

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016209.D
 Acq On : 17 Aug 2020 11:40
 Operator : SY/VA
 Sample : L3702-02
 Misc : 6.90G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK5

Quant Time: Aug 18 03:22:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	450058	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104533	18.73	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
7) Chloroethane-d5	2.90	69	85499	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.01	63	180156	15.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.80%
20) 2-Butanone-d5	7.08	46	47191	32.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.28%
24) Chloroform-d	7.65	84	247962	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	117654	18.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.36%
29) Benzene-d6	8.27	84	497411	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.27	67	141331	21.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.96%
37) Toluene-d8	10.32	98	448325	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	56729	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.68%
39) 2-Hexanone-d5	10.93	63	39408	35.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102526	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	149646	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

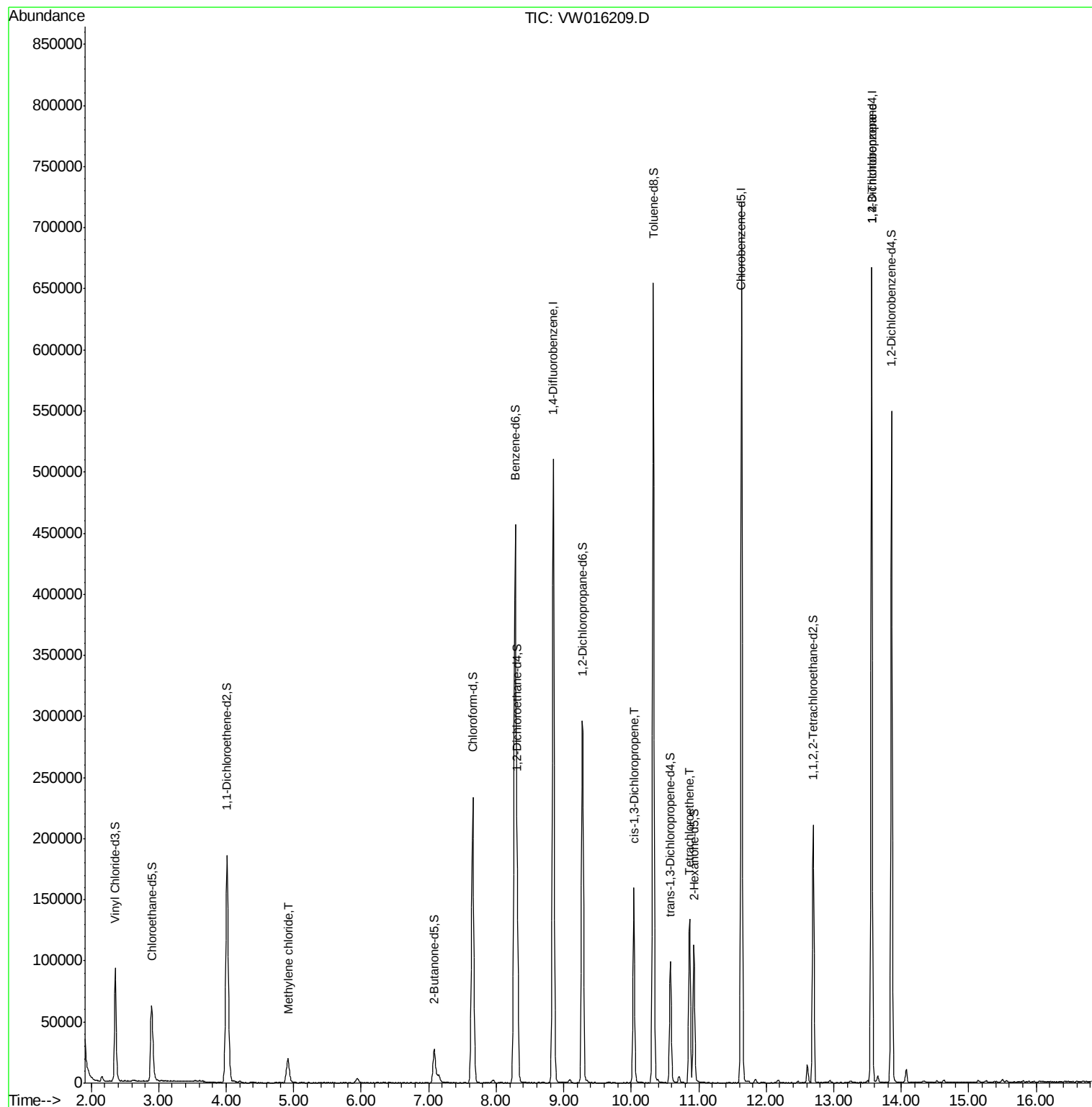
					Ovalue
16) Methylene chloride	4.92	84	16169	2.275 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	3891	0.444 ug/L	98
47) Tetrachloroethene	10.87	164	29968	6.344 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	20400	5.095 ug/L	92

