

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112119\
 Data File : VU035806.D
 Acq On : 21 Nov 2019 16:24
 Operator : JC/SP
 Sample : K5930-10 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AB0

Quant Time: Nov 22 03:07:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 01:33:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	83122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	153739	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.93	69	136987	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.60	63	243169	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	4.70	46	362979	53.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.26%
24) Chloroform-d	5.11	84	248788	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	154286	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.77	84	508133	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.74	67	178885	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.93	98	411057	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.22	79	61500	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.70	63	243453	46.25	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	135986	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	104668	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

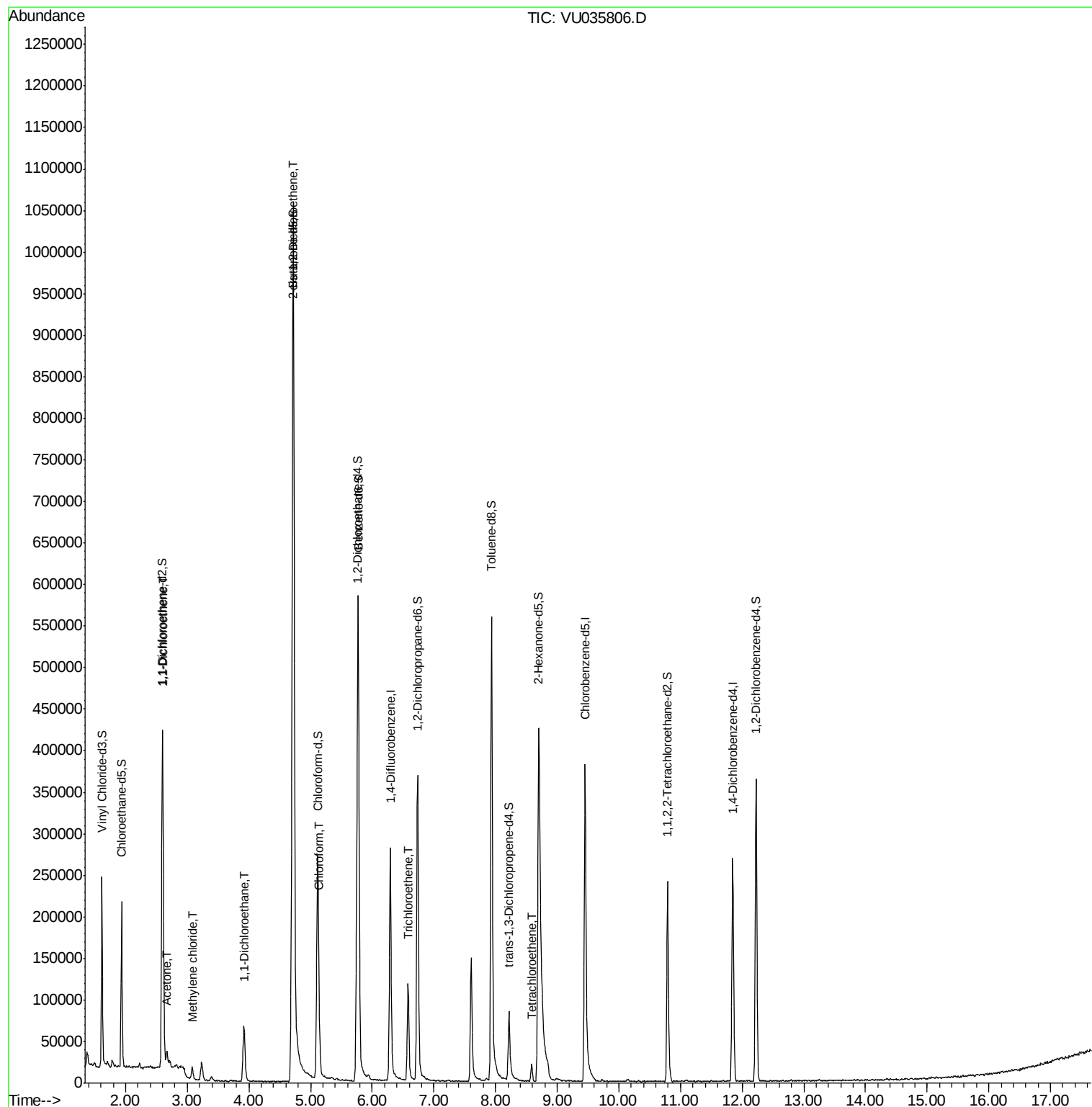
					Ovalue
12) 1,1-Dichloroethene	2.61	96	46599	1.982 ug/L	# 52
13) Acetone	2.67	43	20023	3.337 ug/L	96
16) Methylene chloride	3.08	84	6350	0.224 ug/L	95
19) 1,1-Dichloroethane	3.92	63	79696	1.532 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	476119	18.455 ug/L	98
25) Chloroform	5.14	83	25091	0.496 ug/L	91
34) Trichloroethene	6.58	95	41445	1.547 ug/L	99
47) Tetrachloroethene	8.59	164	5014	0.246 ug/L	88

