

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041329.D
 Acq On : 18 Nov 2020 22:11
 Operator : SY/MD
 Sample : L4790-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 2:21:03 PM

Quant Time: Nov 19 01:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21008	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	18867	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	33958	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	96895	49.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	5.08	84	50192	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	32375	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	87632	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	30489	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	71774	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	11881	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	67202	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28185	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	28777	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	729	0.127 ug/L	96
5) Vinyl chloride	1.61	62	64483	11.460 ug/L	97
13) Acetone	2.66	43	2630	2.017 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	3127	0.761 ug/L	88
22) cis-1,2-Dichloroethene	4.68	96	26014	5.605 ug/L	99
34) Trichloroethene	6.55	95	832	0.171 ug/L	91
35) Methylcyclohexane	6.78	83	653m	0.101 ug/L	

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

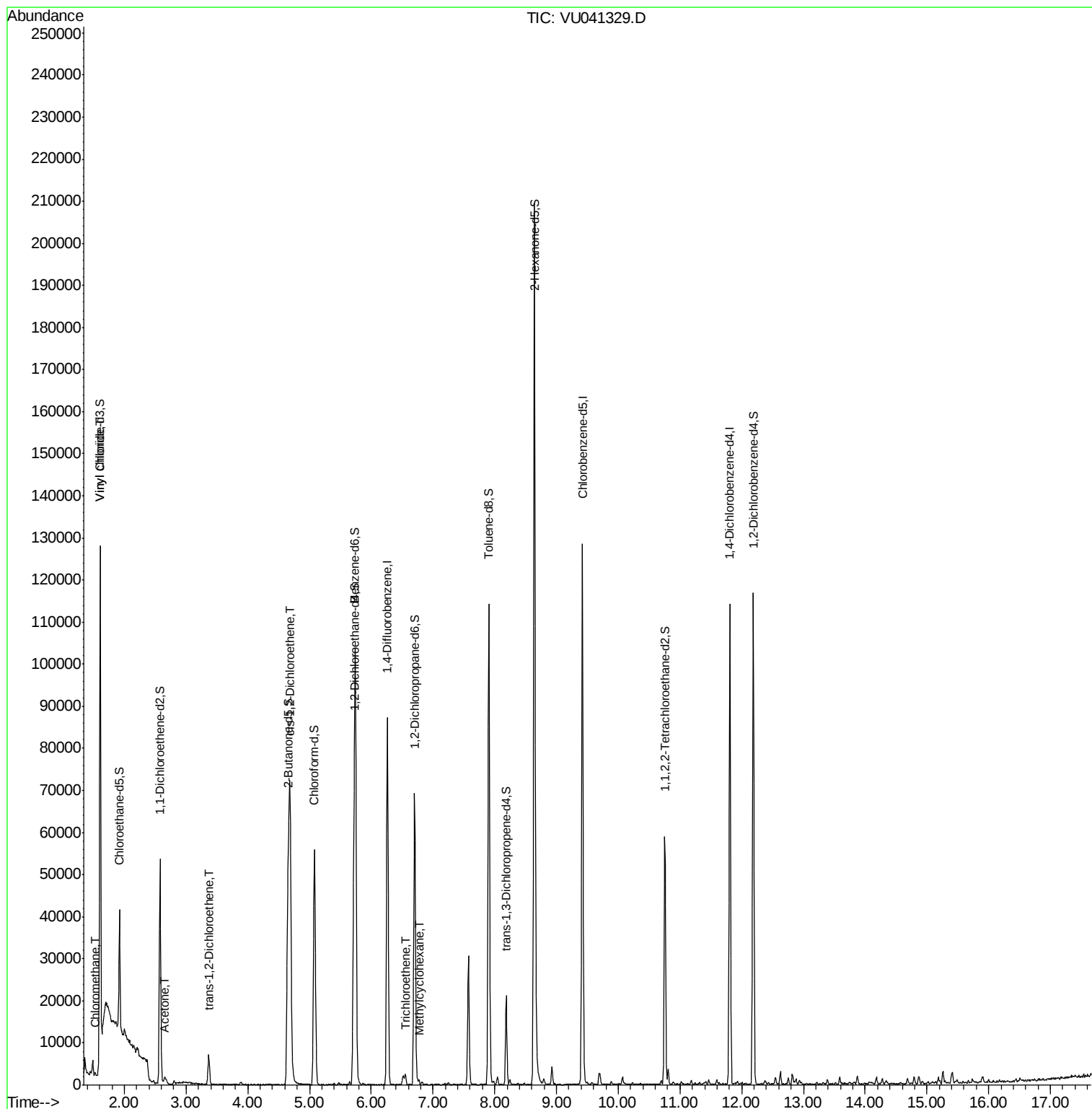
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041329.D
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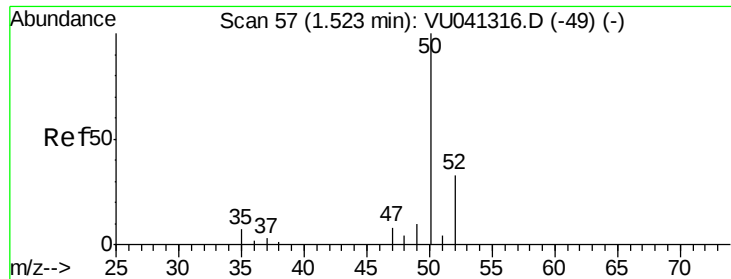
Instrument :
MSVOA_U
ClientSampleId :
H4396