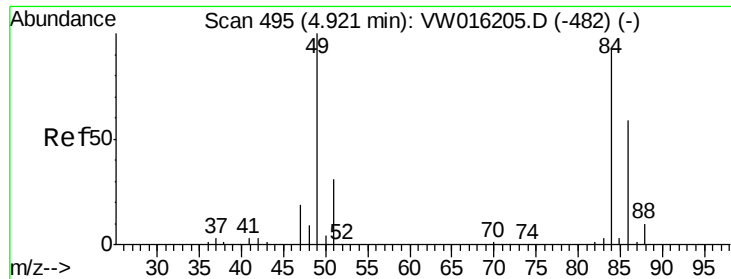
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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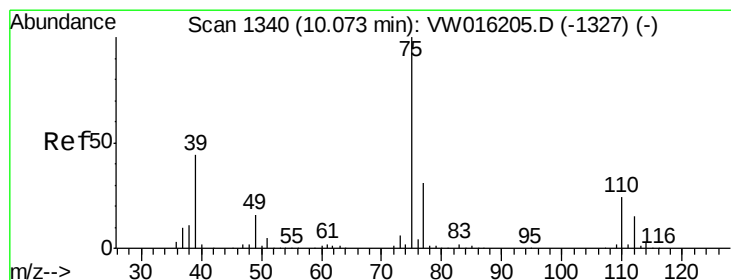
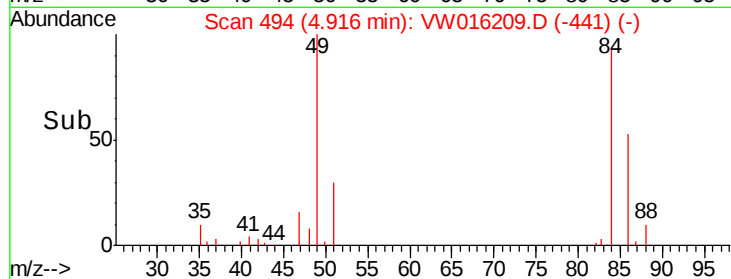
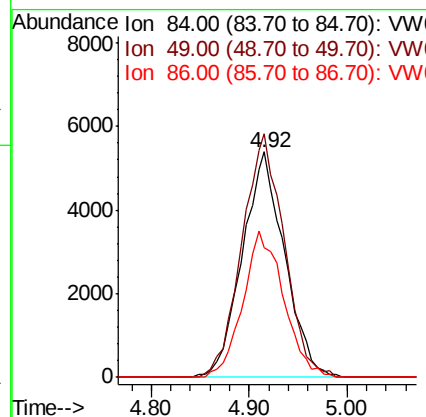
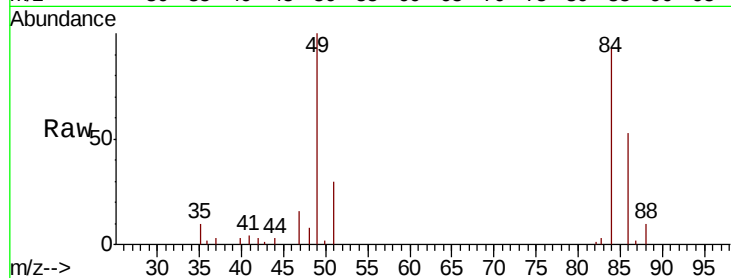




#16
Methvlene chloride
Concen: 2.275 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016209.D
Acq: 17 Aug 2020 11:40

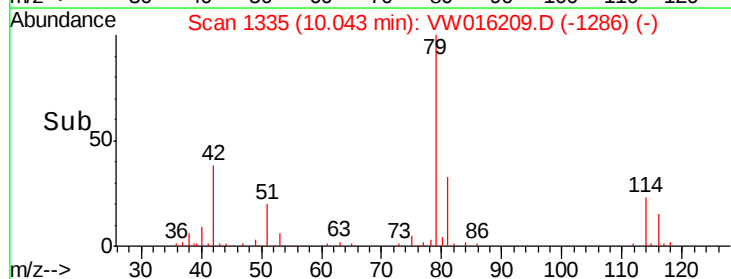
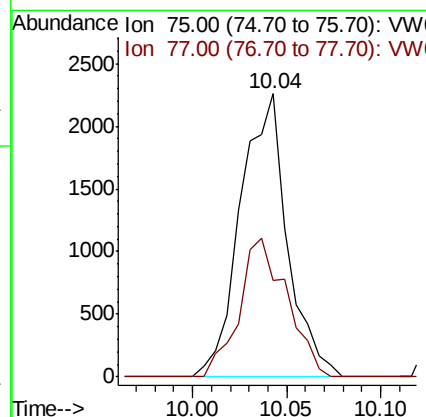
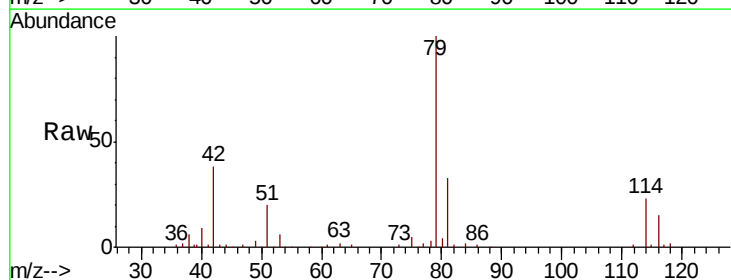
Instrument :
MSVOA_W
ClientSampleId :
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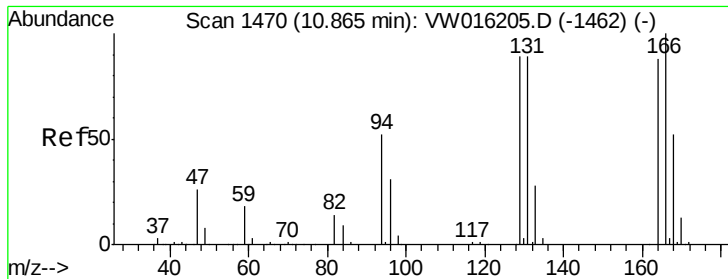
Tot Ion: 84 Resp: 16169
Ion Ratio Lower Upper
84 100
49 108.1 80.4 149.4
86 57.7 43.8 81.3



