

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041324.D
 Acq On : 18 Nov 2020 20:13
 Operator : SY/MD
 Sample : L4790-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4420

Manual Integrations
 APPROVED

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 11/20/2020 2:21:16 PM

Quant Time: Nov 19 01:27:57 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	65650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26292	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22713	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	18657	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	35707	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.66	46	94984	47.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.40%
24) Chloroform-d	5.08	84	49962	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	30928	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.74	84	85759	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	29436	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	67715	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	11605	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	64656	46.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26832	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	26288	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	266069	46.685	ug/L	99
12) 1,1-Dichloroethene	2.59	96	2950	0.690	ug/L #	1
13) Acetone	2.68	43	2541m	1.924	ug/L	
14) Carbon disulfide	2.81	76	1918	0.153	ug/L #	94
18) trans-1,2-Dichloroethene	3.37	96	53601	12.878	ug/L	99
19) 1,1-Dichloroethane	3.89	63	76988	8.273	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	138268	29.415	ug/L	96
33) Benzene	5.79	78	10962m	0.621	ug/L	
34) Trichloroethene	6.55	95	9133	1.916	ug/L	92

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

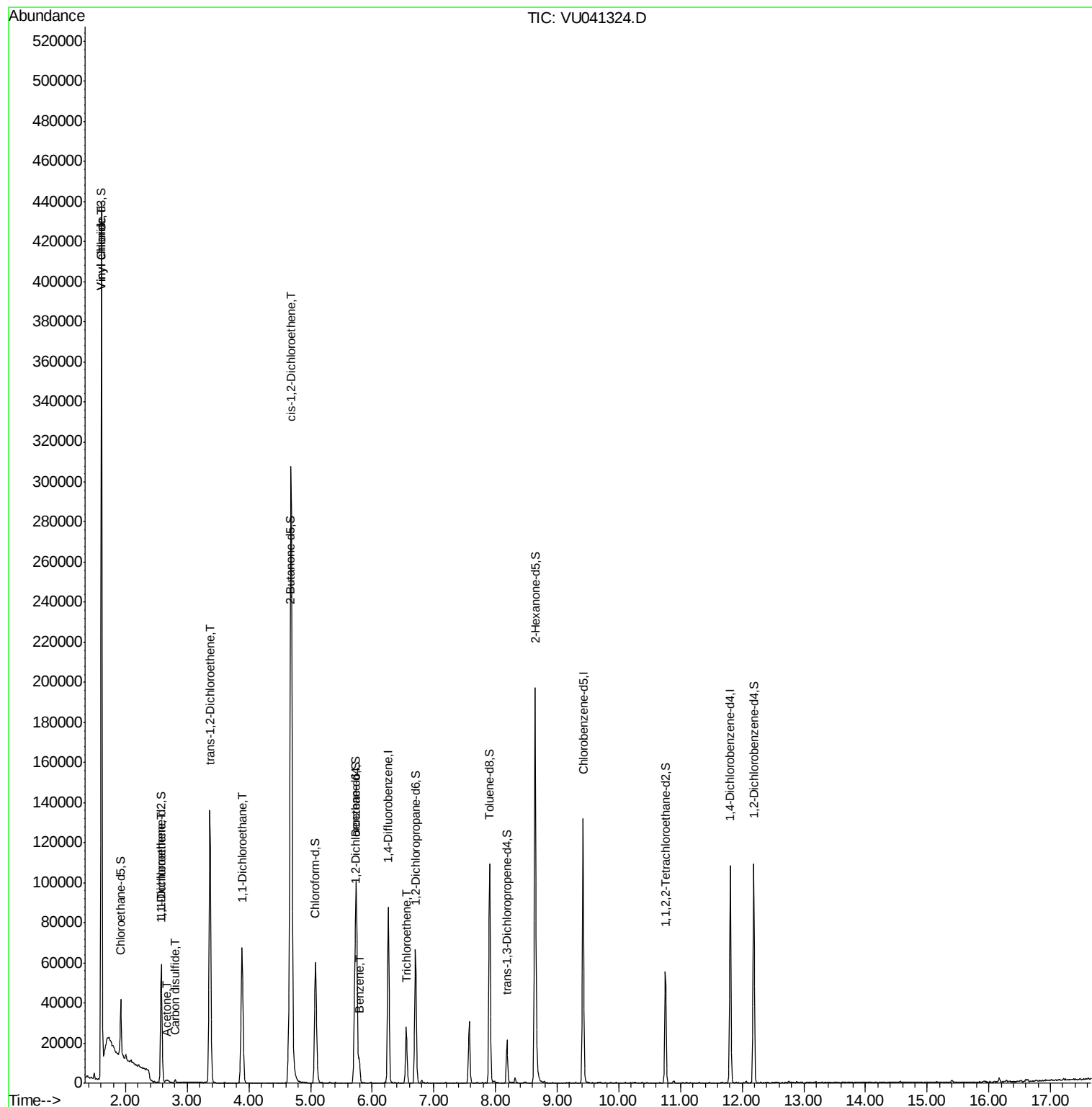
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041324.D
Acq On : 18 Nov 2020 20:13
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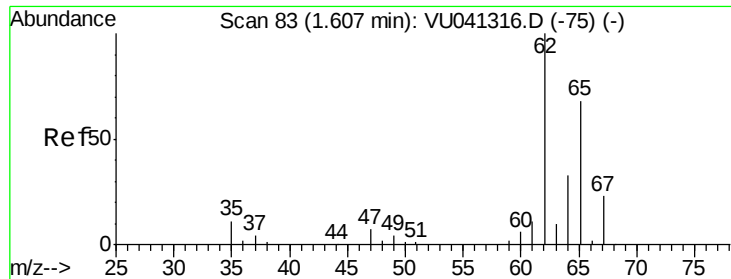
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Nov 19 01:27:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 46.685 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041324.D

