

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016270.D
 Acq On : 20 Aug 2020 16:46
 Operator : SY/VA
 Sample : L3767-06RE
 Misc : 6.39G/11ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:31:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	315622	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301815	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58543	14.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.84%
7) Chloroethane-d5	2.89	69	49603	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
10) 1,1-Dichloroethene-d2	4.01	63	101838	12.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.00%
20) 2-Butanone-d5	7.08	46	43490	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
24) Chloroform-d	7.65	84	170344	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	8.30	65	91322	20.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.20%
29) Benzene-d6	8.27	84	315084	19.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.76%
33) 1,2-Dichloropropane-d6	9.27	67	97470	20.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.76%
37) Toluene-d8	10.32	98	280082	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.40%
38) trans-1,3-Dichloropropene-	10.58	79	41933	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	10.93	63	38203	45.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92016	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	100145	24.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.48%

Target Compounds

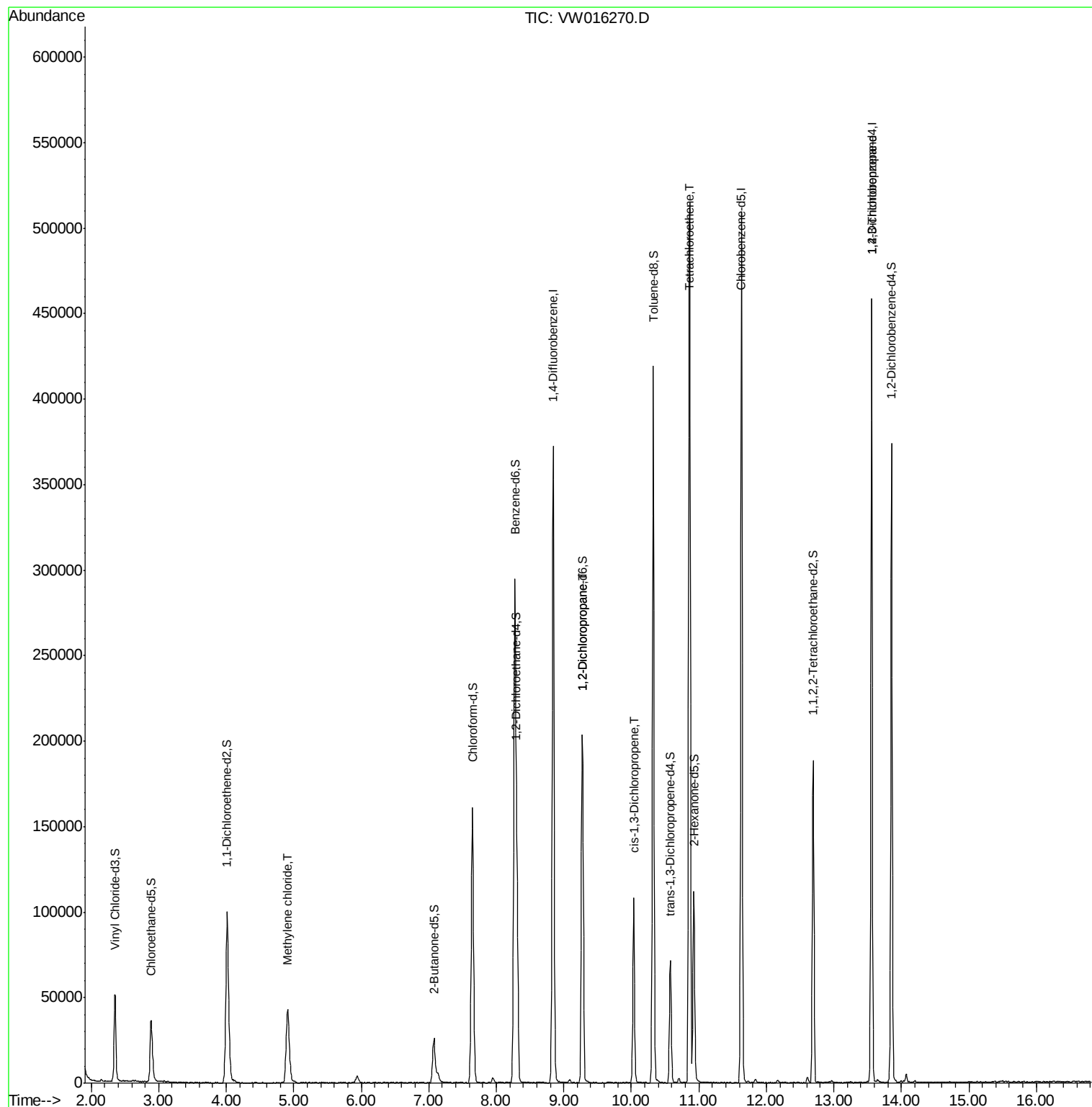
					Ovalue
16) Methylene chloride	4.92	84	37655	7.556 ug/L	91
40) 1,2-Dichloropropane	9.27	63	10666	2.495 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2808	0.431 ug/L	83
47) Tetrachloroethene	10.87	164	123308	35.146 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	14498	4.875 ug/L	96

