

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015241.D
 Acq On : 28 Mar 2020 12:45
 Operator : SY/MD
 Sample : L1975-01 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	757485	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	713132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	313046	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	138386	45.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.06%		
7) Chloroethane-d5	1.95	69	228	0.07	ug/L	0.38
Spiked Amount 50.000	Range 70 - 130		Recovery =	0.14%#		
11) 1,1-Dichloroethene-d2	2.12	63	232658	30.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.54%		
21) 2-Butanone-d5	3.94	46	217932	59.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	59.86%		
24) Chloroform-d	4.38	84	293571	36.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.24%		
26) 1,2-Dichloroethane-d4	5.06	65	198691	38.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.06%		
32) Benzene-d6	5.07	84	561555	44.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.44%		
36) 1,2-Dichloropropane-d6	6.09	67	187870	39.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.90%		
41) Toluene-d8	7.34	98	514971	46.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.08%		
43) trans-1,3-Dichloropropene-	7.64	79	92957	36.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.98%		
47) 2-Hexanone-d5	8.12	63	173789	64.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	64.02%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	277985	33.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	67.12%		
64) 1,2-Dichlorobenzene-d4	11.65	152	198757	37.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.44%#		

Target Compounds

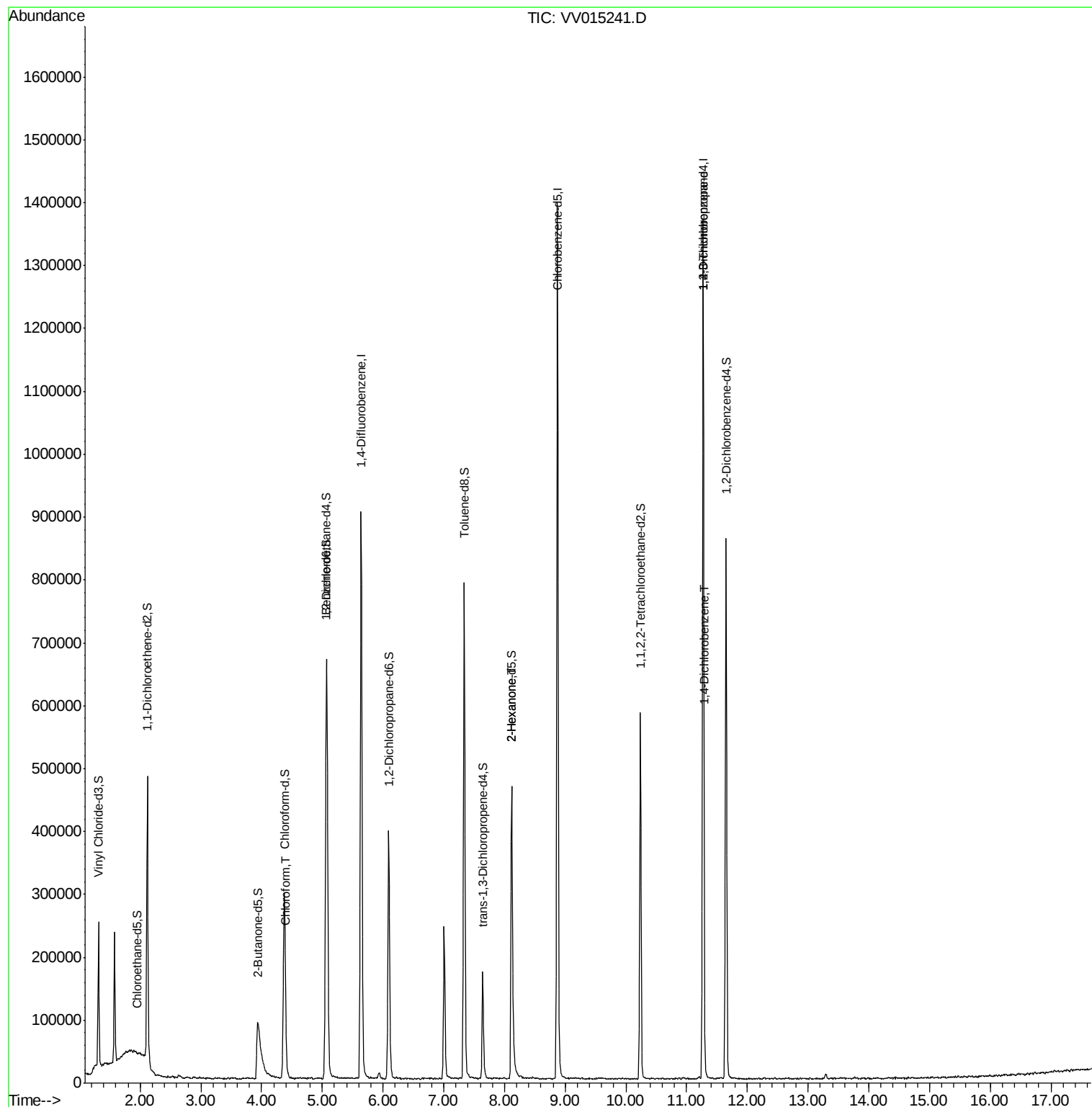
					Ovalue
25) Chloroform	4.40	83	9505	0.978 ug/L	100
48) 2-Hexanone	8.12	43	23603	4.187 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	46791	6.892 ug/L	92
63) 1,4-Dichlorobenzene	11.30	146	5888	0.601 ug/L #	75

