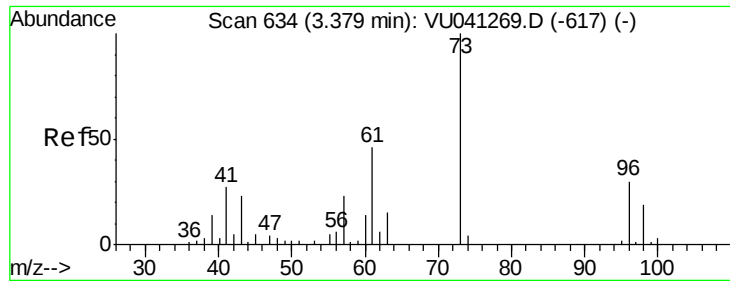
Tgt Ion: 76 Resp: 8464

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3





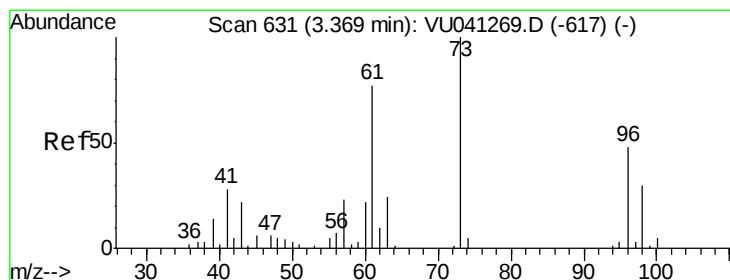
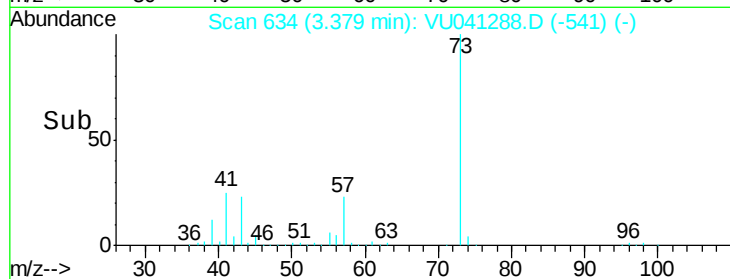
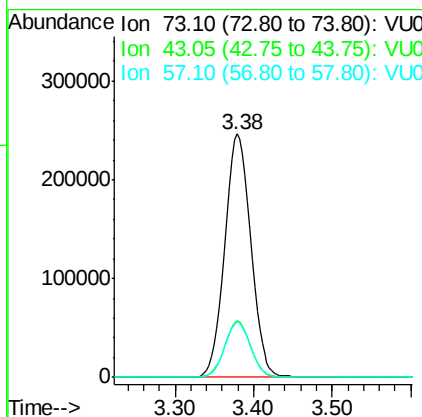
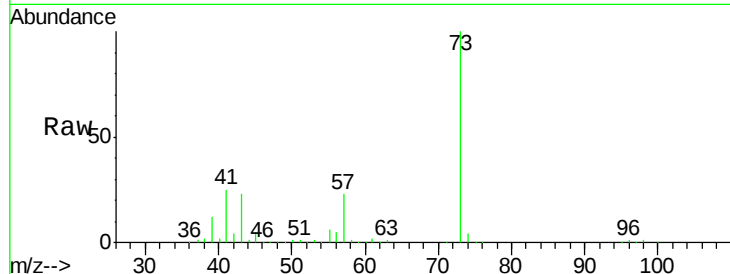
#17
Methvl tert-butvl Ether
Concen: 47.231 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041288.D
Acq: 17 Nov 2020 18:19