Acq: 18 Nov 2020 20:13

Instrument :

MSVOA_U

ClientSampled :

H4420

Tot Ion: 62 Resp: 266069

Ion Ratio Lower Upper

62 100

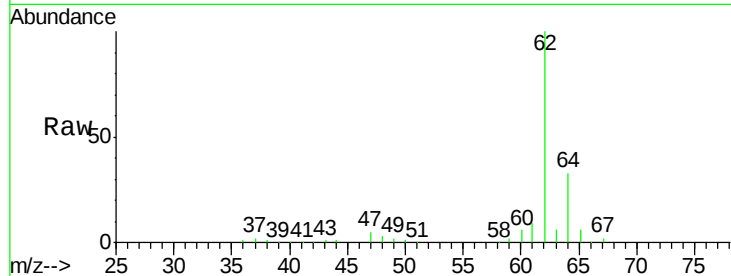
64 33.1 22.7 42.3

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

250000

200000

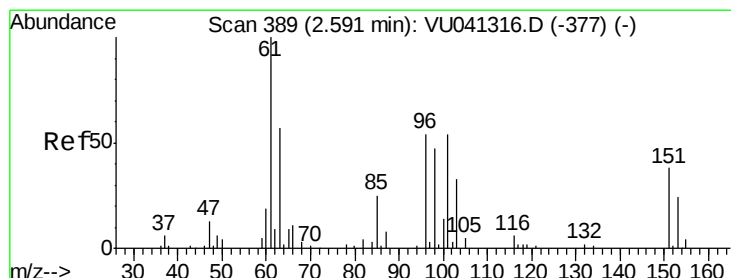
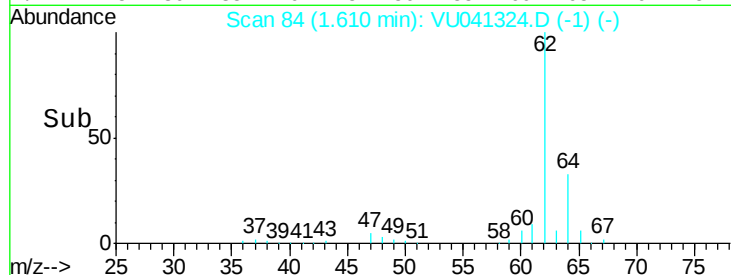
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.690 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041324.D

