

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035879.D
 Acq On : 27 Nov 2019 00:11
 Operator : JC/SP
 Sample : K6057-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

Quant Time: Nov 27 04:45:49 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	208647	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	241219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	138570	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	129034	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.59	63	169941	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.69	46	263683	41.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.60%
24) Chloroform-d	5.11	84	223803	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	129235	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	441788	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	152293	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	339943	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.22	79	47952	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.69	63	236566	48.78	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120171	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	80347	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

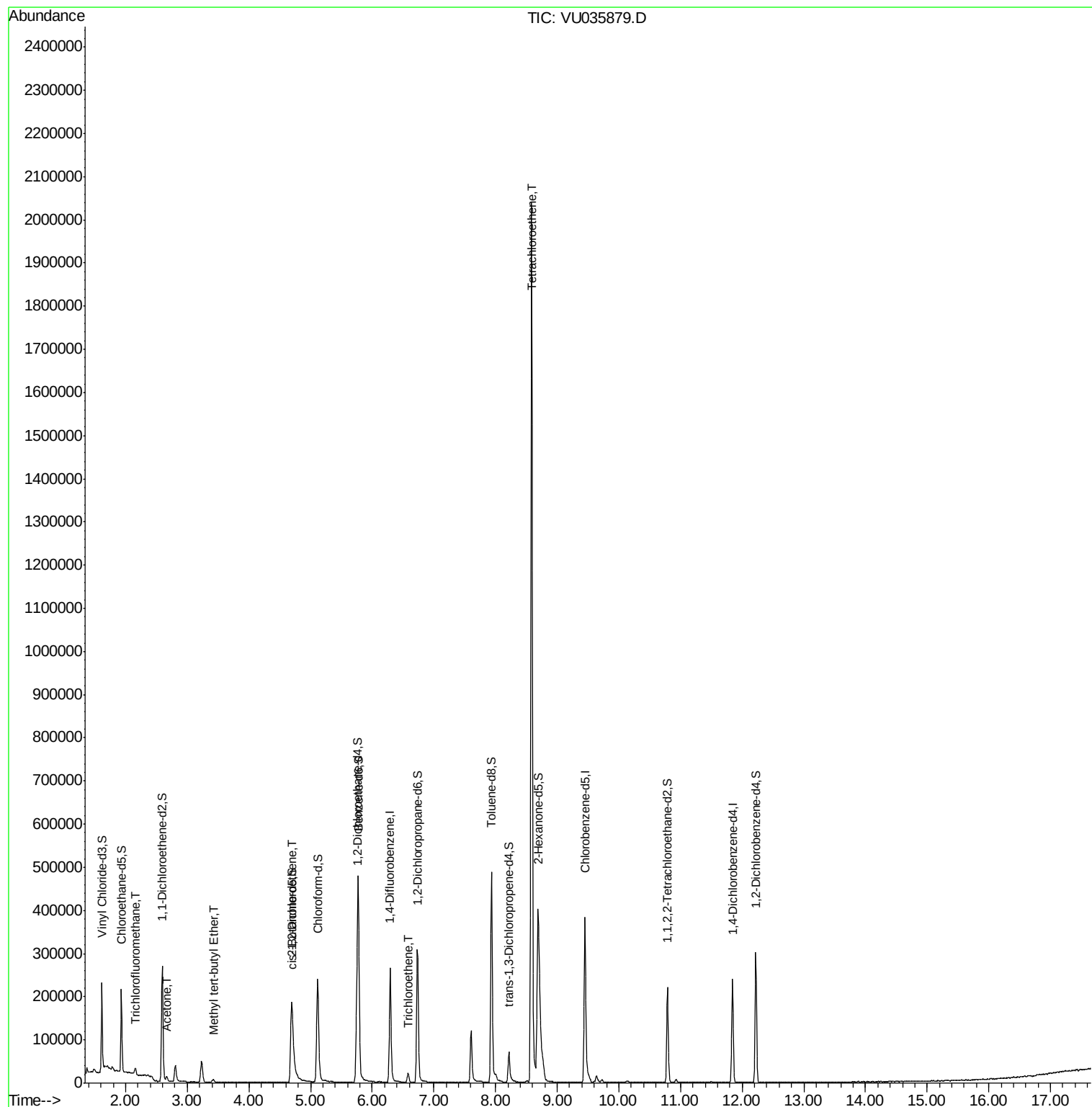
					Qvalue
9) Trichlorofluoromethane	2.16	101	8599	0.213 ug/L	96
13) Acetone	2.67	43	12602	2.275 ug/L	98
17) Methyl tert-butyl Ether	3.42	73	6747	0.128 ug/L #	78
22) cis-1,2-Dichloroethene	4.72	96	6287	0.264 ug/L	97
34) Trichloroethene	6.58	95	6992	0.283 ug/L	96
47) Tetrachloroethene	8.58	164	461760	24.580 ug/L	99

