

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040473.D
 Acq On : 02 Oct 2020 20:35
 Operator : SY/MD
 Sample : L4185-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR6

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 9:04:19 AM

Quant Time: Oct 03 03:24:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119722	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31176	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.92	69	26189	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	50702	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	134702	45.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.50%
24) Chloroform-d	5.08	84	64269	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	41838	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.75	84	127399	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.70	67	43088	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	106532	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.19	79	17076	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	87556	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36429	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	41673	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	9638	0.819 ug/L	95
13) Acetone	2.67	43	5547m	2.261 ug/L	
22) cis-1,2-Dichloroethene	4.69	96	2541	0.244 ug/L	93
34) Trichloroethene	6.56	95	2844	0.265 ug/L	96
47) Tetrachloroethene	8.56	164	2502	0.329 ug/L	87

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

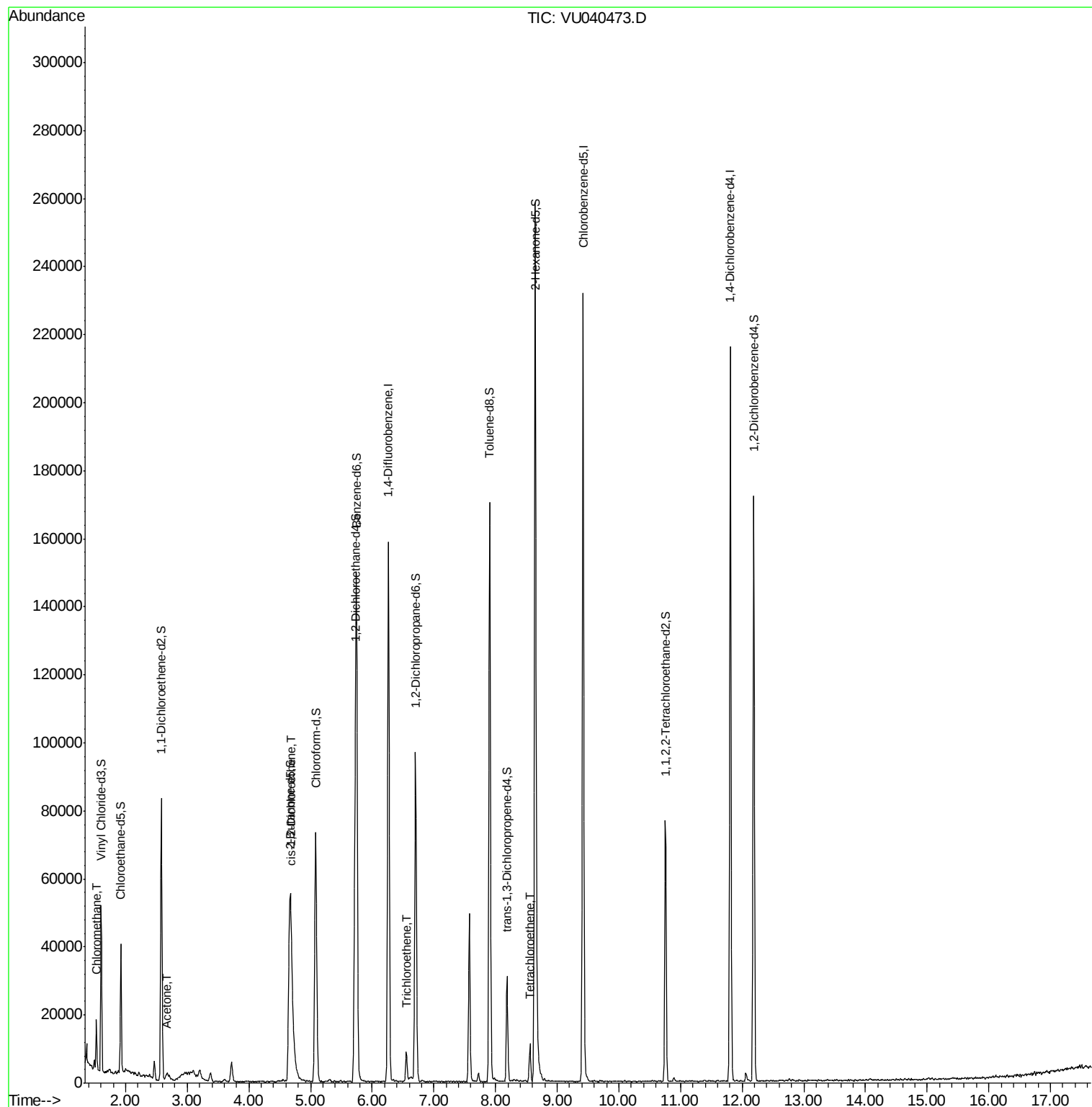
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
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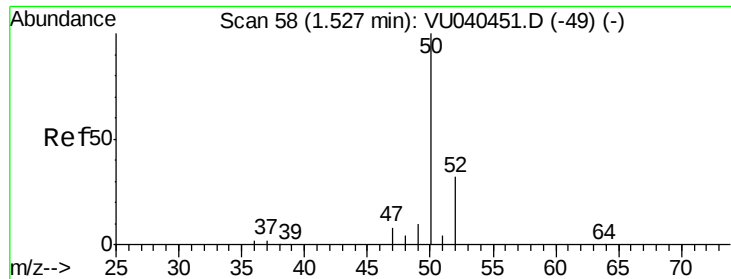
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.819 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040473.D

