

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122920\
 Data File : VU041832.D
 Acq On : 29 Dec 2020 12:33
 Operator : SY/MD
 Sample : L5204-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL6

Manual Integrations
 APPROVED

SAM
 12/30/2020 2:22:55 PM

Quant Time: Dec 30 03:20:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 30 01:48:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	144344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	142199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63147	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	55812	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.92	69	53837	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.20%
11) 1,1-Dichloroethene-d2	2.58	63	80954	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.65	46	176429	54.43	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.86%
24) Chloroform-d	5.08	84	110767	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.72	65	53891	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	194108	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	60205	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	167586	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.18	79	23889	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	128273	40.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54053	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	60498	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	2134m	1.035	ug/L	
17) Methyl tert-butyl Ether	3.38	73	2300	0.088	ug/L	# 79
22) cis-1,2-Dichloroethene	4.68	96	5586	0.499	ug/L	99
34) Trichloroethene	6.55	95	5439	0.476	ug/L	97
47) Tetrachloroethene	8.56	164	1184	0.148	ug/L	90

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

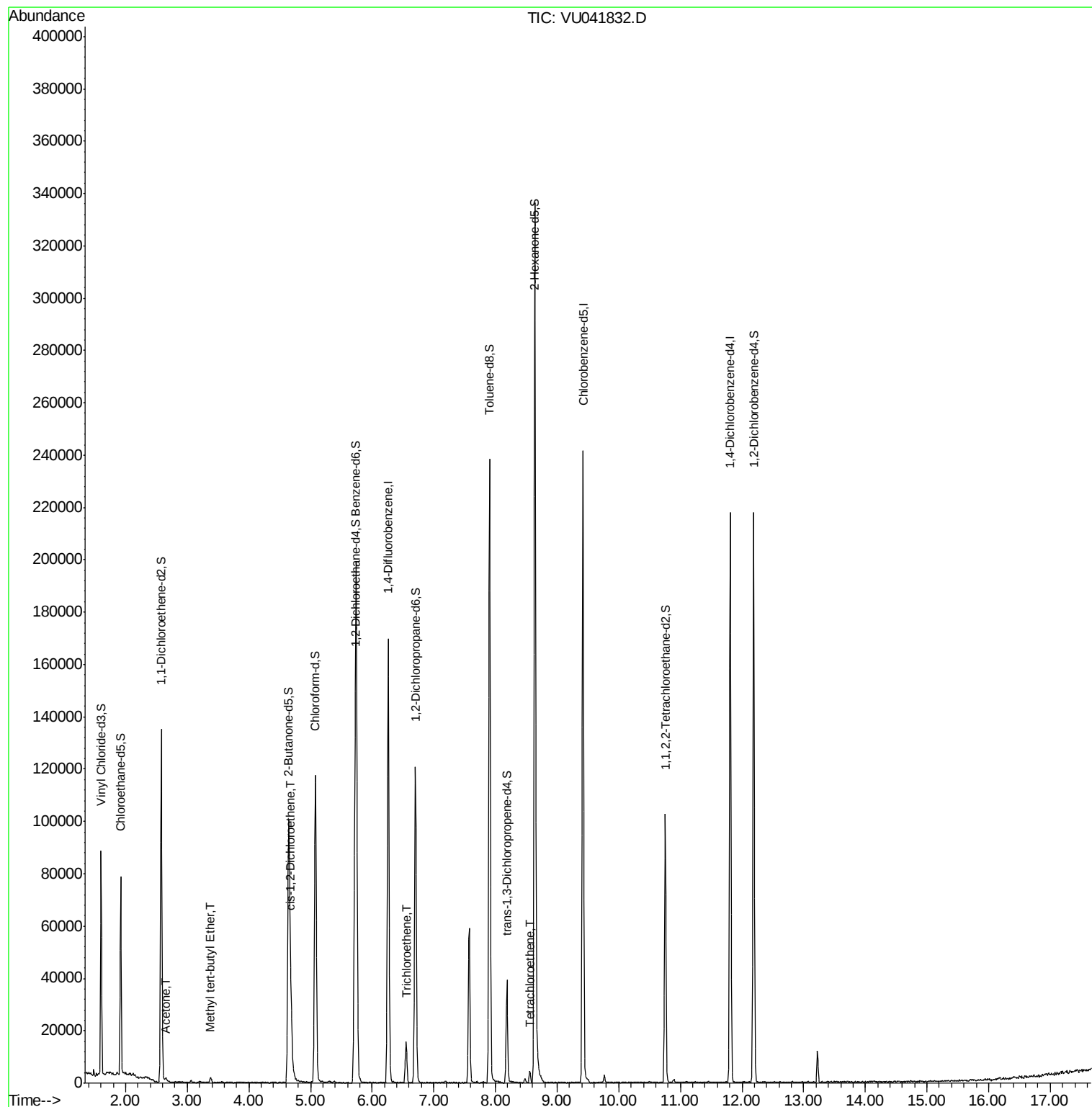
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122920\
Data File : VU041832.D
Acq On : 29 Dec 2020 12:33
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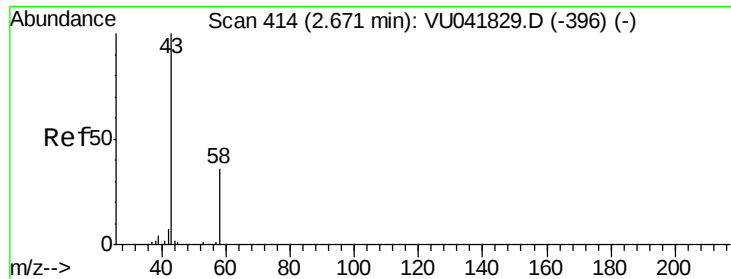
Instrument :
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ClientSampleId :
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Quant Time: Dec 30 03:20:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 30 01:48:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.035 ug/L m