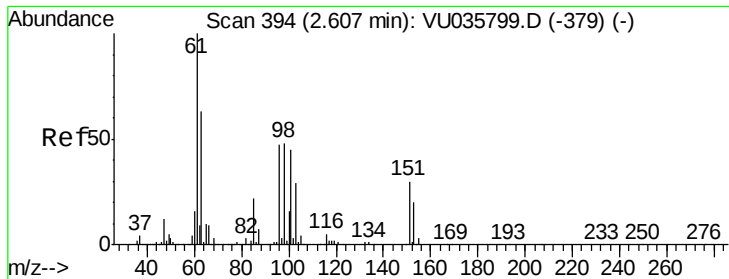
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.982 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035806.D

Acq: 21 Nov 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

B0AB0

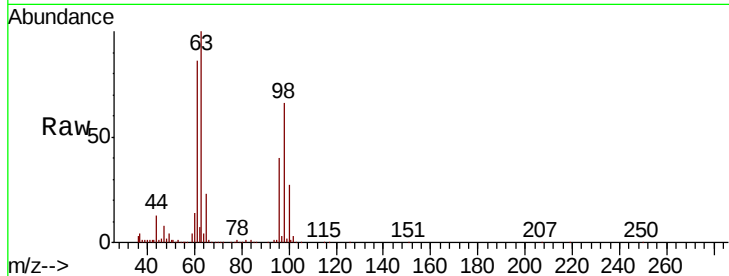
Tot Ion: 96 Resp: 46599

Ion Ratio Lower Upper

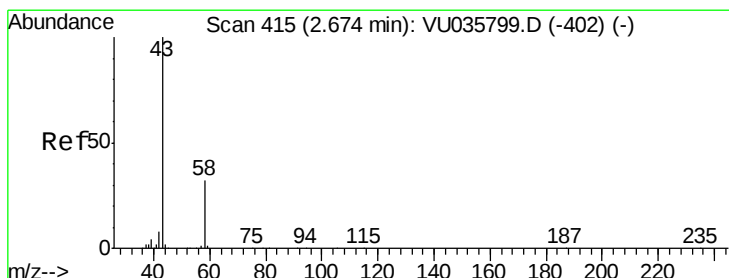
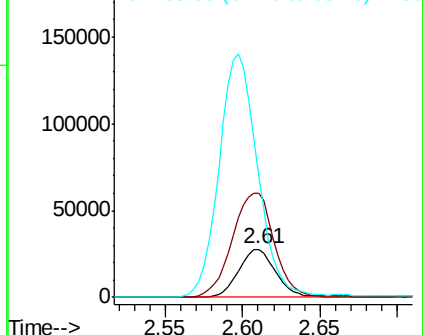
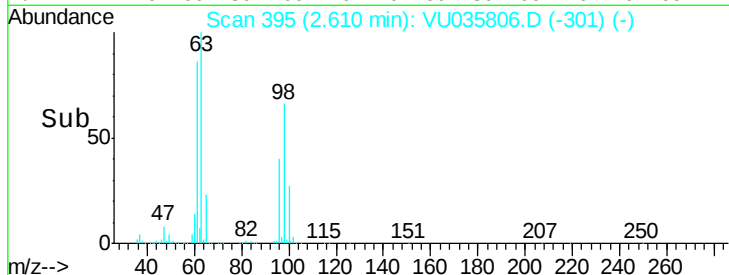
96 100

61 217.8 139.3 258.7

63 252.2 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035806.D (-301) (-)



