

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112119\
 Data File : VV013711.D
 Acq On : 21 Nov 2019 14:19
 Operator : SY/MD
 Sample : K5941-04 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AB3

Quant Time: Nov 22 04:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 03:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	328680	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	328565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126379	6.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.40%
7) Chloroethane-d5	1.55	69	82550	4.55	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	234300	6.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.80%#
20) 2-Butanone-d5	3.92	46	321967	68.57	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.14%#
24) Chloroform-d	4.39	84	247301	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.07	65	133223	6.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.60%
32) Benzene-d6	5.09	84	516255	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.11	67	159982	5.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.20%
41) Toluene-d8	7.35	98	460868	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
43) trans-1,3-Dichloropropene-	7.66	79	53937	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.13	63	247483	62.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115362	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	198983	6.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.80%#

Target Compounds

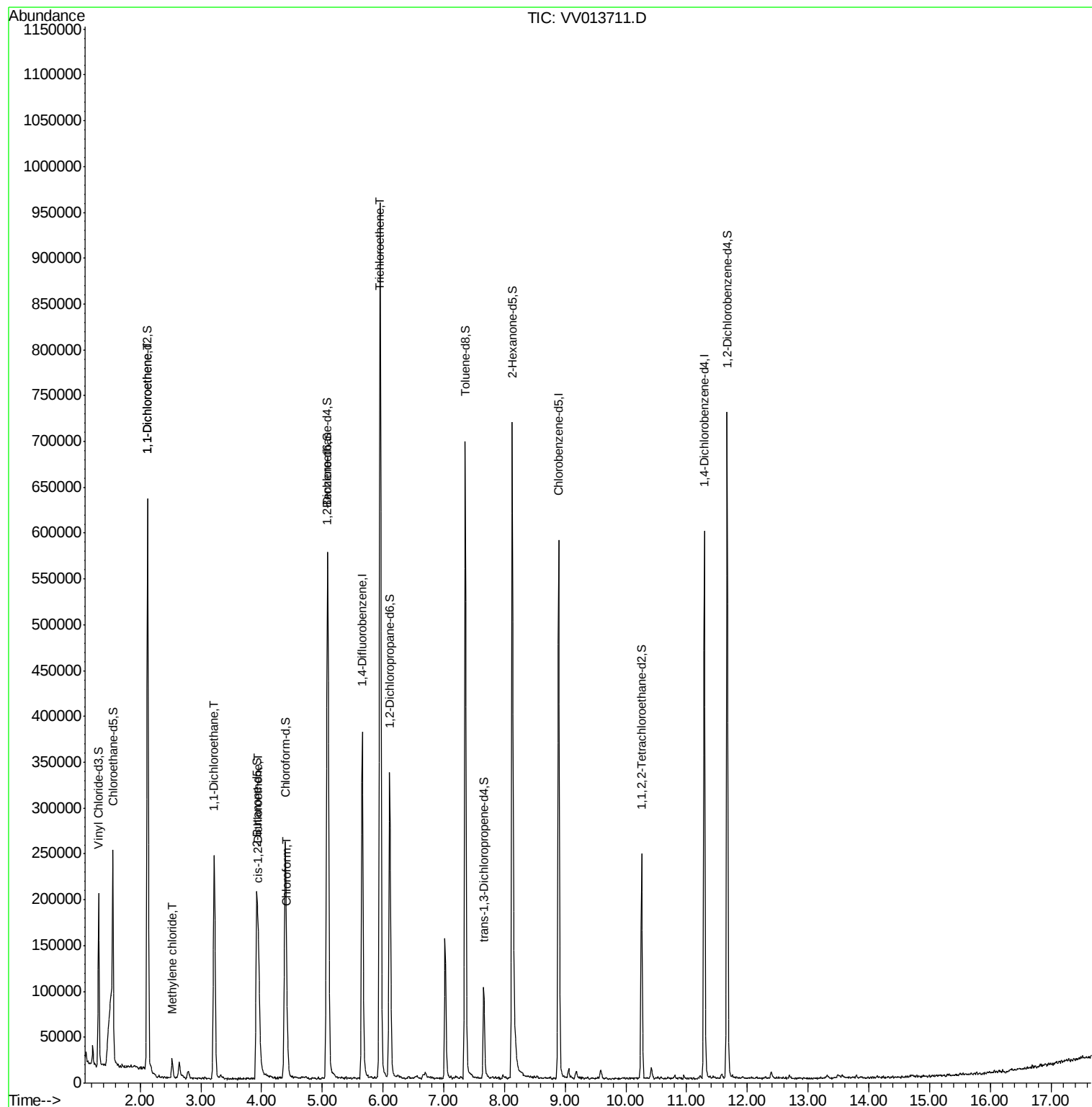
					Ovalue
12) 1,1-Dichloroethene	2.13	96	124874	6.359 ug/L	99
16) Methylene chloride	2.53	84	8970	0.329 ug/L	92
19) 1,1-Dichloroethane	3.22	63	245434	5.675 ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	42729	1.700 ug/L #	98
25) Chloroform	4.42	83	32733	0.559 ug/L	98
34) Trichloroethene	5.95	95	315563	11.855 ug/L	96

