

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040490.D
 Acq On : 03 Oct 2020 19:23
 Operator : SY/MD
 Sample : L4266-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFA0

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 10:44:37 AM

Quant Time: Oct 05 02:57:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29373	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	25340	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	47643	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.67	46	133586	44.21	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.42%
24) Chloroform-d	5.08	84	63205	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	41777	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.75	84	119703	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	42066	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	101841	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	16949	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	91576	43.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37280	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	40111	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	24678	2.042 ug/L	99
6) Bromomethane	1.87	94	589	0.102 ug/L	78
13) Acetone	2.67	43	8215m	3.262 ug/L	
34) Trichloroethene	6.56	95	5223	0.487 ug/L	95
47) Tetrachloroethene	8.56	164	202424	26.564 ug/L	97

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

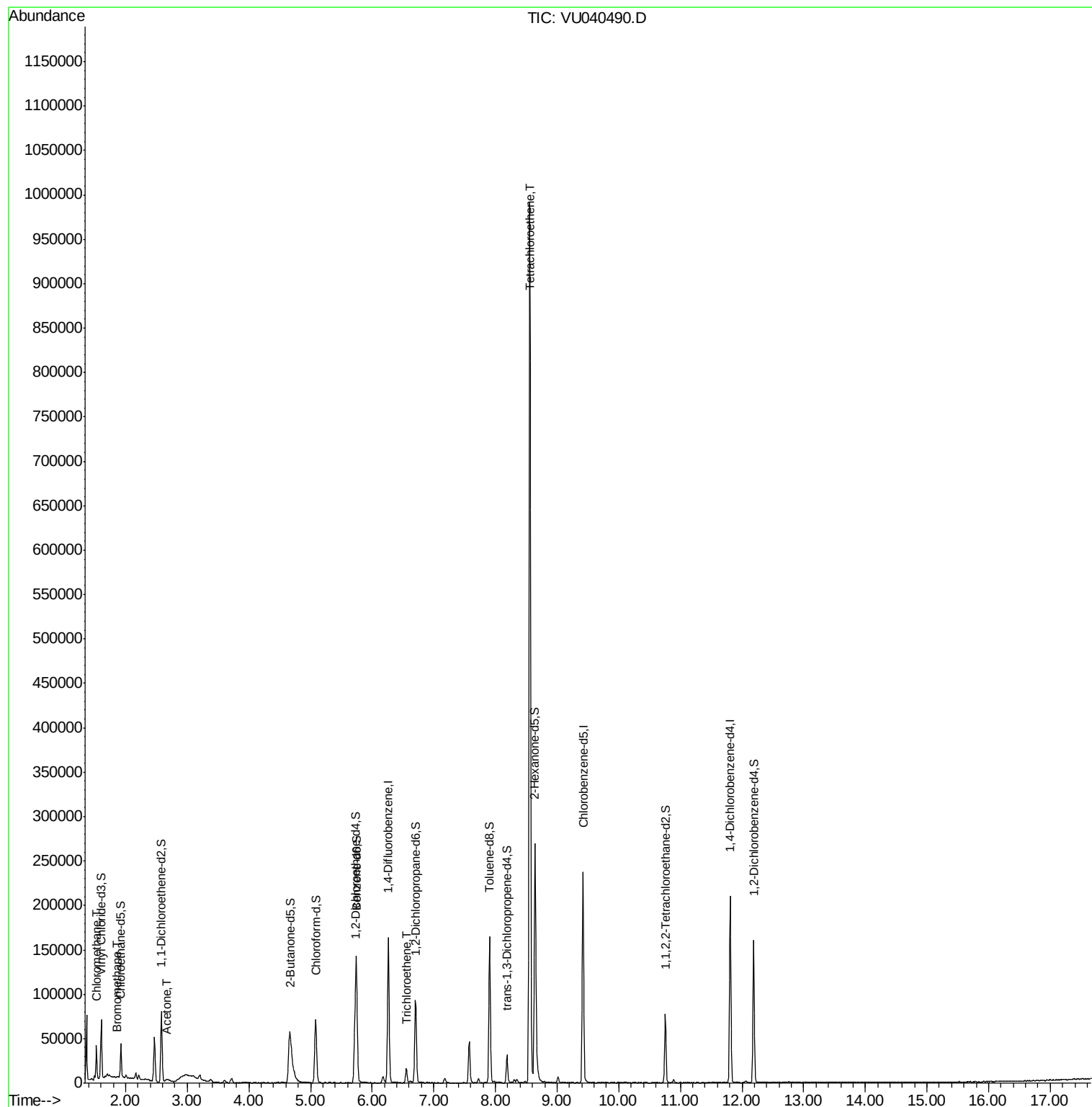
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040490.D
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Operator : SY/MD
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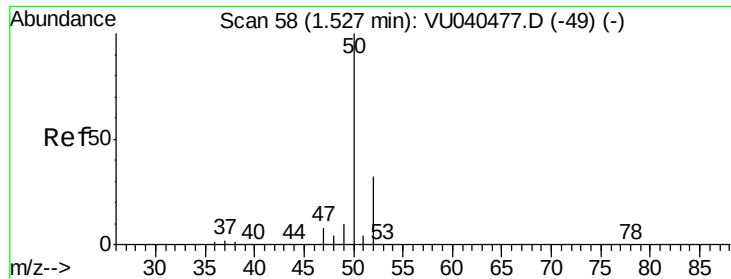
Instrument :
MSVOA_U
ClientSampleId :
BFS0A0