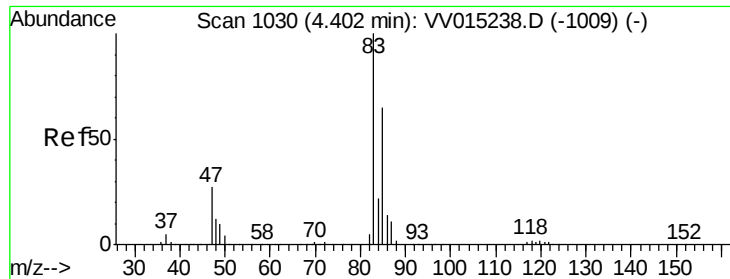
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 30 02:13:00 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.978 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015241.D

Acq: 28 Mar 2020 12:45

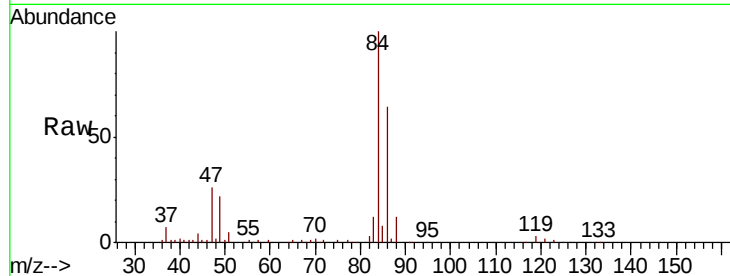
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9505

Ion Ratio Lower Upper

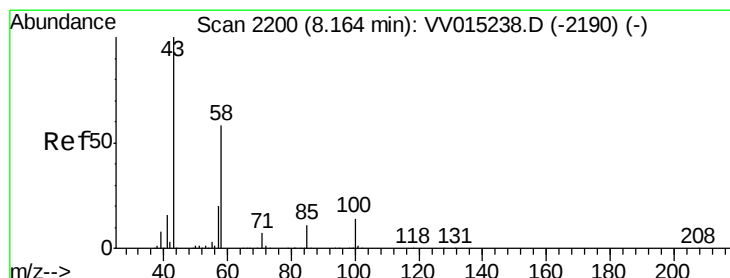
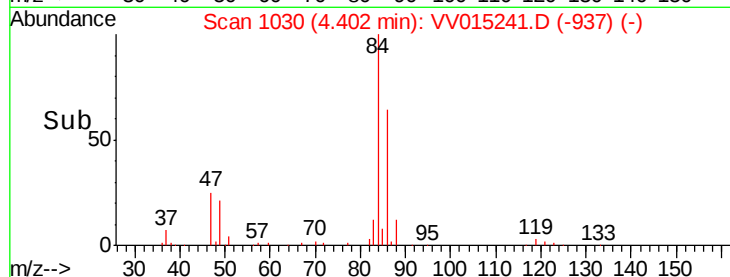
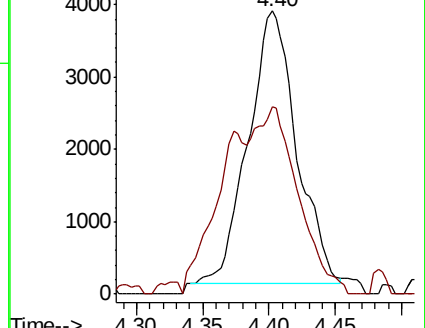
83 100

