

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035875.D
 Acq On : 26 Nov 2019 22:33
 Operator : JC/SP
 Sample : K6057-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7

Quant Time: Nov 27 04:28:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	137488	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.93	69	131157	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.60	63	167581	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.69	46	249193	40.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.36%
24) Chloroform-d	5.11	84	214181	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.75	65	128537	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.77	84	434735	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.74	67	150692	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	342891	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.22	79	49252	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.69	63	248379	49.74	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121310	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	86035	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

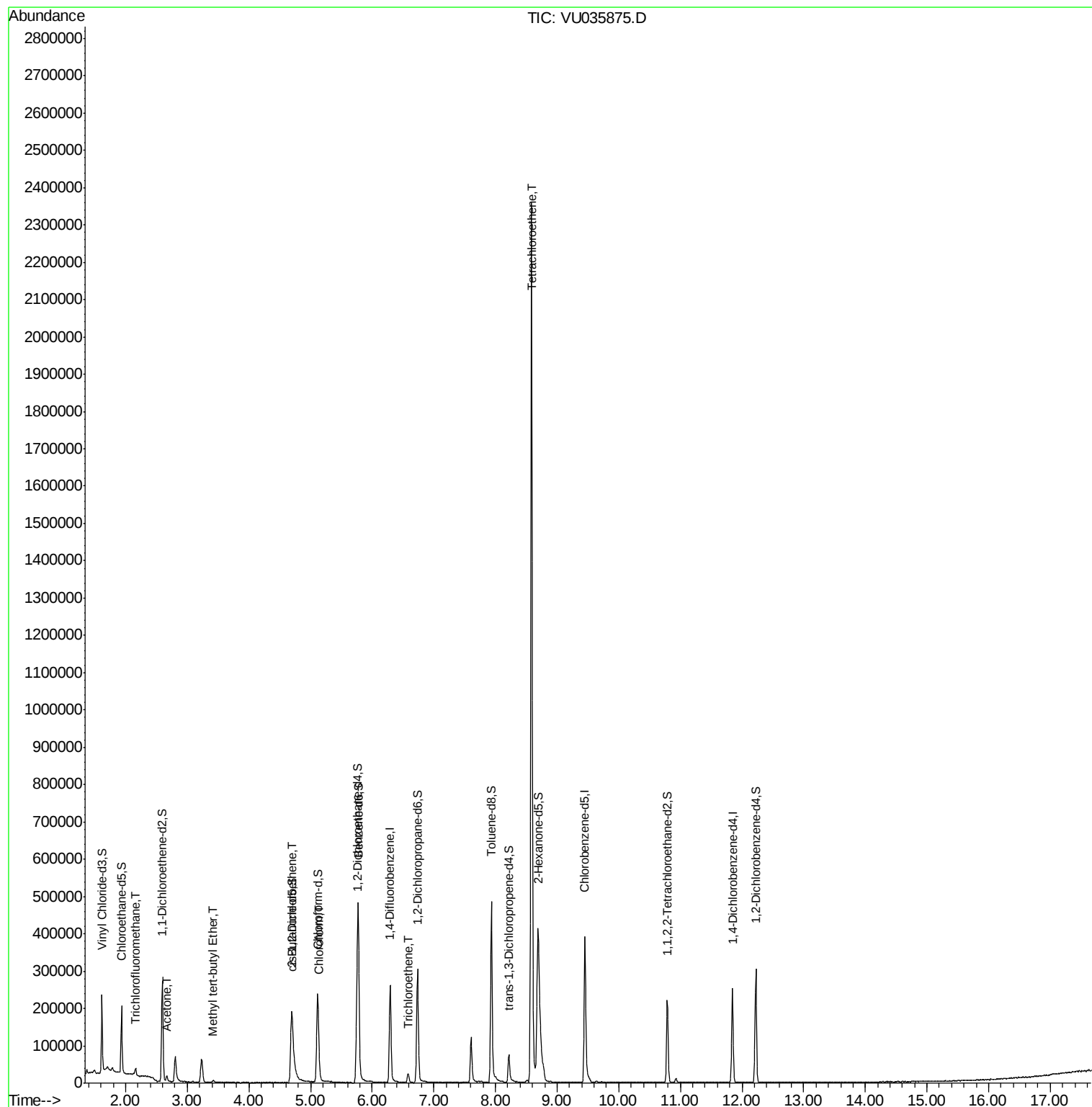
					Qvalue
9) Trichlorofluoromethane	2.16	101	8729	0.219 ug/L	98
13) Acetone	2.67	43	15807	2.902 ug/L	95
17) Methyl tert-butyl Ether	3.42	73	5748	0.111 ug/L #	92
22) cis-1,2-Dichloroethene	4.71	96	5916	0.253 ug/L	94
25) Chloroform	5.14	83	22968	0.500 ug/L	97
34) Trichloroethene	6.58	95	8453	0.333 ug/L #	80
47) Tetrachloroethene	8.58	164	542901	28.069 ug/L	96

