

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040960.D
 Acq On : 26 Oct 2020 22:48
 Operator : SY/MD
 Sample : L4492-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP4

Manual Integrations
 APPROVED

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 10/27/2020 3:12:25 PM

Quant Time: Oct 27 05:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27113	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.92	69	21405	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	40598	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.66	46	93244	53.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	5.08	84	47581	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	29136	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	88326	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	29851	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	70951	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	11336	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	76427	56.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26012	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	26925	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	3807m	3.171	ug/L	
25) Chloroform	5.11	83	3210	0.351	ug/L	88
34) Trichloroethene	6.56	95	3913	0.779	ug/L	91
35) Methylcyclohexane	6.77	83	547	0.073	ug/L #	74
38) Bromodichloromethane	7.12	83	1742	0.251	ug/L #	89
42) Toluene	7.97	91	2471	0.123	ug/L	97
47) Tetrachloroethene	8.56	164	1555993	421.045	ug/L	97

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

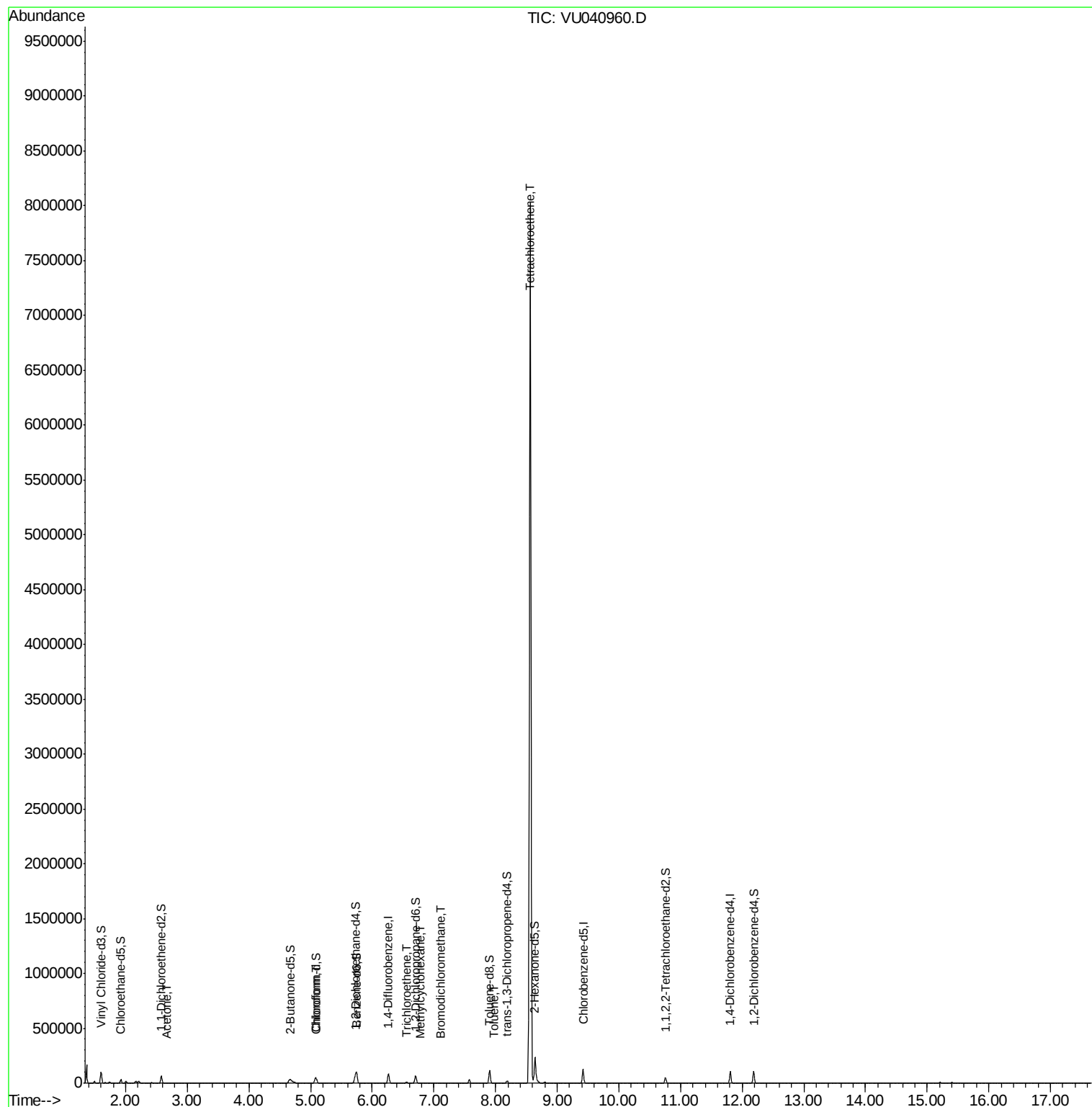
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040960.D
Acq On : 26 Oct 2020 22:48
Operator : SY/MD
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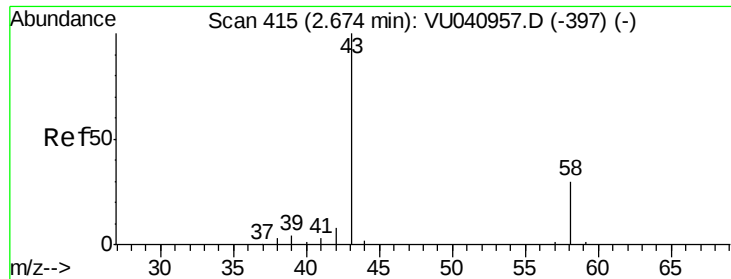
Instrument :
MSVOA_U
ClientSampleId :
C0AP4