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Quant Time: Nov 19 01:51:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Instrument :

MSVOA_U

ClientSampleId :

H4396

Tot Ion: 50 Resp: 729

Ion Ratio Lower Upper

50 100

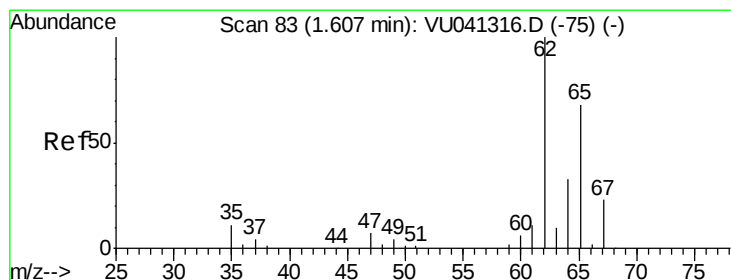
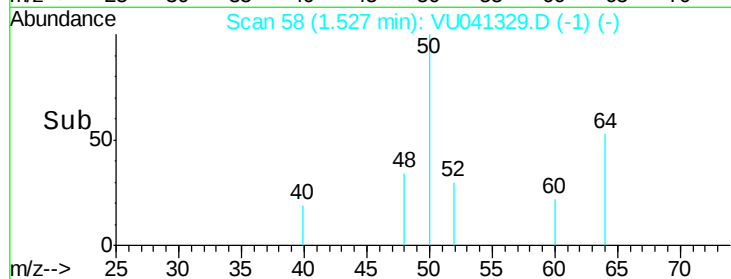
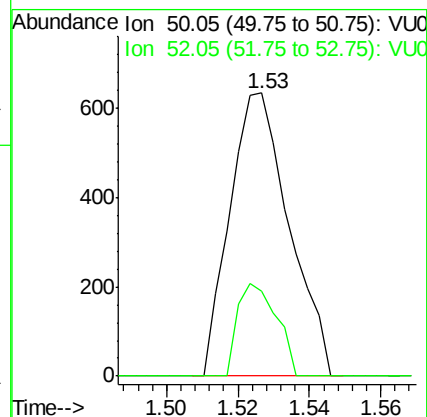
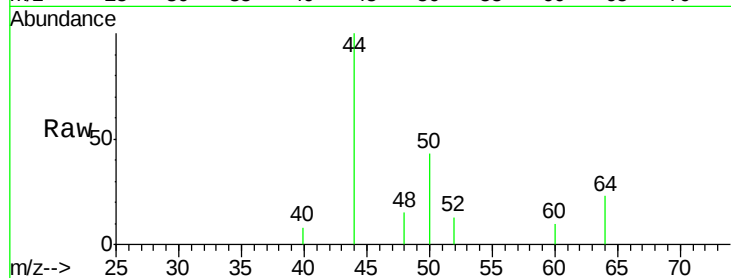
52 30.0 22.4 41.6