#13

Acetone

Concen: 3.337 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035806.D

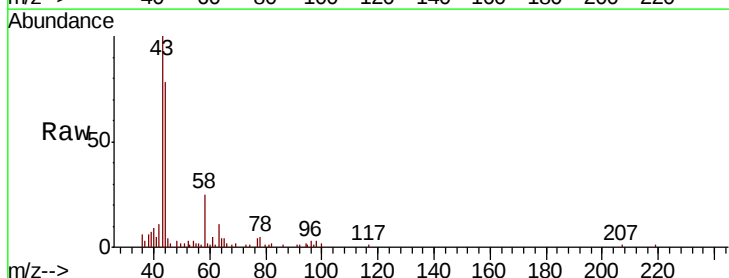
Acq: 21 Nov 2019 16:24

Tgt Ion: 43 Resp: 20023

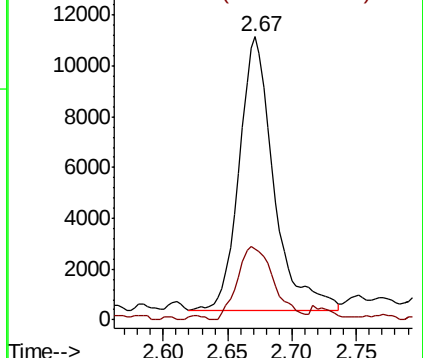
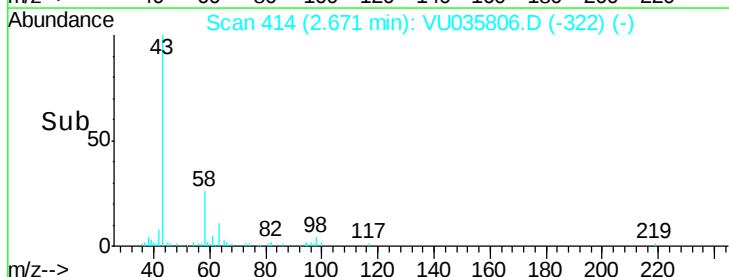
Ion Ratio Lower Upper

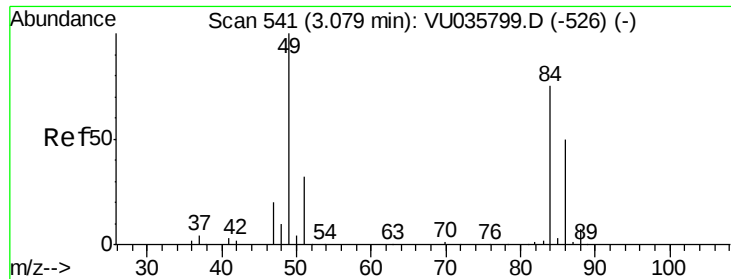
43 100

58 28.7 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035806.D (-322) (-)

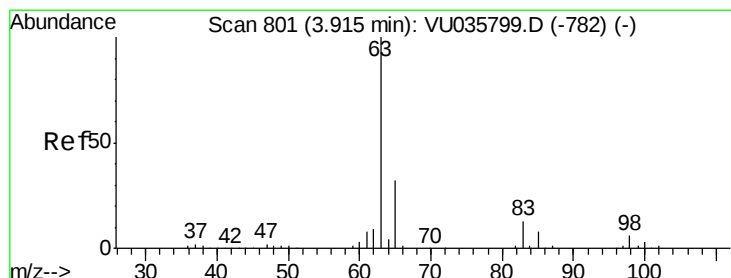
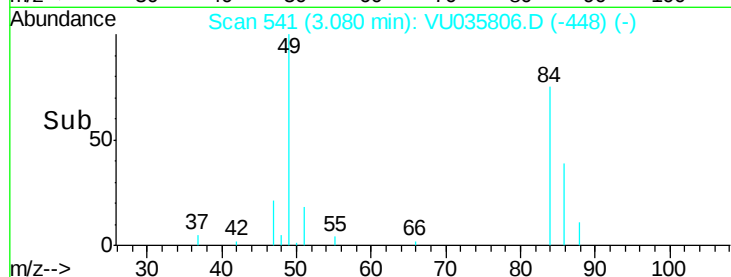
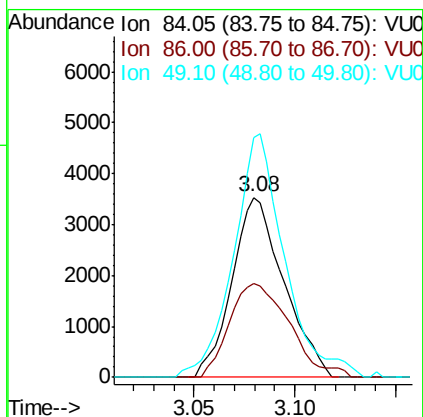
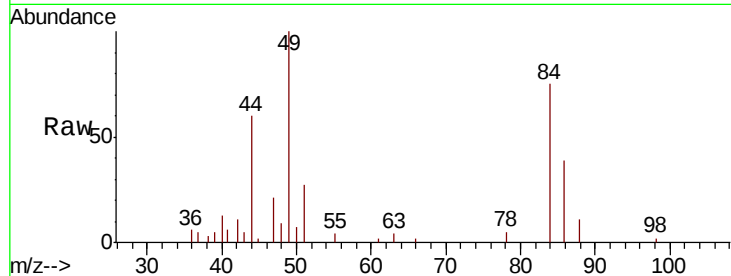