Acq: 18 Nov 2020 20:13

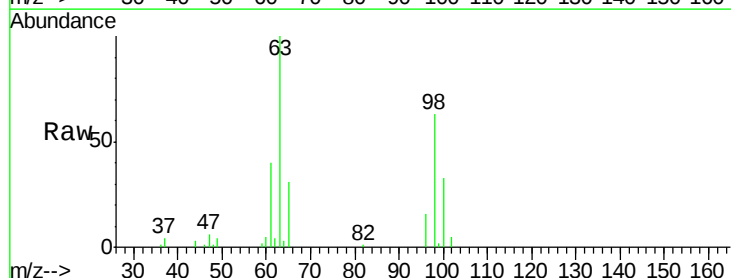
Tgt Ion: 96 Resp: 2950

Ion Ratio Lower Upper

96 100

61 244.4 134.3 249.5

63 615.6 95.0 176.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

30000

25000

20000

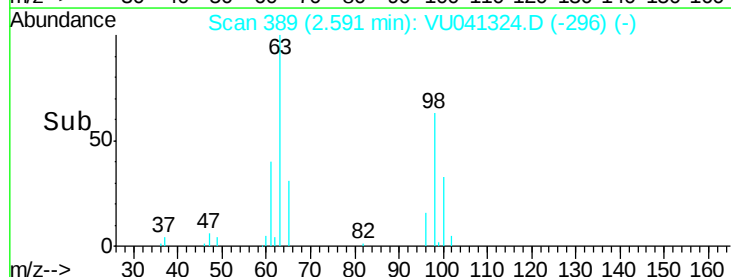
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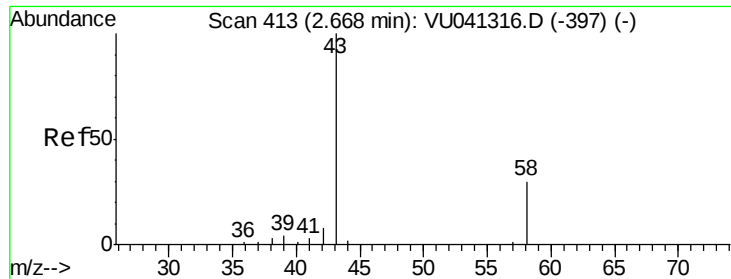
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Time-->





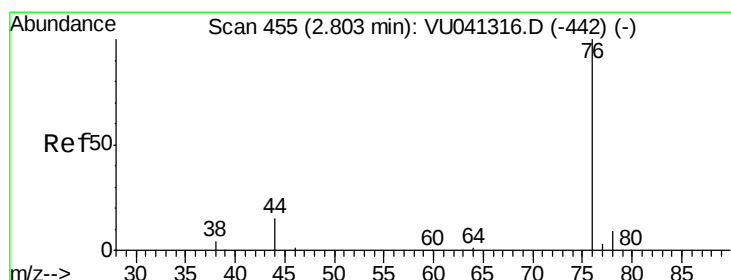
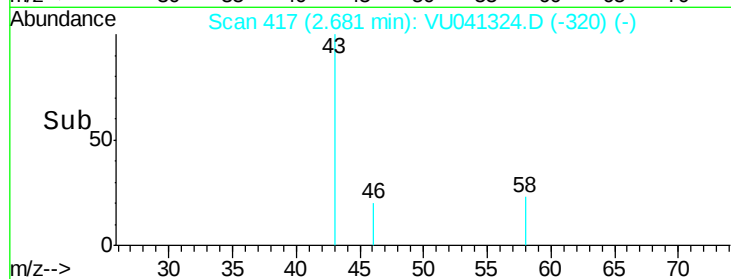
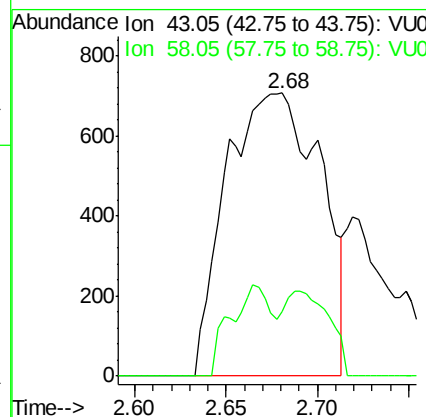
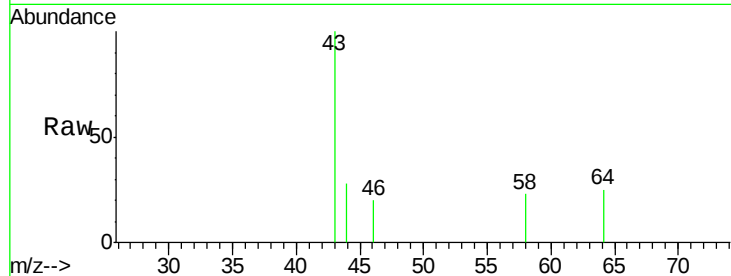
#13
Acetone
Concen: 1.924 ug/L m
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU041324.D
Acq: 18 Nov 2020 20:13