Instrument :
MSVOA_U
ClientSampleId :
H4413

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.5	27.7
57	22.6	18.4	27.6

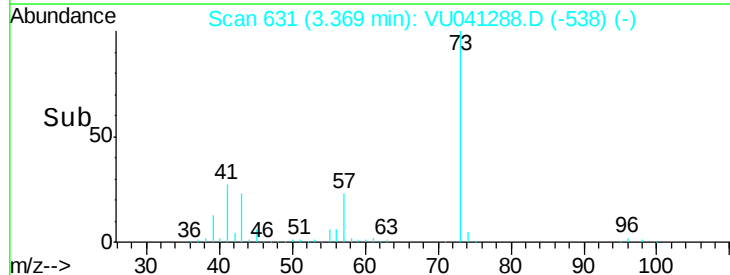
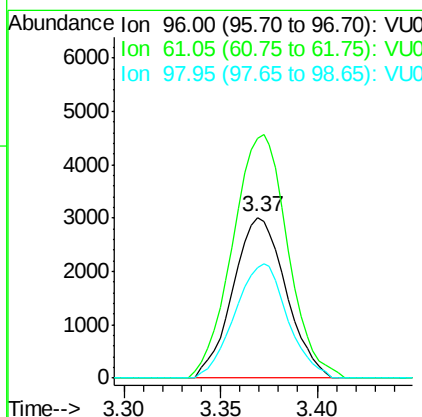
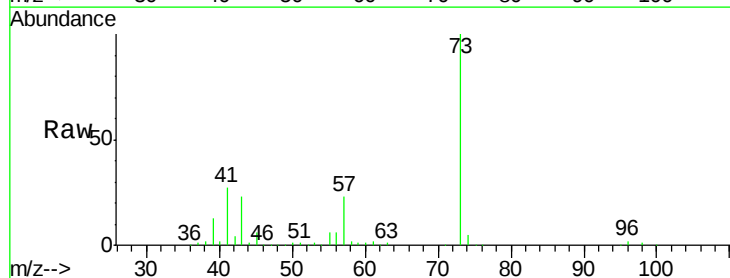
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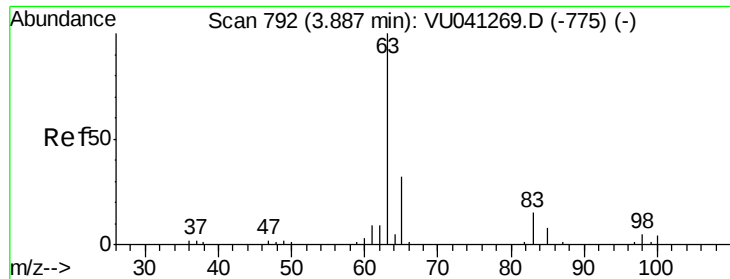
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#18
trans-1,2-Dichloroethene
Concen: 1.347 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041288.D
Acq: 17 Nov 2020 18:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.5	110.9	205.9
98	69.1	45.4	84.2