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Quant Time: Oct 27 05:43:54 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 05:24:32 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.171 ug/L m

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU040960.D

Acq: 26 Oct 2020 22:48

Instrument :

MSVOA_U

ClientSampled :

C0AP4

Tot Ion: 43 Resp: 3807

Ion Ratio Lower Upper

43 100

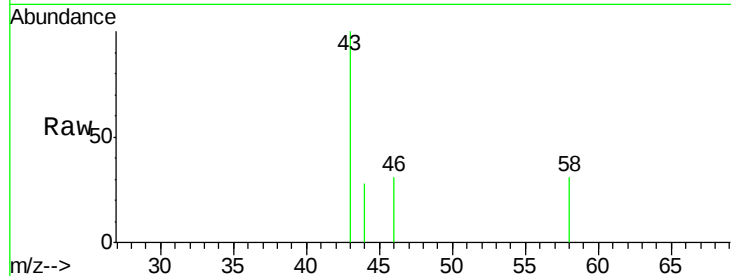
58 17.0 0.0 25.4

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU040957.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU040957.D (-397) (-)

2.66

800

600

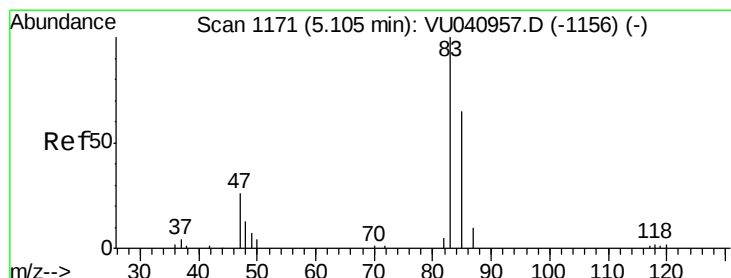
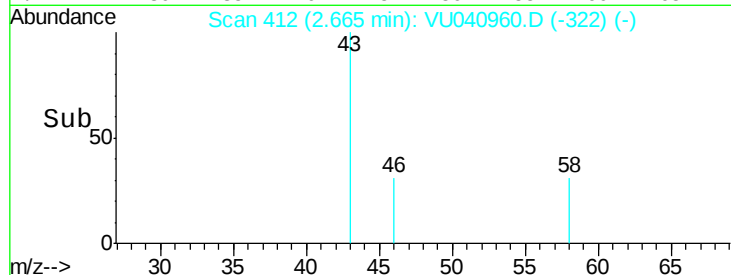
400