Instrument :
MSVOA_U
ClientSampled :
H4420

Tot Ion: 43 Resp: 2541
Ion Ratio Lower Upper
43 100
58 14.4 0.0 25.4

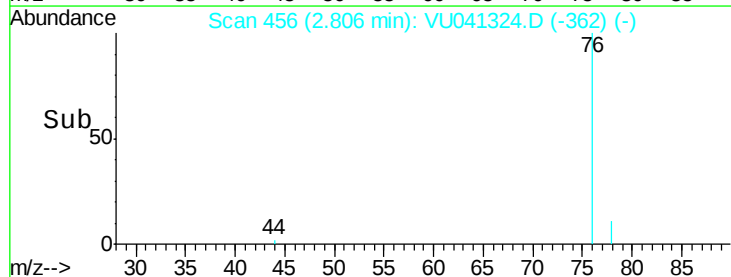
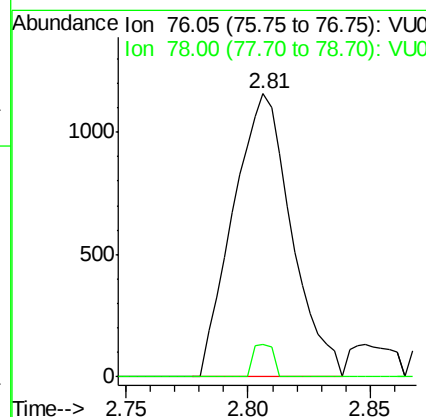
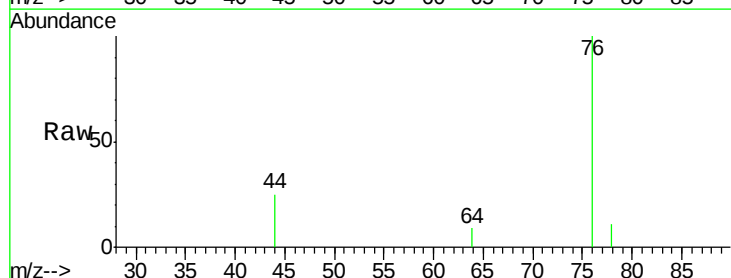
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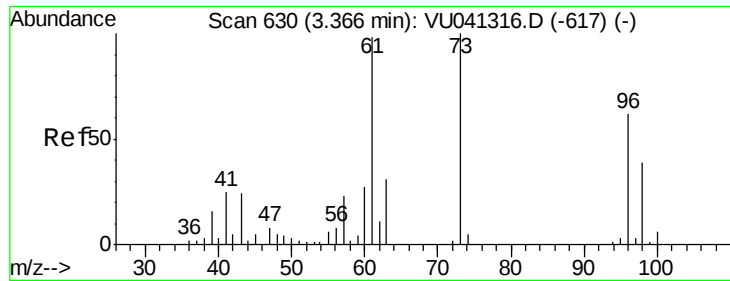
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#14
Carbon disulfide
Concen: 0.153 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041324.D
Acq: 18 Nov 2020 20:13