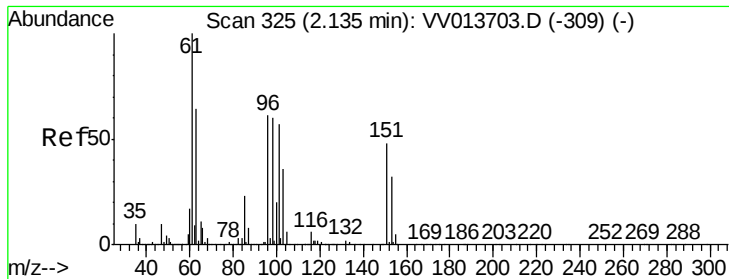
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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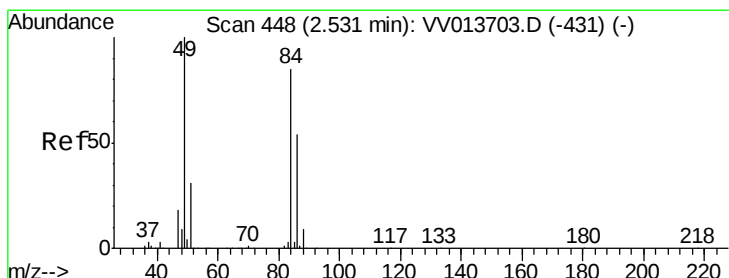
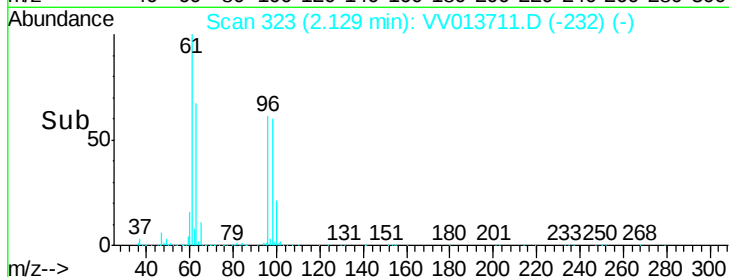
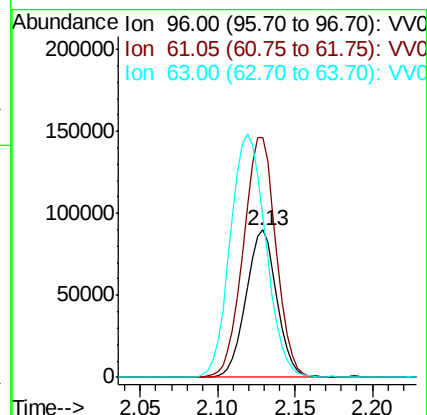
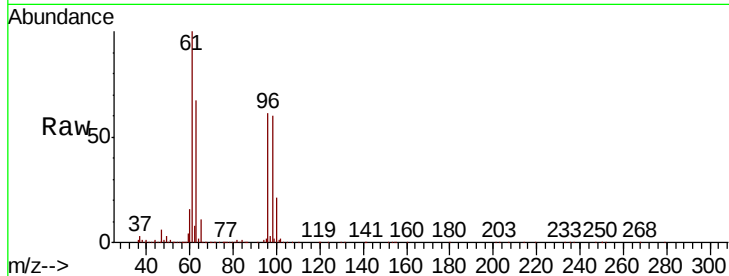




#12
 1,1-Dichloroethene
 Concen: 6.359 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV013711.D
 Acq: 21 Nov 2019 14:19

