

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101320\
 Data File : VU040686.D
 Acq On : 13 Oct 2020 16:35
 Operator : SY/MD
 Sample : L4346-01DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ2DL

Manual Integrations
 APPROVED

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 10/14/2020 5:14:05 PM

Quant Time: Oct 14 08:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 14 05:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40122	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.92	69	36755	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	64484	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	177443	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	5.08	84	87947	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	54635	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	152250	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.70	67	55357	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.91	98	119579	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.19	79	21637	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	121832	47.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50581	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50544	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.59	96	1313m	0.145 ug/L	
13) Acetone	2.67	43	22592	8.632 ug/L	98
16) Methylene chloride	3.06	84	2062	0.177 ug/L	92
34) Trichloroethene	6.56	95	63164	5.763 ug/L	99
47) Tetrachloroethene	8.56	164	6743	0.862 ug/L	93

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

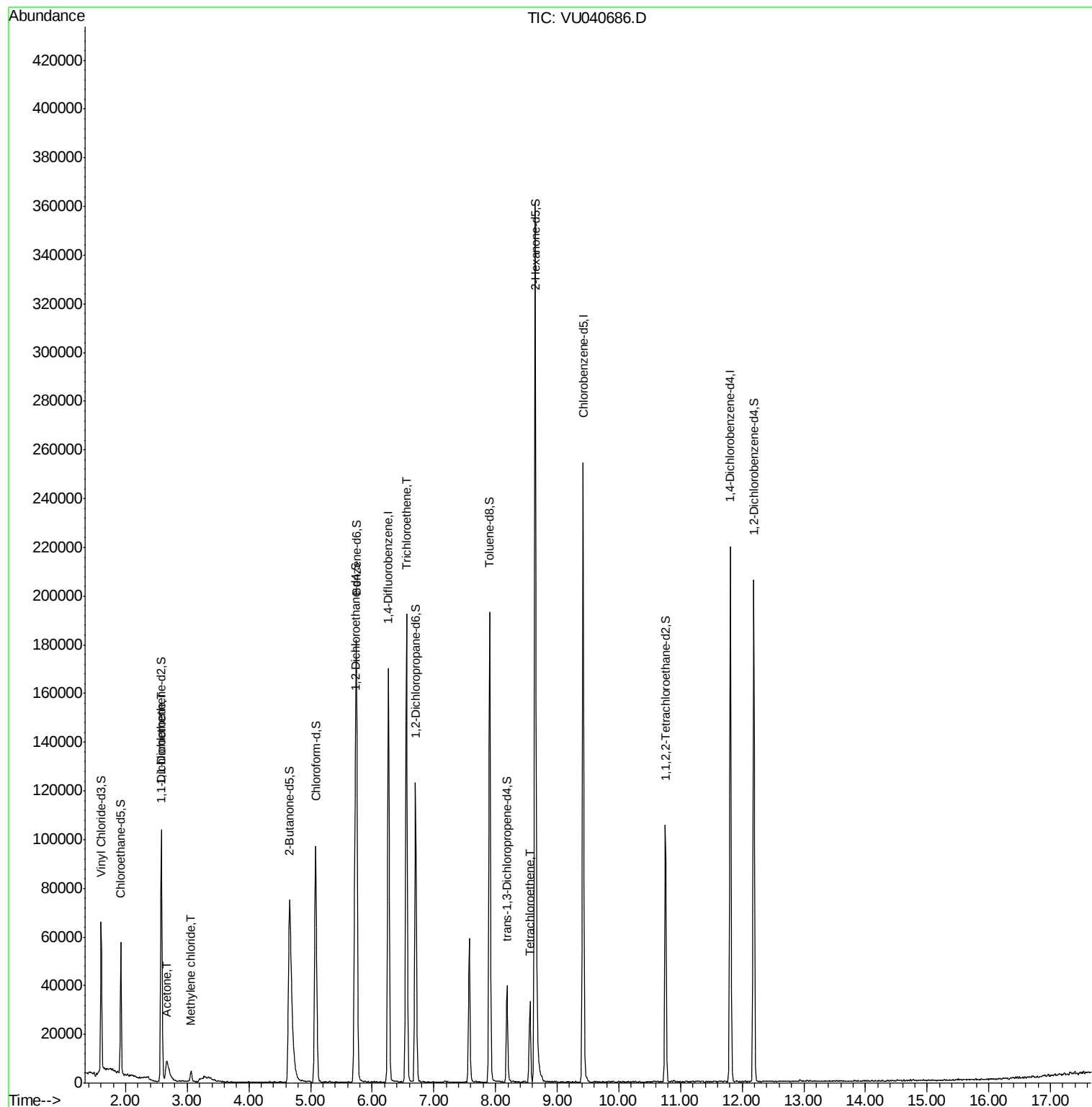
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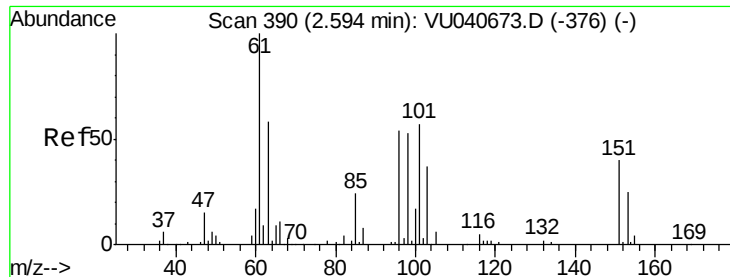
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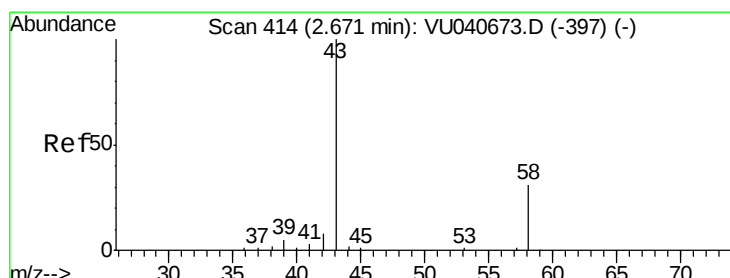
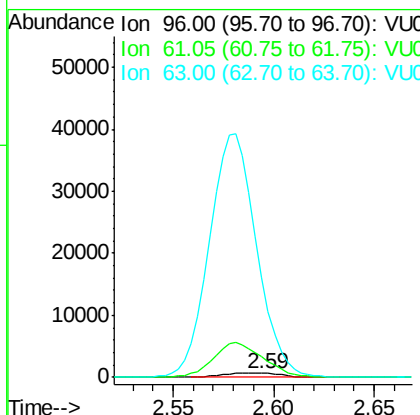
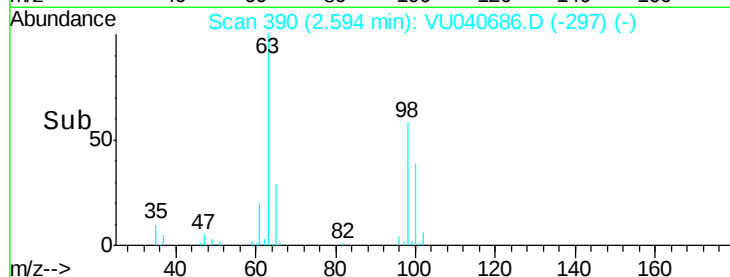
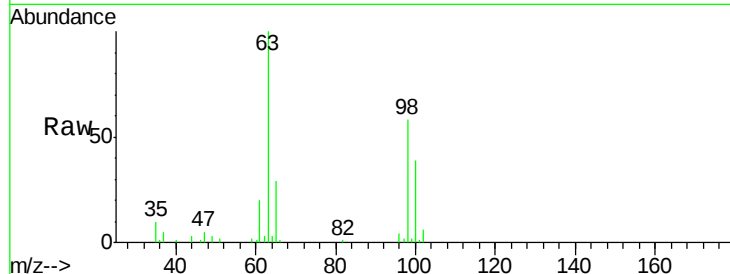
#12
 1,1-Dichloroethene
 Concen: 0.145 ug/L m
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040686.D
 Acq: 13 Oct 2020 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ2DL