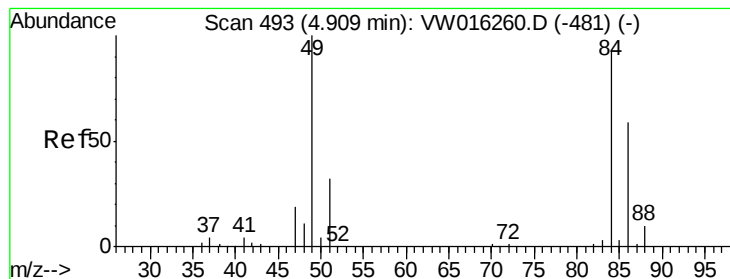
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 03:27:50 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 7.556 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW016270.D

Acq: 20 Aug 2020 16:46

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MSVOA_W

ClientSampleId :

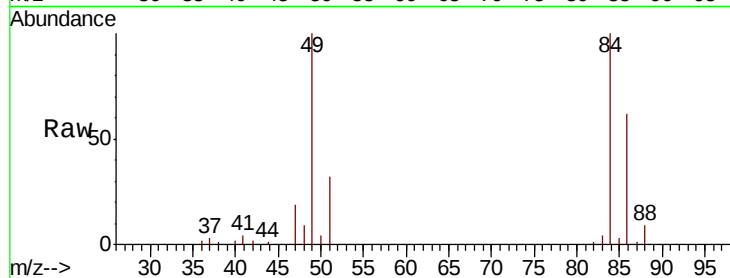
Tot Ion: 84 Resp: 37655

Ion Ratio Lower Upper

84 100

49 99.6 80.4 149.4

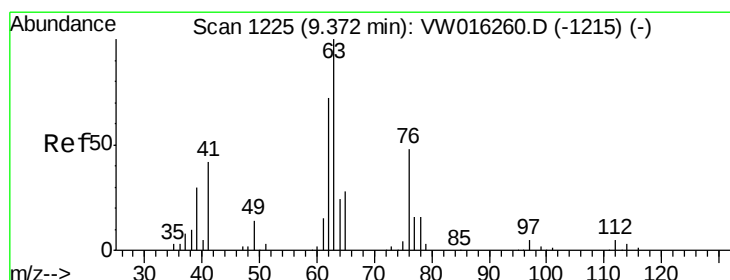
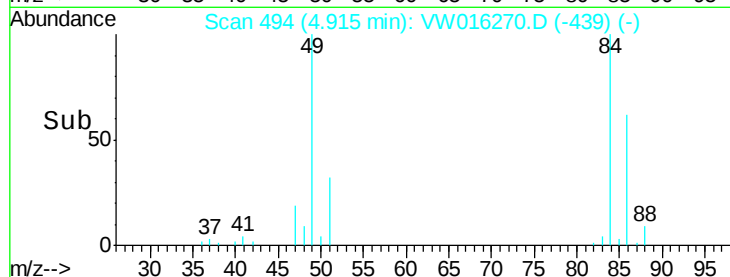
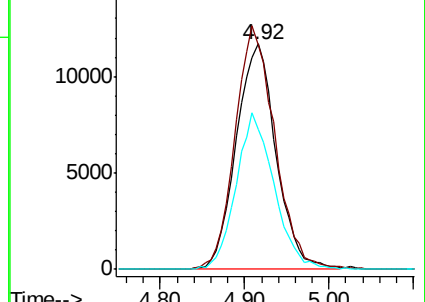
86 61.9 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#40