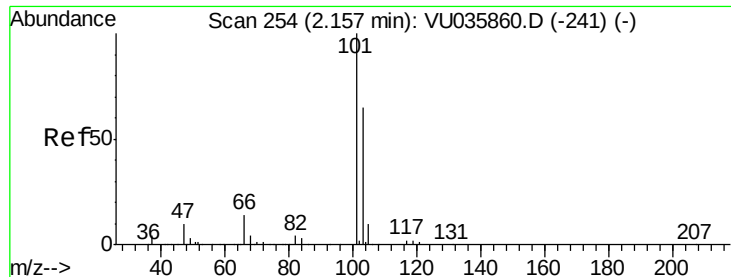
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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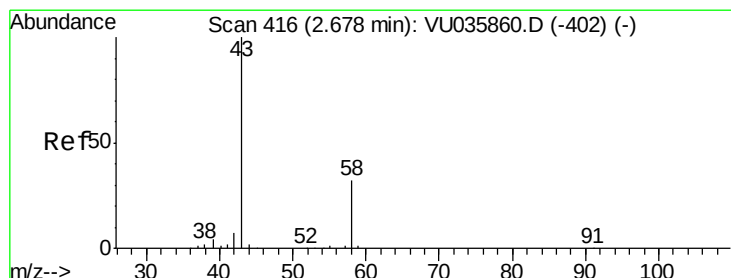
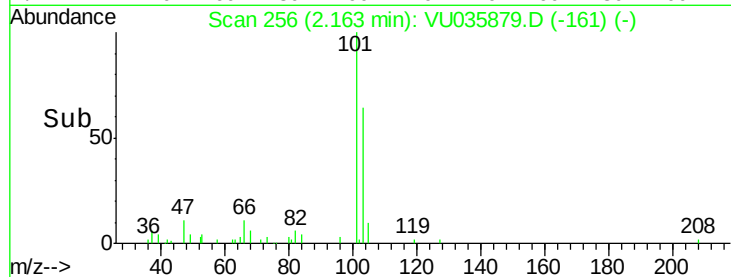
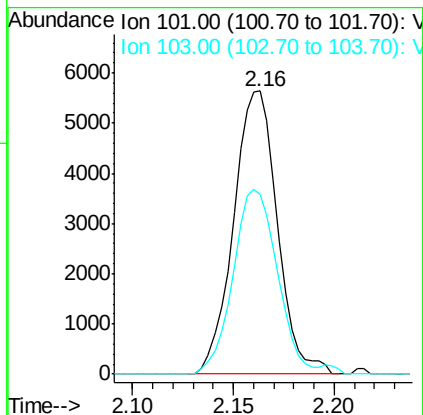
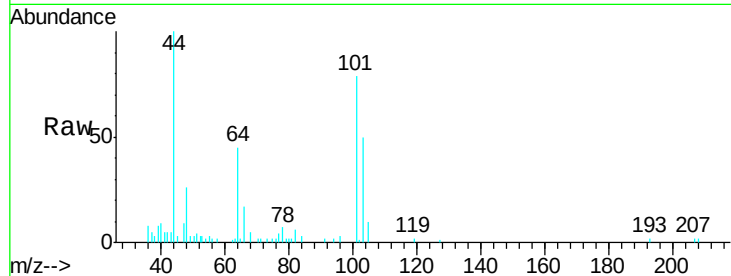