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#5

Vinyl chloride

Concen: 11.460 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041329.D

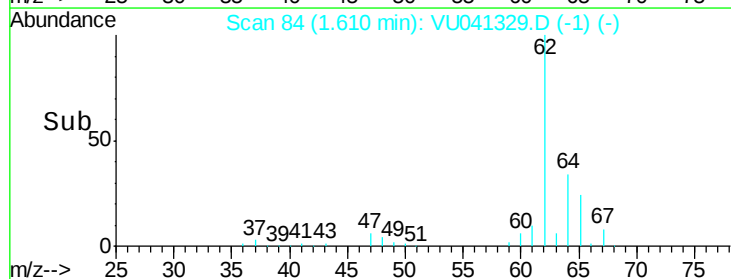
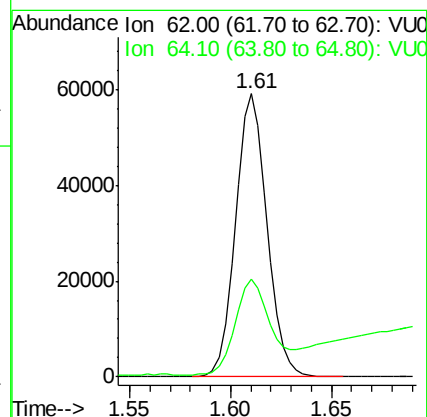
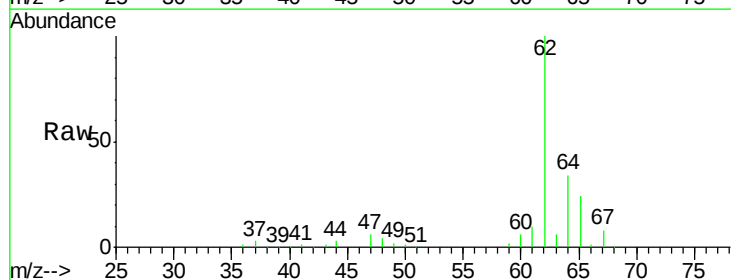
Acq: 18 Nov 2020 22:11

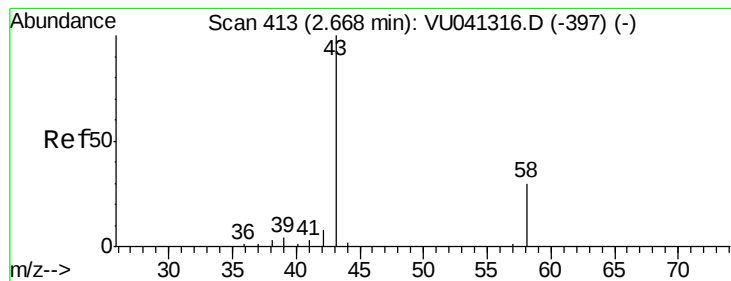
Tgt Ion: 62 Resp: 64483

Ion Ratio Lower Upper

62 100

64 34.4 22.7 42.3





#13

Acetone

Concen: 2.017 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Instrument :

MSVOA_U

ClientSampled :

H4396

Tot Ion: 43 Resp: 2630

Ion Ratio Lower Upper

43 100

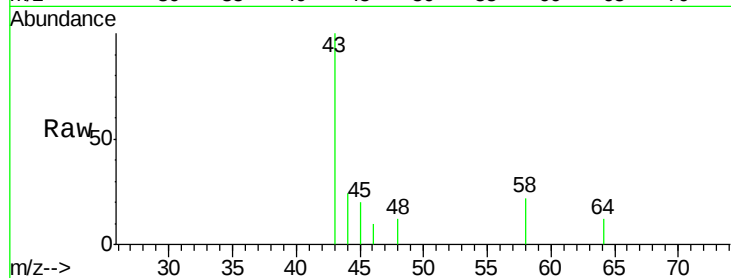
58 12.2 0.0 25.4

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

1200

1000

800

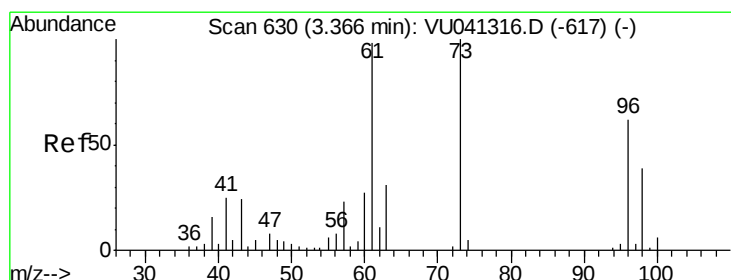
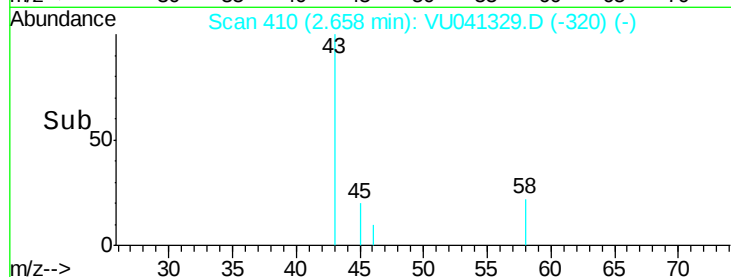
600

