

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035503.D
 Acq On : 25 Oct 2019 22:04
 Operator : JC/SP
 Sample : K5554-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ92

Quant Time: Oct 26 05:52:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 04:07:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	194453	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	220291	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123168	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	104559	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.59	63	160587	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.71	46	273991	53.53	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	5.11	84	199853	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.75	65	106888	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	392035	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.74	67	133452	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	320594	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.22	79	46212	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.69	63	191241	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101934	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	99665	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

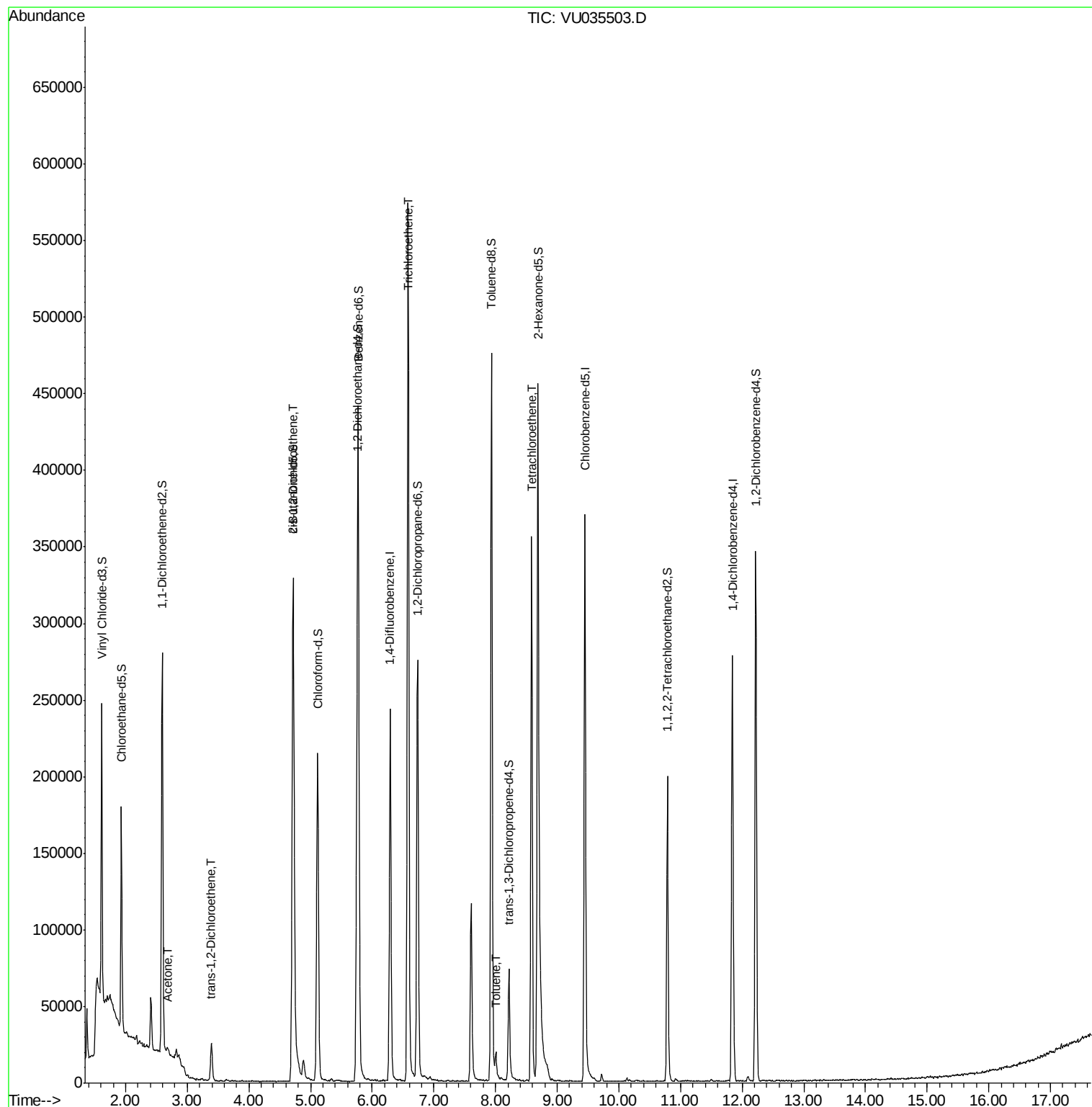
					Ovalue
13) Acetone	2.69	43	7194	1.850	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	10506	0.522	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	92341	4.300	ug/L 99
34) Trichloroethene	6.58	95	200453	9.300	ug/L 98
42) Toluene	8.00	91	9658	0.108	ug/L 94
47) Tetrachloroethene	8.58	164	81635	4.613	ug/L 100

