

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015204.D
 Acq On : 27 Mar 2020 11:23
 Operator : SY/MD
 Sample : L1976-17RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:39:25 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	638624	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	610427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	258332	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151063	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.18%
7) Chloroethane-d5	1.58	69	146920	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.06%
11) 1,1-Dichloroethene-d2	2.12	63	232670	29.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.56%#
21) 2-Butanone-d5	3.94	46	212088	62.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.17%
24) Chloroform-d	4.38	84	288003	38.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.70%
26) 1,2-Dichloroethane-d4	5.06	65	195219	39.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.76%
32) Benzene-d6	5.08	84	549971	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.10	67	181163	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.00%
41) Toluene-d8	7.34	98	506576	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%
43) trans-1,3-Dichloropropene-	7.64	79	95250	38.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.22%
47) 2-Hexanone-d5	8.12	63	180298	68.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	271971	35.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	196885	40.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.64%

Target Compounds

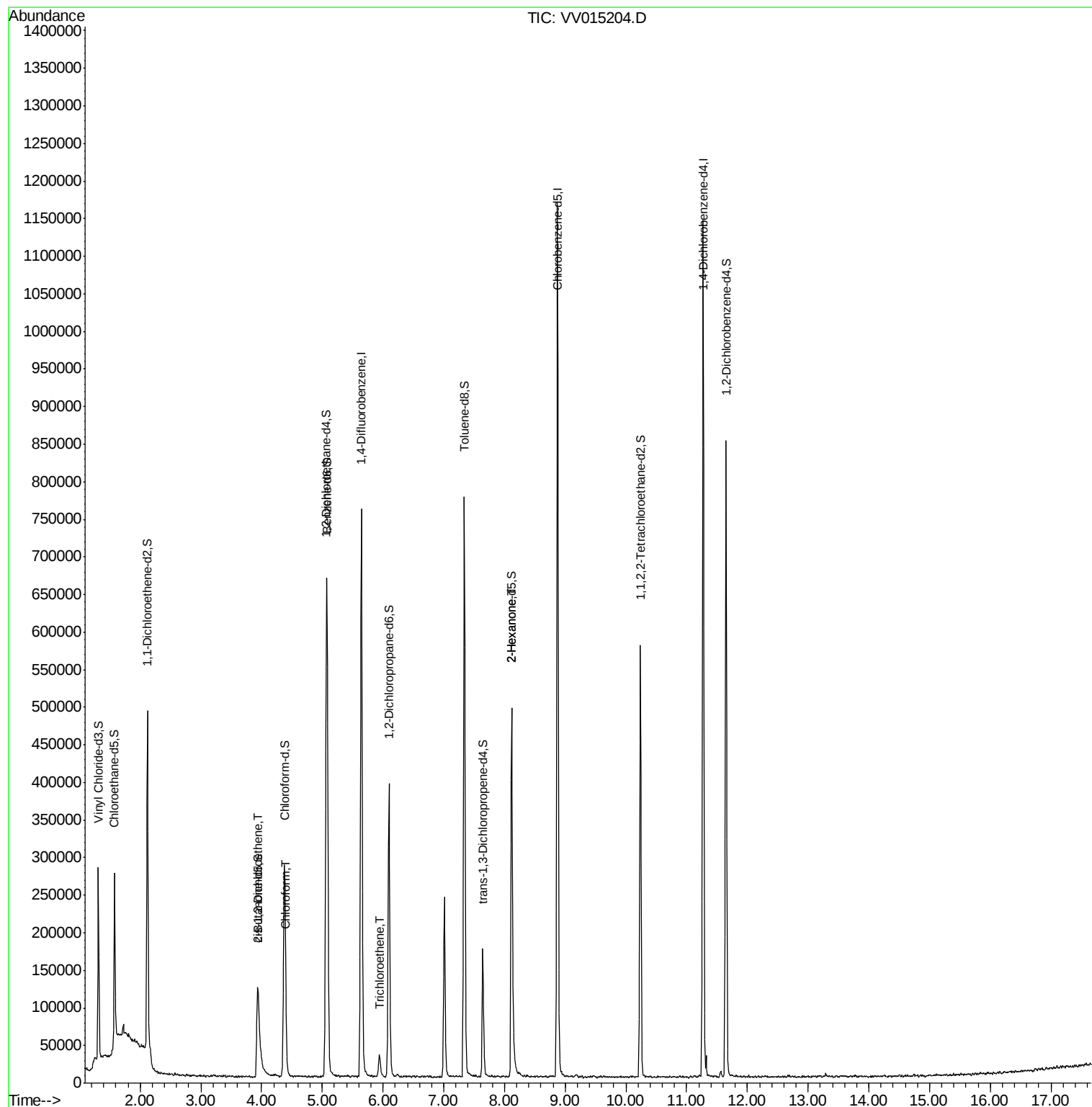
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	11671	2.341 ug/L #	88
25) Chloroform	4.41	83	7584	0.890 ug/L	93
34) Trichloroethene	5.94	95	10363	2.189 ug/L	90
48) 2-Hexanone	8.12	43	22237	4.019 ug/L #	79