#16
Methvlene chloride
Concen: 0.224 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU035806.D
Acq: 21 Nov 2019 16:24

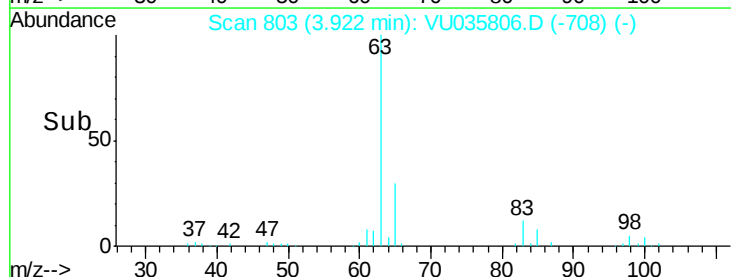
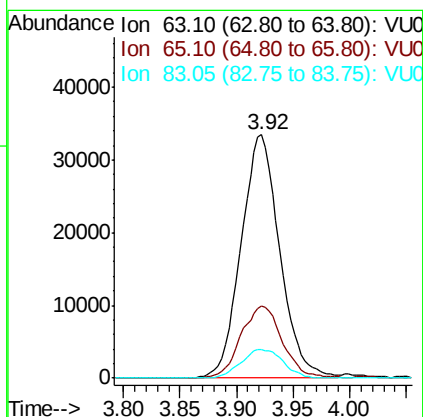
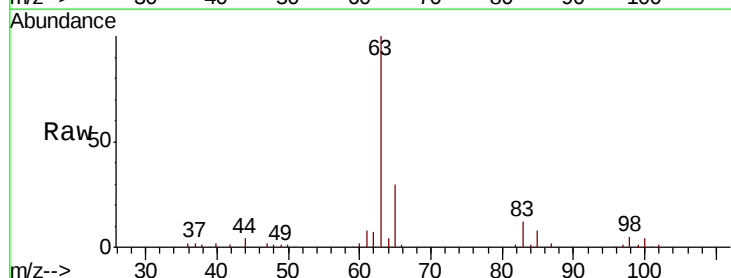
Instrument :
MSVOA_U
ClientSampleId :
B0AB0

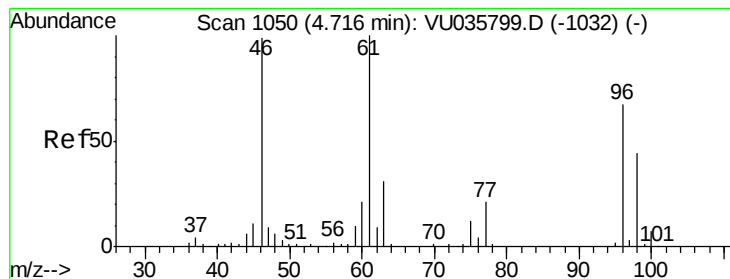
Tot Ion: 84 Resp: 6350
Ion Ratio Lower Upper
84 100
86 52.1 44.4 82.5
49 133.1 94.0 174.6



#19
1,1-Dichloroethane
Concen: 1.532 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035806.D
Acq: 21 Nov 2019 16:24

Tgt Ion: 63 Resp: 79696
Ion Ratio Lower Upper
63 100
65 29.5 21.8 40.4
83 11.8 8.6 16.0