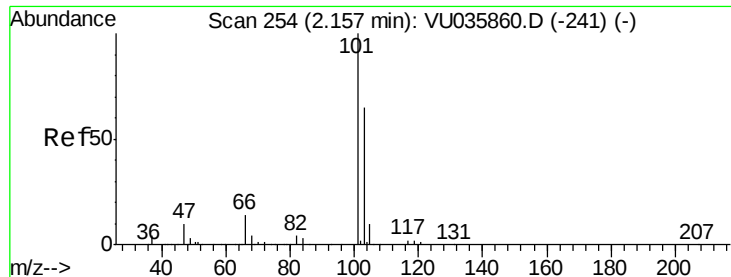
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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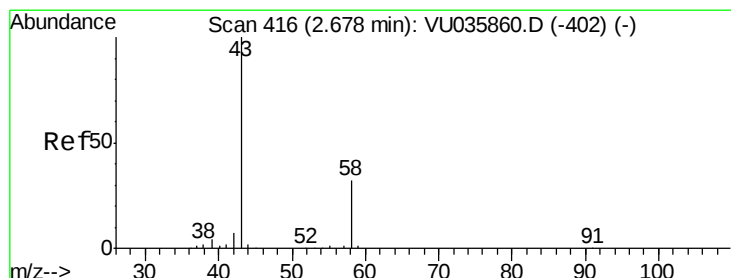
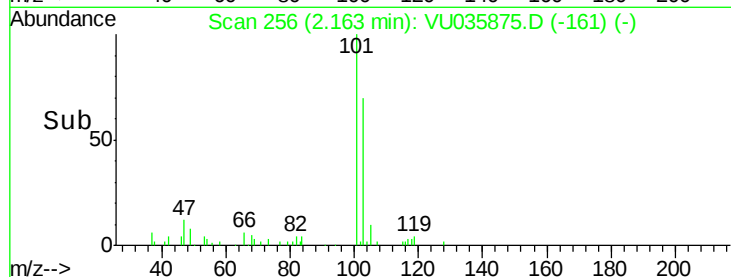
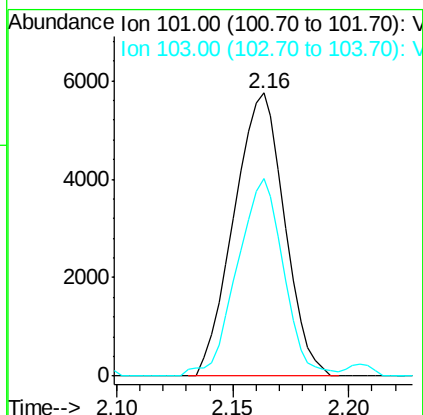
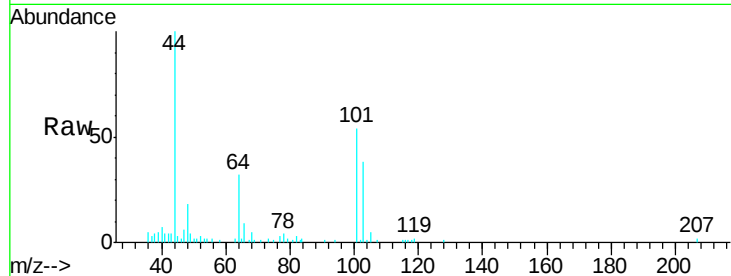




