

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040491.D
 Acq On : 03 Oct 2020 19:47
 Operator : SY/MD
 Sample : L4266-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS3

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 03:00:42 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	122324	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30142	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	25791	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	49498	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.66	46	135039	44.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	5.08	84	64076	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	41388	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.75	84	123516	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	43265	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.91	98	101452	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.19	79	16315	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	91102	41.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38068	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	41427	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	8647	0.719 ug/L	98
13) Acetone	2.67	43	8209m	3.275 ug/L	
14) Carbon disulfide	2.81	76	1614	0.055 ug/L #	92
42) Toluene	7.97	91	1454	0.034 ug/L	93
47) Tetrachloroethene	8.56	164	91104	11.674 ug/L	97

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

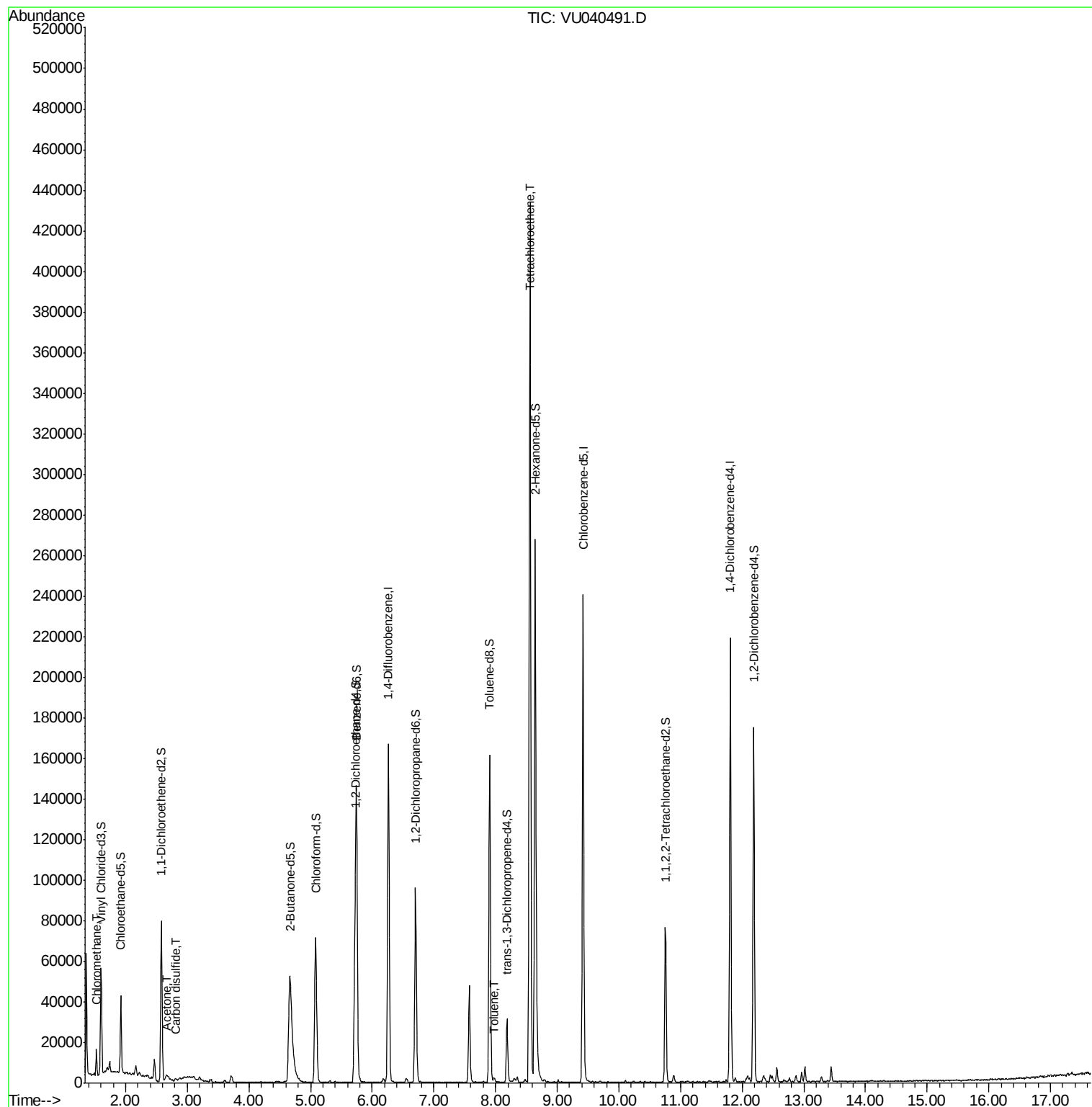
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040491.D
Acq On : 03 Oct 2020 19:47
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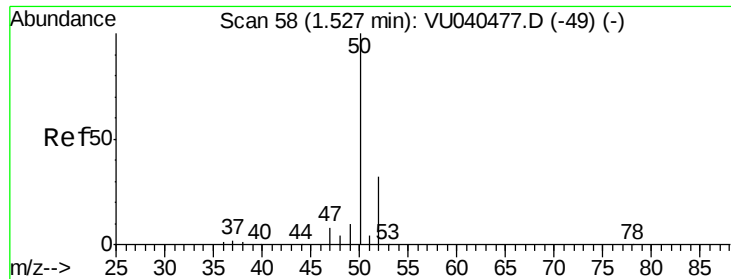
Instrument :
MSVOA_U
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BFSA3