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Quant Time: Oct 05 02:57:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.042 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040490.D

Acq: 03 Oct 2020 19:23

Instrument :

MSVOA_U

ClientSampled :

BFSA0

Tot Ion: 50 Resp: 24678

Ion Ratio Lower Upper

50 100

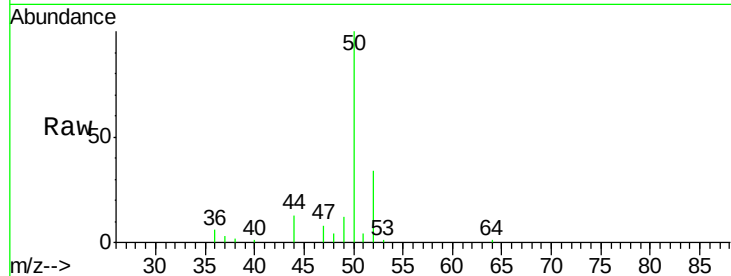
52 33.6 23.0 42.6

Manual Integrations

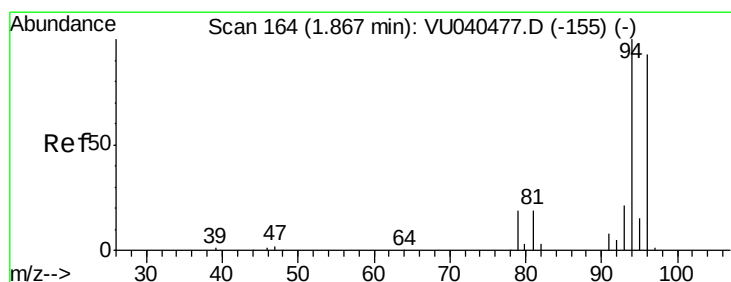
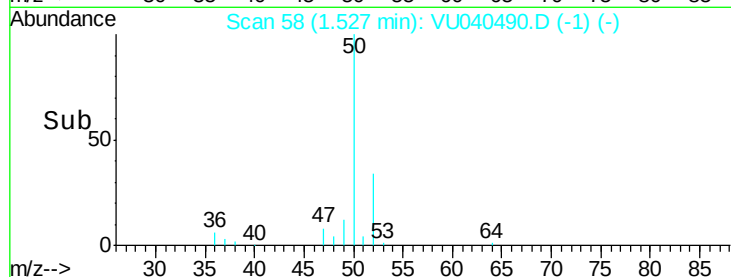
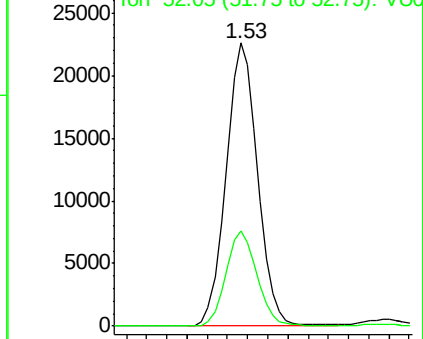
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Abundance Ion 50.05 (49.75 to 50.75): VU040490.D (-1) (-)