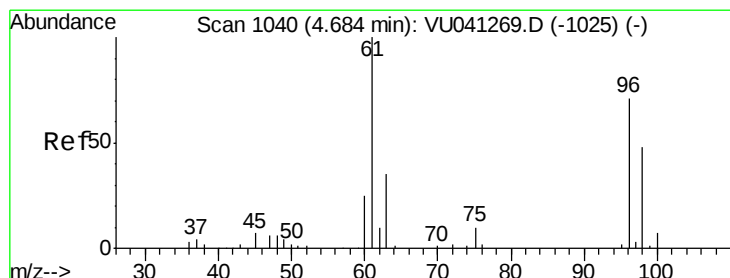
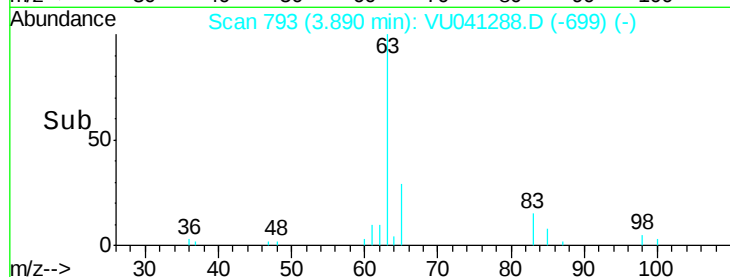
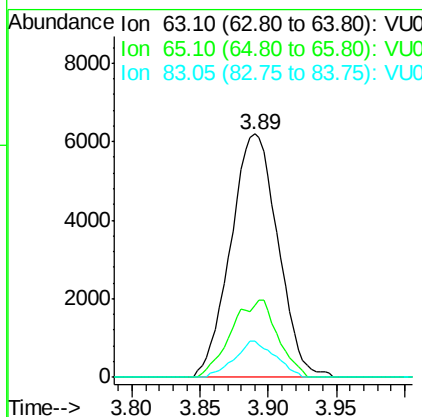
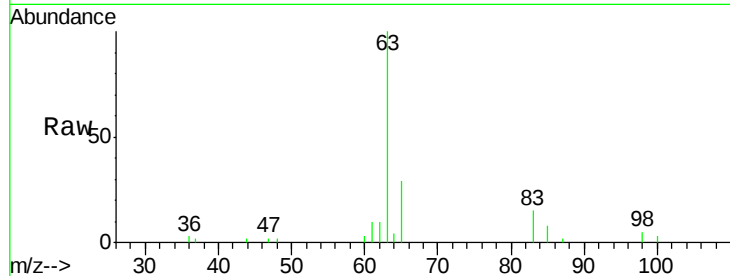
#19
 1,1-Dichloroethane
 Concen: 1.566 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU041288.D
 Acq: 17 Nov 2020 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 H4413

Tot Ion:	63	Resp:	14888
Ion	Ratio	Lower	Upper
63	100		
65	29.4	21.3	39.6
83	14.9	8.8	16.3

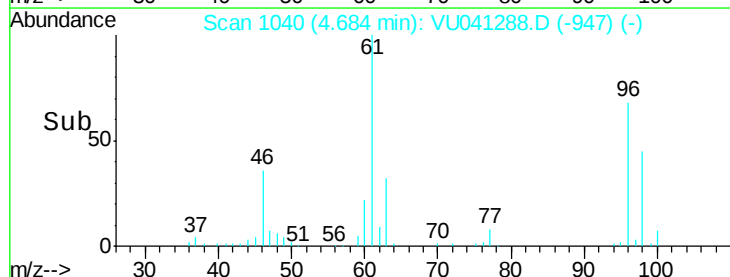
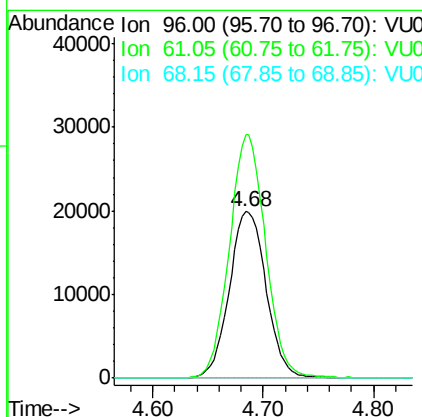
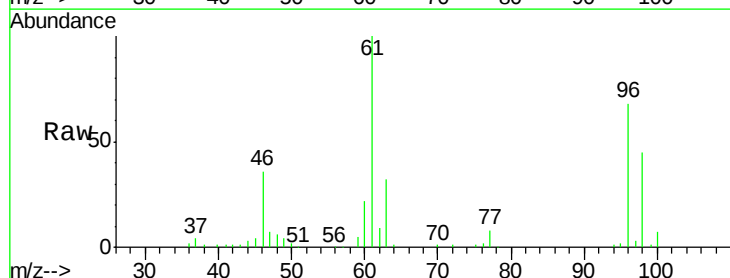
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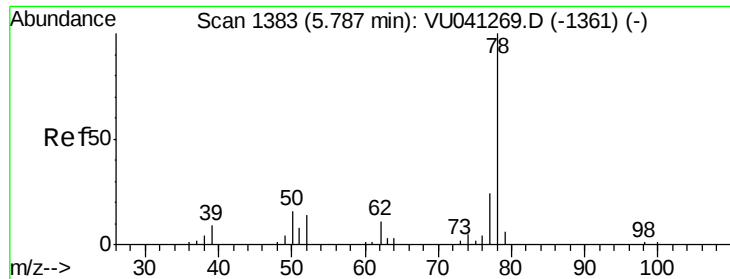
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#22
 cis-1,2-Dichloroethene
 Concen: 9.593 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU041288.D
 Acq: 17 Nov 2020 18:19