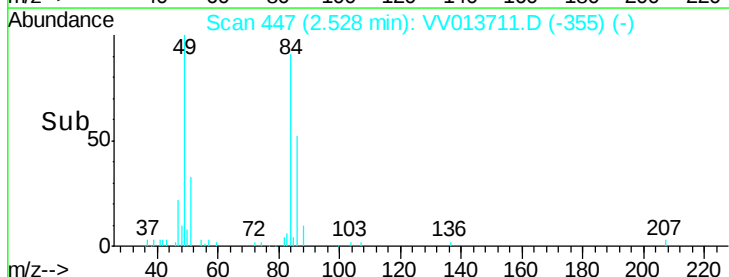
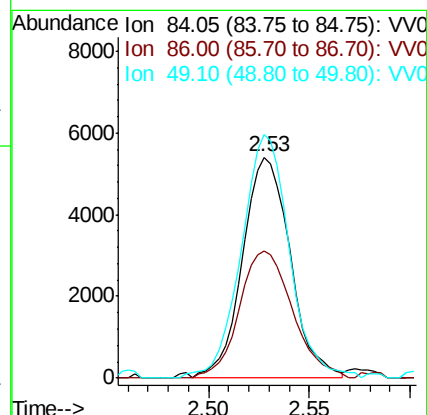
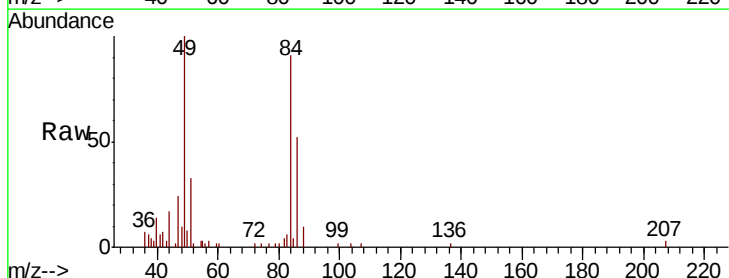
Instrument :
 MSVOA_V
 ClientSampleId :
 B0AB3

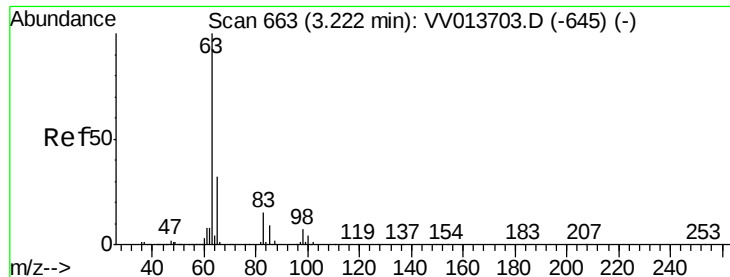
Tot Ion: 96 Resp: 124874
 Ion Ratio Lower Upper
 96 100
 61 163.1 112.5 208.9
 63 108.9 76.9 142.7



#16
 Methylene chloride
 Concen: 0.329 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: VV013711.D
 Acq: 21 Nov 2019 14:19

Tgt Ion: 84 Resp: 8970
 Ion Ratio Lower Upper
 84 100
 86 57.4 44.1 81.9
 49 110.1 83.4 155.0

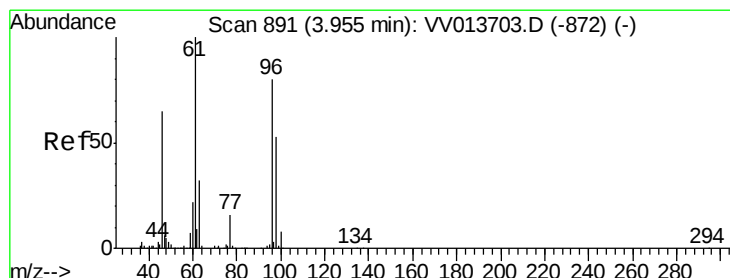
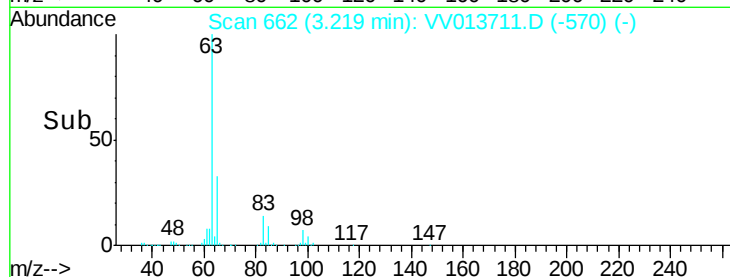
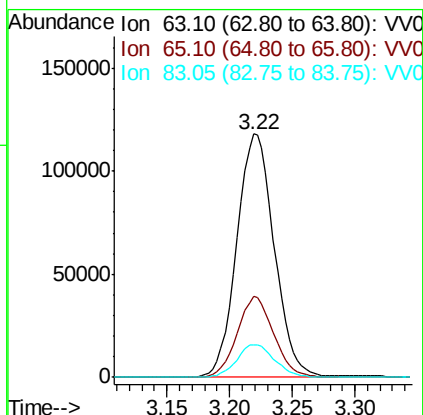
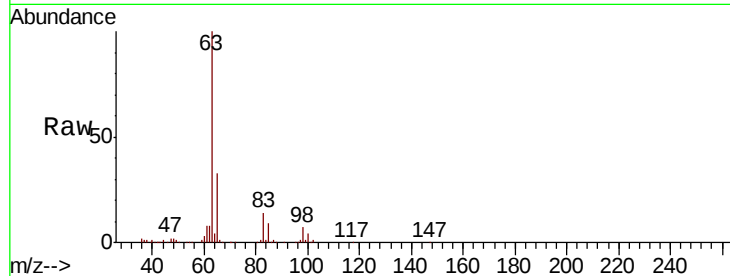