#6

Bromomethane

Concen: 0.102 ug/L

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU040490.D

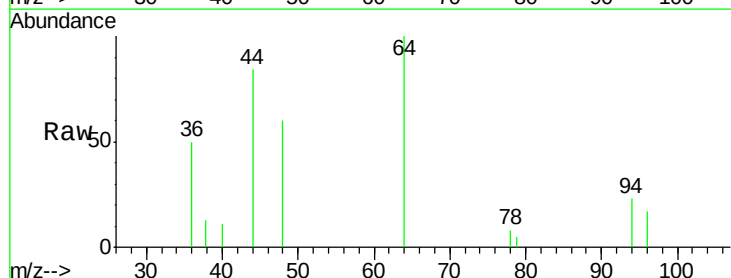
Acq: 03 Oct 2020 19:23

Tgt Ion: 94 Resp: 589

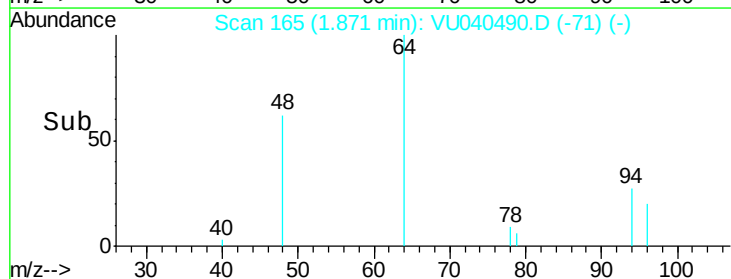
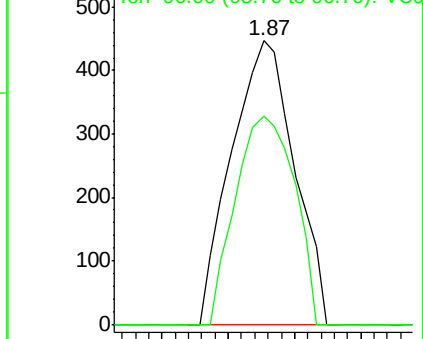
Ion Ratio Lower Upper

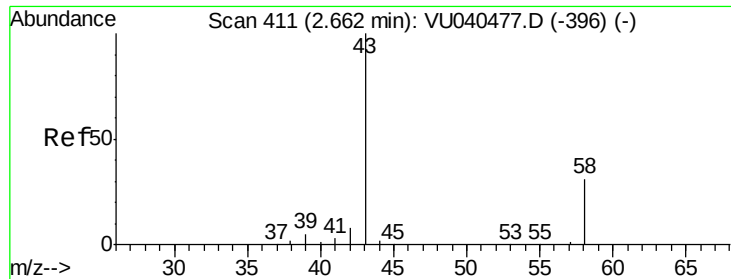
94 100

96 73.4 66.3 123.1



Abundance Ion 94.00 (93.70 to 94.70): VU040490.D (-71) (-)





#13

Acetone

Concen: 3.262 ug/L m

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040490.D

Acq: 03 Oct 2020 19:23

Instrument :

MSVOA_U

ClientSampled :