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Quant Time: Oct 05 03:00:42 2020
Quant Method : Z:\V0ASRV\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: 0.719 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040491.D

Acq: 03 Oct 2020 19:47

Instrument :

MSVOA_U

ClientSampleId :

BFSA3

Tot Ion: 50 Resp: 8647

Ion Ratio Lower Upper

50 100

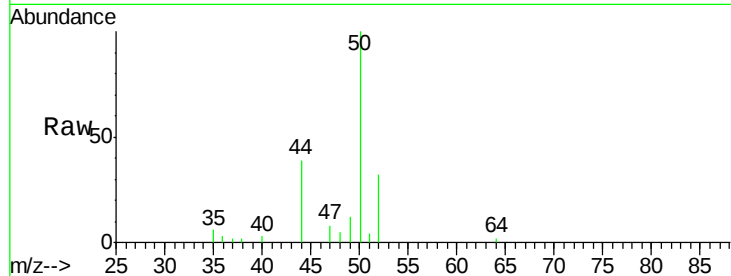
52 31.8 23.0 42.6

Manual Integrations

APPROVED

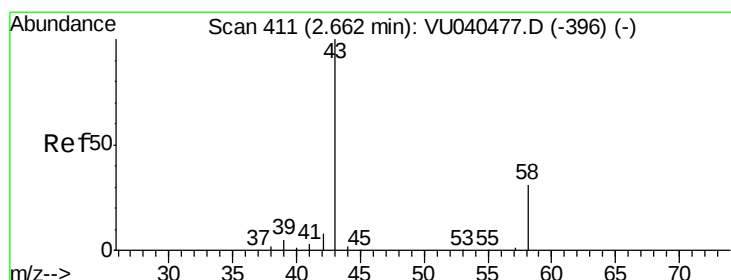
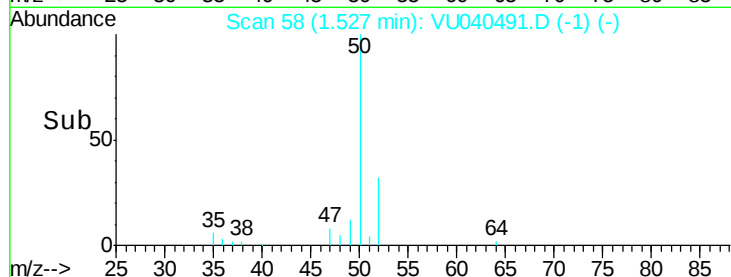
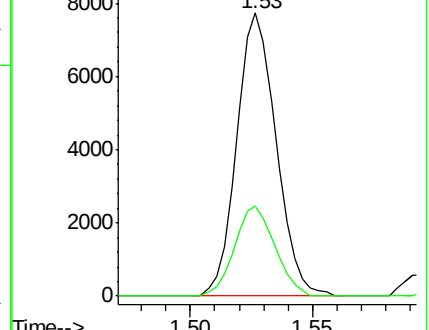
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10/5/2020 10:44:44 AM



