

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016087.D
 Acq On : 07 Aug 2020 22:08
 Operator : SY/VA
 Sample : L3564-19
 Misc : 7.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM1

Manual Integrations
 APPROVED

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 8/10/2020 9:39:21 AM

Quant Time: Aug 08 05:50:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	341173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305079	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64827	13.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.88%
7) Chloroethane-d5	2.89	69	57374	14.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.68%
10) 1,1-Dichloroethene-d2	4.01	63	115467	11.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.44%
20) 2-Butanone-d5	7.09	46	46177m	36.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.04%
24) Chloroform-d	7.65	84	183835	19.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.76%
26) 1,2-Dichloroethane-d4	8.30	65	94905	18.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.16%
29) Benzene-d6	8.27	84	358125	19.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.16%
33) 1,2-Dichloropropane-d6	9.27	67	110849	19.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.64%
37) Toluene-d8	10.33	98	316123	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.16%
38) trans-1,3-Dichloropropene-	10.58	79	41042	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.20%
39) 2-Hexanone-d5	10.93	63	38000	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91648	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	114271	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	25779	4.611 ug/L	90
44) Toluene	10.39	91	11983	0.617 ug/L	93
47) Tetrachloroethene	10.87	164	185934	48.870 ug/L	94

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

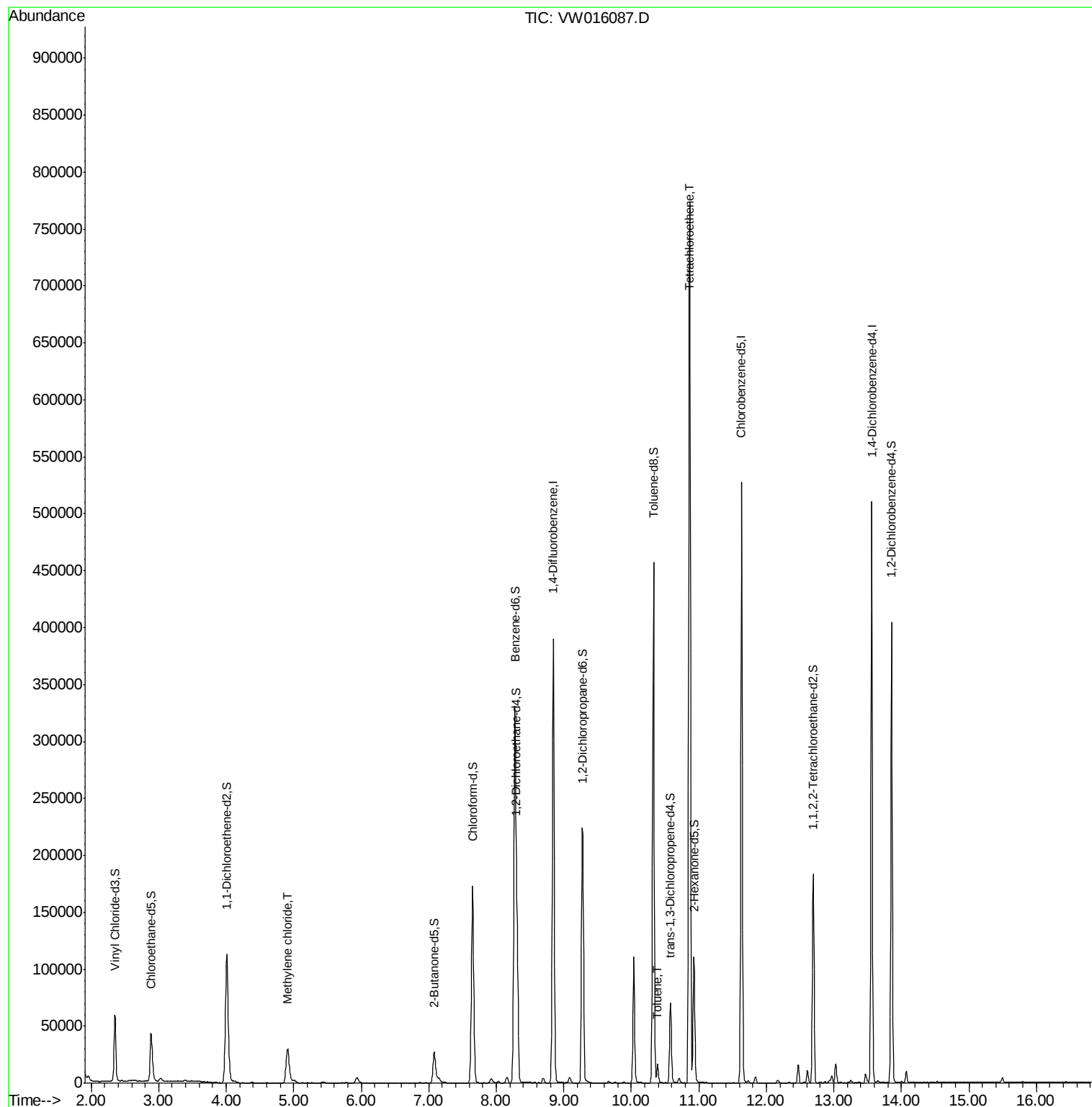
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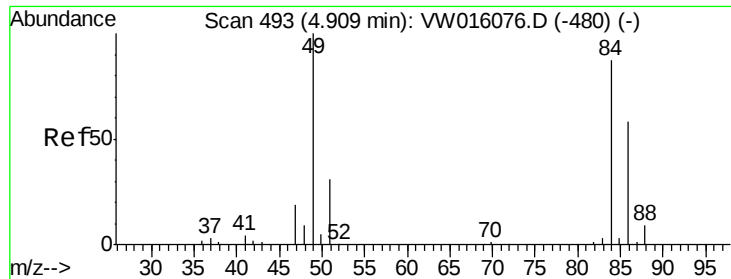
Instrument :
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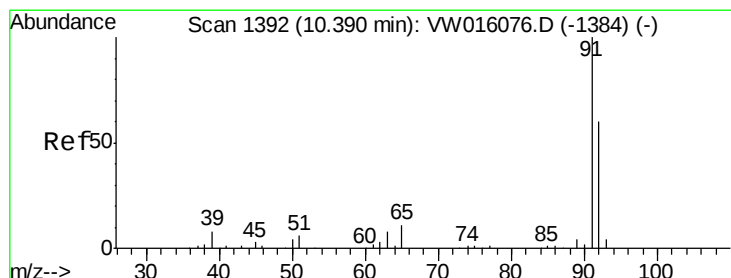
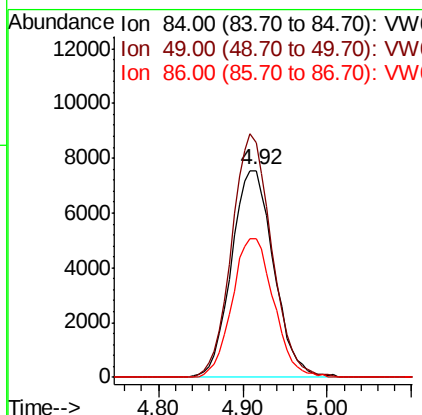
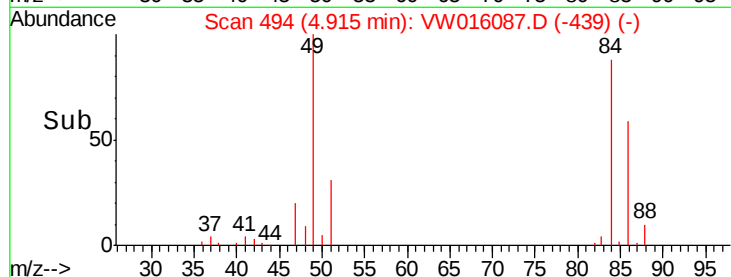
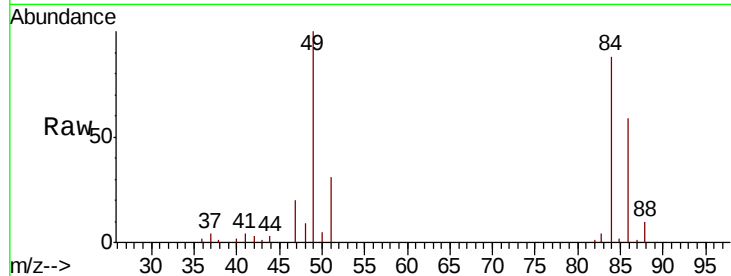
#16
Methvlene chloride
Concen: 4.611 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016087.D
Acq: 07 Aug 2020 22:08

