

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035245.D
 Acq On : 18 Oct 2019 05:40
 Operator : JC/SP
 Sample : K5419-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ3

Quant Time: Oct 18 07:38:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 07:32:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	340435	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	330939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	126243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	109752	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.94	69	92907	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.60	63	147150	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.71	46	267294	44.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	5.11	84	177507	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.75	65	106830	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	388498	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.74	67	121421	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	364570	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.22	79	52292	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.70	63	226262	43.99	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99250	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.23	152	116715	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

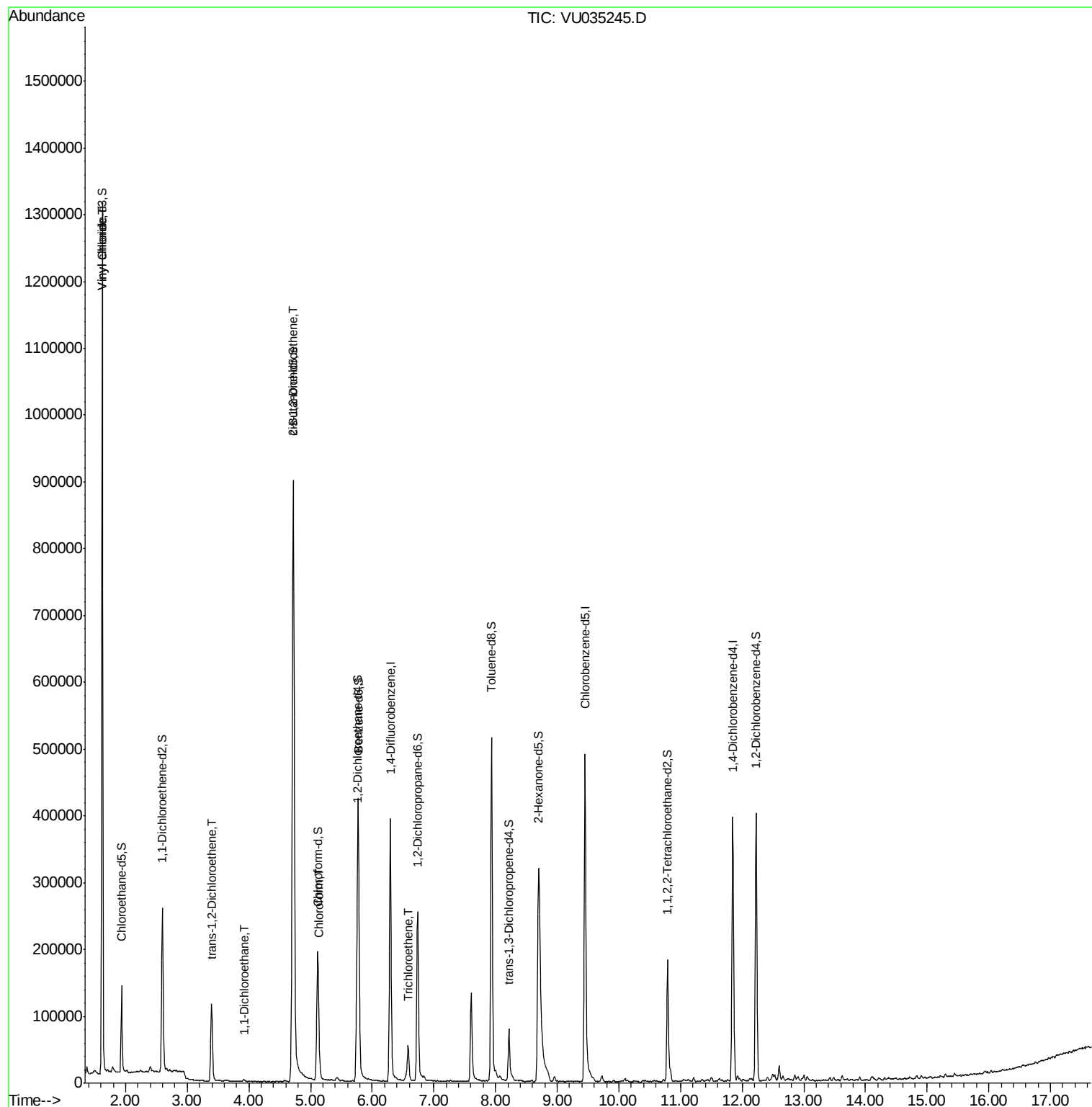
					Ovalue
5) Vinyl chloride	1.62	62	788149	26.701	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	50121	2.123	ug/L 96
19) 1,1-Dichloroethane	3.92	63	4201	0.098	ug/L 90
22) cis-1,2-Dichloroethene	4.72	96	421378	16.152	ug/L 100
25) Chloroform	5.14	83	13007	0.278	ug/L 96
34) Trichloroethene	6.58	95	17299	0.661	ug/L 95

