

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035895.D
 Acq On : 27 Nov 2019 14:34
 Operator : JC/SP
 Sample : K6057-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

Quant Time: Nov 29 04:03:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	239128	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	132606	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	126827	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	165345	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.69	46	252757	34.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.92%
24) Chloroform-d	5.11	84	211945	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.75	65	129289	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.77	84	432445	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.74	67	152175	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.93	98	335361	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.20%#
43) trans-1,3-Dichloropropene-	8.21	79	49931	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.69	63	271855	46.96	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	131622	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	89871	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

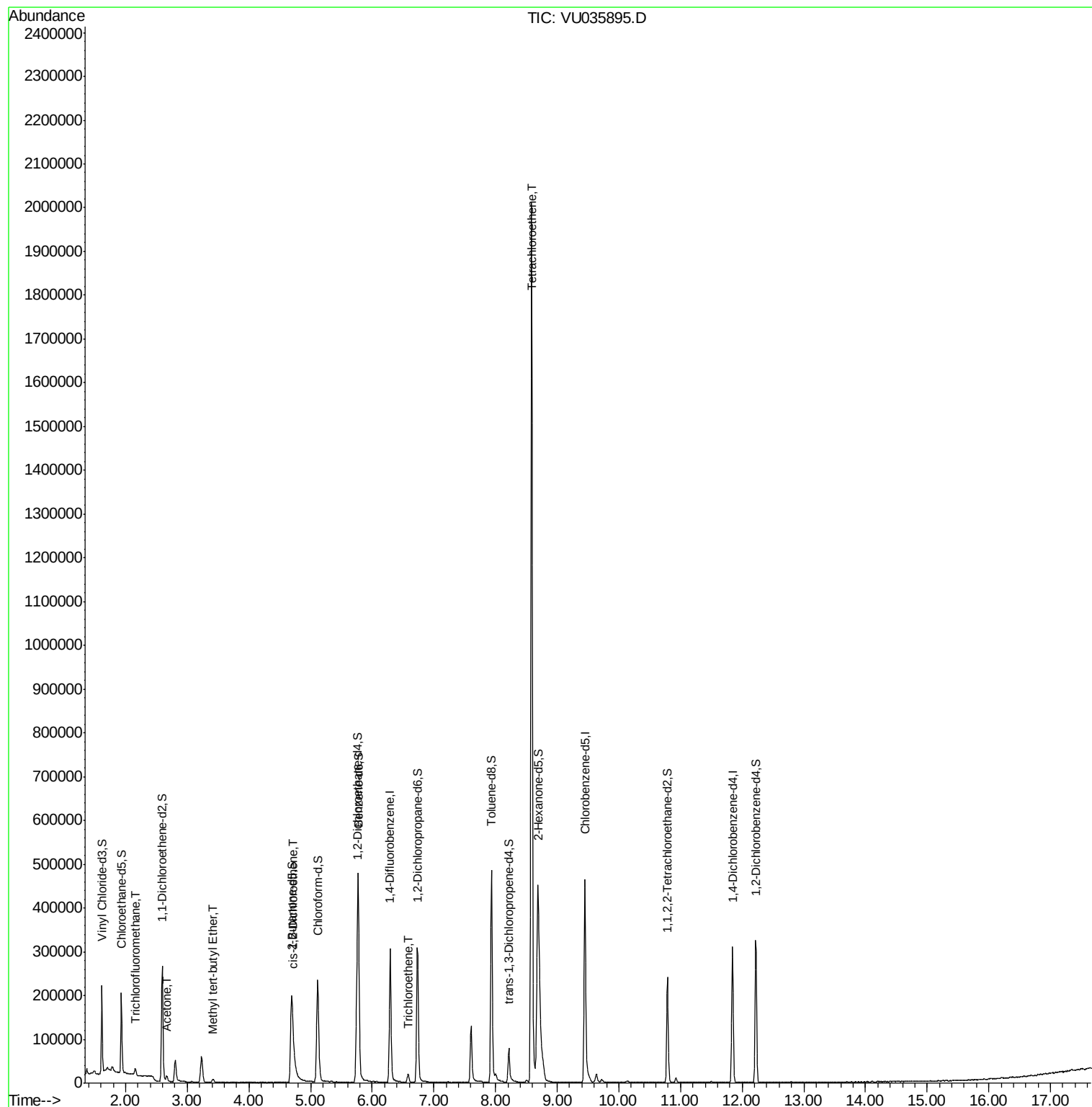
					Ovalue
9) Trichlorofluoromethane	2.16	101	7744	0.167 ug/L #	84
13) Acetone	2.67	43	14483	2.281 ug/L	91
17) Methyl tert-butyl Ether	3.42	73	6974	0.116 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	6324	0.232 ug/L	77
34) Trichloroethene	6.58	95	6108	0.207 ug/L #	89
47) Tetrachloroethene	8.58	164	457876	20.420 ug/L	98