Abundance Ion 50.05 (49.75 to 50.75): VU040491.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040491.D (-1) (-)



#13

Acetone

Concen: 3.275 ug/L m

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040491.D

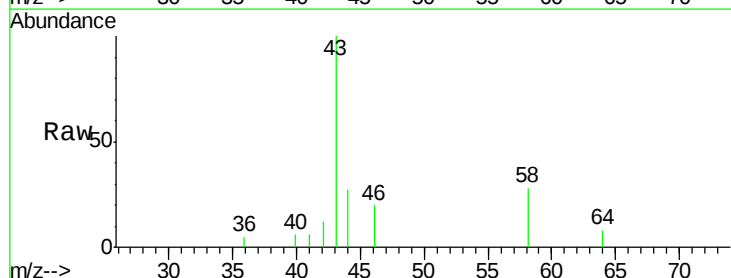
Acq: 03 Oct 2020 19:47

Tgt Ion: 43 Resp: 8209

Ion Ratio Lower Upper

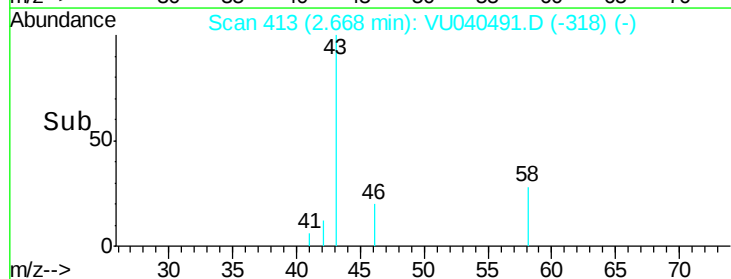
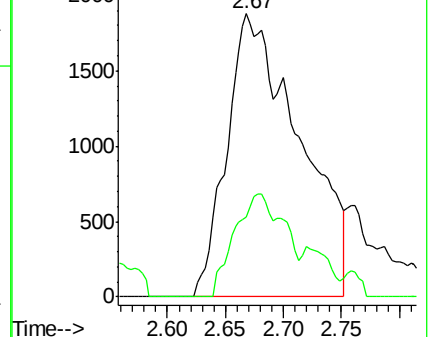
43 100

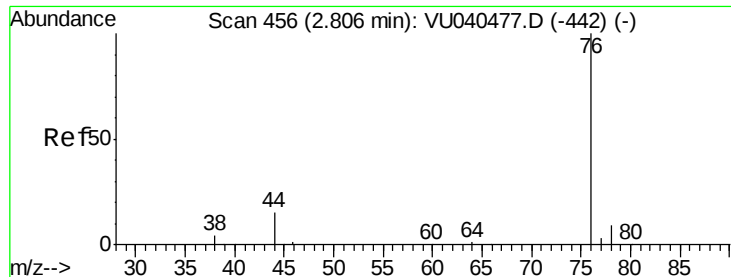
58 25.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040491.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU040491.D (-318) (-)





#14

Carbon disulfide

Concen: 0.055 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040491.D

Acq: 03 Oct 2020 19:47

Instrument :

MSVOA_U

ClientSampled :