Instrument :
MSVOA_W
ClientSampleId :
BFSM1

Tot Ion	Ratio	Lower	Upper
84	100		
49	113.8	91.1	169.1
86	67.4	46.0	85.4

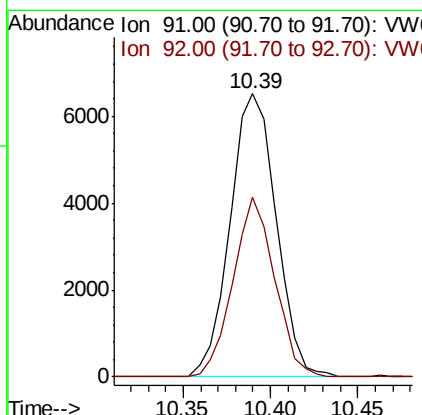
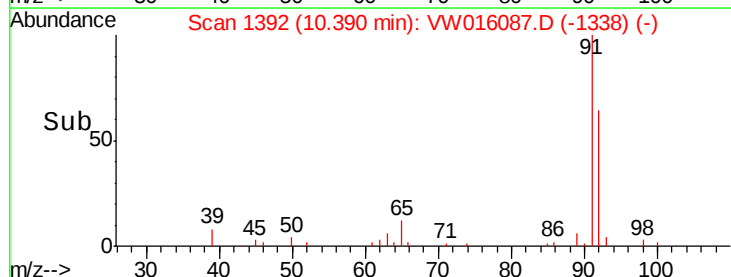
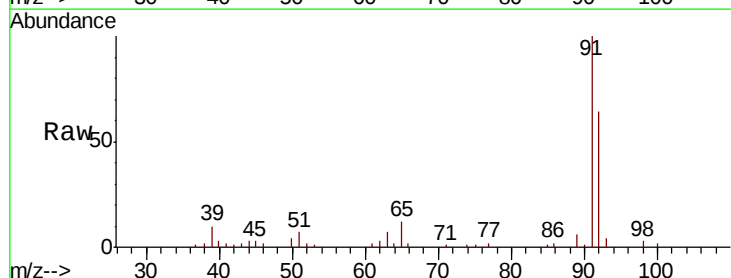
Manual Integrations
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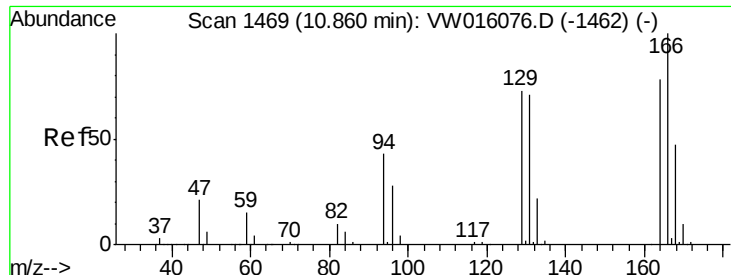
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#44
Toluene
Concen: 0.617 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016087.D
Acq: 07 Aug 2020 22:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.7	41.2	76.4





#47
Tetrachloroethene
Concen: 48.870 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016087.D
Acq: 07 Aug 2020 22:08

Instrument :
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ClientSampleId :
BFSM1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	98.1	70.0	130.0	
131	94.7	67.3	124.9	
166	142.0	88.5	164.3	

Manual Integrations
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