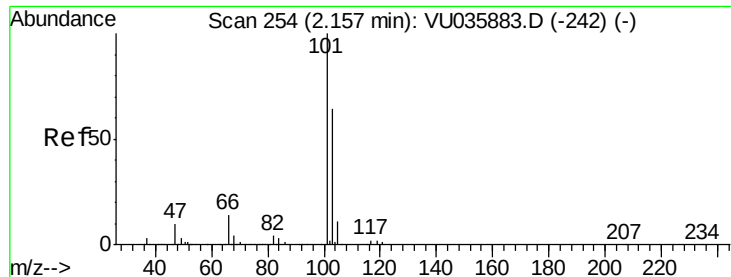
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.167 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

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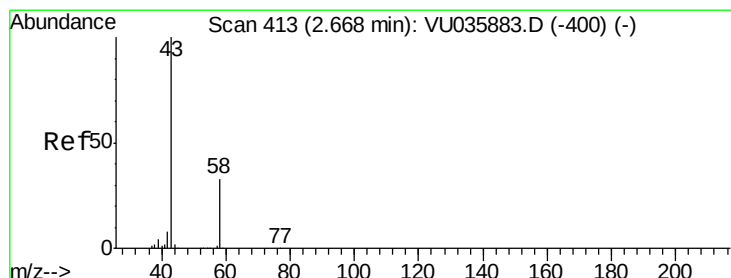
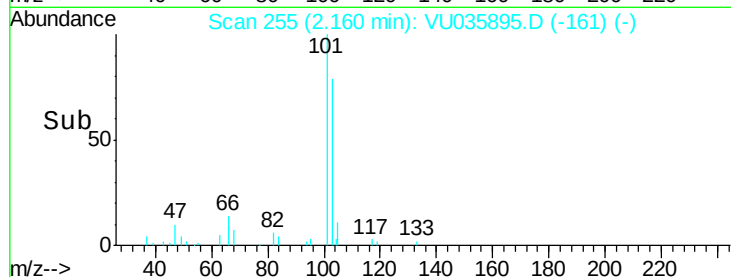
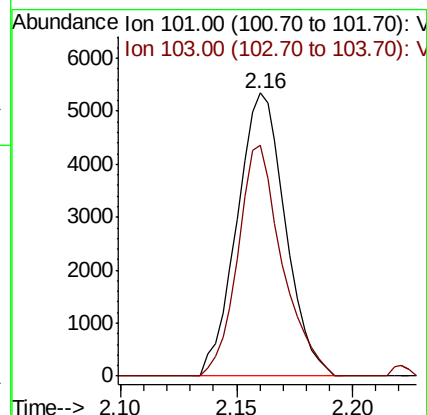
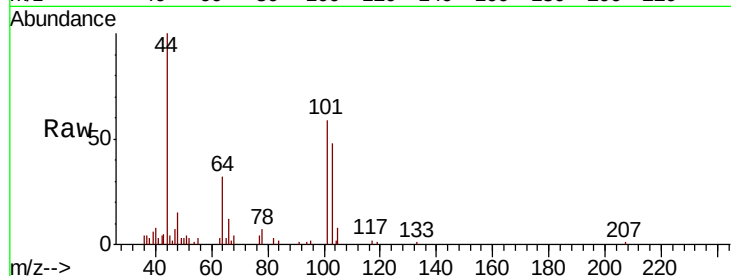
C0AB2