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU041832.D

Acq: 29 Dec 2020 12:33

Instrument :

MSVOA_U

ClientSampled :

C0AL6

Tot Ion: 43 Resp: 2134

Ion Ratio Lower Upper

43 100

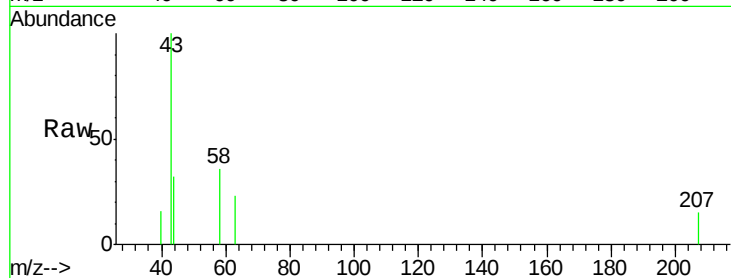
58 15.3 0.0 73.2

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

800

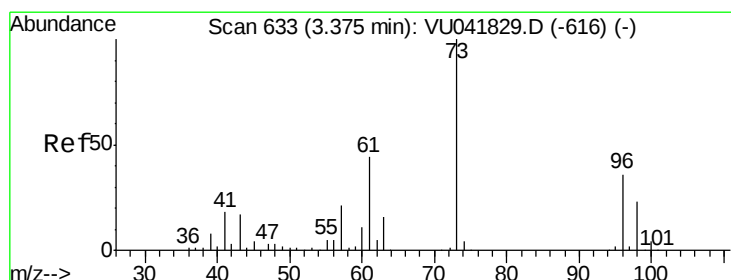
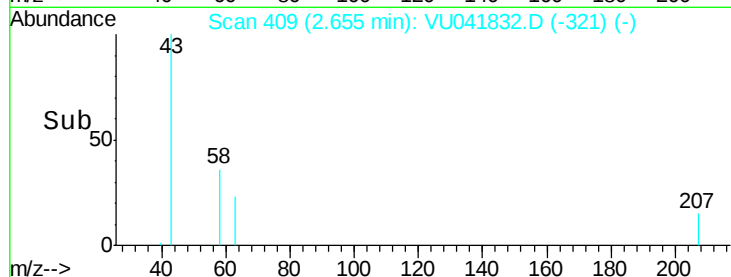
600