#22

cis-1,2-Dichloroethene

Concen: 18.455 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035806.D

Acq: 21 Nov 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

B0AB0

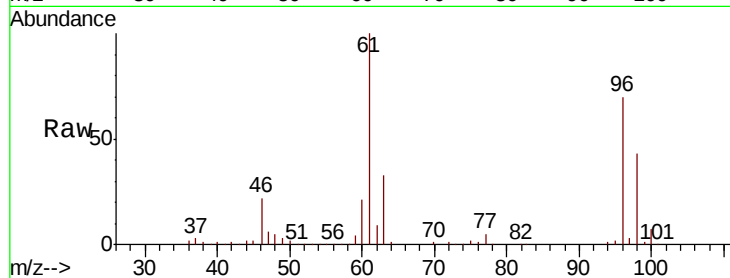
Tot Ion: 96 Resp: 476119

Ion Ratio Lower Upper

96 100

61 142.5 98.1 182.1

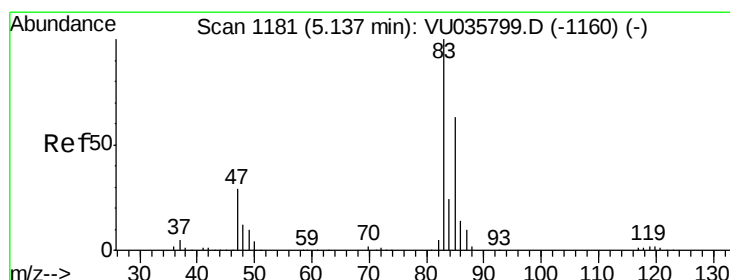
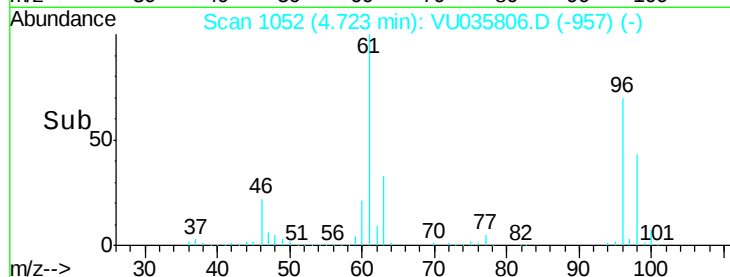
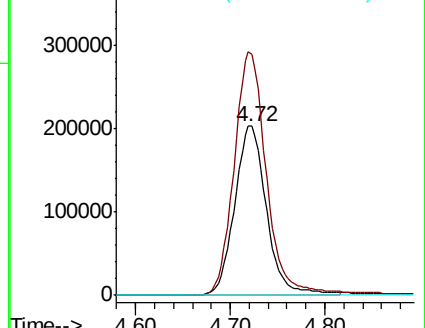
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035806.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035806.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035806.D (-957) (-)



#25

Chloroform

Concen: 0.496 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035806.D

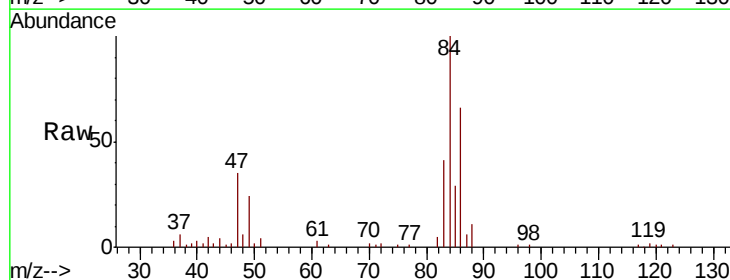
Acq: 21 Nov 2019 16:24

Tgt Ion: 83 Resp: 25091

Ion Ratio Lower Upper

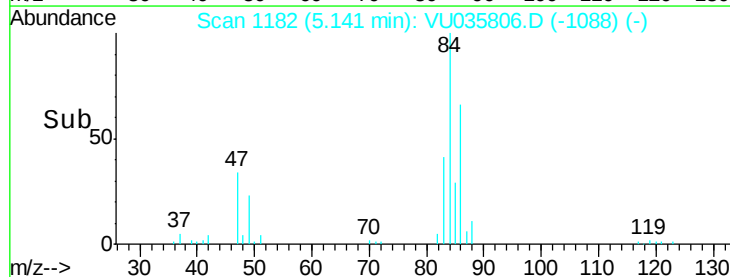
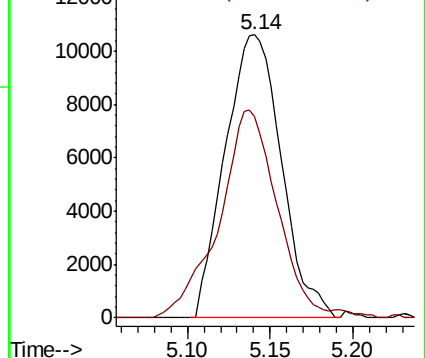
83 100