BFSA0

Tot Ion: 43 Resp: 8215

Ion Ratio Lower Upper

43 100

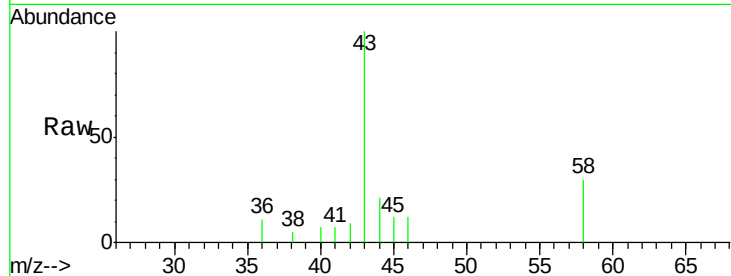
58 14.9 0.0 61.8

Manual Integrations

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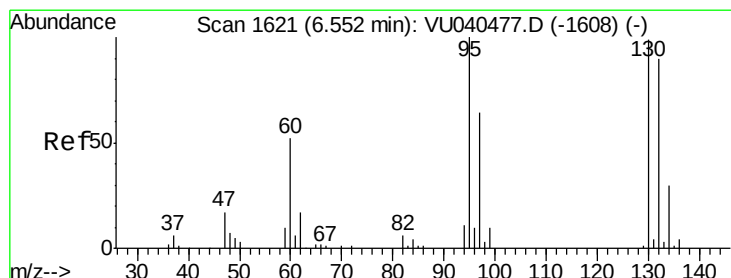
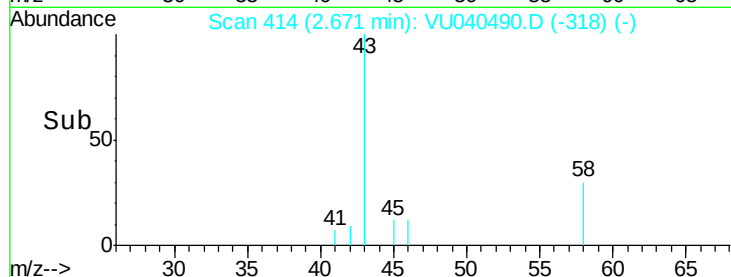
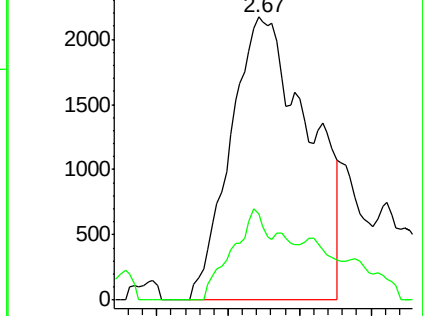
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Abundance Ion 43.05 (42.75 to 43.75): VU040477.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU040477.D (-396) (-)