Tgt Ion: 76 Resp: 1918
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#





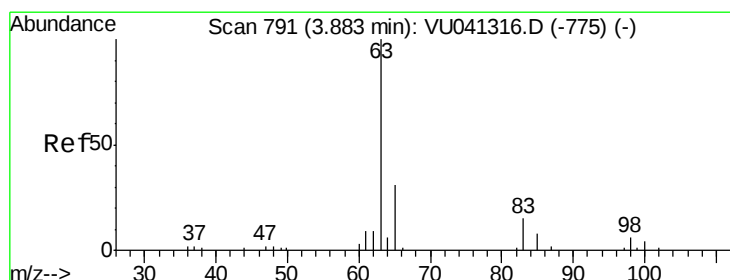
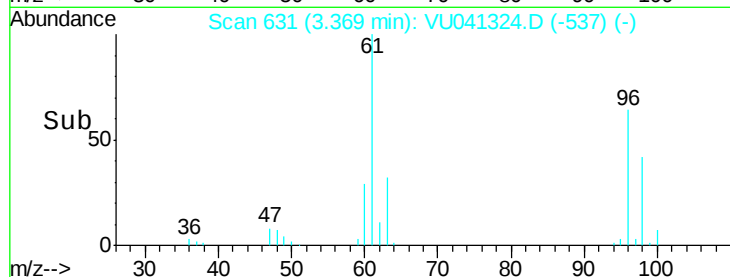
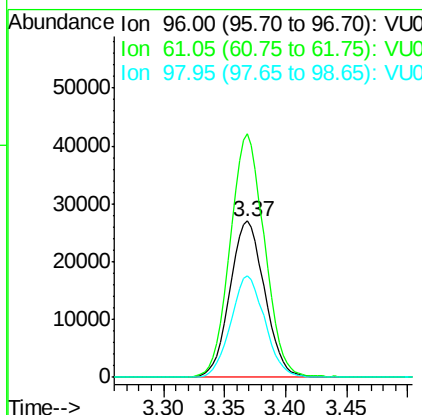
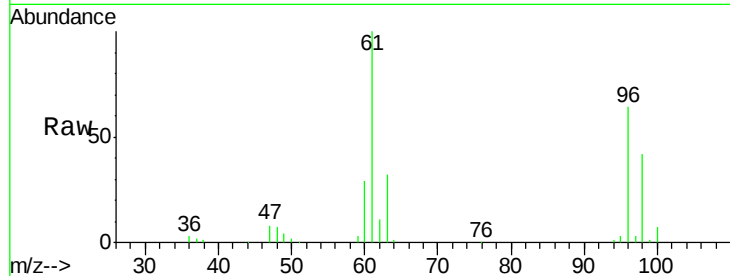
#18
trans-1,2-Dichloroethene
Concen: 12.878 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041324.D
Acq: 18 Nov 2020 20:13

Instrument :
MSVOA_U
ClientSampleId :
H4420

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	156.1	110.9	205.9	
98	65.4	45.4	84.2	

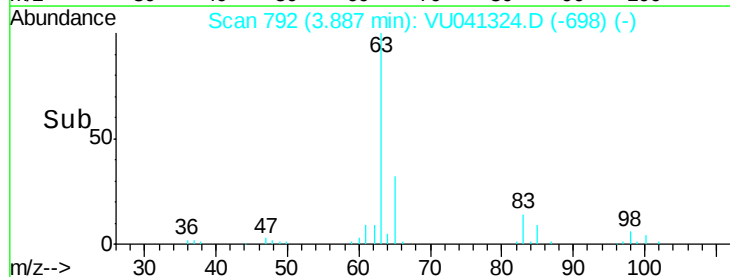
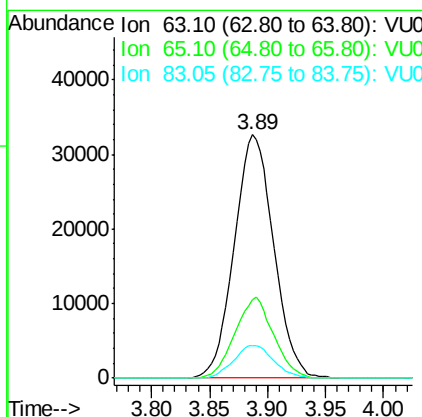
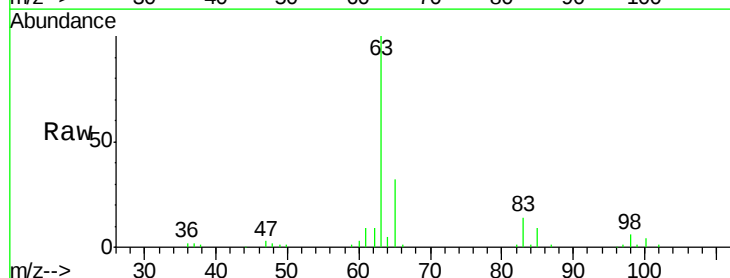
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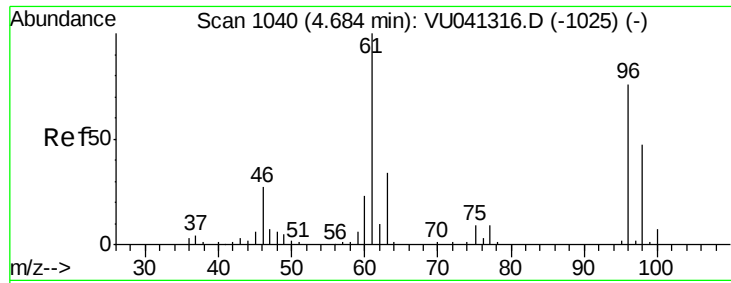
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#19
1,1-Dichloroethane
Concen: 8.273 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.00 min
Lab File: VU041324.D
Acq: 18 Nov 2020 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
65	32.1	21.3	39.6	
83	13.5	8.8	16.3	