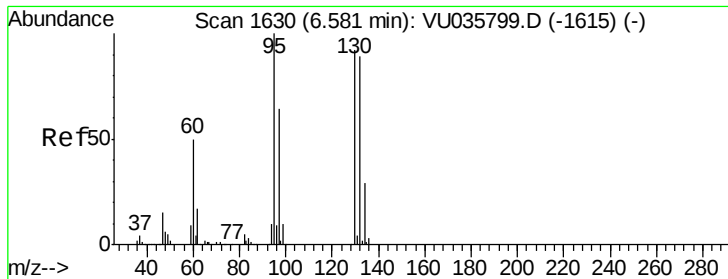
85 71.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035806.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035806.D (-1088) (-)





#34

Trichloroethene

Concen: 1.547 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035806.D

Acq: 21 Nov 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

B0AB0

Tot Ion: 95 Resp: 41445

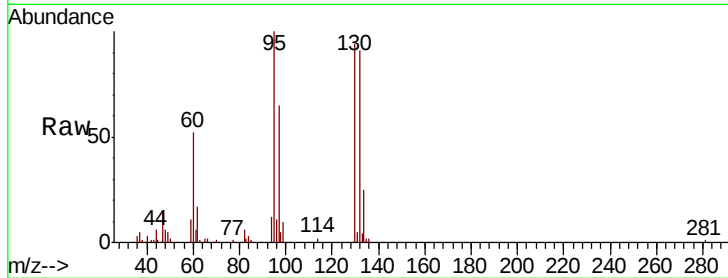
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 90.7 61.9 114.9

130 94.5 66.3 123.1



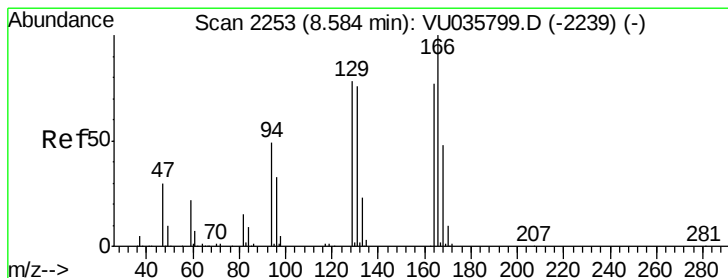
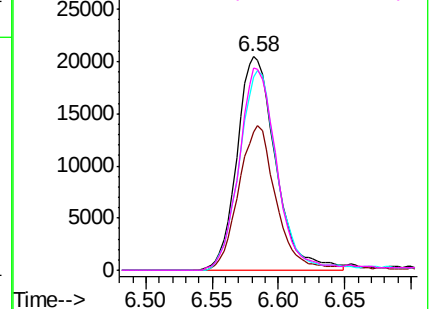
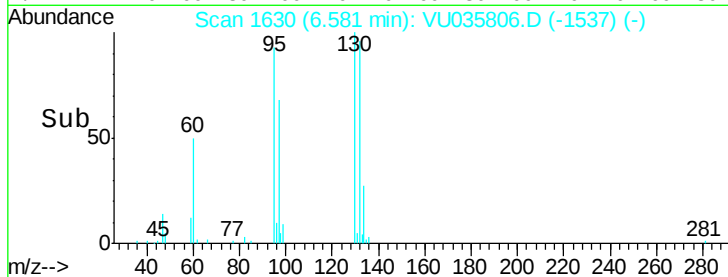
Abundance

Ion 95.00 (94.70 to 95.70): VU035806.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035806.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035806.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035806.D (-1537) (-)



#47

Tetrachloroethene

Concen: 0.246 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035806.D

Acq: 21 Nov 2019 16:24

Tgt Ion: 164 Resp: 5014

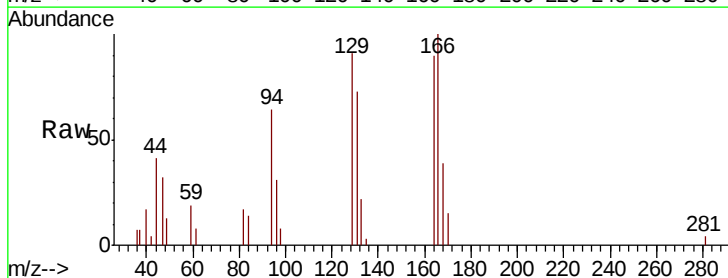
Ion Ratio Lower Upper

164 100

129 101.7 68.8 127.8

131 81.4 67.3 124.9

166 111.3 91.6 170.2



Abundance

Ion 163.90 (163.60 to 164.60): VU035806.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU035806.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU035806.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU035806.D (-2160) (-)