#9

Trichlorofluoromethane
 Concen: 0.213 ug/L
 RT: 2.16 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: VU035879.D
 Acq: 27 Nov 2019 00:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB2

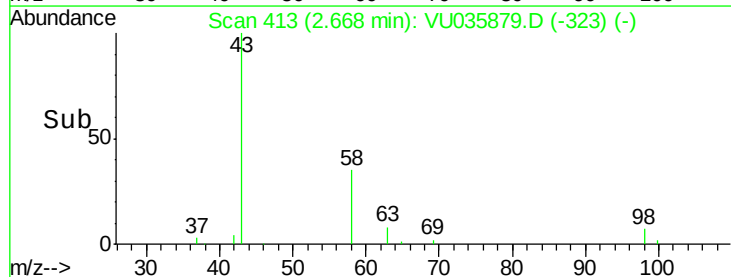
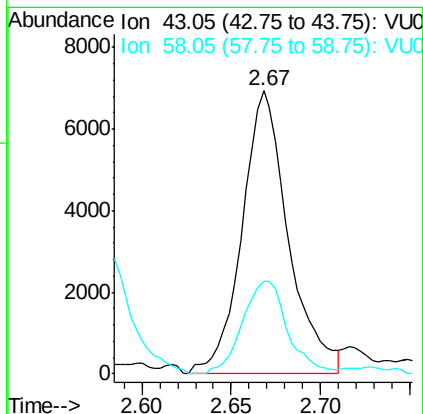
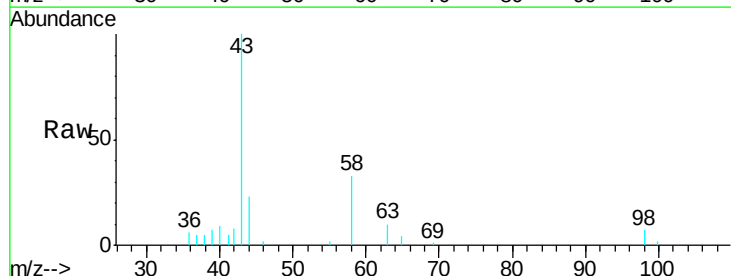
Tgt Ion:101 Resp: 8599
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.8 74.6

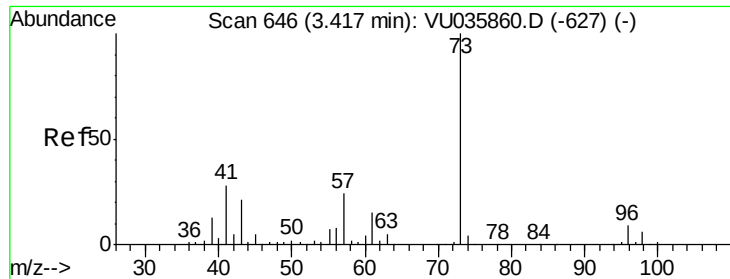


#13

Acetone
 Concen: 2.275 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU035879.D
 Acq: 27 Nov 2019 00:11