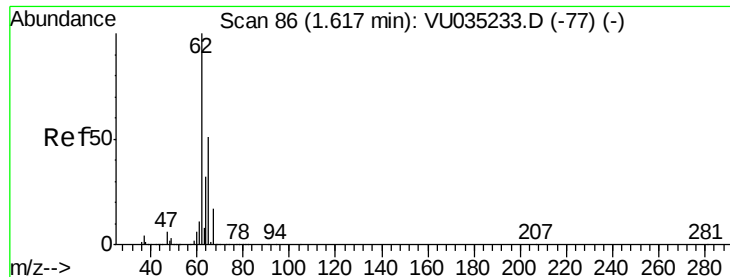
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 26.701 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035245.D

Acq: 18 Oct 2019 05:40

Instrument :

MSVOA_U

ClientSampleId :

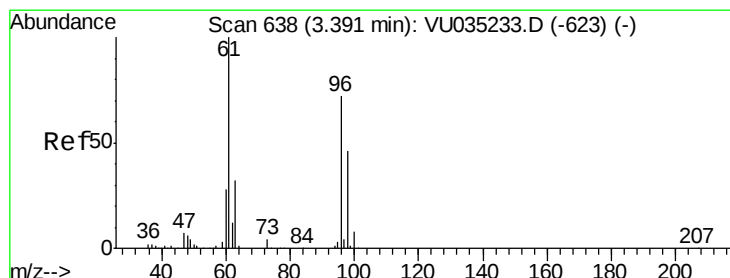
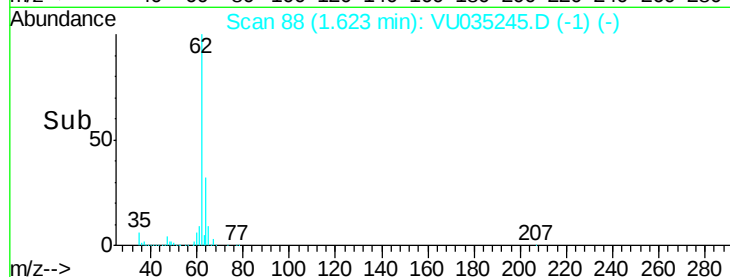
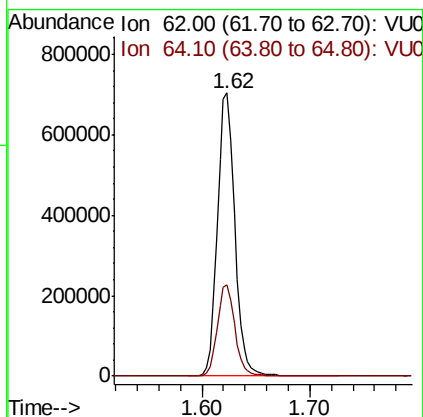
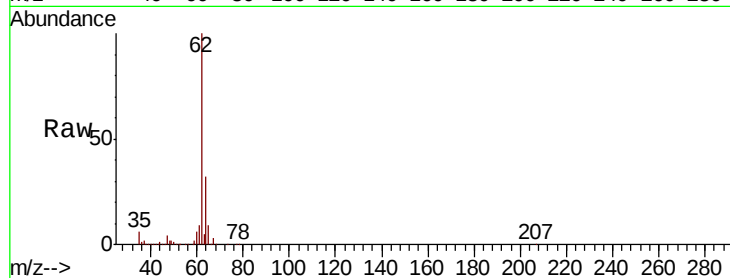
H0FZ3

Tot Ion: 62 Resp: 788149

Ion Ratio Lower Upper

62 100

64 32.3 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 2.123 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035245.D