400

200

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.088 ug/L

RT: 3.38 min Scan# 636

Delta R.T. 0.01 min

Lab File: VU041832.D

Acq: 29 Dec 2020 12:33

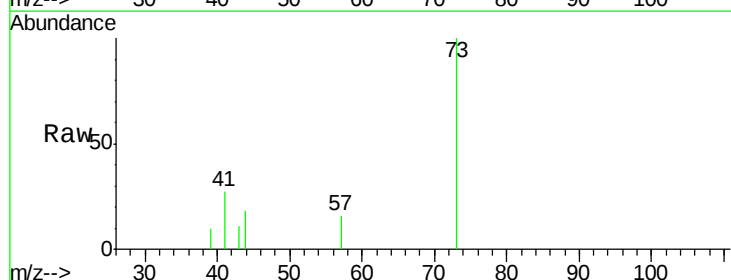
Tgt Ion: 73 Resp: 2300

Ion Ratio Lower Upper

73 100

43 9.6 14.7 22.1#

57 11.9 18.2 27.4#



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

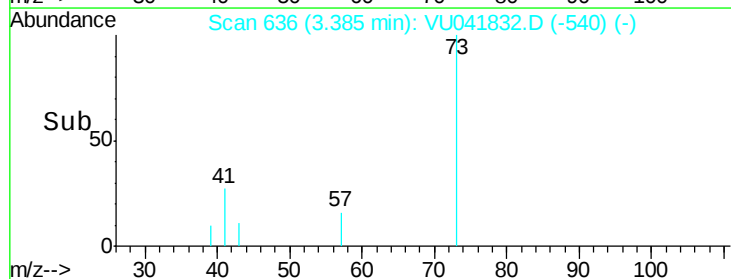
3.38

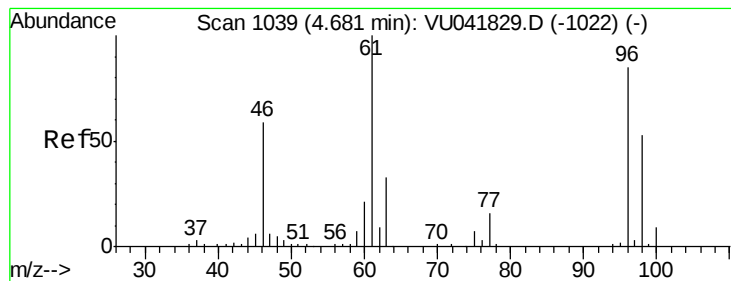
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.499 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041832.D

Acq: 29 Dec 2020 12:33

Instrument :

MSVOA_U

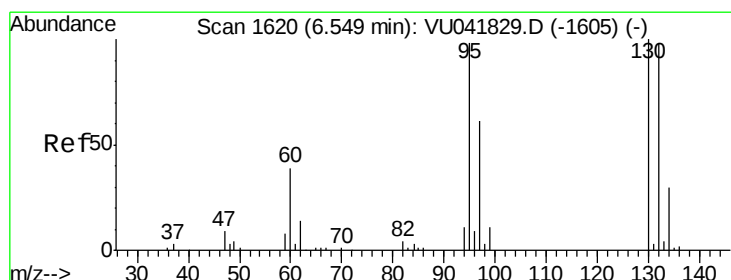
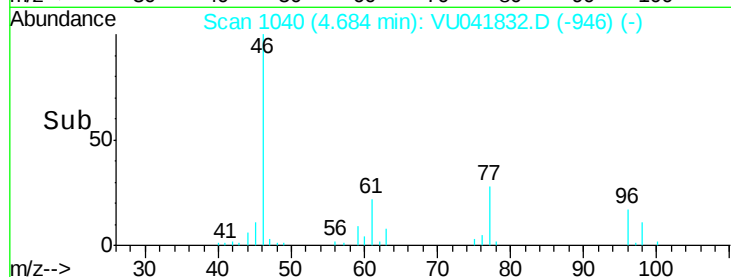
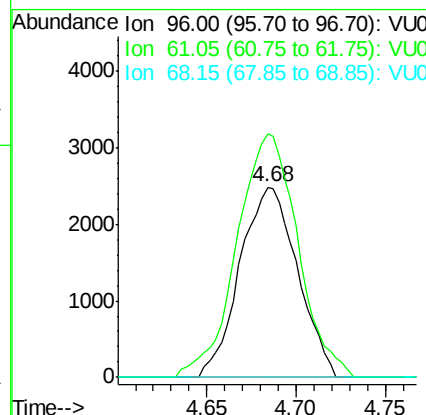
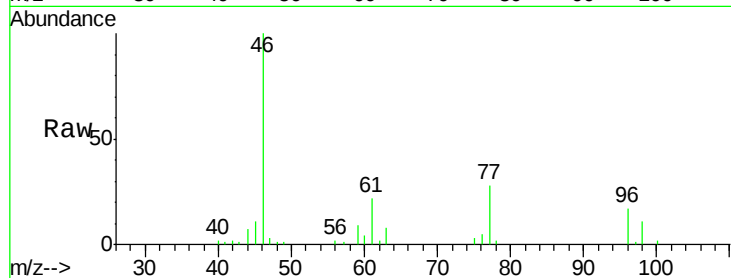
ClientSampleId :

C0AL6

Tot Ion:	96	Resp:	5586
Ion	Ratio	Lower	Upper
96	100		
61	128.1	88.8	165.0
68	0.0	0.0	0.0