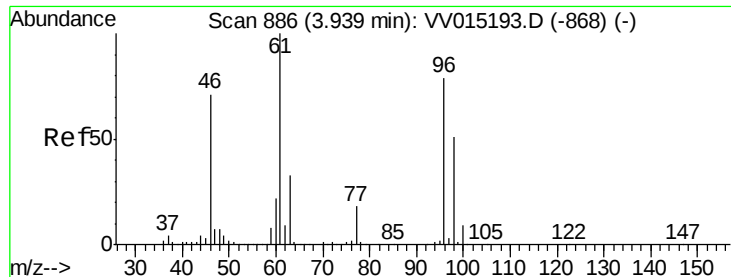
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032620\
Data File : VV015204.D
Acq On : 27 Mar 2020 11:23
Operator : SY/MD
Sample : L1976-17RE
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 28 01:39:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 01:31:46 2020
Response via : Initial Calibration

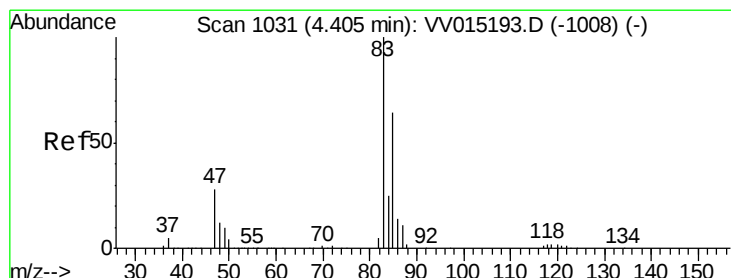
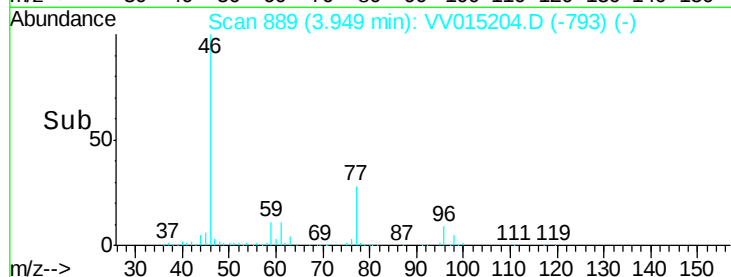
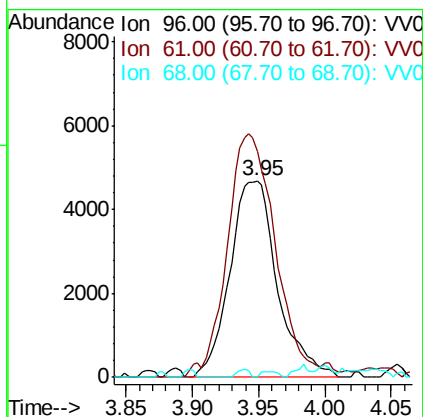
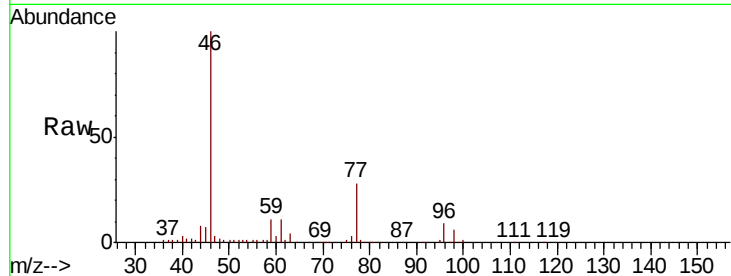