400

200

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.761 ug/L

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

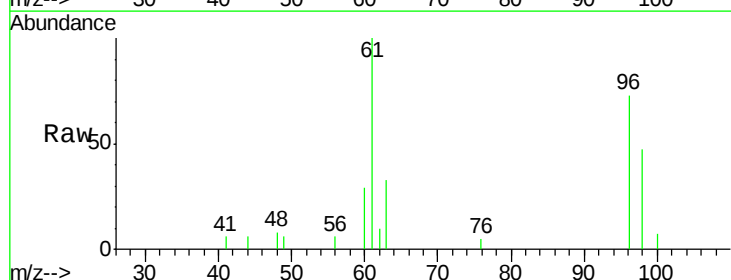
Tgt Ion: 96 Resp: 3127

Ion Ratio Lower Upper

96 100

61 137.5 110.9 205.9

98 64.1 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

2500

2000

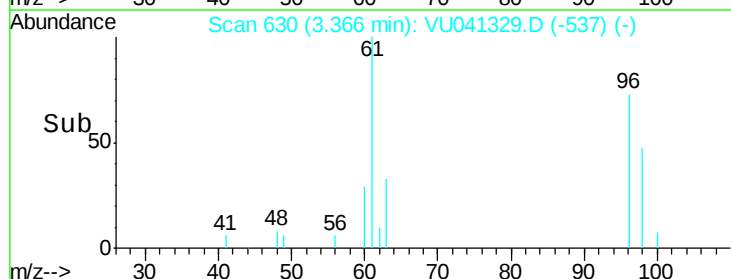
1500

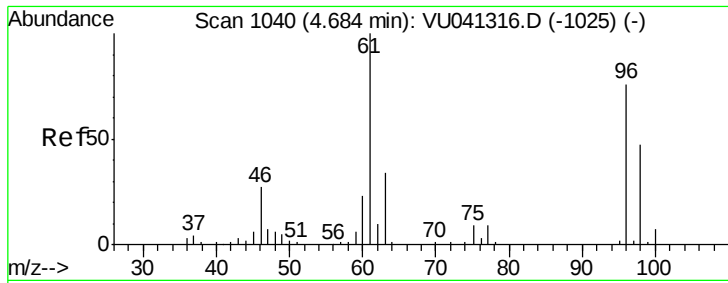
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 5.605 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Instrument :

MSVOA_U

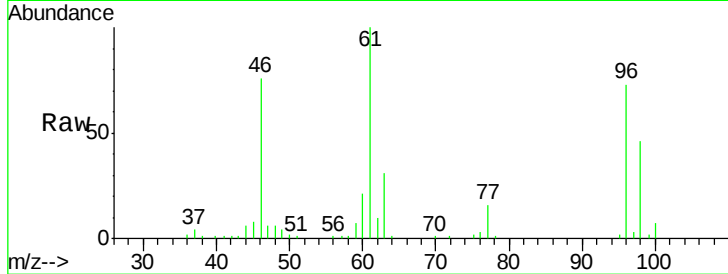
ClientSampleId :