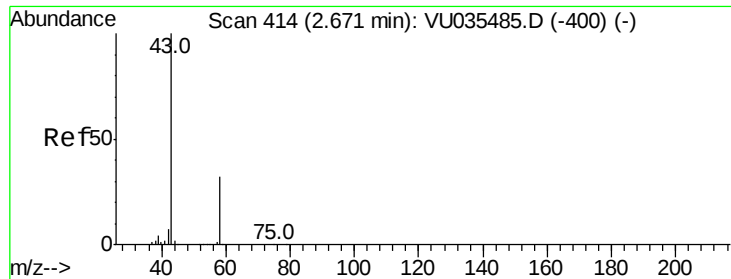
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.850 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.02 min

Lab File: VU035503.D

Acq: 25 Oct 2019 22:04

Instrument :

MSVOA_U

ClientSampleId :

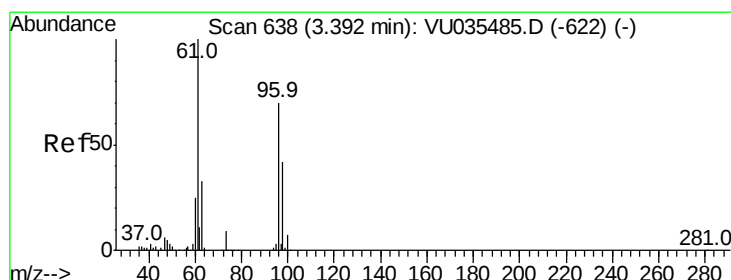
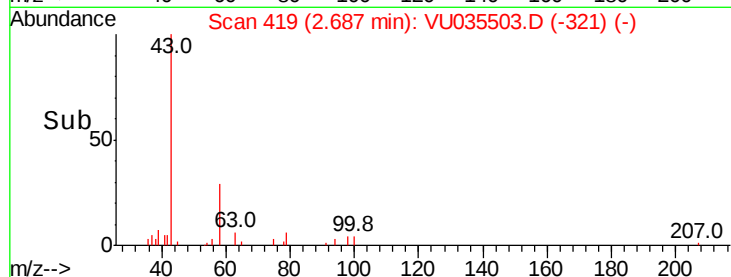
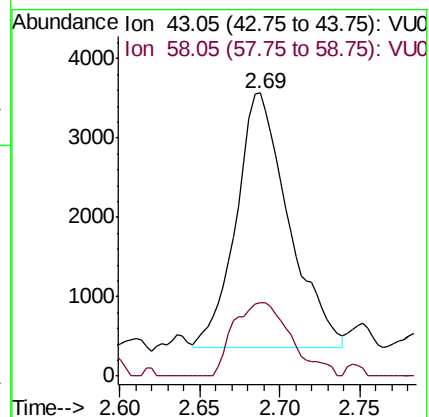
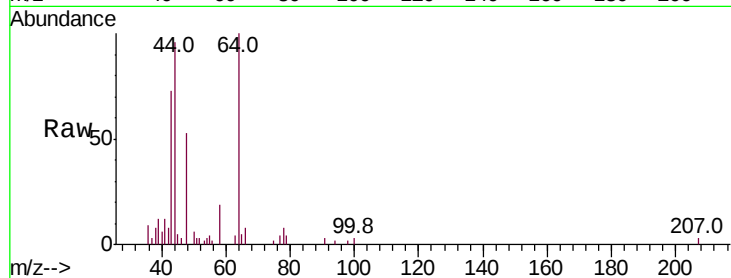
GAQ92