Acq: 02 Oct 2020 20:35

Instrument :

MSVOA_U

ClientSampled :

C0AR6

Tot Ion: 50 Resp: 9638

Ion Ratio Lower Upper

50 100

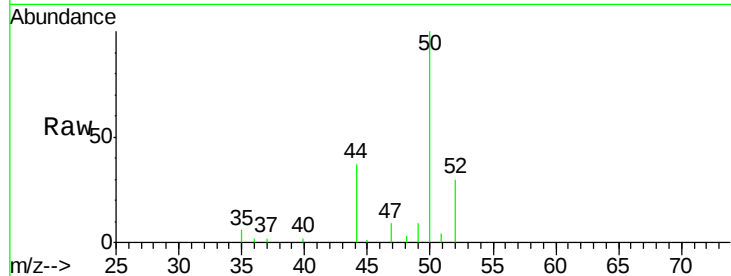
52 30.2 23.0 42.6

Manual Integrations

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Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

10000

8000

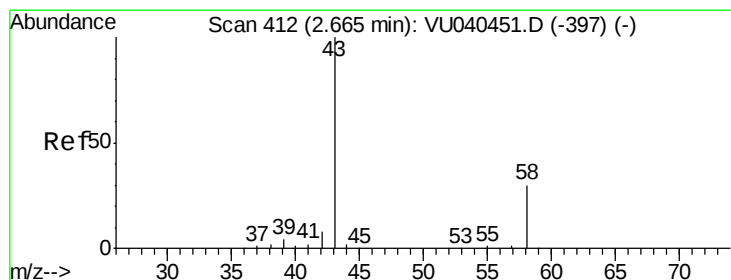
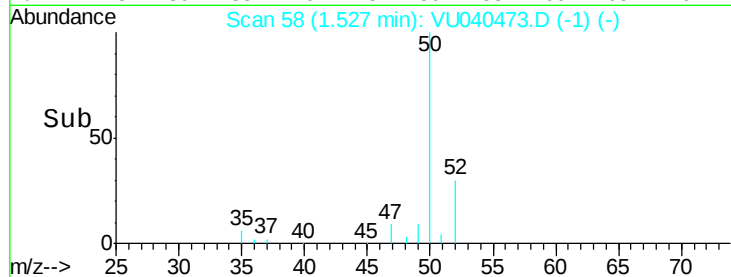
6000

