

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015209.D
 Acq On : 27 Mar 2020 13:24
 Operator : SY/MD
 Sample : L1941-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:40:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:31:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	673739	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	648091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	273915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144020	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.77	69	273	0.07	ug/L	0.19
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.14%#
11) 1,1-Dichloroethene-d2	2.12	63	228616	27.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.48%#
21) 2-Butanone-d5	3.94	46	210489	58.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.48%
24) Chloroform-d	4.38	84	278484	35.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.30%
26) 1,2-Dichloroethane-d4	5.06	65	189844	36.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.60%
32) Benzene-d6	5.08	84	534797	40.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.24%
36) 1,2-Dichloropropane-d6	6.10	67	179398	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.62%
41) Toluene-d8	7.34	98	481975	39.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.80%#
43) trans-1,3-Dichloropropene-	7.64	79	89331	34.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.22%
47) 2-Hexanone-d5	8.12	63	178936	63.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	268565	32.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	188084	36.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.56%#

Target Compounds

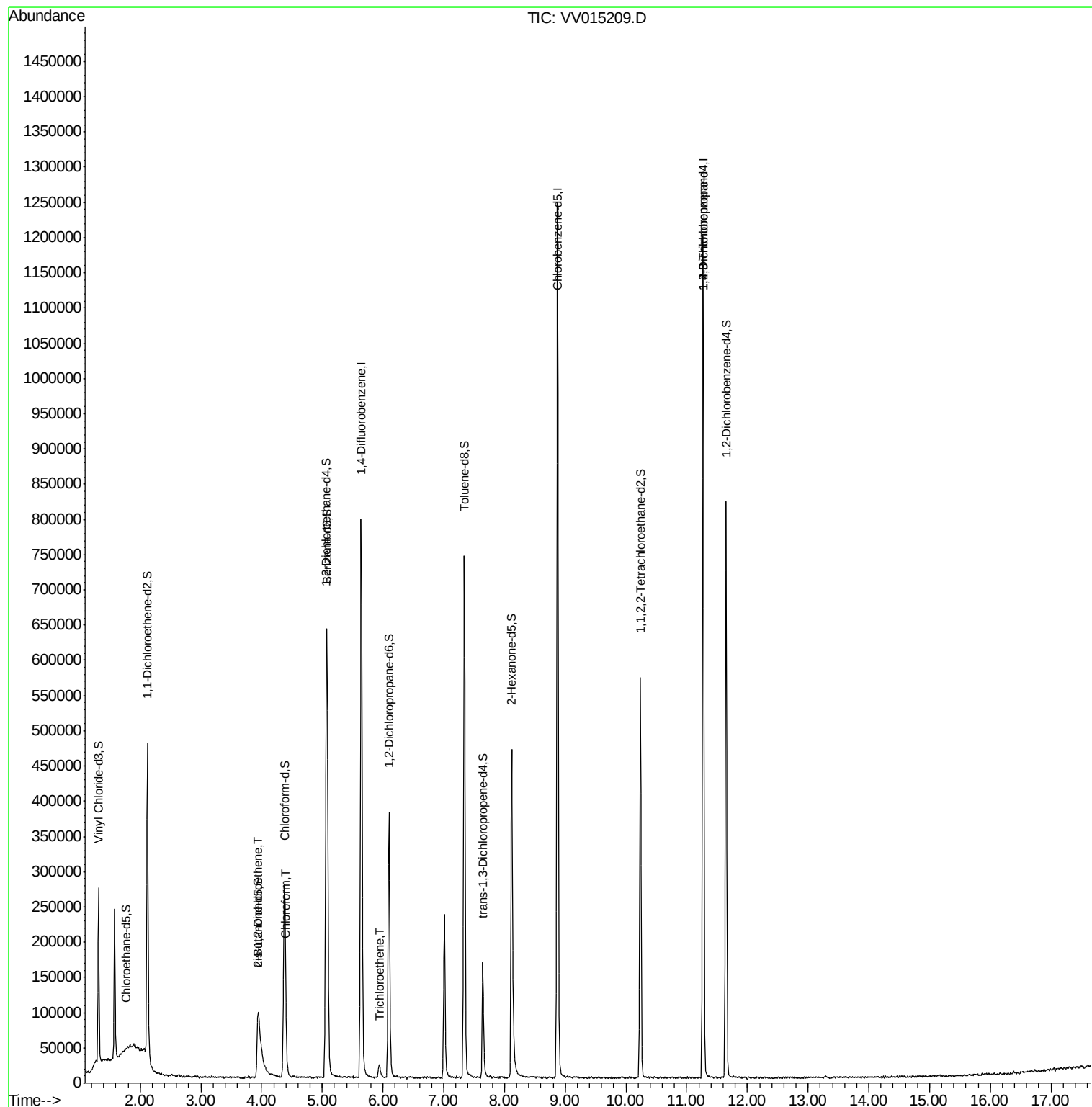
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	4839	0.920 ug/L #	97
25) Chloroform	4.41	83	11133	1.239 ug/L	87
34) Trichloroethene	5.94	95	5972	1.188 ug/L	79
59) 1,2,3-Trichloropropane	11.27	75	39239	5.988 ug/L	92