1,2-Dichloropropane

Concen: 2.495 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016270.D

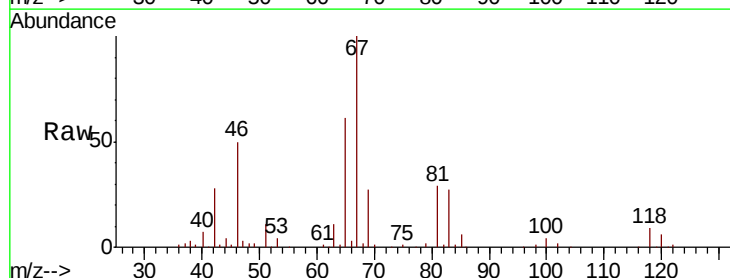
Acq: 20 Aug 2020 16:46

Tgt Ion: 63 Resp: 10666

Ion Ratio Lower Upper

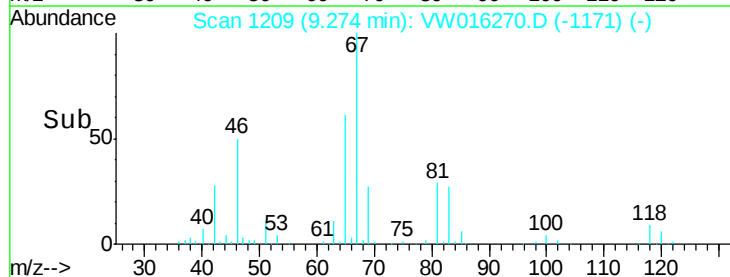
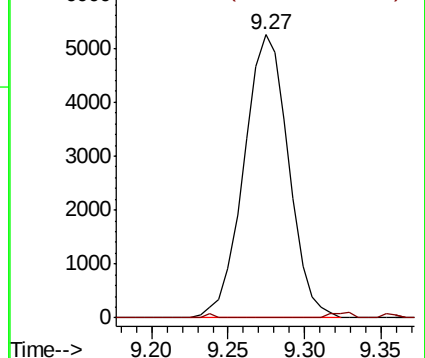
63 100

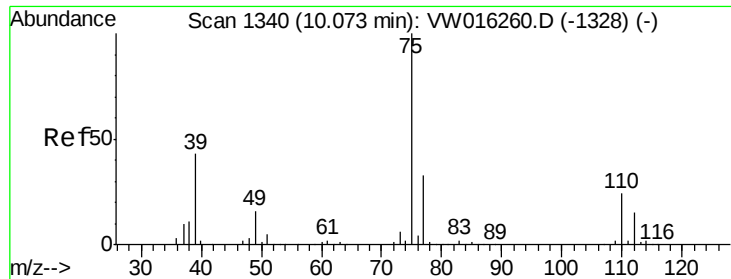
112 1.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

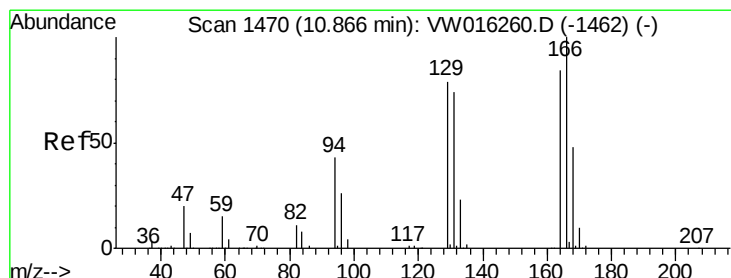
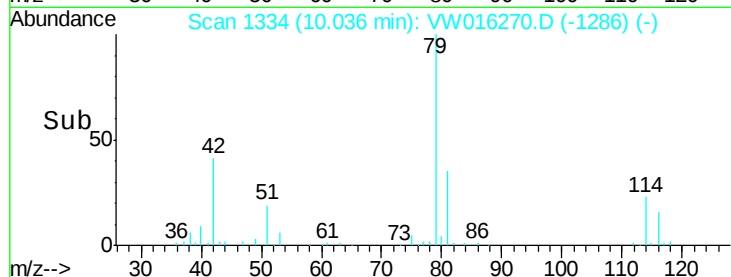
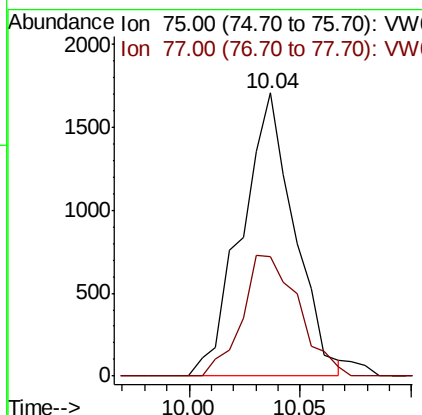
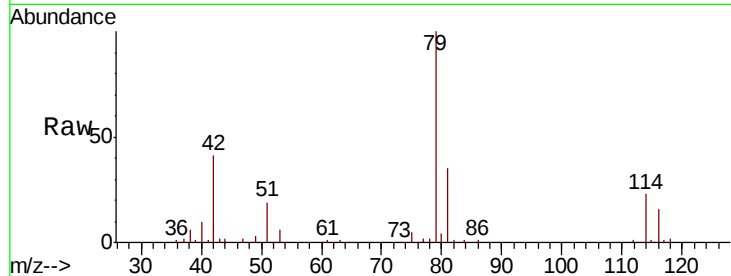