#19
 1,1-Dichloroethane
 Concen: 5.675 ug/L
 RT: 3.22 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: VV013711.D
 Acq: 21 Nov 2019 14:19

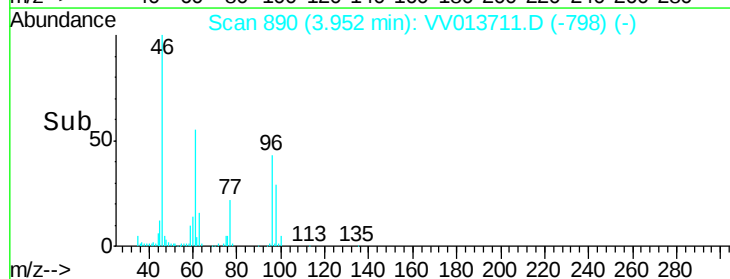
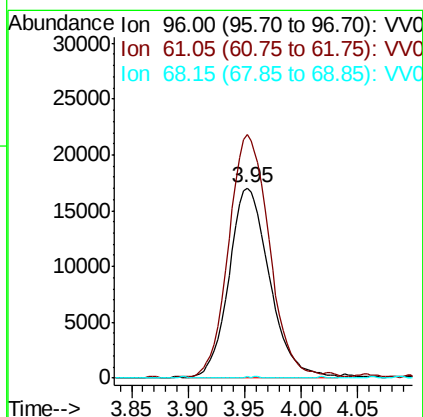
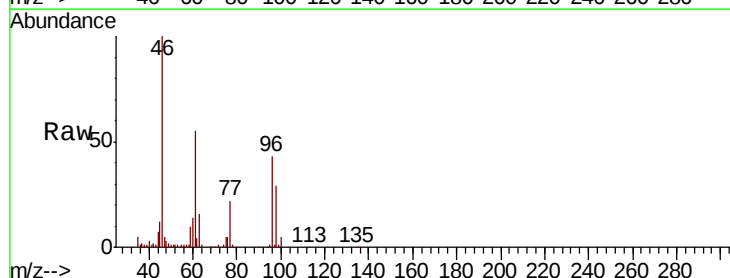
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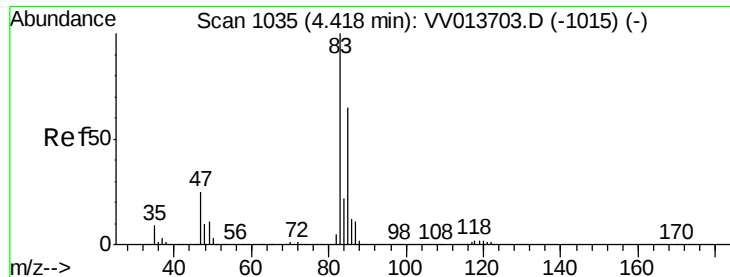
Tot Ion: 63 Resp: 245434
 Ion Ratio Lower Upper
 63 100
 65 33.2 22.5 41.7
 83 13.6 9.7 17.9



#22
 cis-1,2-Dichloroethene
 Concen: 1.700 ug/L
 RT: 3.95 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VV013711.D
 Acq: 21 Nov 2019 14:19