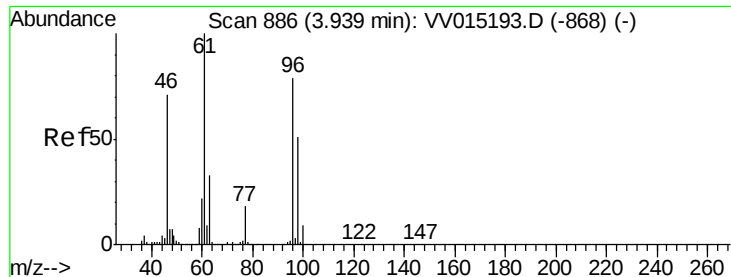
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 0.920 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015209.D

Acq: 27 Mar 2020 13:24

Instrument :
MSVOA_V
ClientSampleId :

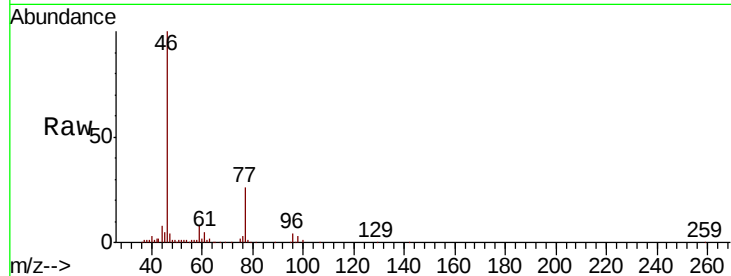
Tot Ion: 96 Resp: 4839

Ion Ratio Lower Upper

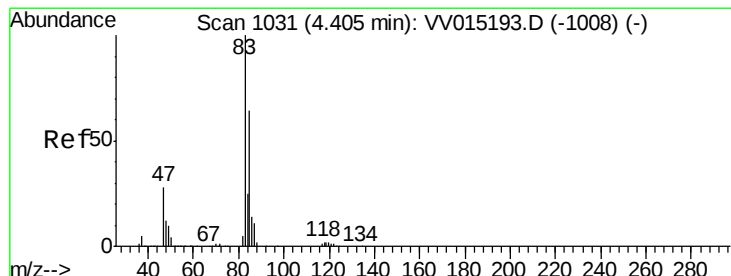
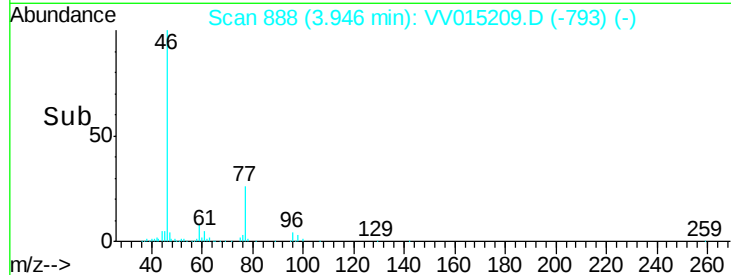
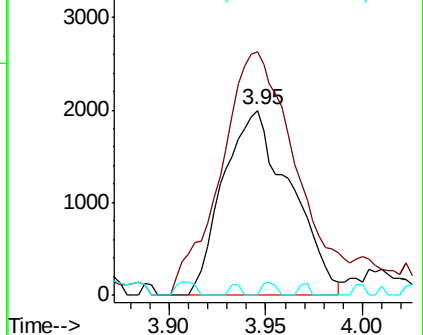
96 100