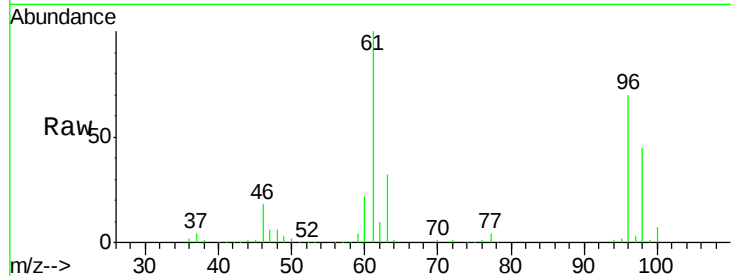
#22
 cis-1,2-Dichloroethene
 Concen: 29.415 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041324.D
 Acq: 18 Nov 2020 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 H4420

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	143.3	97.2	180.4		
68	0.0	0.0	0.0		

Manual Integrations
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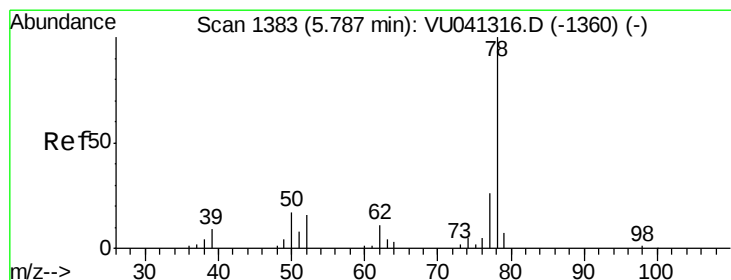
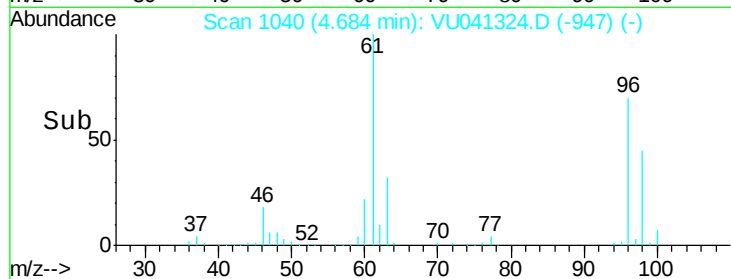
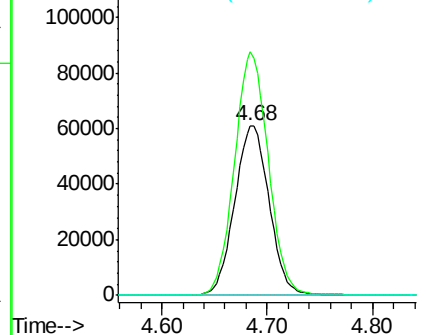
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Abundance Ion 96.00 (95.70 to 96.70): VU041316.D (-1025) (-)

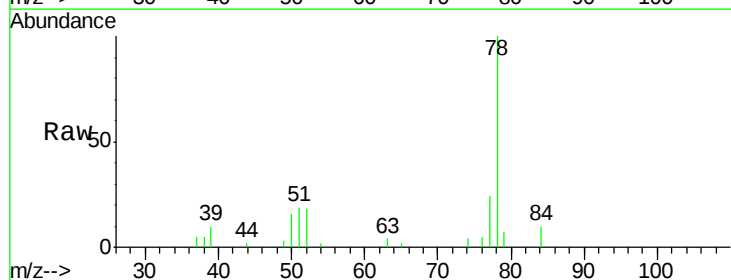
Ion 61.05 (60.75 to 61.75): VU041316.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU041316.D (-1025) (-)