Tgt Ion: 43 Resp: 12602
 Ion Ratio Lower Upper
 43 100
 58 31.6 0.0 61.2

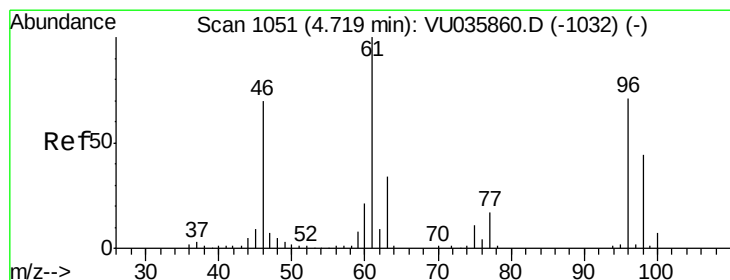
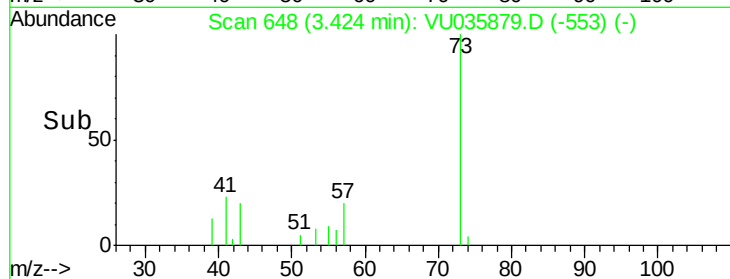
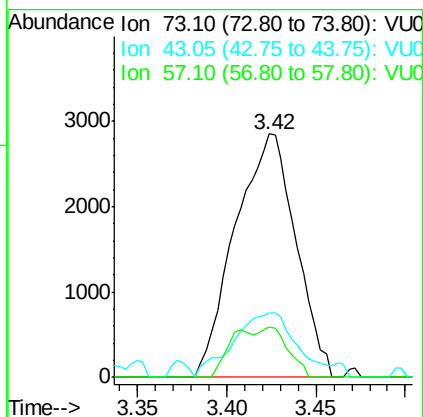
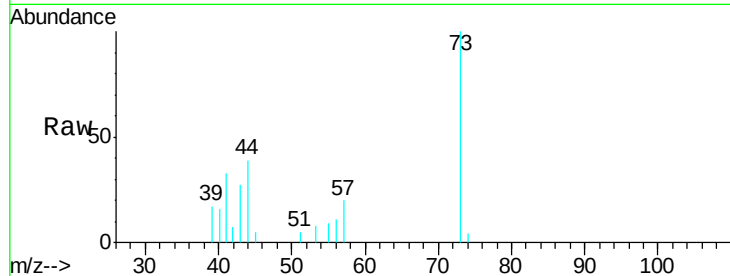




#17
Methyl tert-butyl Ether
Concen: 0.128 ug/L
RT: 3.42 min Scan# 648
Delta R.T. 0.01 min
Lab File: VU035879.D
Acq: 27 Nov 2019 00:11

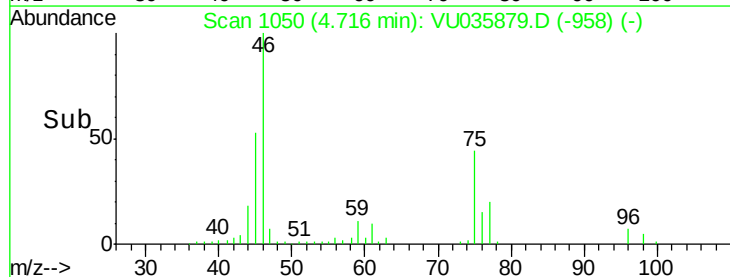
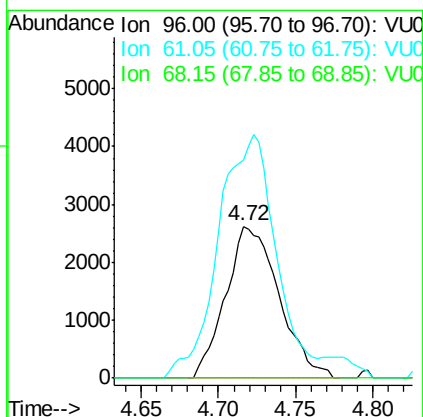
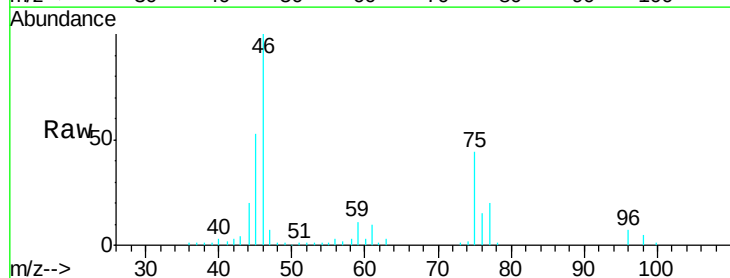
Instrument :
MSVOA_U
ClientSampleId :
C0AB2