Tot Ion: 43 Resp: 7194

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.2



#18

trans-1,2-Dichloroethene

Concen: 0.522 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU035503.D

Acq: 25 Oct 2019 22:04

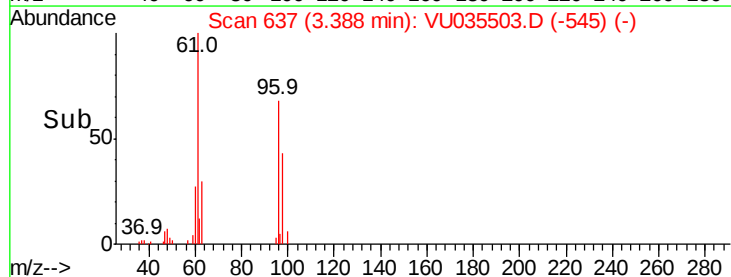
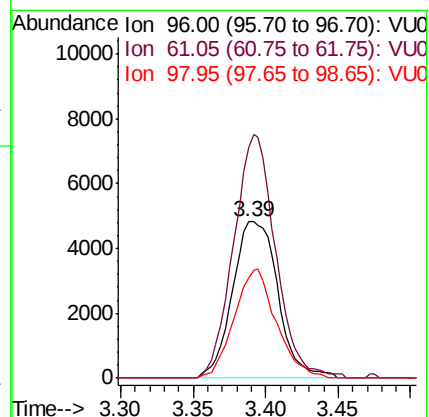
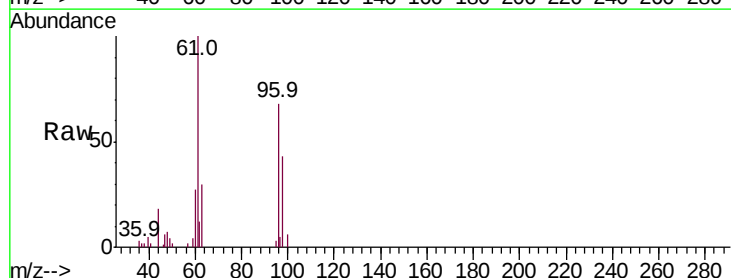
Tgt Ion: 96 Resp: 10506