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#34

Trichloroethene

Concen: 0.476 ug/L

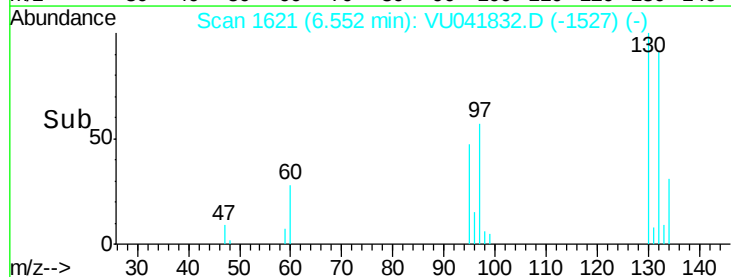
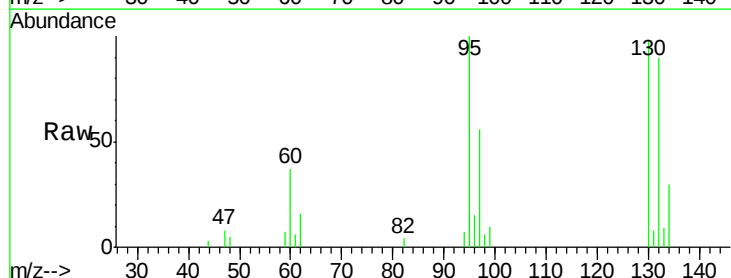
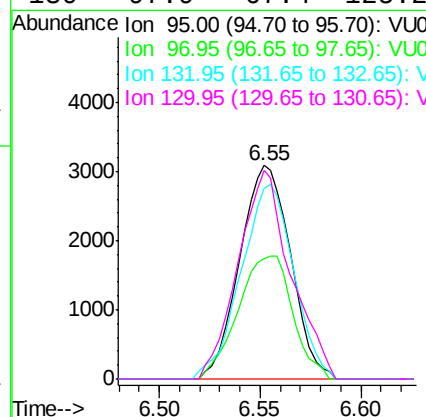
RT: 6.55 min Scan# 1621

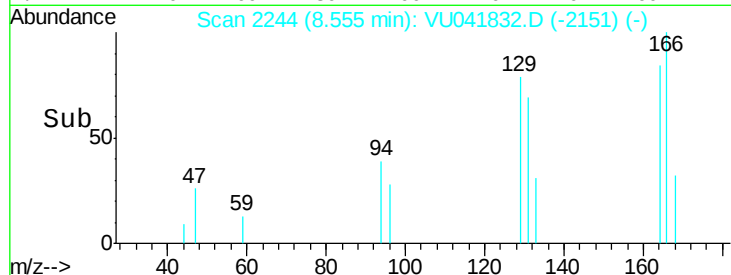
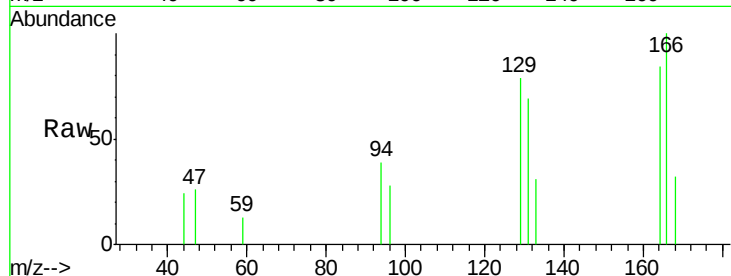
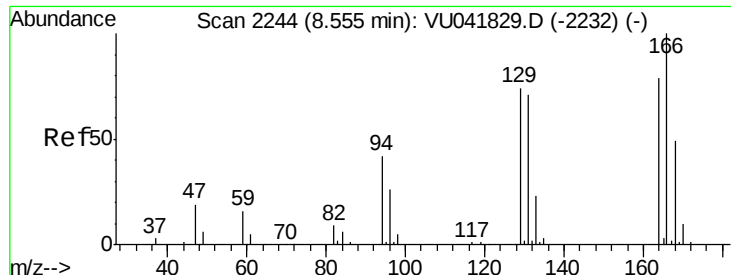
Delta R.T. 0.00 min

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Tgt Ion:	95	Resp:	5439
Ion	Ratio	Lower	Upper
95	100		
97	56.0	43.9	81.5
132	89.5	63.1	117.3
130	97.9	67.4	125.2





#47

Tetrachloroethene

Concen: 0.148 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041832.D

Acq: 29 Dec 2020 12:33

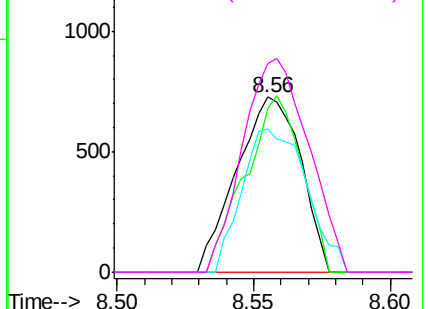
Tot Ion:	164	Resp:	1184
Ion Ratio	Lower	Upper	
164	100		
129	93.8	72.2	134.0
131	81.9	66.9	124.3
166	119.4	89.6	166.4

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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