#9
 Trichlorofluoromethane
 Concen: 0.219 ug/L
 RT: 2.16 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: VU035875.D
 Acq: 26 Nov 2019 22:33

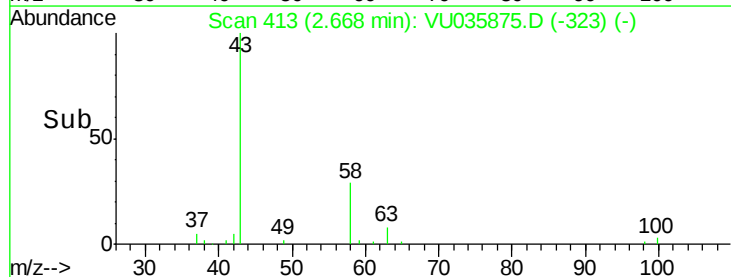
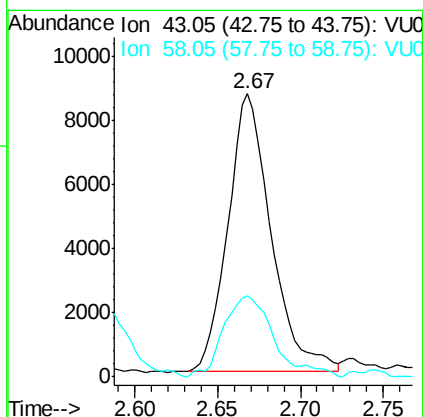
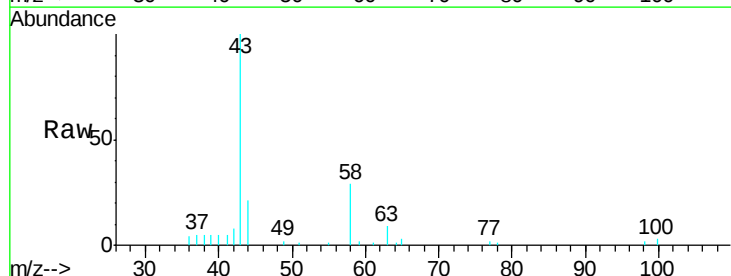
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7

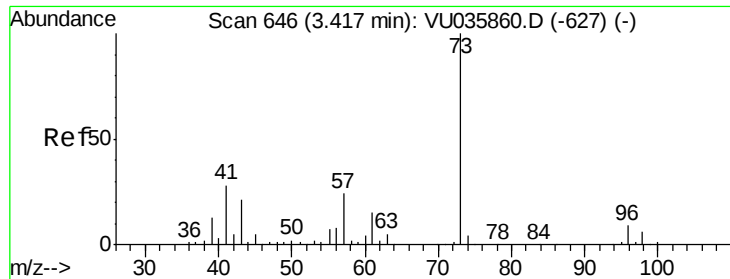
Tgt Ion:101 Resp: 8729
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.8 74.6



#13
 Acetone
 Concen: 2.902 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU035875.D
 Acq: 26 Nov 2019 22:33

Tgt Ion: 43 Resp: 15807
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 61.2