Acq: 18 Oct 2019 05:40

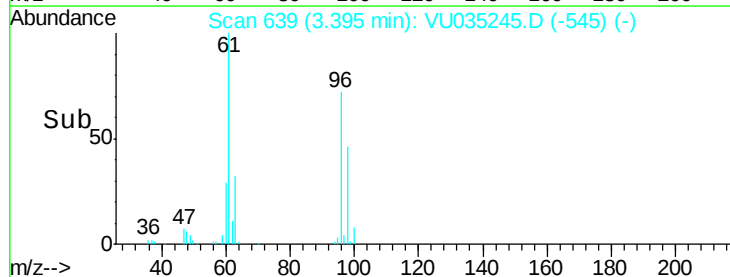
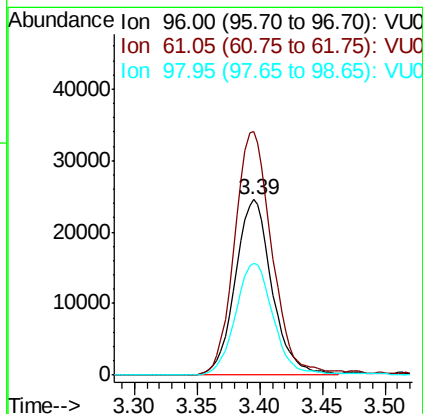
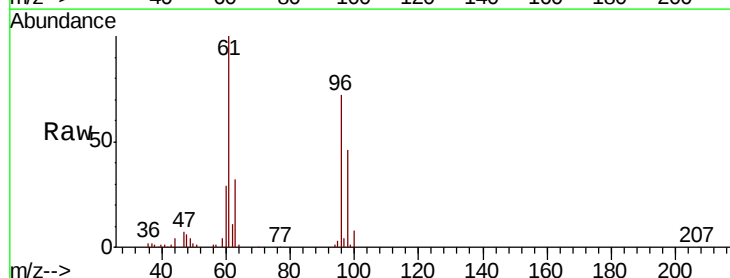
Tgt Ion: 96 Resp: 50121

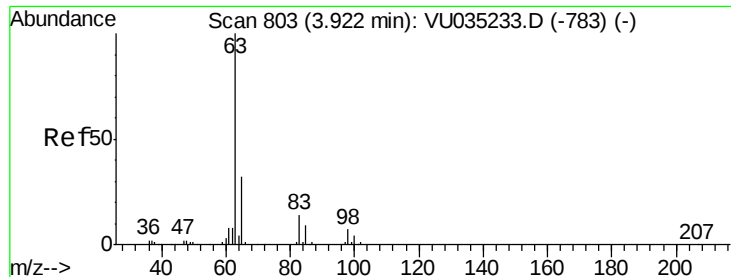
Ion Ratio Lower Upper

96 100

61 138.8 93.0 172.6

98 63.9 43.7 81.1

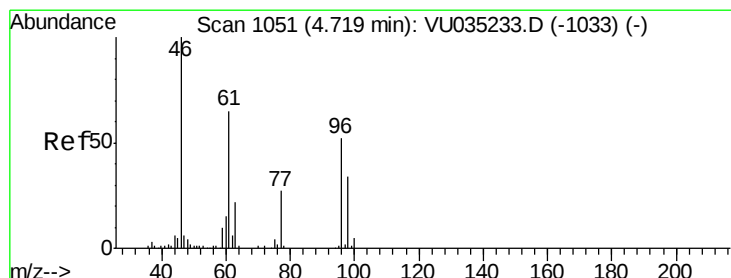
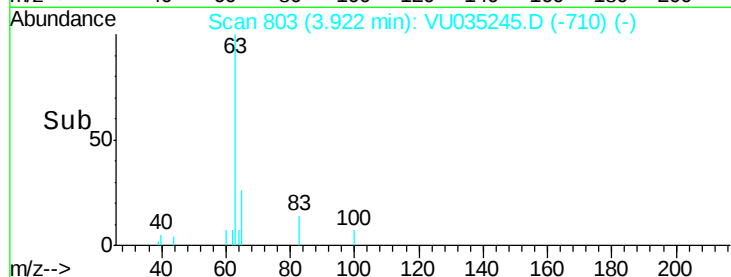
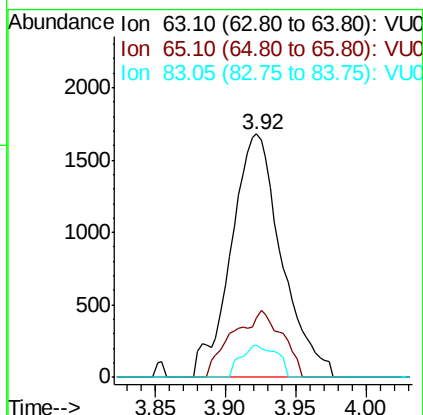
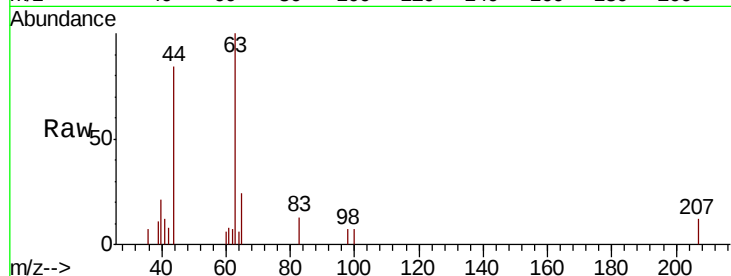