Tgt Ion: 96 Resp: 42729
 Ion Ratio Lower Upper
 96 100
 61 127.9 87.7 162.9
 68 0.6 0.1 0.3#





#25

Chloroform

Concen: 0.559 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013711.D

Acq: 21 Nov 2019 14:19

Instrument :

MSVOA_V

ClientSampleId :

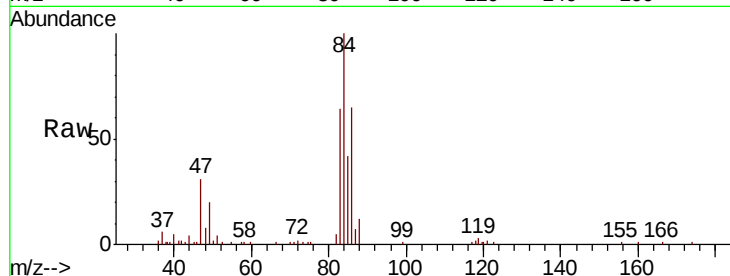
B0AB3

Tot Ion: 83 Resp: 32733

Ion Ratio Lower Upper

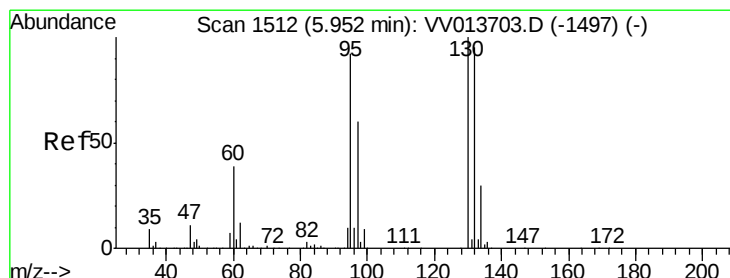
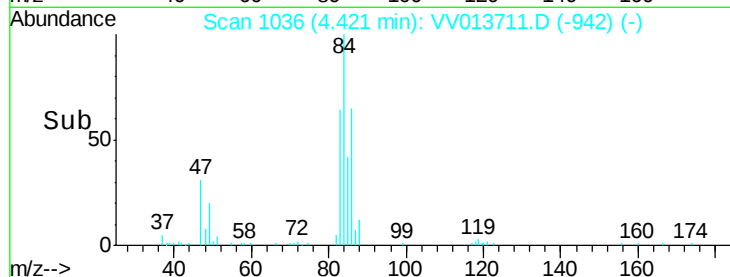
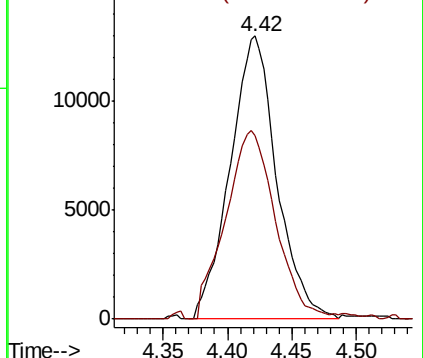
83 100

85 64.8 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV013703.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV013703.D (-1015) (-)



#34

Trichloroethene

Concen: 11.855 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV013711.D

Acq: 21 Nov 2019 14:19

Tgt Ion: 95 Resp: 315563

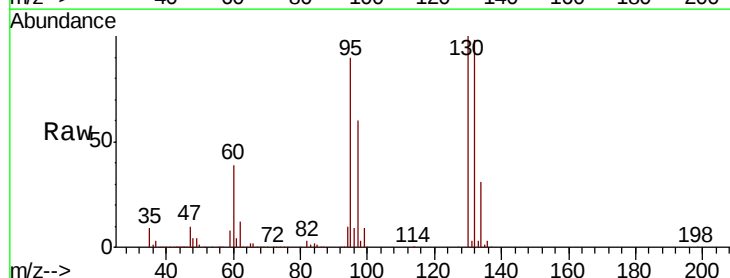
Ion Ratio Lower Upper

95 100

97 66.1 44.8 83.2

132 108.6 72.9 135.3

130 110.6 75.1 139.5



Abundance Ion 95.00 (94.70 to 95.70): VV013703.D (-1497) (-)

Ion 96.95 (96.65 to 97.65): VV013703.D (-1497) (-)

Ion 131.95 (131.65 to 132.65): VV013703.D (-1497) (-)

Ion 129.95 (129.65 to 130.65): VV013703.D (-1497) (-)