Tgt Ion:	96	Resp:	46078
Ion	Ratio	Lower	Upper
96	100		
61	146.3	97.2	180.4
68	0.0	0.0	0.0





#33

Benzene

Concen: 0.404 ug/L m

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041288.D

Acq: 17 Nov 2020 18:19

Instrument :

MSVOA_U

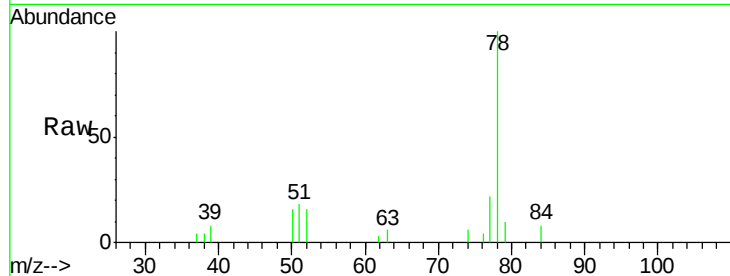
ClientSampleId :

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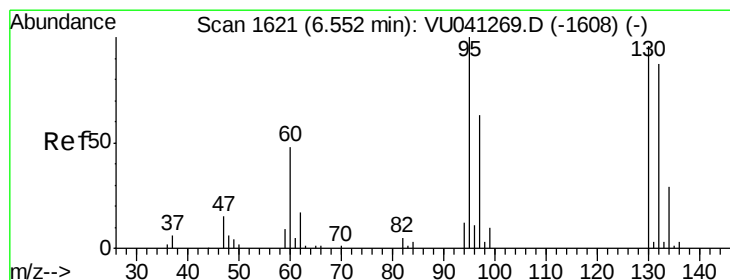
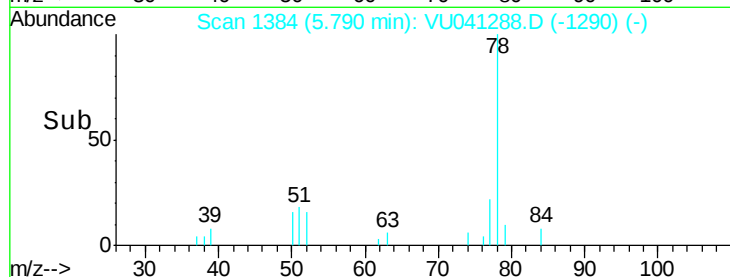
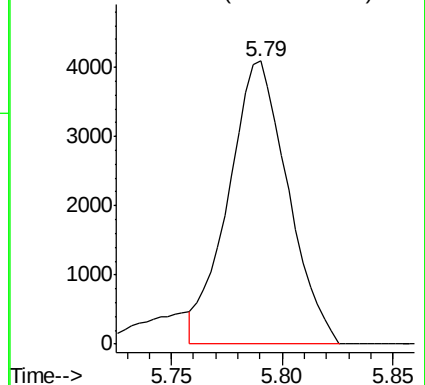
Tgt Ion: 78 Resp: 7642

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 1.774 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041288.D

Acq: 17 Nov 2020 18:19

Tgt Ion: 95 Resp: 9061

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.6
132	91.2	64.8	120.4
130	92.1	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