Tot Ion: 96 Resp: 1313
 Ion Ratio Lower Upper
 96 100
 61 493.1 128.8 239.2#
 63 2418.9 84.6 157.2

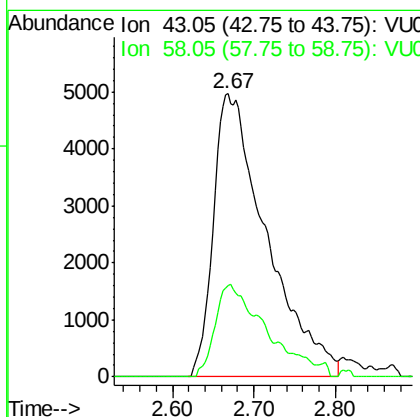
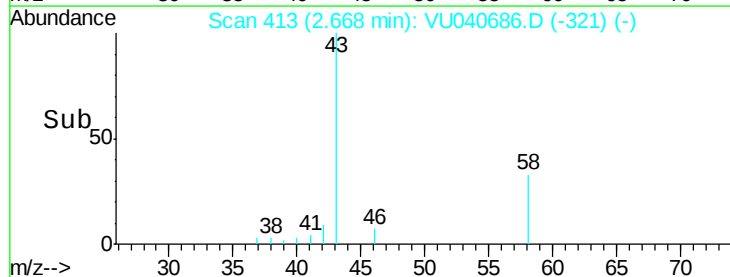
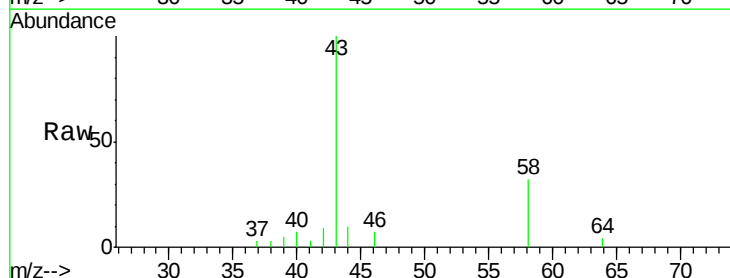
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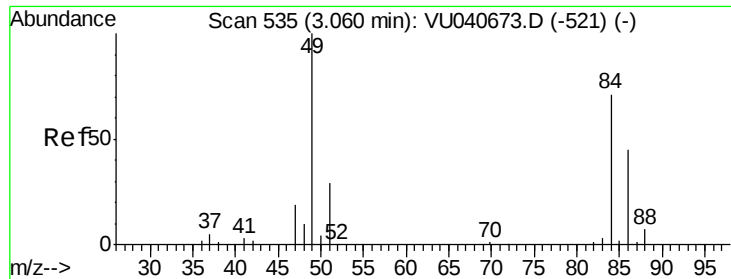
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#13
 Acetone
 Concen: 8.632 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: VU040686.D
 Acq: 13 Oct 2020 16:35

Tgt Ion: 43 Resp: 22592
 Ion Ratio Lower Upper
 43 100
 58 31.2 0.0 60.6





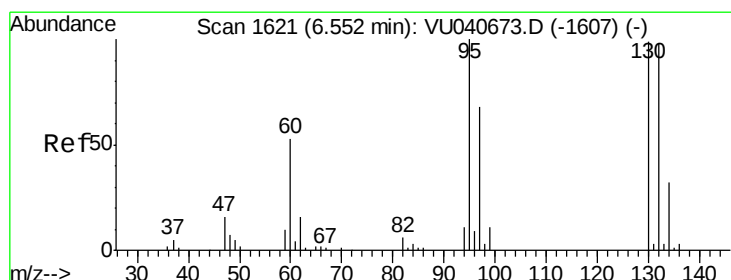
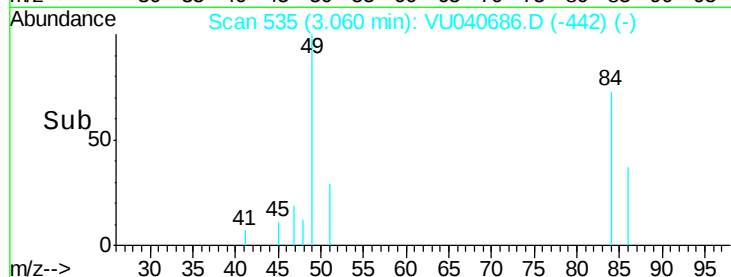
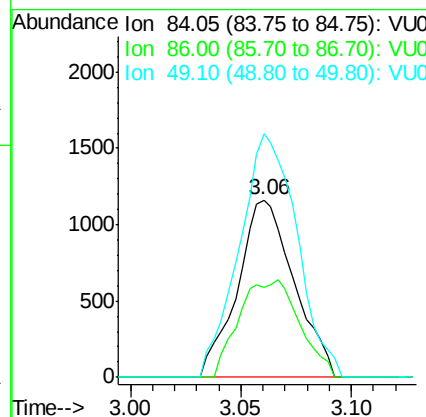
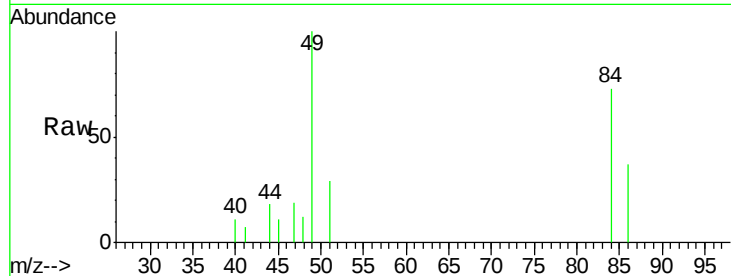
#16
Methvlene chloride
Concen: 0.177 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Instrument :
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Tot Ion: 84 Resp: 2062
Ion Ratio Lower Upper
84 100
86 50.9 45.4 84.4
49 137.5 99.8 185.3