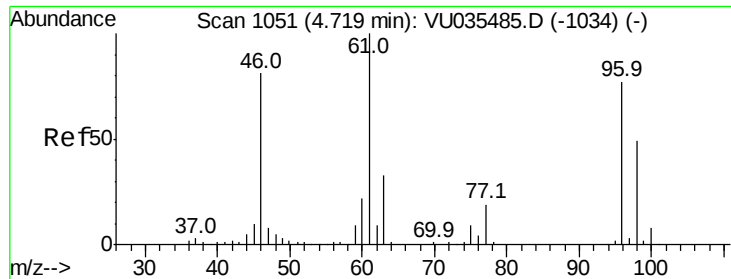
Ion Ratio Lower Upper

96 100

61 148.1 99.0 184.0

98 63.9 43.8 81.4

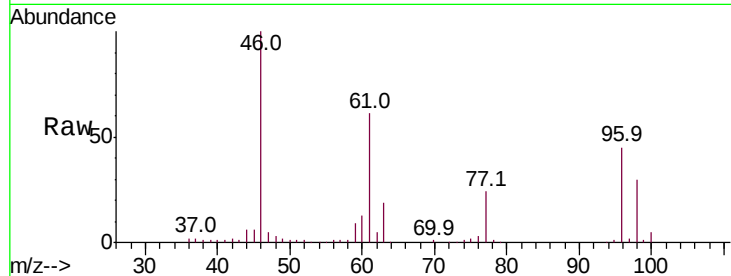




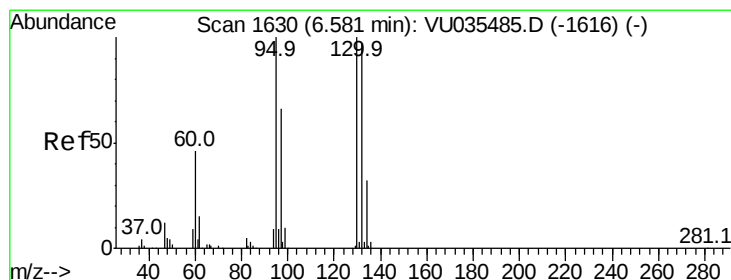
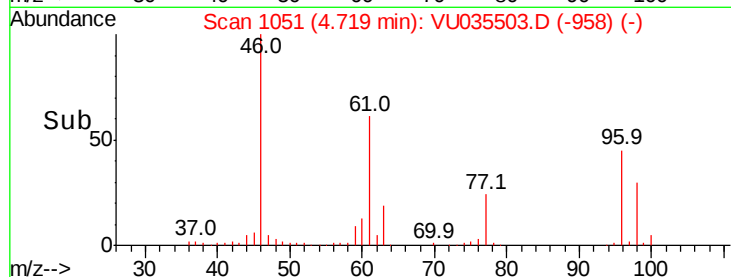
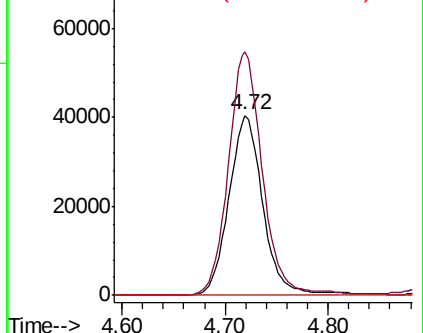
#22
 cis-1,2-Dichloroethene
 Concen: 4.300 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU035503.D
 Acq: 25 Oct 2019 22:04

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ92

Tot Ion: 96 Resp: 92341
 Ion Ratio Lower Upper
 96 100
 61 135.4 93.6 173.8
 68 0.0 0.0 0.0



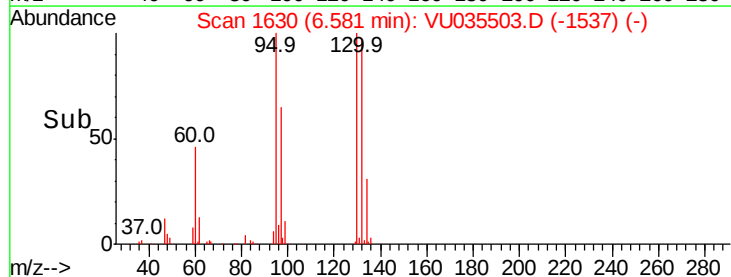
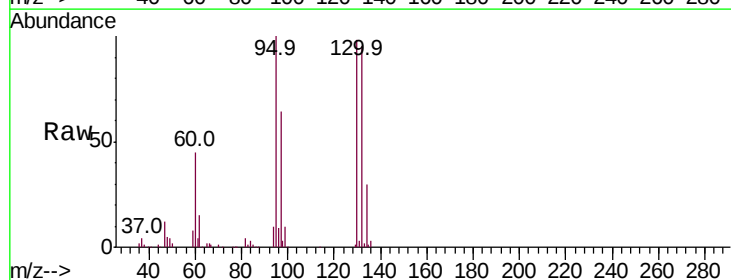
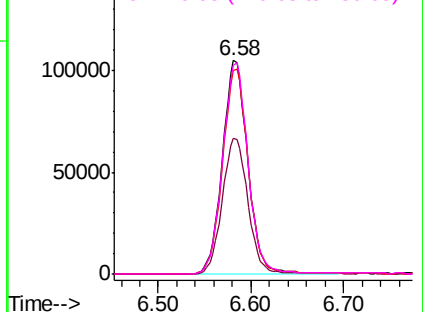
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