#20
 cis-1,2-Dichloroethene
 Concen: 2.341 ug/L
 RT: 3.95 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: VV015204.D
 Acq: 27 Mar 2020 11:23

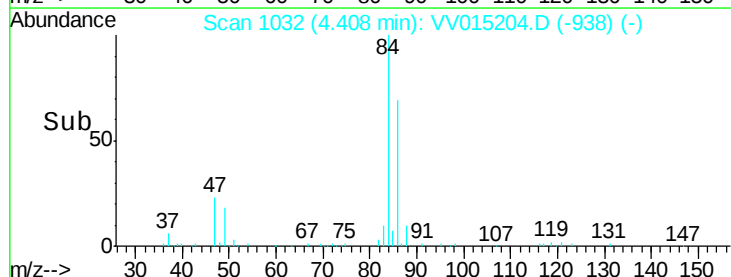
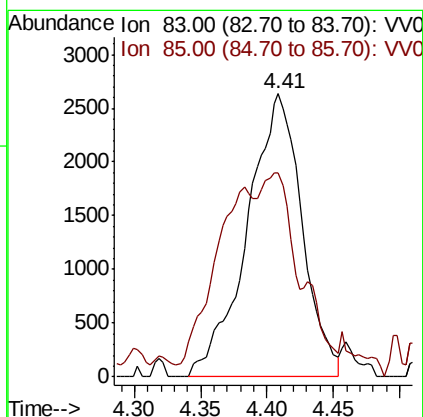
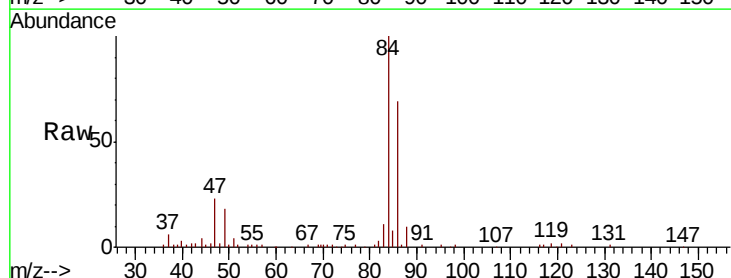
Instrument :
 MSVOA_V
 ClientSampleId :

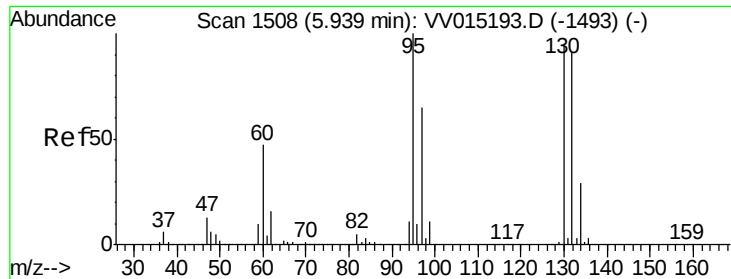
Tot Ion: 96 Resp: 11671
 Ion Ratio Lower Upper
 96 100
 61 114.8 90.2 167.4
 68 3.2 0.1 0.3#



#25
 Chloroform
 Concen: 0.890 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: VV015204.D
 Acq: 27 Mar 2020 11:23