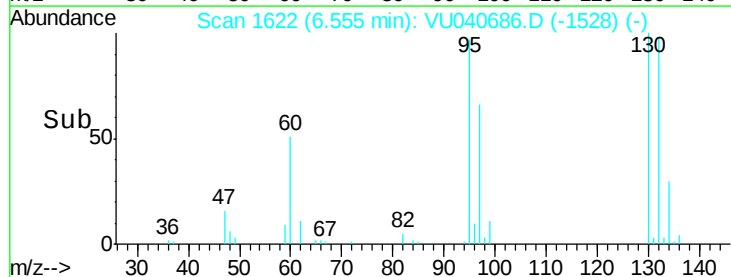
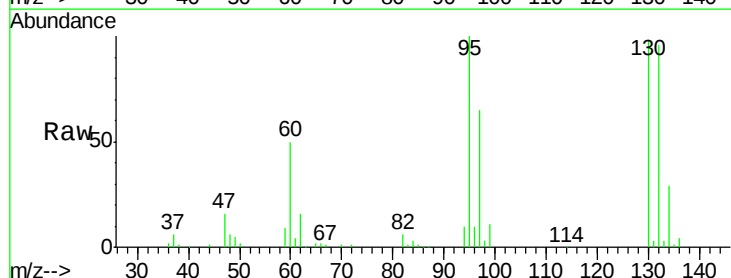
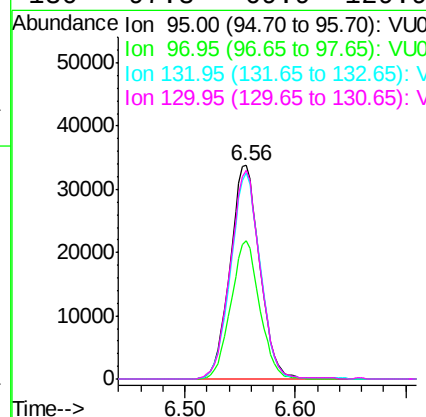
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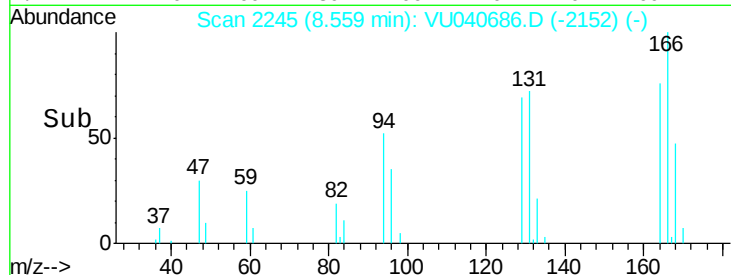
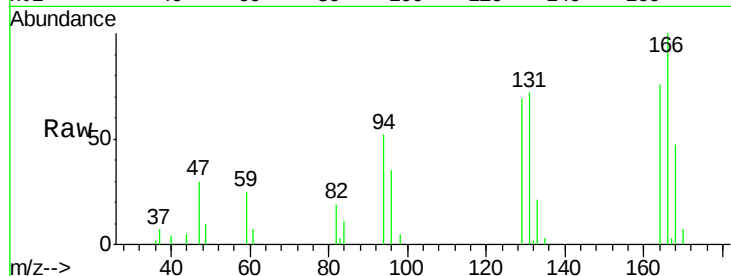
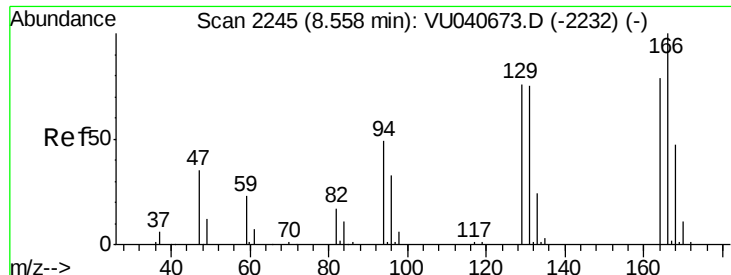
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#34
Trichloroethene
Concen: 5.763 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040686.D
Acq: 13 Oct 2020 16:35

Tgt Ion: 95 Resp: 63164
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 96.3 67.5 125.4
130 97.8 69.9 129.9





#47

Tetrachloroethene

Concen: 0.862 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040686.D

Acq: 13 Oct 2020 16:35

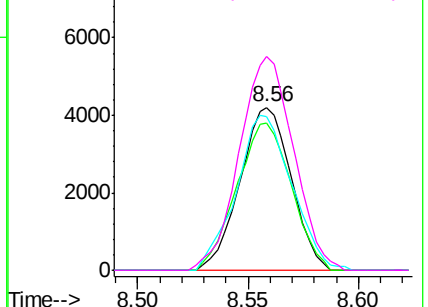
Tot Ion:	164	Resp:	6743
Ion Ratio	Lower	Upper	
164	100		
129	90.3	68.8	127.8
131	94.2	66.7	123.9
166	131.1	83.9	155.7

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



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