BFSA3

Tot Ion: 76 Resp: 1614

Ion Ratio Lower Upper

76 100

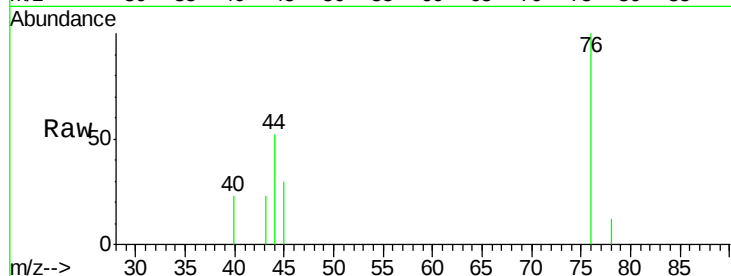
78 12.0 7.2 10.8#

Manual Integrations

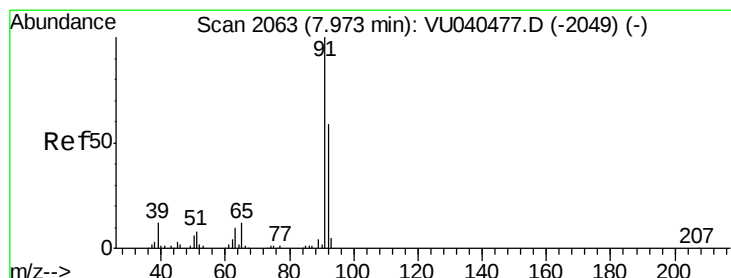
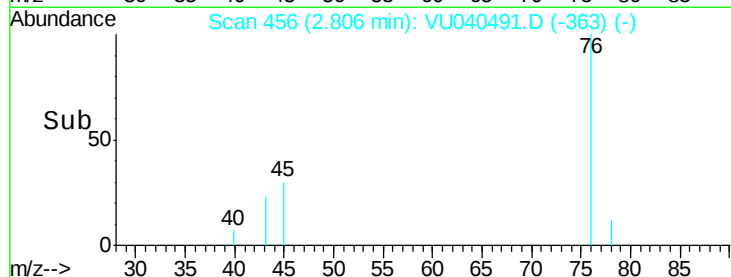
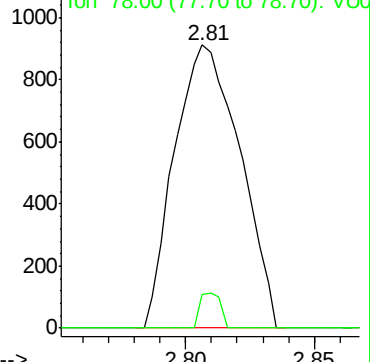
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Abundance Ion 76.05 (75.75 to 76.75): VU040491.D (-363) (-)