85 66.1 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV015241.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV015241.D (-937) (-)



#48

2-Hexanone

Concen: 4.187 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015241.D

Acq: 28 Mar 2020 12:45

Tgt Ion: 43 Resp: 23603

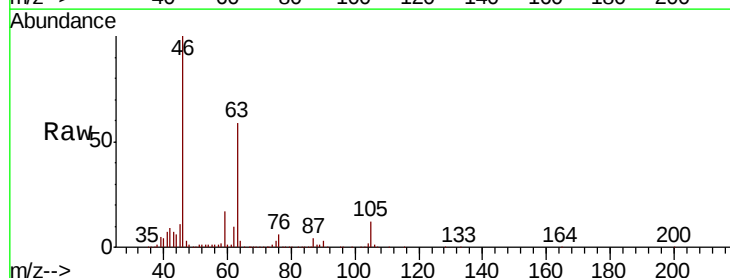
Ion Ratio Lower Upper

43 100

58 40.0 45.5 68.3#

57 22.0 15.8 23.6

100 0.4 10.9 16.3#

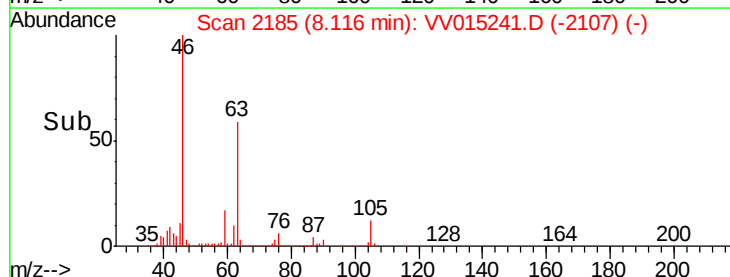
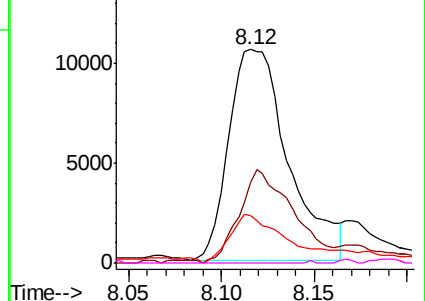


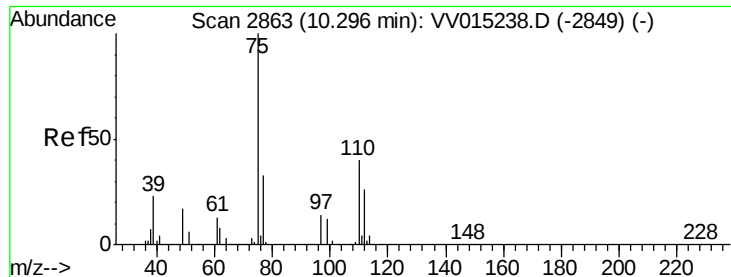
Abundance Ion 43.00 (42.70 to 43.70): VV015241.D (-2107) (-)

Ion 58.00 (57.70 to 58.70): VV015241.D (-2107) (-)

Ion 57.00 (56.70 to 57.70): VV015241.D (-2107) (-)