200

0

Time-->

2.60 2.65 2.70 2.75



#25

Chloroform

Concen: 0.351 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040960.D

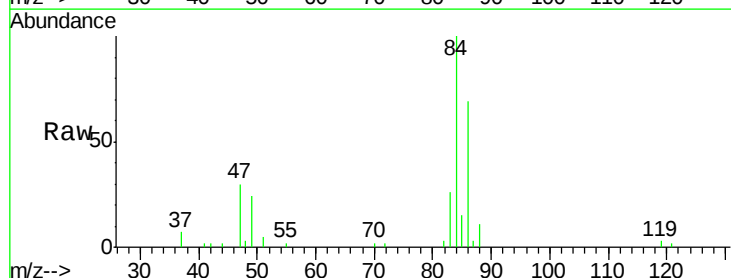
Acq: 26 Oct 2020 22:48

Tgt Ion: 83 Resp: 3210

Ion Ratio Lower Upper

83 100

85 56.5 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU040957.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU040957.D (-1156) (-)

5.11

1500

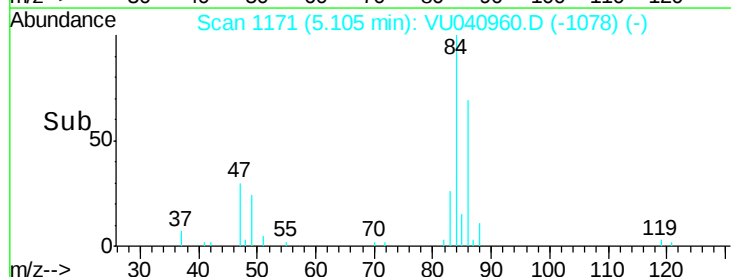
1000

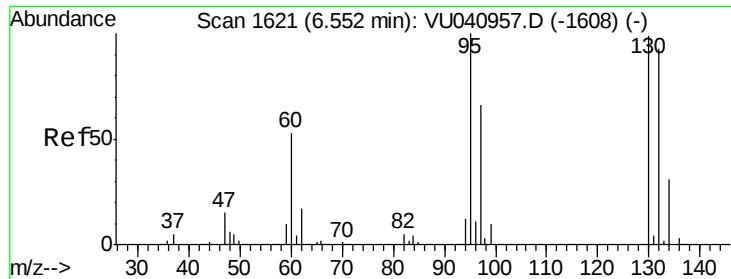
500

0

Time-->

5.05 5.10 5.15





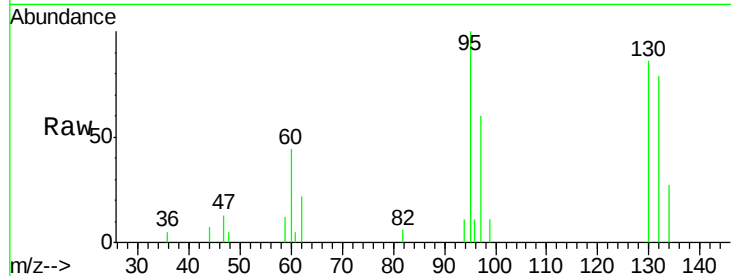
#34
 Trichloroethene
 Concen: 0.779 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040960.D
 Acq: 26 Oct 2020 22:48

Instrument :
 MSVOA_U
 ClientSampled :
 C0AP4

Tot Ion:	95	Resp:	3913
Ion	Ratio	Lower	Upper
95	100		
97	60.5	45.6	84.6
132	79.3	64.8	120.4
130	85.7	64.8	120.4