4000

2000

0

Time-->



#13

Acetone

Concen: 2.261 ug/L m

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040473.D

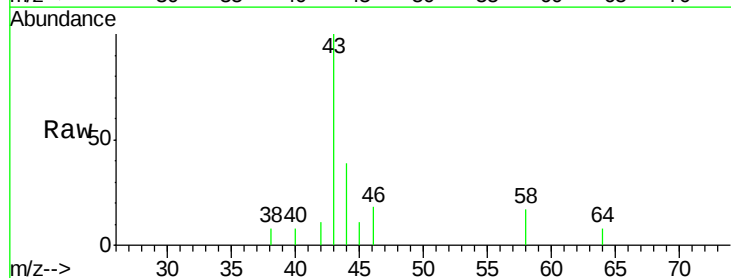
Acq: 02 Oct 2020 20:35

Tgt Ion: 43 Resp: 5547

Ion Ratio Lower Upper

43 100

58 5.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

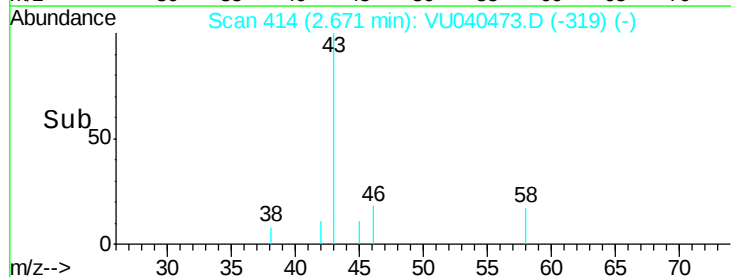
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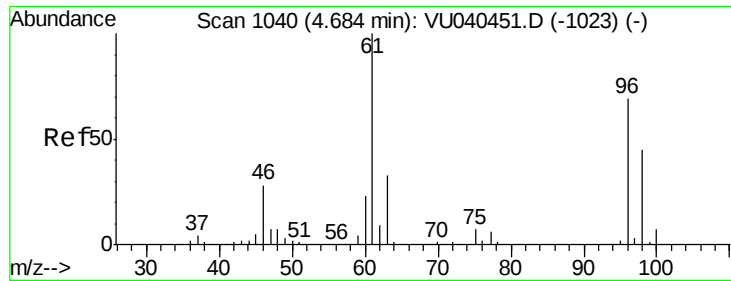
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.244 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040473.D

Acq: 02 Oct 2020 20:35

Instrument :

MSVOA_U

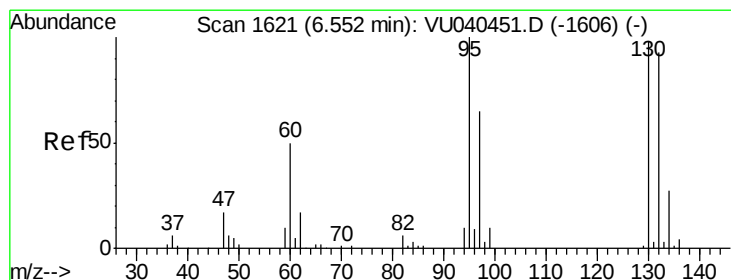
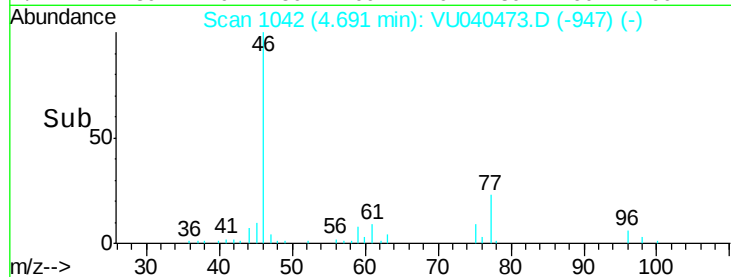
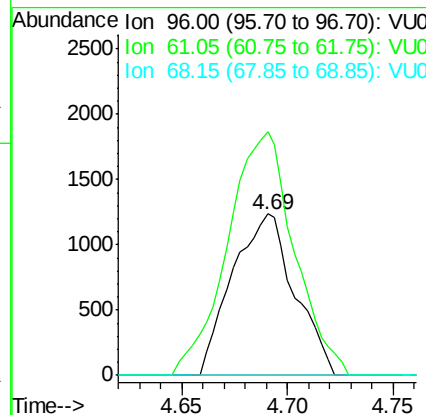
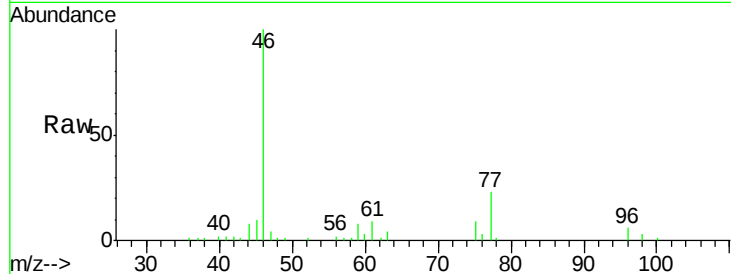
ClientSampled :