Tot Ion:101 Resp: 7744

Ion Ratio Lower Upper

101 100

103 74.7 49.8 74.6#



#13

Acetone

Concen: 2.281 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

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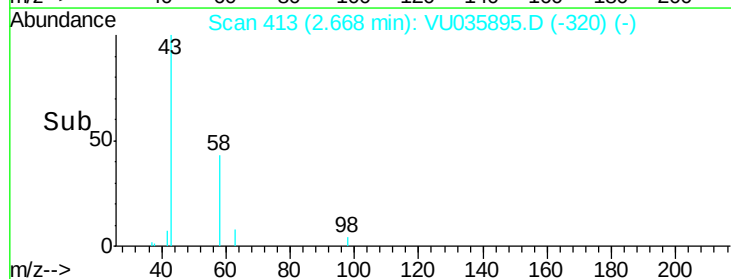
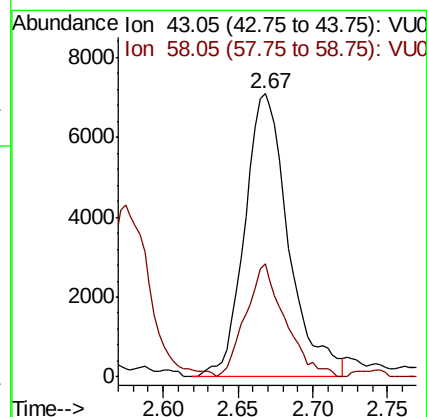
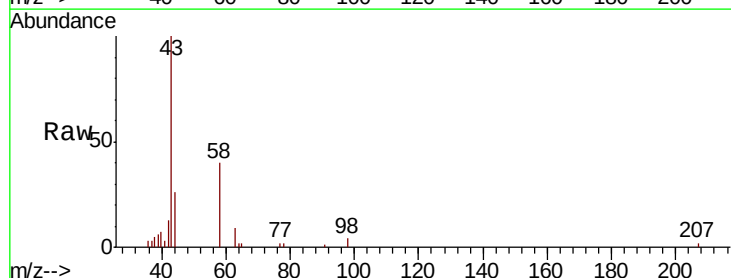
Acq: 27 Nov 2019 14:34