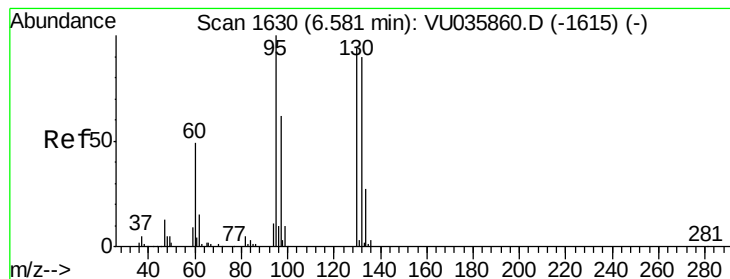
Tgt Ion: 73 Resp: 6747
Ion Ratio Lower Upper
73 100
43 27.9 17.4 26.2#
57 9.0 19.4 29.0#



#22
cis-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035879.D
Acq: 27 Nov 2019 00:11

Tgt Ion: 96 Resp: 6287
Ion Ratio Lower Upper
96 100
61 144.1 98.1 182.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.283 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035879.D

Acq: 27 Nov 2019 00:11

Instrument :

MSVOA_U

ClientSampleId :

C0AB2

Tgt Ion: 95 Resp: 6992

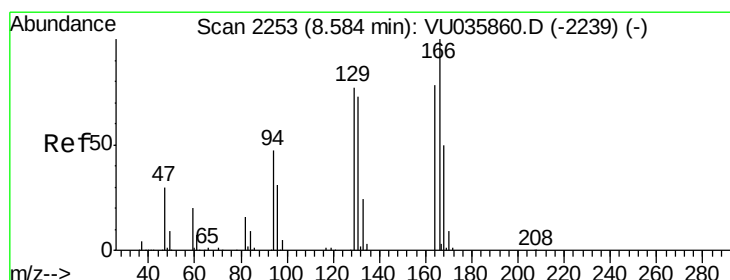
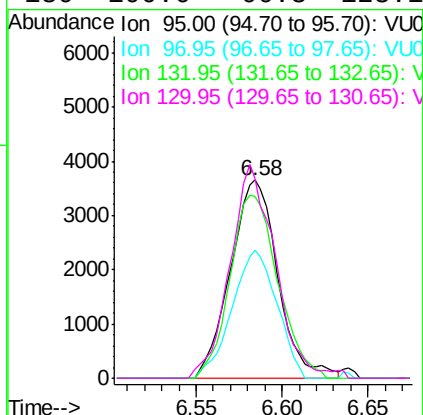
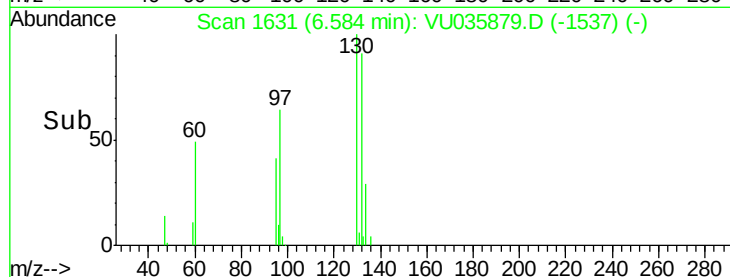
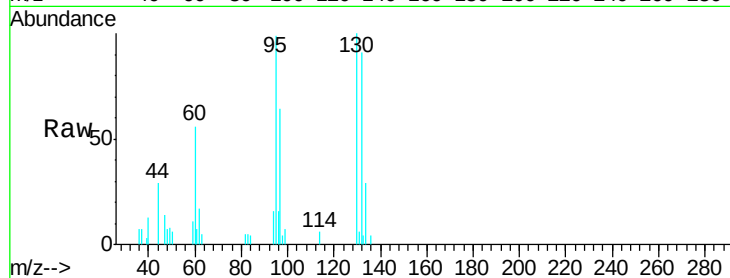
Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.9

132 91.5 61.9 114.9

130 100.6 66.3 123.1



#47

Tetrachloroethene

Concen: 24.580 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035879.D

Acq: 27 Nov 2019 00:11

Tgt Ion: 164 Resp: 461760

Ion Ratio Lower Upper

164 100

129 97.3 68.8 127.8

131 93.7 67.3 124.9

166 130.8 91.6 170.2