#42
 cis-1,3-Dichloropropene
 Concen: 0.431 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016270.D
 Acq: 20 Aug 2020 16:46

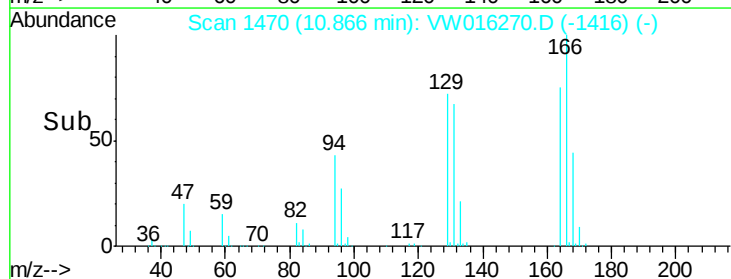
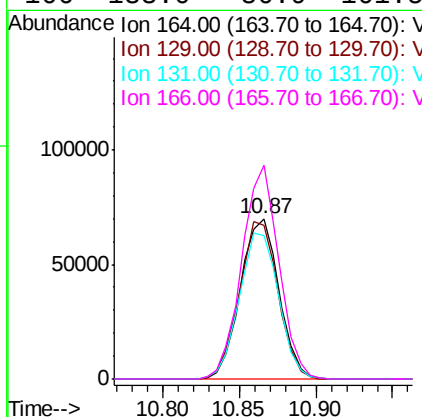
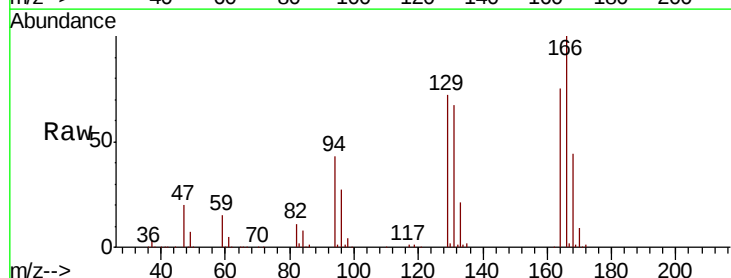
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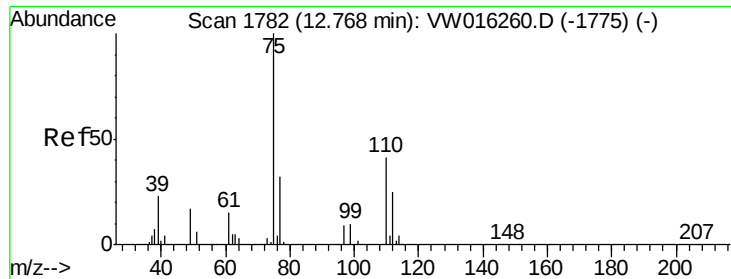
Tot Ion: 75 Resp: 2808
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.9 42.5



#47
 Tetrachloroethene
 Concen: 35.146 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016270.D
 Acq: 20 Aug 2020 16:46

Tgt Ion: 164 Resp: 123308
 Ion Ratio Lower Upper
 164 100
 129 95.9 71.5 132.9
 131 89.7 65.4 121.4
 166 133.0 86.9 161.5





#59

1,2,3-Trichloropropane

Concen: 4.875 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016270.D

Acq: 20 Aug 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 14498

Ion Ratio Lower Upper

75 100

77 34.7 25.9 38.9