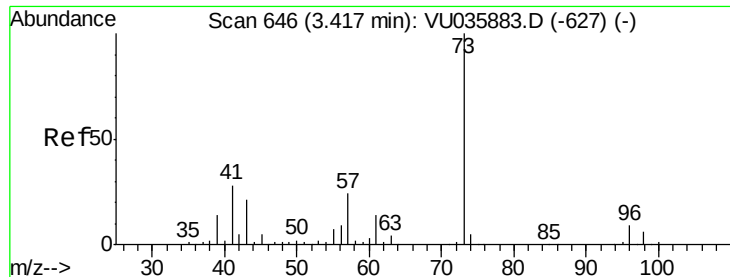
Tgt Ion: 43 Resp: 14483

Ion Ratio Lower Upper

43 100

58 35.8 0.0 61.2

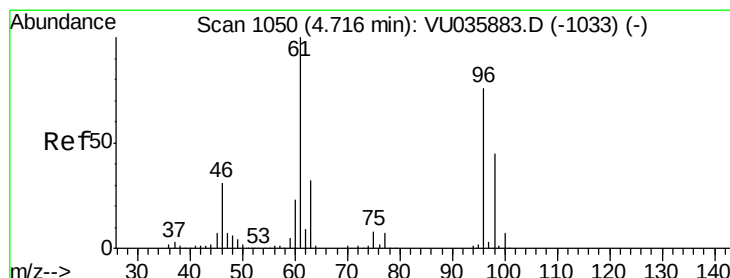
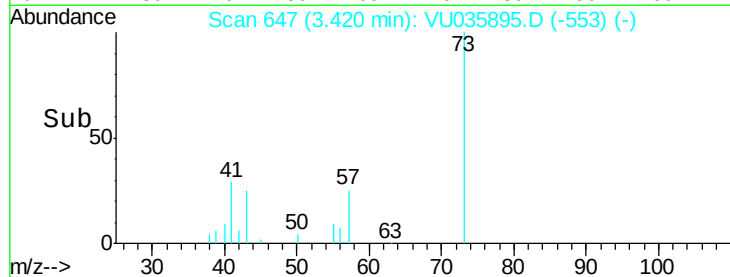
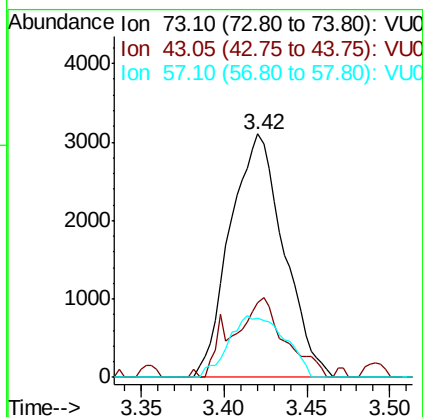
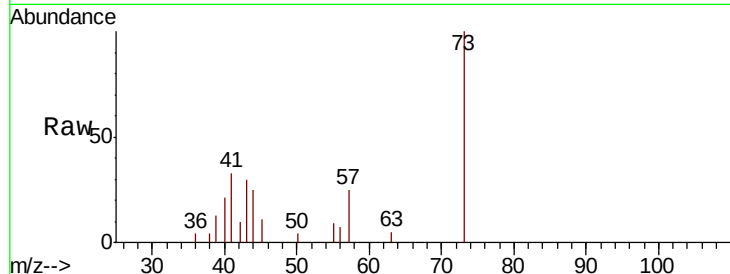




#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 3.42 min Scan# 647
Delta R.T. 0.00 min
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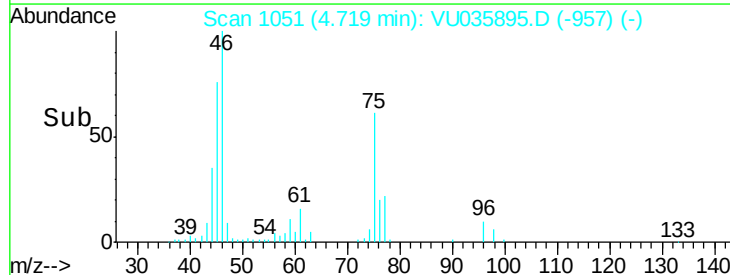
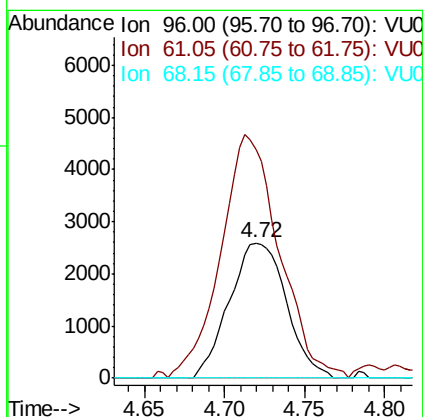
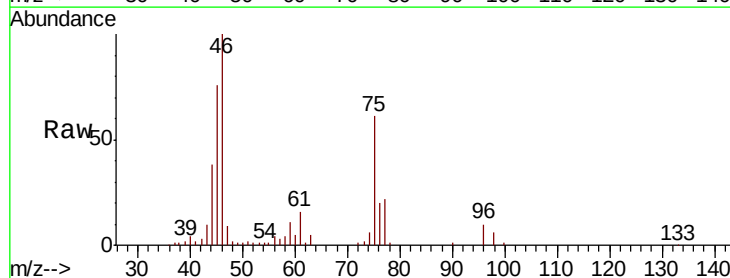
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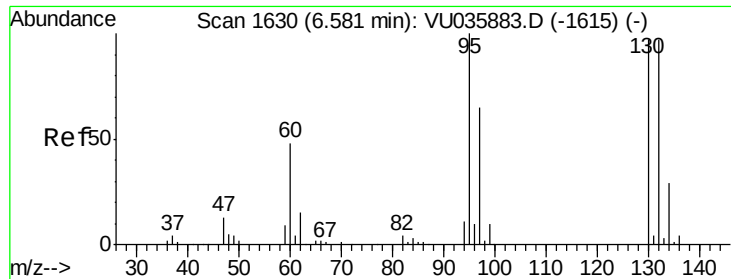
Tot Ion: 73 Resp: 6974
Ion Ratio Lower Upper
73 100
43 25.2 17.4 26.2
57 26.4 19.4 29.0