#19
 1,1-Dichloroethane
 Concen: 0.098 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VU035245.D
 Acq: 18 Oct 2019 05:40

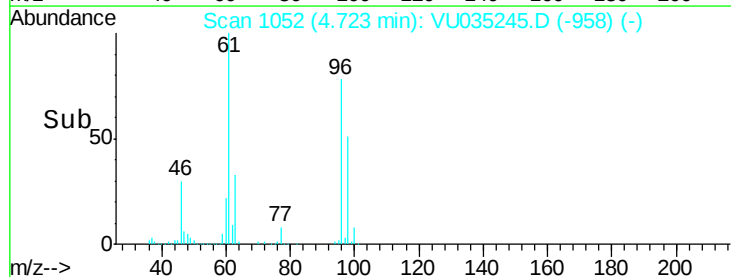
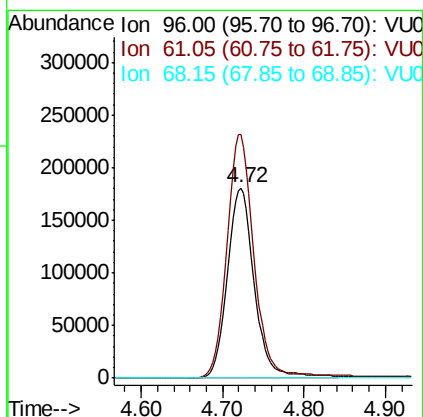
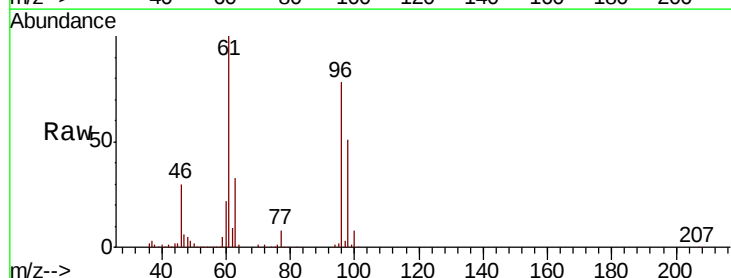
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ3

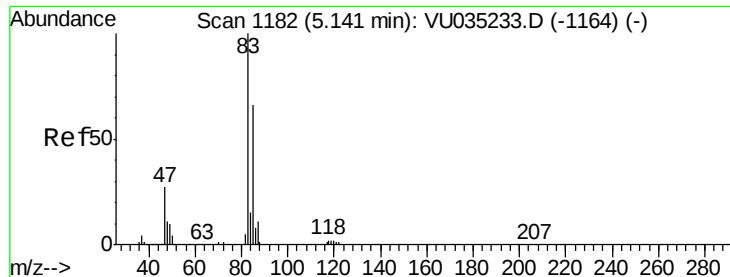
Tot Ion: 63 Resp: 4201
 Ion Ratio Lower Upper
 63 100
 65 24.4 22.4 41.6
 83 13.2 9.3 17.3