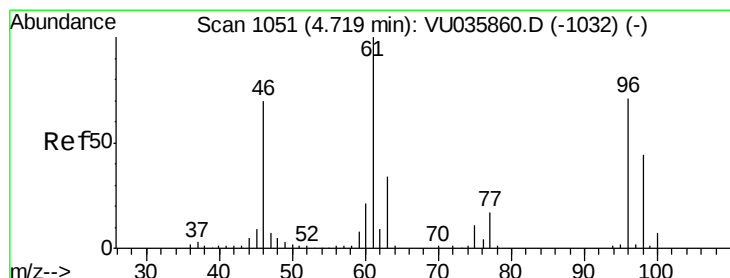
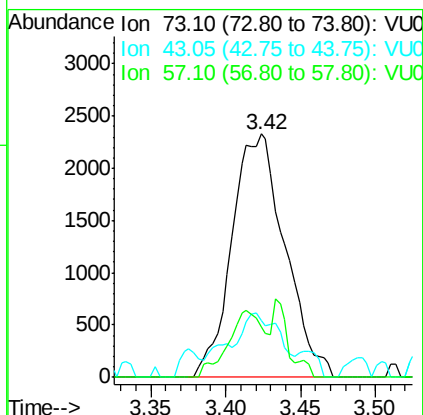
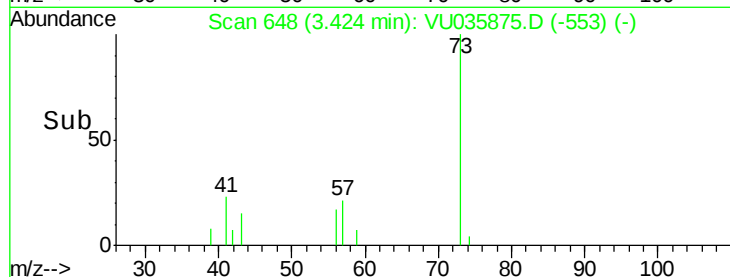
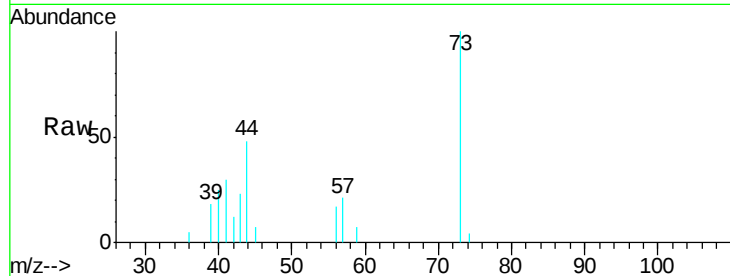




#17
Methyl tert-butyl Ether
Concen: 0.111 ug/L
RT: 3.42 min Scan# 648
Delta R.T. 0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

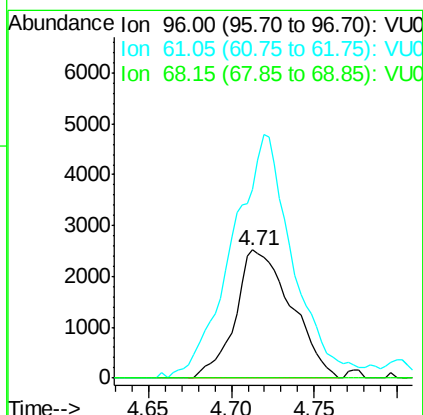
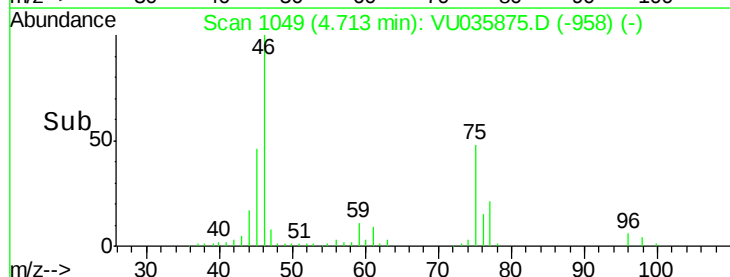
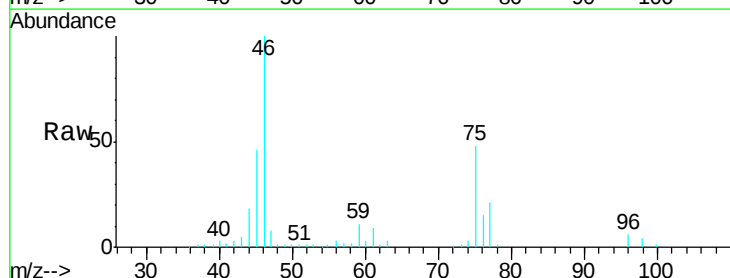
Instrument :
MSVOA_U
ClientSampleId :
C0AA7