Ion 100.00 (99.70 to 100.70): VV015241.D (-2107) (-)





#59

1,2,3-Trichloropropane

Concen: 6.892 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015241.D

Acq: 28 Mar 2020 12:45

Instrument :

MSVOA_V

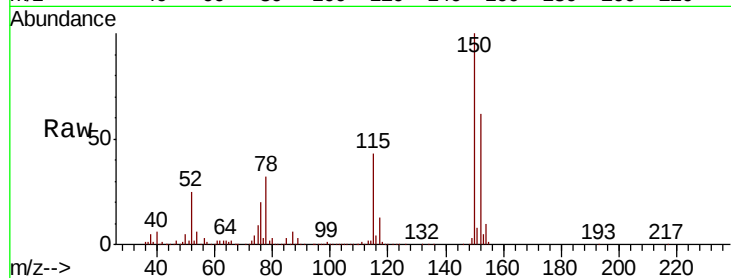
ClientSampleId :

Tot Ion: 75 Resp: 46791

Ion Ratio Lower Upper

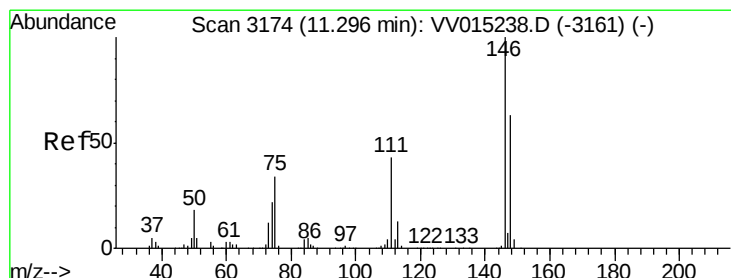
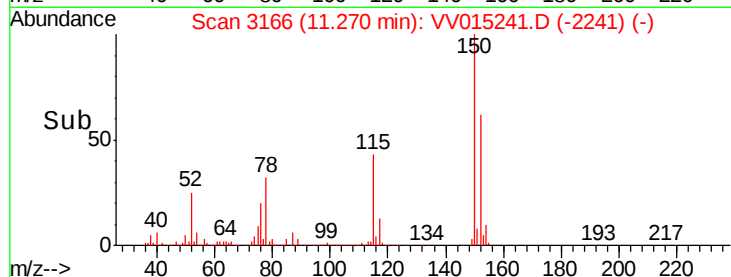
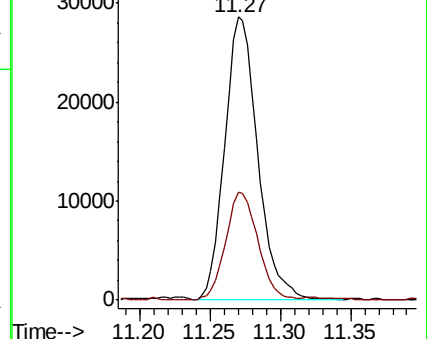
75 100

77 37.3 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#63

1,4-Dichlorobenzene

Concen: 0.601 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015241.D

Acq: 28 Mar 2020 12:45

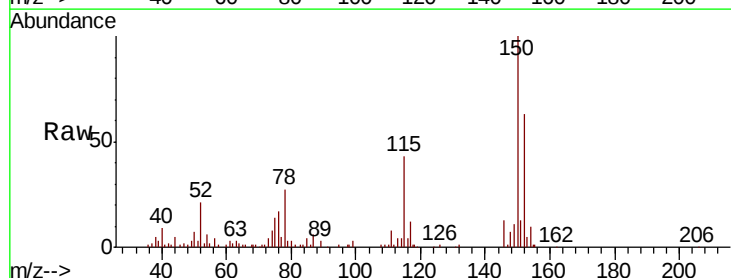
Tgt Ion: 146 Resp: 5888

Ion Ratio Lower Upper

146 100

111 75.3 29.4 54.6#

148 58.0 43.6 81.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