#42
cis-1,3-Dichloropropene
Concen: 0.444 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016209.D
Acq: 17 Aug 2020 11:40

Tgt Ion: 75 Resp: 3891
Ion Ratio Lower Upper
75 100
77 33.9 22.9 42.5

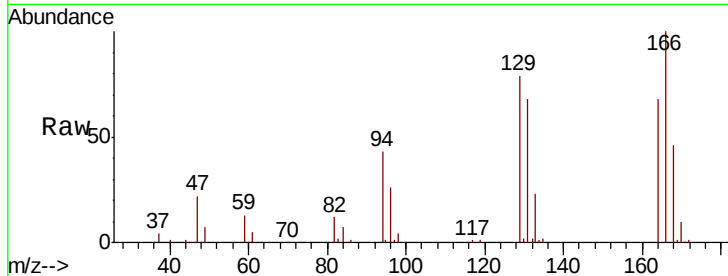




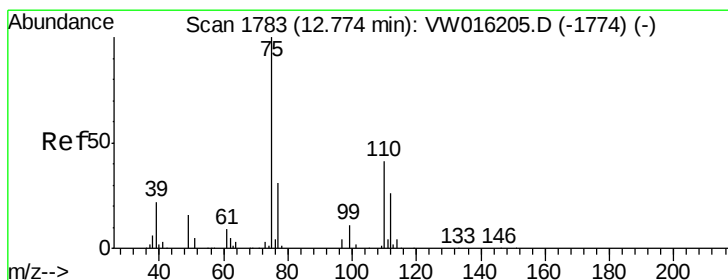
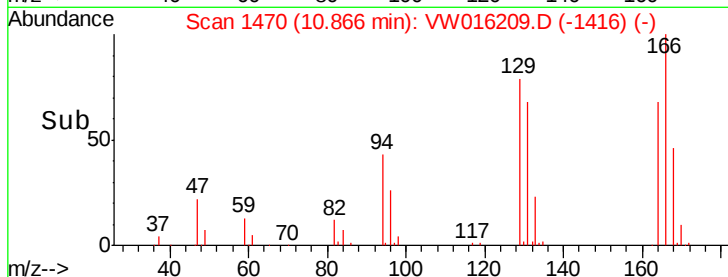
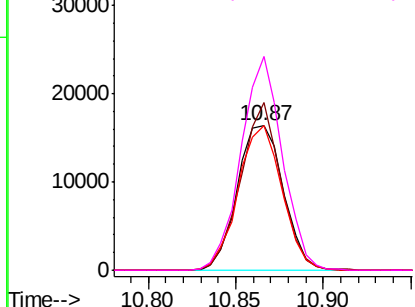
#47
Tetrachloroethene
Concen: 6.344 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016209.D
Acq: 17 Aug 2020 11:40

Instrument :
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ClientSampleId :
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Tot Ion:164 Resp: 29968
Ion Ratio Lower Upper
164 100
129 116.5 71.5 132.9
131 100.1 65.4 121.4
166 148.1 86.9 161.5

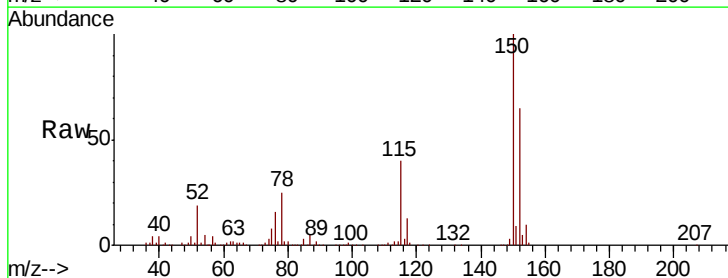


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 5.095 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016209.D
Acq: 17 Aug 2020 11:40

Tgt Ion: 75 Resp: 20400
Ion Ratio Lower Upper
75 100
77 36.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