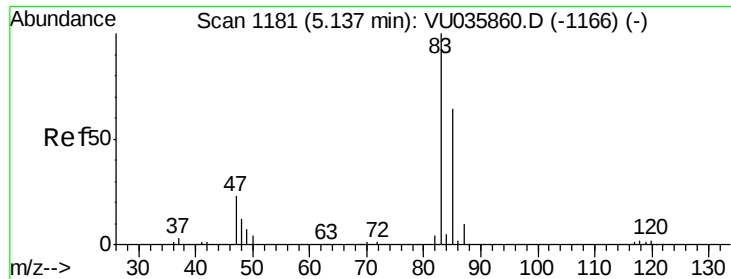
Tgt Ion: 73 Resp: 5748
Ion Ratio Lower Upper
73 100
43 19.1 17.4 26.2
57 19.2 19.4 29.0#



#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 96 Resp: 5916
Ion Ratio Lower Upper
96 100
61 147.0 98.1 182.1
68 0.0 0.0 0.0

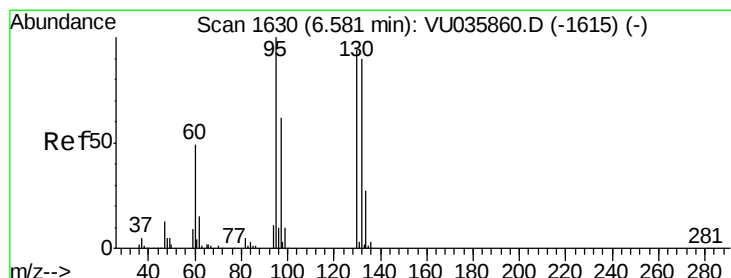
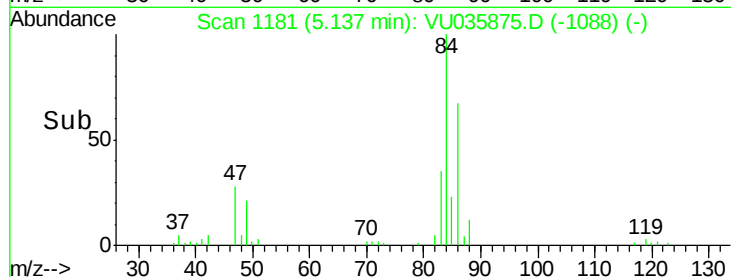
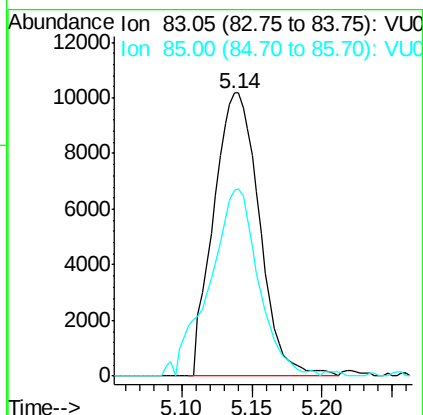
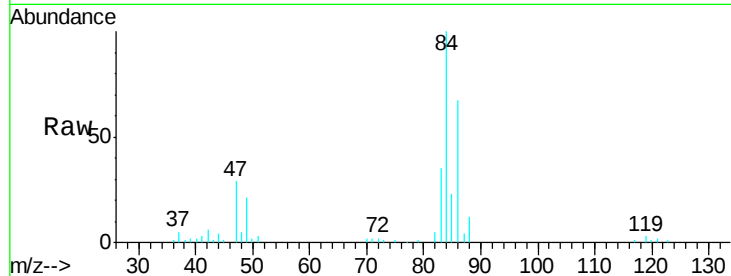




#25
Chloroform
Concen: 0.500 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