H4396

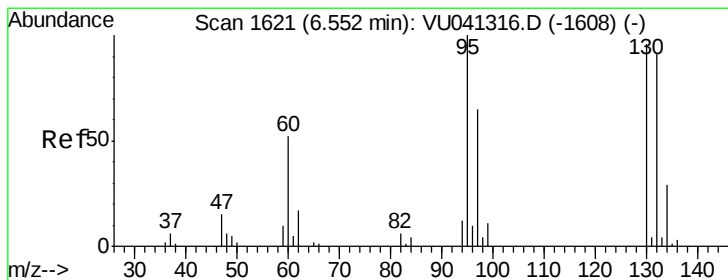
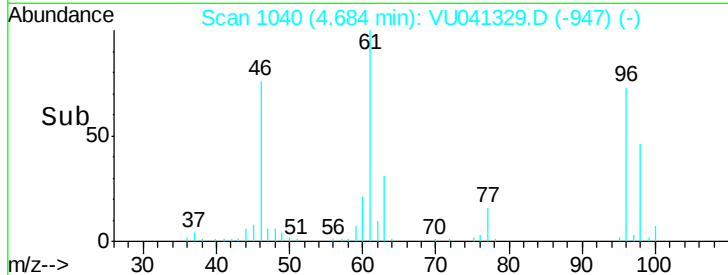
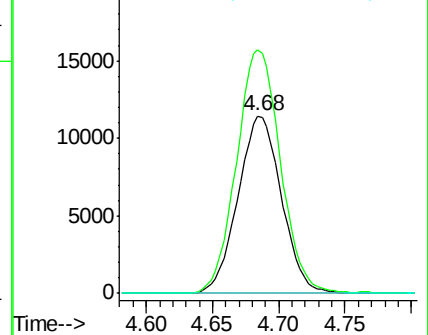
Tot Ion:	96	Resp:	26014
Ion	Ratio	Lower	Upper
96	100		
61	137.3	97.2	180.4
68	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 96.00 (95.70 to 96.70): VU041329.D (-1528) (-)



#34

Trichloroethene

Concen: 0.171 ug/L

RT: 6.55 min Scan# 1620

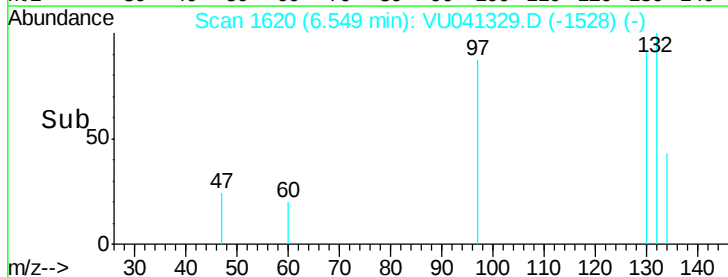
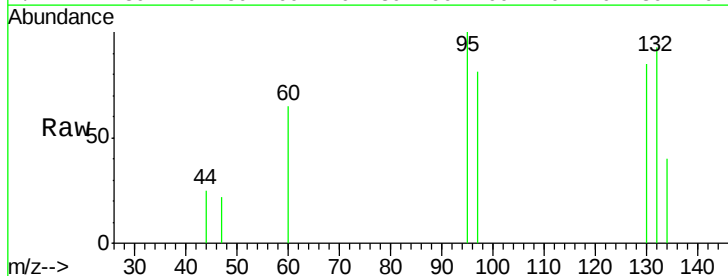
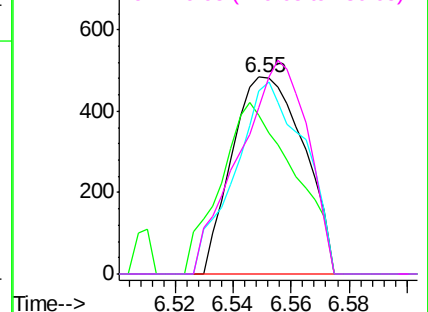
Delta R.T. -0.00 min

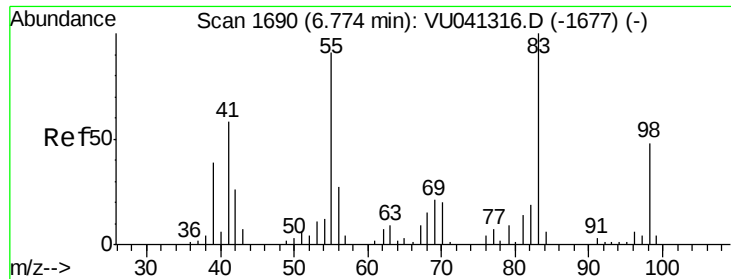
Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Tgt Ion:	95	Resp:	832
Ion	Ratio	Lower	Upper
95	100		
97	81.0	45.6	84.6
132	93.2	64.8	120.4
130	84.7	64.8	120.4

Abundance Ion 95.00 (94.70 to 95.70): VU041329.D (-1528) (-)





#35
 Methvlcvclohexane
 Concen: 0.101 ug/L m
 RT: 6.78 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion:	83	Resp:	653
Ion	Ratio	Lower	Upper
83	100		
55	27.6	72.0	108.0#
98	10.0	36.6	55.0#

Manual Integrations
 APPROVED

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 11/20/2020 2:21:03 PM