C0AR6

Tot Ion:	96	Resp:	2541
Ion	Ratio	Lower	Upper
96	100		
61	151.0	99.3	184.5
68	0.0	0.0	0.0

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#34

Trichloroethene

Concen: 0.265 ug/L

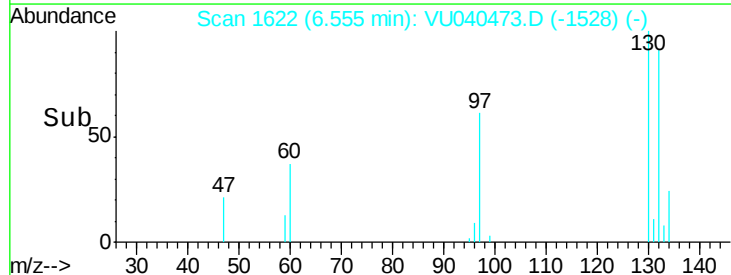
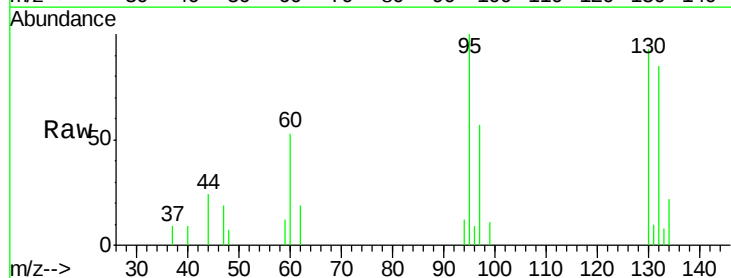
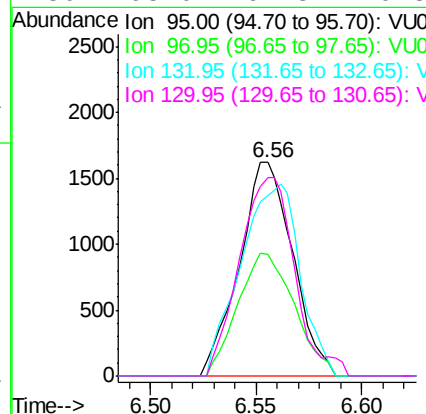
RT: 6.56 min Scan# 1622

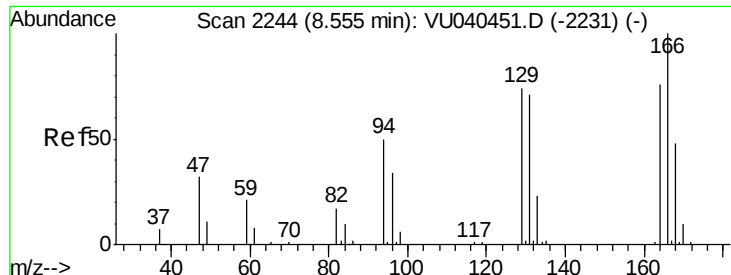
Delta R.T. 0.00 min

Lab File: VU040473.D

Acq: 02 Oct 2020 20:35

Tgt Ion:	95	Resp:	2844
Ion	Ratio	Lower	Upper
95	100		
97	56.9	46.3	85.9
132	84.6	60.5	112.3
130	93.0	64.3	119.3





#47
Tetrachloroethene
Concen: 0.329 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040473.D
Acq: 02 Oct 2020 20:35

Instrument :
MSVOA_U
ClientSampleId :
C0AR6

Tot Ion	Ratio	Lower	Upper
164	100		
129	94.7	70.3	130.7
131	89.9	69.2	128.6
166	104.7	91.1	169.3

Manual Integrations
APPROVED

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