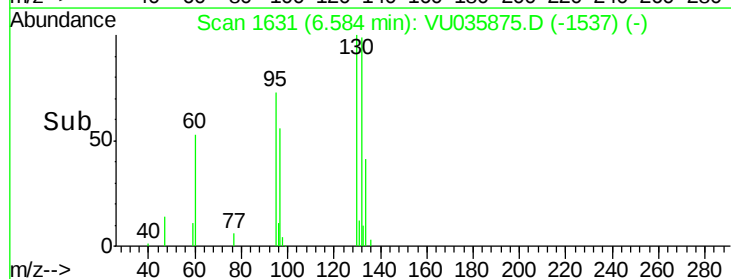
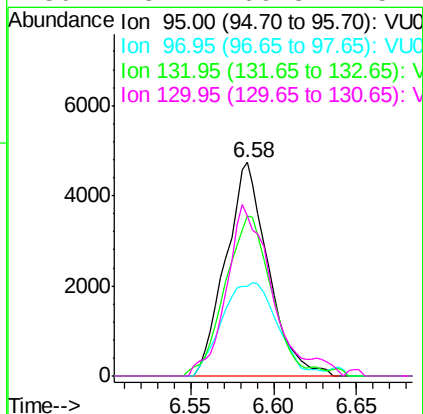
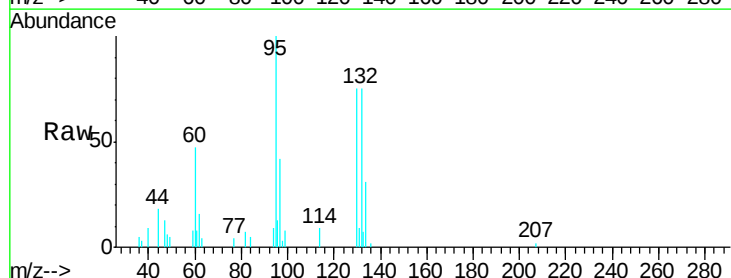
Instrument :
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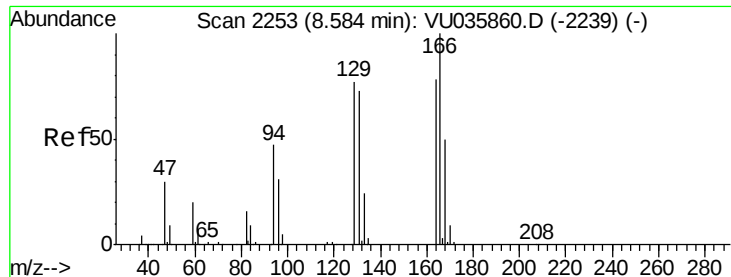
Tgt Ion: 83 Resp: 22968
Ion Ratio Lower Upper
83 100
85 65.9 44.6 82.8



#34
Trichloroethene
Concen: 0.333 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035875.D
Acq: 26 Nov 2019 22:33

Tgt Ion: 95 Resp: 8453
Ion Ratio Lower Upper
95 100
97 41.9 45.1 83.9#
132 74.7 61.9 114.9
130 75.1 66.3 123.1





#47

Tetrachloroethene

Concen: 28.069 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035875.D

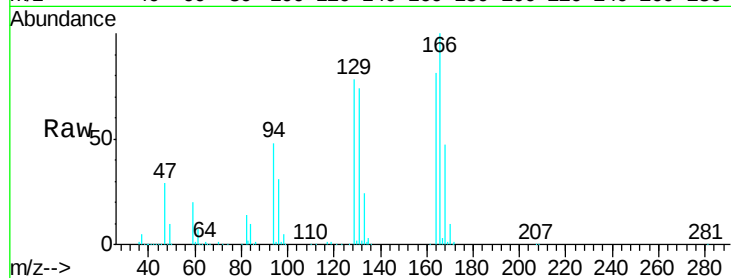
Acq: 26 Nov 2019 22:33

Instrument :

MSVOA_U

ClientSampleId :

C0AA7



Tgt Ion:164 Resp: 542901

Ion Ratio Lower Upper

164 100

129 96.4 68.8 127.8

131 92.1 67.3 124.9

166 124.0 91.6 170.2

Abundance Ion 163.90 (163.60 to 164.60): V

600000 Ion 128.95 (128.65 to 129.65): V

500000 Ion 130.95 (130.65 to 131.65): V

400000 Ion 165.90 (165.60 to 166.60): V