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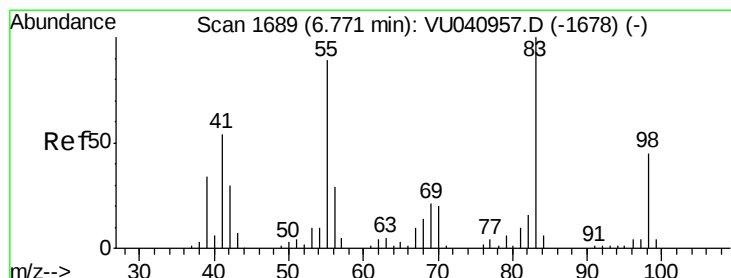
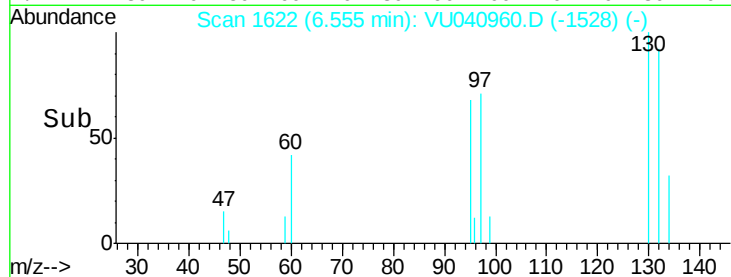
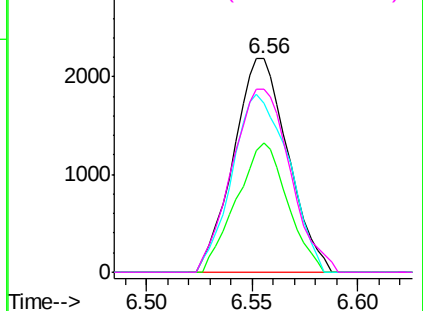


Abundance Ion 95.00 (94.70 to 95.70): VU040957.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU040957.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU040957.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU040957.D (-1608) (-)



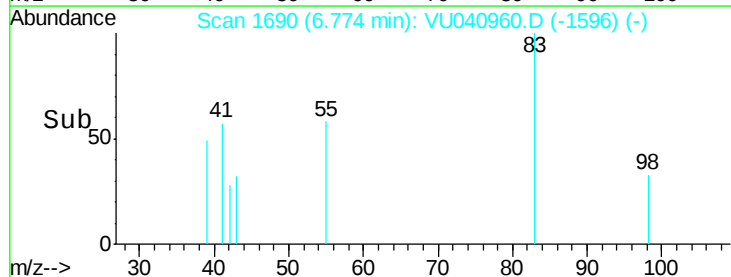
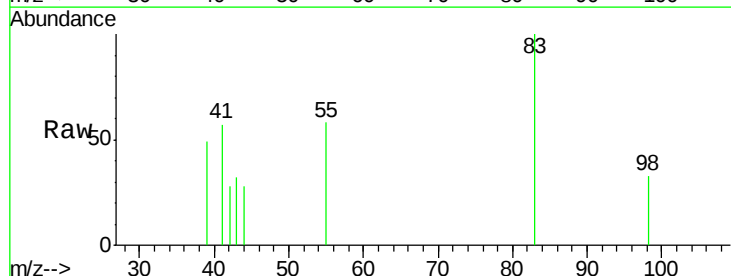
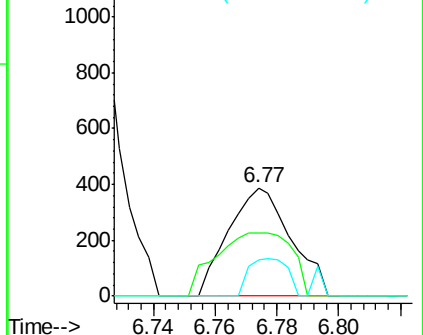
#35
 Methylcyclohexane
 Concen: 0.073 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU040960.D
 Acq: 26 Oct 2020 22:48

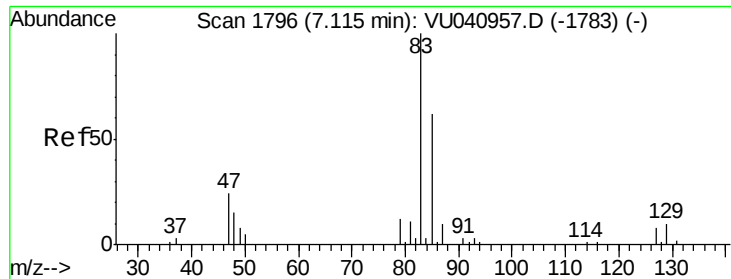
Tgt Ion:	83	Resp:	547
Ion	Ratio	Lower	Upper
83	100		
55	70.4	72.0	108.0#
98	21.2	36.6	55.0#