Tgt Ion: 83 Resp: 7584
 Ion Ratio Lower Upper
 83 100
 85 71.9 46.2 85.8





#34

Trichloroethene

Concen: 2.189 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015204.D

Acq: 27 Mar 2020 11:23

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 10363

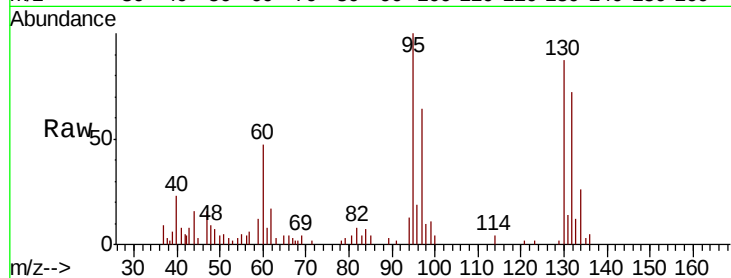
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 72.3 63.2 117.4

130 86.7 66.8 124.0



Abundance Ion 95.00 (94.70 to 95.70): VV015193.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV015193.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV015193.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV015193.D (-1493) (-)

Time-->

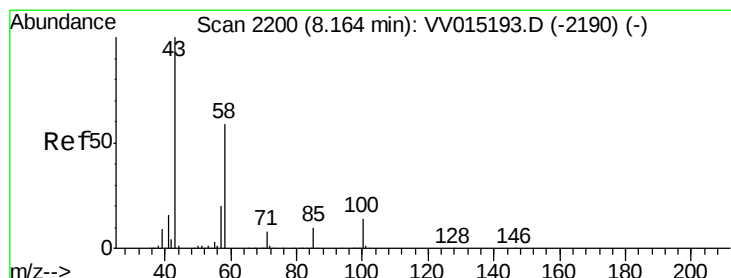
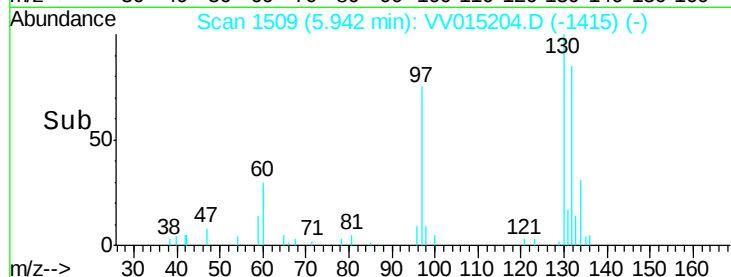
5.94

4000

2000

0

5.90 5.95 6.00



#48

2-Hexanone

Concen: 4.019 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015204.D

Acq: 27 Mar 2020 11:23

Tgt Ion: 43 Resp: 22237

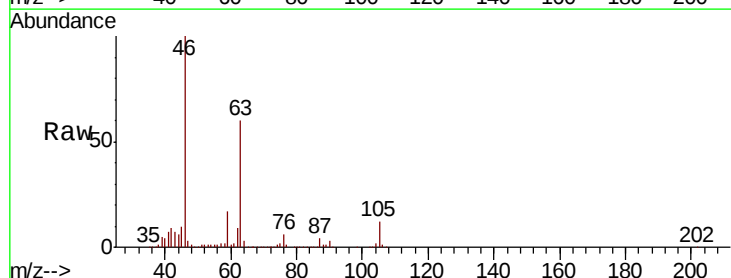
Ion Ratio Lower Upper

43 100

58 39.7 44.3 66.5#

57 23.6 15.4 23.0#

100 0.0 10.4 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VV015193.D (-2190) (-)

Ion 58.00 (57.70 to 58.70): VV015193.D (-2190) (-)

Ion 57.00 (56.70 to 57.70): VV015193.D (-2190) (-)

Ion 100.00 (99.70 to 100.70): VV015193.D (-2190) (-)

Time-->

8.12

15000

10000

5000

0

8.05 8.10 8.15