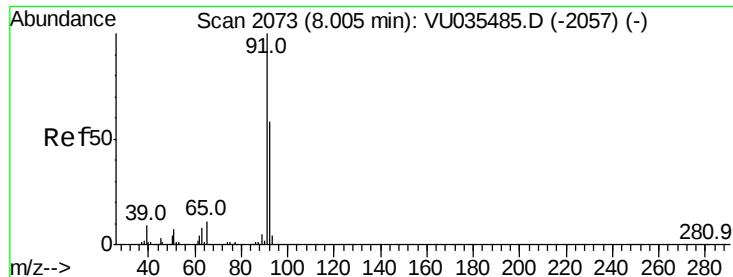


#34
 Trichloroethene
 Concen: 9.300 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035503.D
 Acq: 25 Oct 2019 22:04

Tgt Ion: 95 Resp: 200453
 Ion Ratio Lower Upper
 95 100
 97 63.7 43.8 81.4
 132 95.4 67.3 124.9
 130 97.9 70.6 131.2

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





#42

Toluene

Concen: 0.108 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035503.D

Acq: 25 Oct 2019 22:04

Instrument :

MSVOA_U

ClientSampleId :

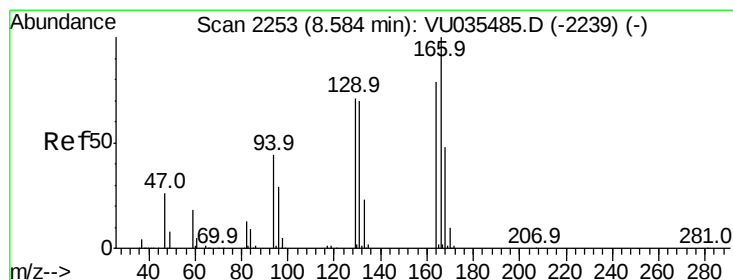
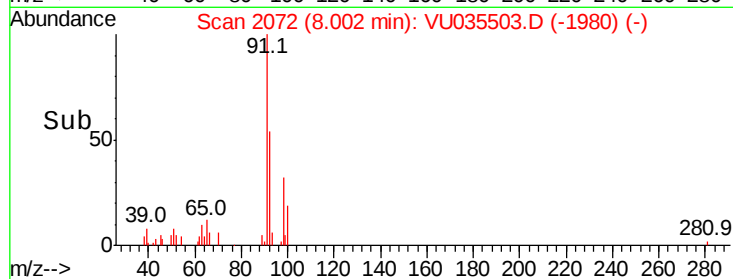
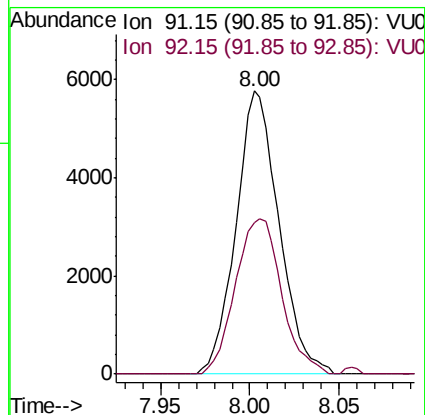
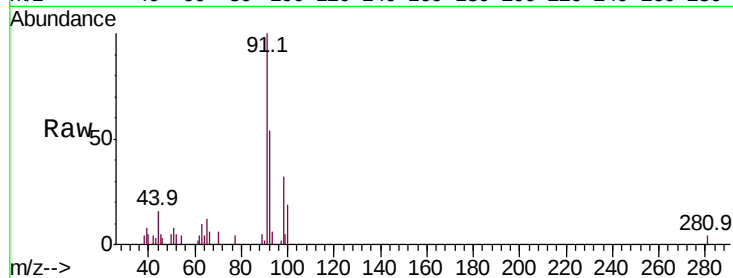
GAQ92

Tot Ion: 91 Resp: 9658

Ion Ratio Lower Upper

91 100

92 53.7 40.9 75.9



#47

Tetrachloroethene

Concen: 4.613 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035503.D

Acq: 25 Oct 2019 22:04

Tgt Ion: 164 Resp: 81635

Ion Ratio Lower Upper

164 100

129 91.9 64.6 120.0

131 90.0 63.1 117.3

166 129.2 90.4 168.0