Abundance Ion 83.15 (82.85 to 83.85): VU040957.D (-1678) (-)

Ion 55.10 (54.80 to 55.80): VU040957.D (-1678) (-)

Ion 98.15 (97.85 to 98.85): VU040957.D (-1678) (-)





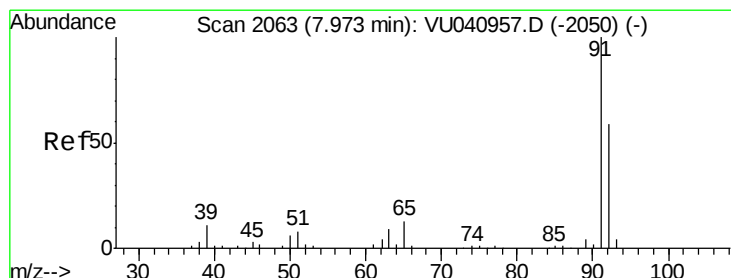
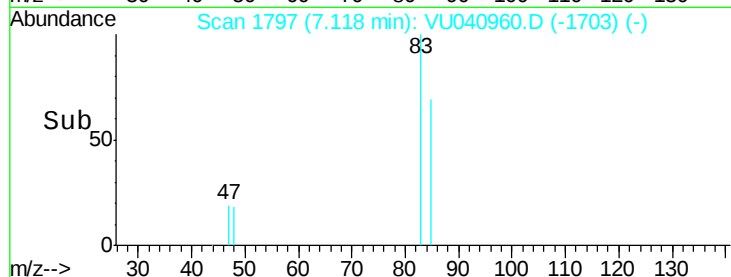
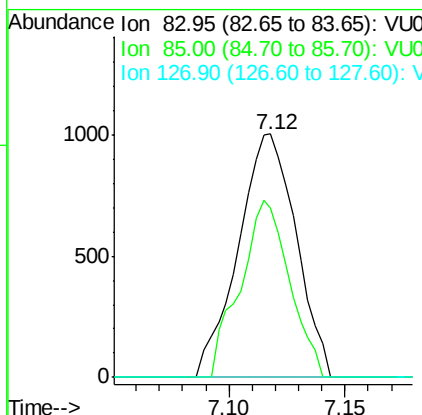
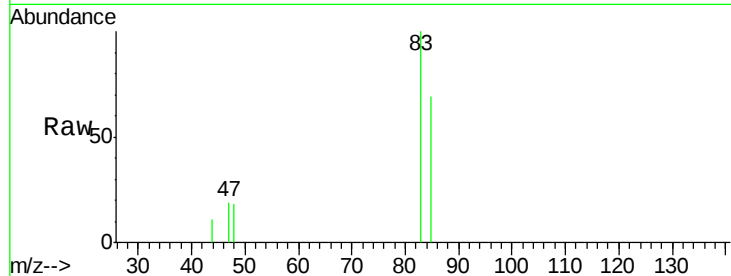
#38
 Bromodichloromethane
 Concen: 0.251 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU040960.D
 Acq: 26 Oct 2020 22:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP4