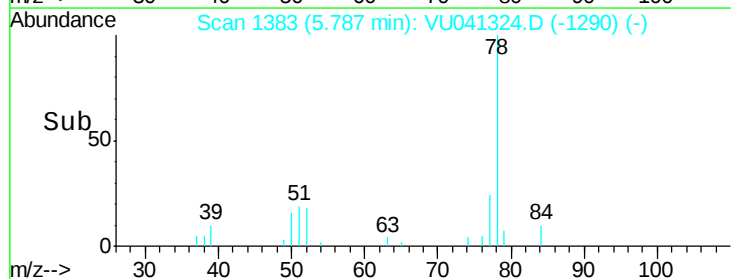
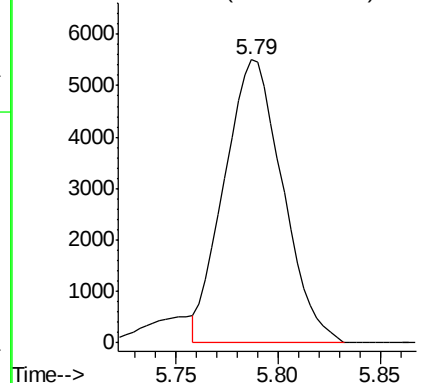


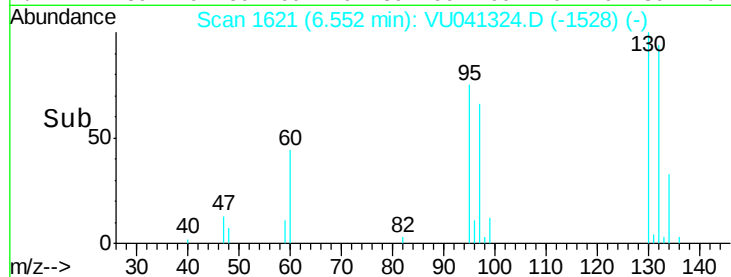
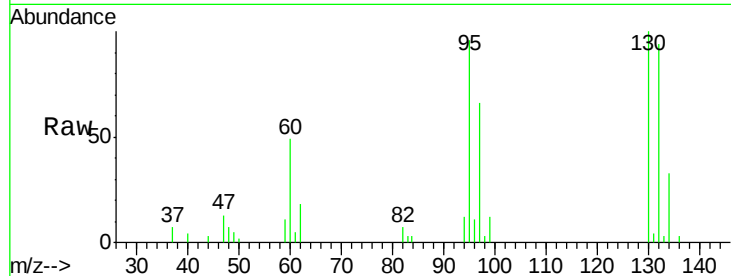
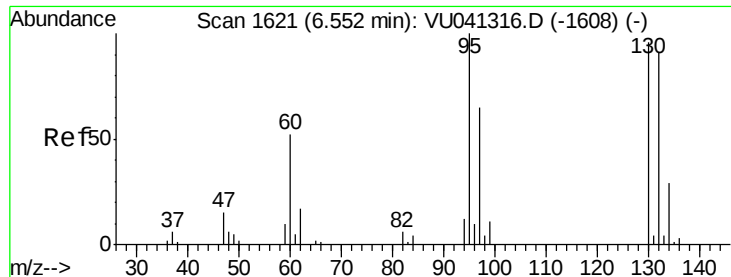
#33
 Benzene
 Concen: 0.621 ug/L m
 RT: 5.79 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VU041324.D
 Acq: 18 Nov 2020 20:13

Tgt Ion: 78 Resp: 10962



Abundance Ion 78.10 (77.80 to 78.80): VU041316.D (-1360) (-)





#34

Trichloroethene

Concen: 1.916 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041324.D

Acq: 18 Nov 2020 20:13

Tot Ion: 95 Resp: 9133

Ion Ratio Lower Upper

95 100

97 68.8 45.6 84.6

132 97.8 64.8 120.4

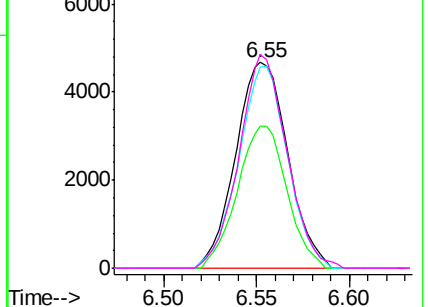
130 103.9 64.8 120.4

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



Instrument :

MSVOA_U

ClientSampleId :

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