61 131.8 90.2 167.4

68 0.0 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



#25

Chloroform

Concen: 1.239 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV015209.D

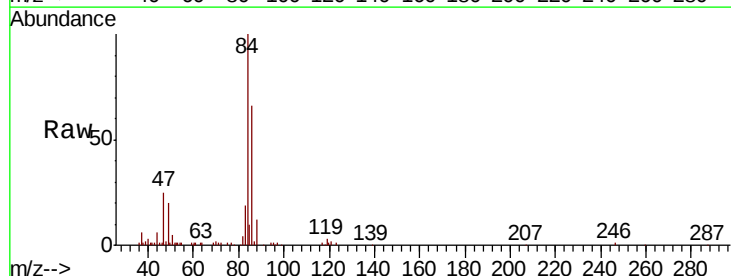
Acq: 27 Mar 2020 13:24

Tgt Ion: 83 Resp: 11133

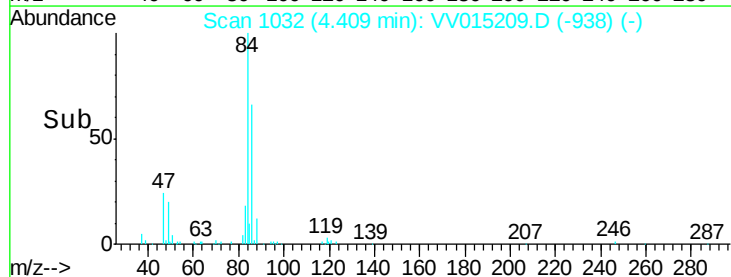
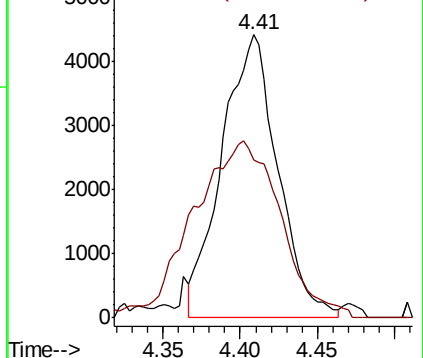
Ion Ratio Lower Upper

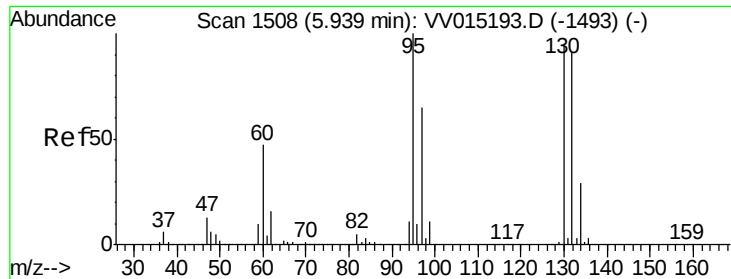
83 100

85 55.9 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

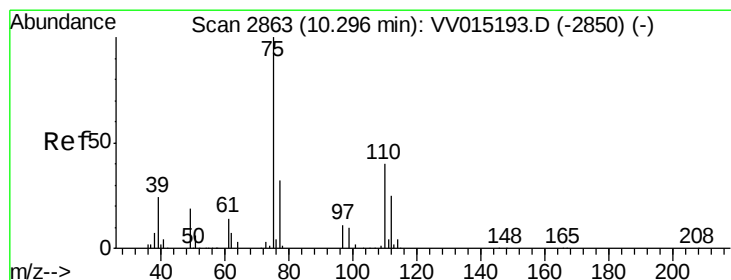
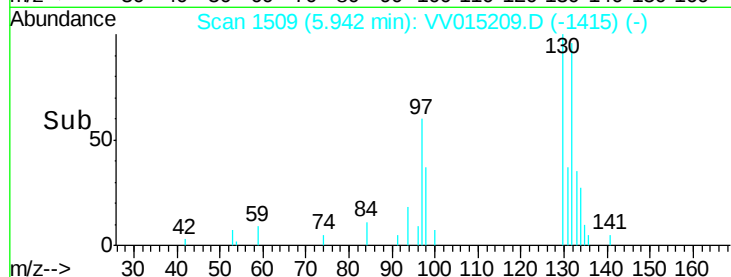
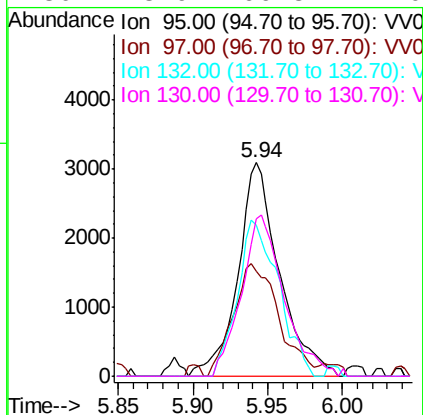
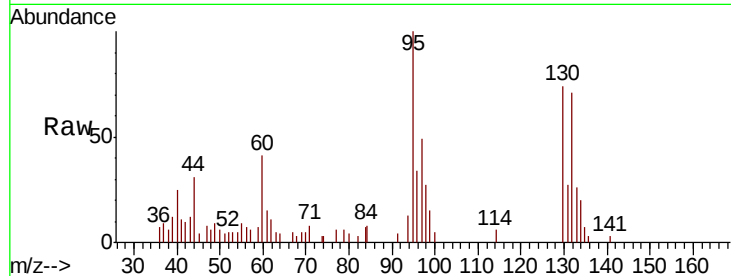




#34
 Trichloroethene
 Concen: 1.188 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV015209.D
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Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 5972
 Ion Ratio Lower Upper
 95 100
 97 49.1 44.8 83.2
 132 70.7 63.2 117.4
 130 73.9 66.8 124.0



#59
 1,2,3-Trichloropropane
 Concen: 5.988 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV015209.D
 Acq: 27 Mar 2020 13:24

Tgt Ion: 75 Resp: 39239
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.5 38.3