Tot Ion	Ratio	Lower	Upper
83	100		
85	69.5	43.3	80.3
127	0.0	5.9	8.9#

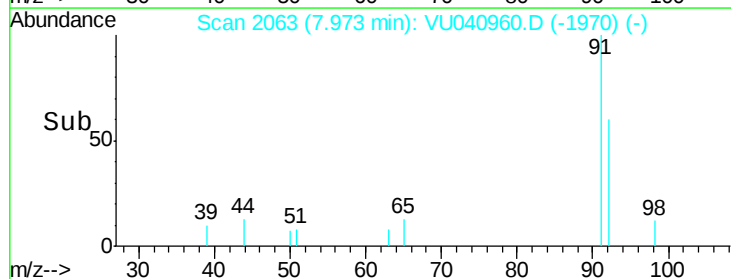
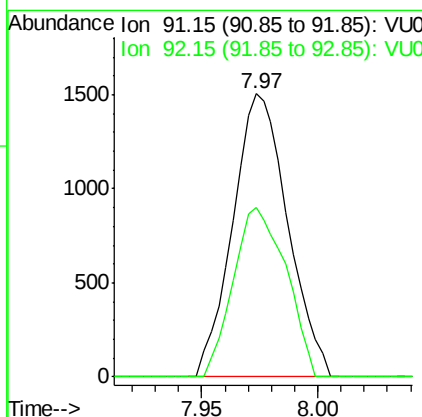
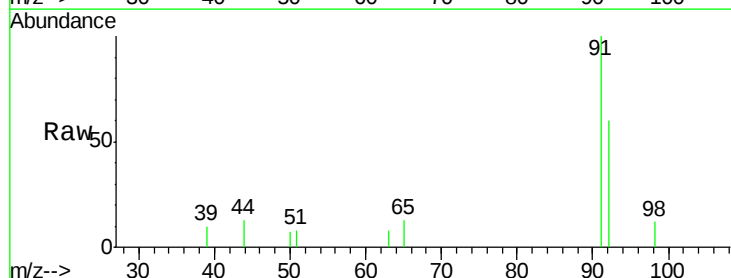
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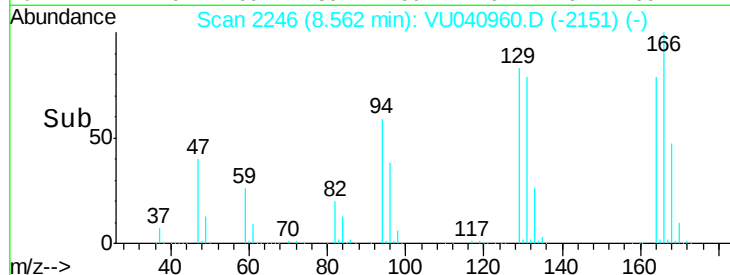
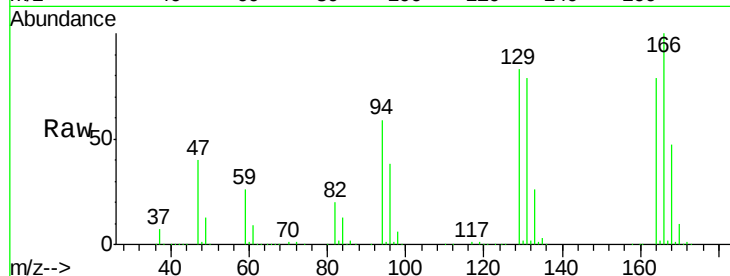
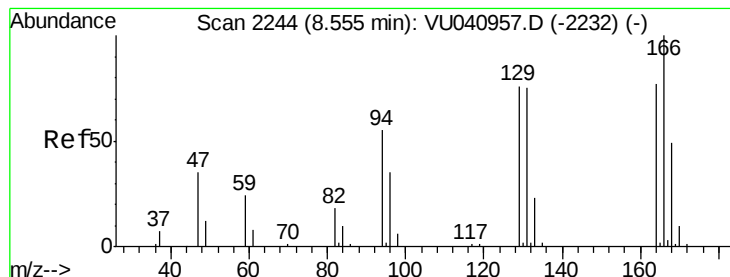
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#42
 Toluene
 Concen: 0.123 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU040960.D
 Acq: 26 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.6	75.4





#47

Tetrachloroethene

Concen: 421.045 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU040960.D

Acq: 26 Oct 2020 22:48

Tot Ion:164 Resp: 1555993

Ion Ratio Lower Upper

164 100

129 105.3 70.3 130.7

131 101.2 70.8 131.4

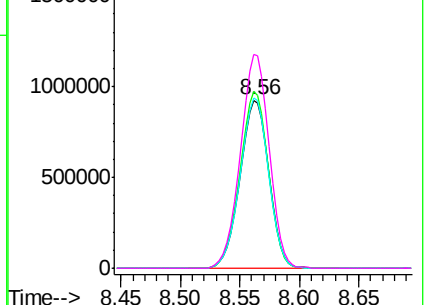
166 127.4 92.0 170.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Instrument :

MSVOA_U

ClientSampleId :

C0AP4

Manual Integrations

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