#42

Toluene

Concen: 0.034 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU040491.D

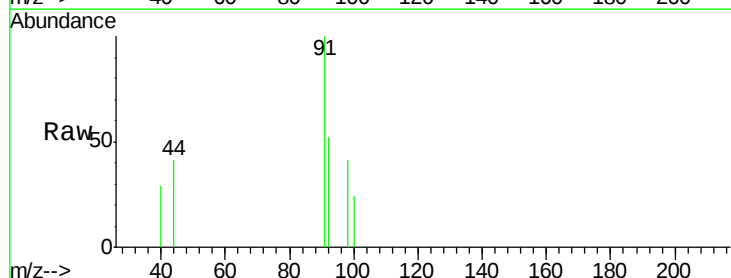
Acq: 03 Oct 2020 19:47

Tgt Ion: 91 Resp: 1454

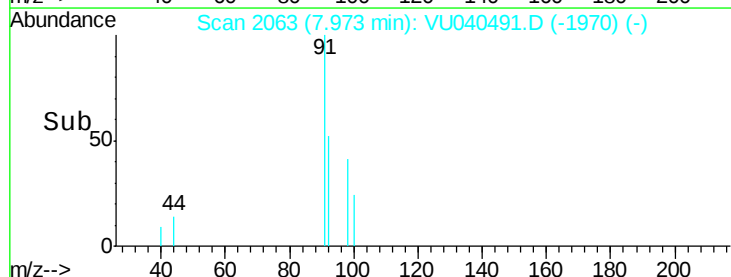
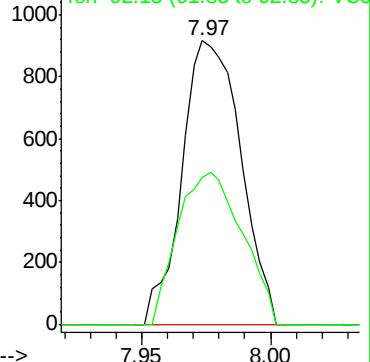
Ion Ratio Lower Upper

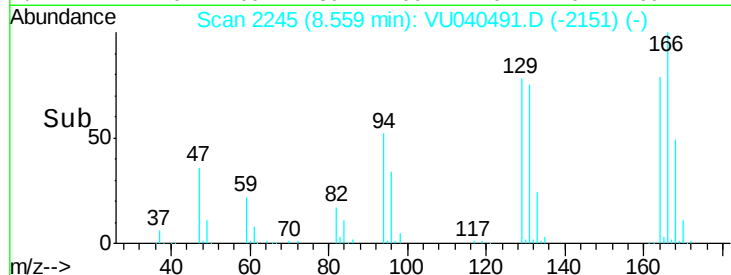
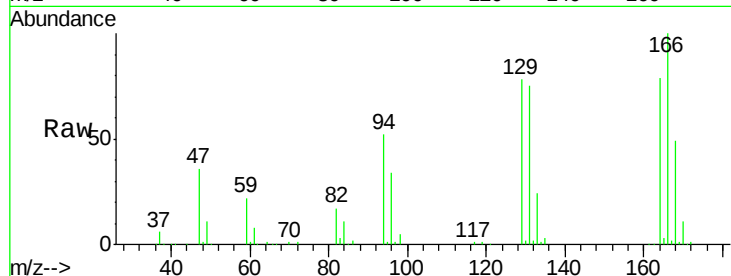
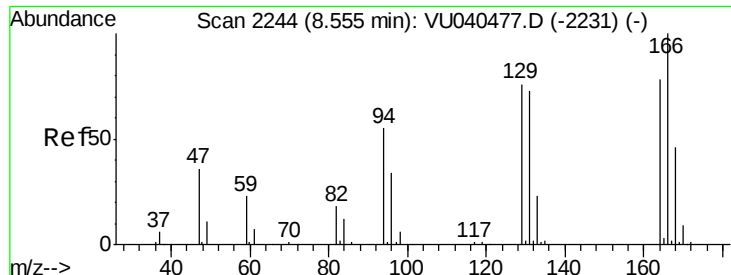
91 100

92 51.9 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU040491.D (-1970) (-)





#47

Tetrachloroethene

Concen: 11.674 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040491.D

Acq: 03 Oct 2020 19:47

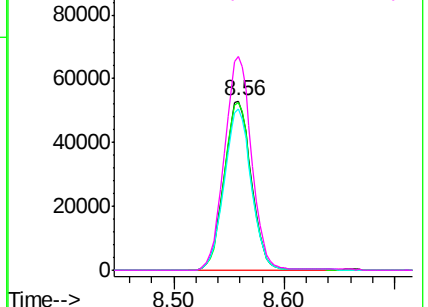
Tot Ion:	164	Resp:	91104
Ion Ratio	Lower	Upper	
164	100		
129	98.6	70.3	130.7
131	94.9	69.2	128.6
166	126.0	91.1	169.3

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 :

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ClientSampleId :

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