#34

Trichloroethene

Concen: 0.487 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040490.D

Acq: 03 Oct 2020 19:23

Tgt Ion: 95 Resp: 5223

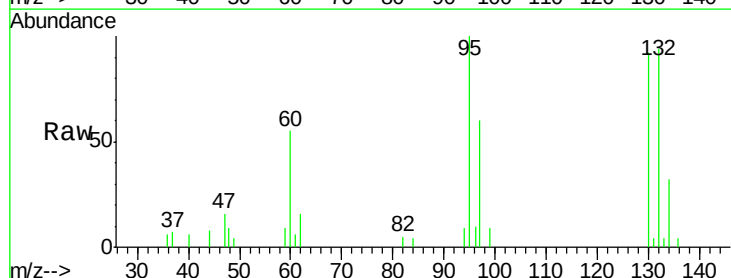
Ion Ratio Lower Upper

95 100

97 59.6 46.3 85.9

132 93.9 60.5 112.3

130 92.3 64.3 119.3

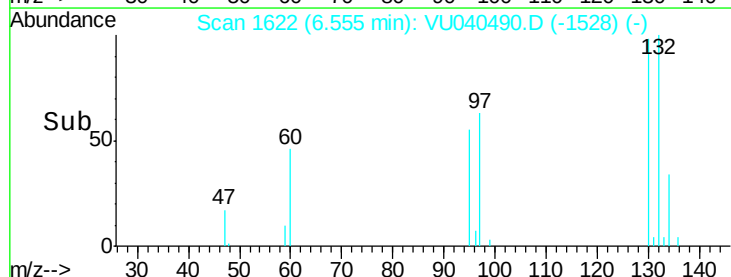
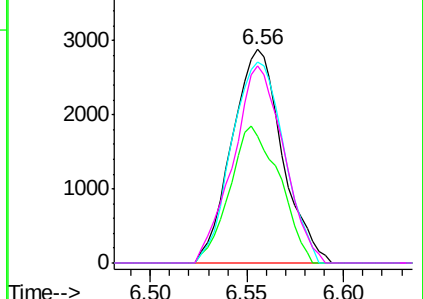


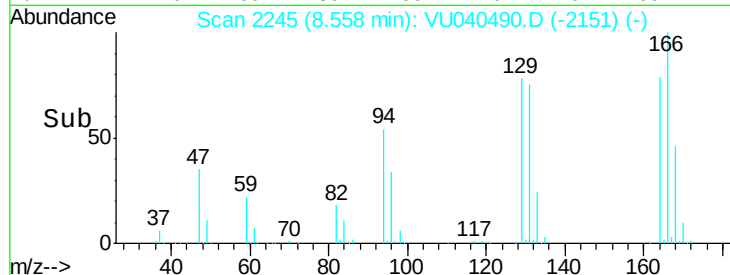
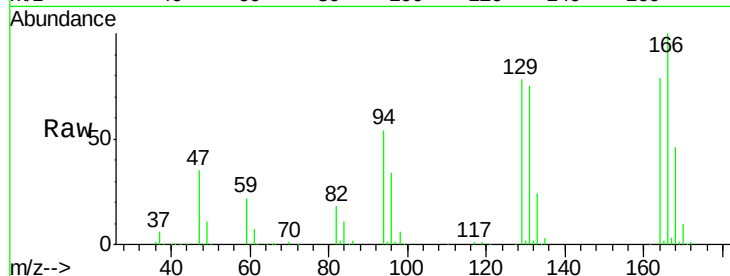
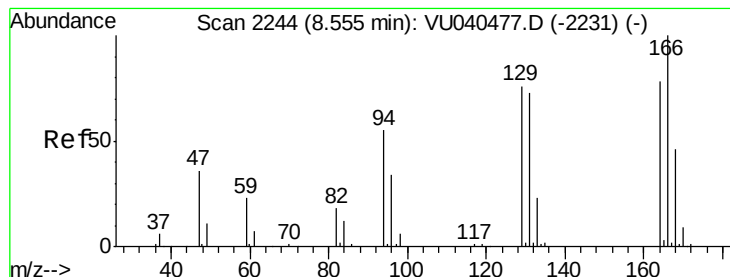
Abundance Ion 95.00 (94.70 to 95.70): VU040477.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU040477.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU040477.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU040477.D (-1608) (-)





#47

Tetrachloroethene

Concen: 26.564 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040490.D

Acq: 03 Oct 2020 19:23

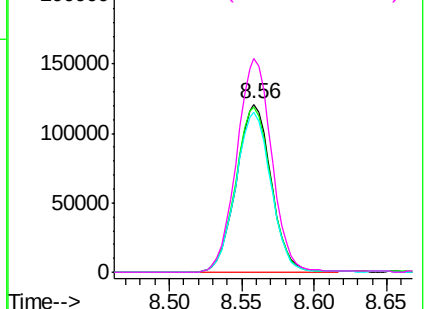
Tot Ion	Ratio	Resp	Lower	Upper
164	100	202424		
129	98.6		70.3	130.7
131	95.1		69.2	128.6
166	127.1		91.1	169.3

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 :
BFS00

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