#22
 cis-1,2-Dichloroethene
 Concen: 16.152 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VU035245.D
 Acq: 18 Oct 2019 05:40

Tgt Ion: 96 Resp: 421378
 Ion Ratio Lower Upper
 96 100
 61 127.9 89.7 166.5
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.278 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035245.D

Acq: 18 Oct 2019 05:40

Instrument :

MSVOA_U

ClientSampleId :

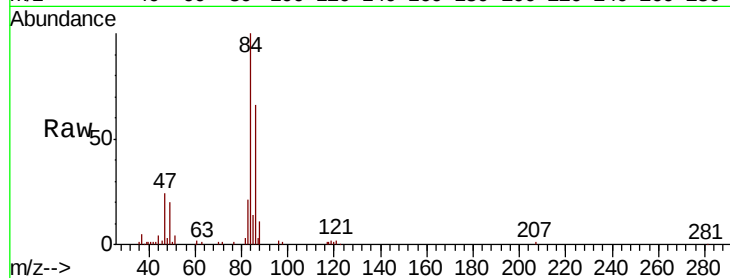
H0FZ3

Tot Ion: 83 Resp: 13007

Ion Ratio Lower Upper

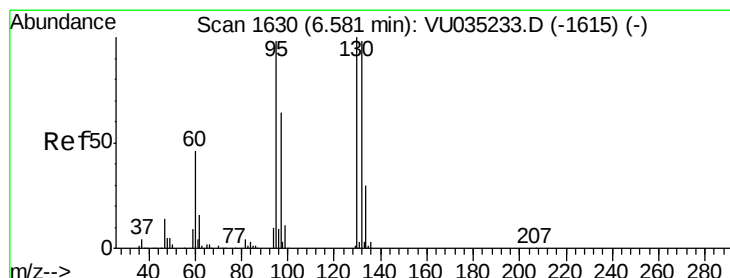
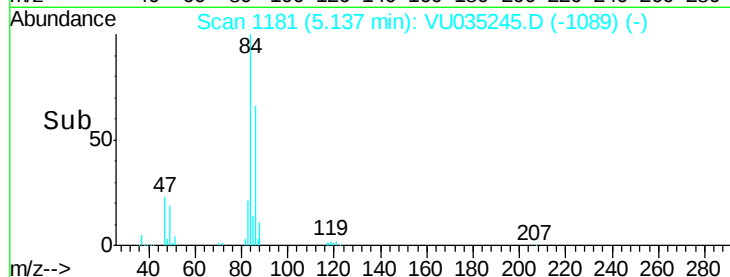
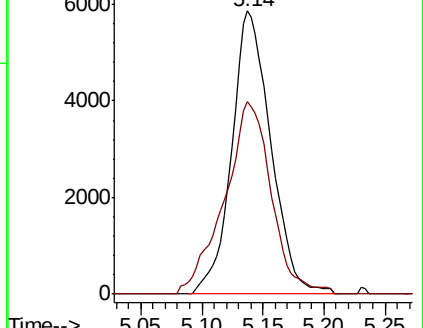
83 100

85 67.9 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU035233.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU035233.D (-1164) (-)



#34

Trichloroethene

Concen: 0.661 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035245.D

Acq: 18 Oct 2019 05:40

Tgt Ion: 95 Resp: 17299

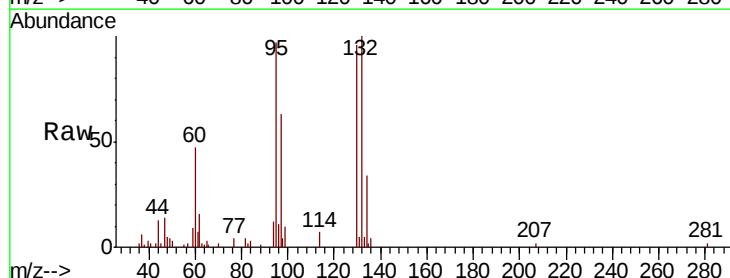
Ion Ratio Lower Upper

95 100

97 64.7 46.6 86.6

132 102.9 68.7 127.7

130 98.8 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035233.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035233.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035233.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035233.D (-1615) (-)