#22
cis-1,2-Dichloroethene
Concen: 0.232 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035895.D
Acq: 27 Nov 2019 14:34

Tgt Ion: 96 Resp: 6324
Ion Ratio Lower Upper
96 100
61 168.6 98.1 182.1
68 0.0 0.0 0.0

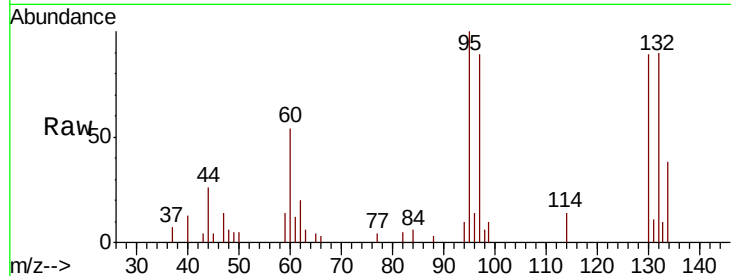




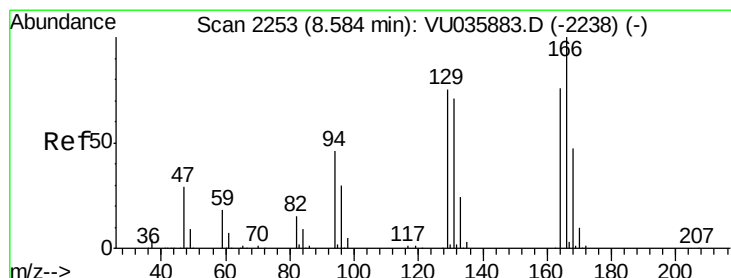
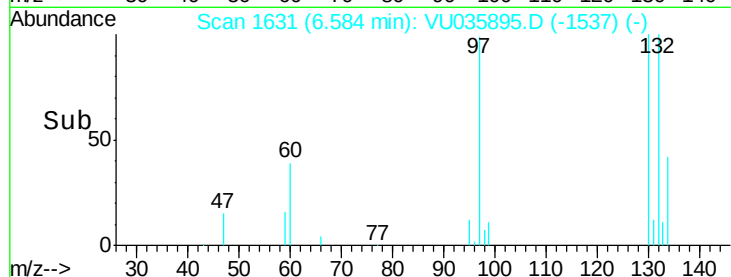
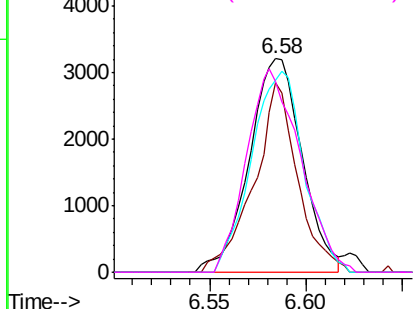
#34
 Trichloroethene
 Concen: 0.207 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035895.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

Tot Ion: 95 Resp: 6108
 Ion Ratio Lower Upper
 95 100
 97 88.8 45.1 83.9#
 132 89.9 61.9 114.9
 130 89.5 66.3 123.1

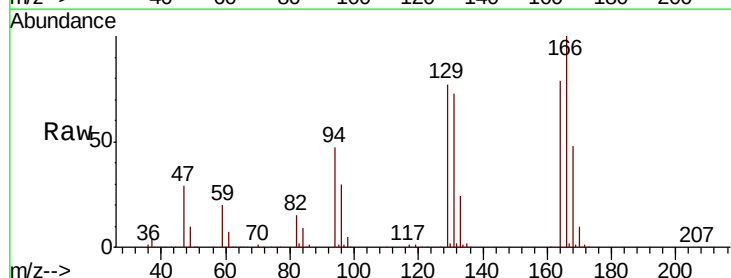


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 20.420 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035895.D
 Acq: 27 Nov 2019 14:34

Tgt Ion: 164 Resp: 457876
 Ion Ratio Lower Upper
 164 100
 129 98.5 68.8 127.8
 131 92.9 67.3 124.9
 166 127.2 91.6 170.2



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

