

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016931.D
 Acq On : 16 Oct 2020 16:27
 Operator : SY/VA
 Sample : L4426-13
 Misc : 5.46G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y8

Manual Integrations
 APPROVED

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 10/19/2020 11:53:06 AM

Quant Time: Oct 17 02:03:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	32696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	27098	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	6874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8275	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.64%
7) Chloroethane-d5	2.89	69	7511	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
10) 1,1-Dichloroethene-d2	4.03	63	12153	17.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.96%
20) 2-Butanone-d5	7.10	46	3473m	47.54	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.08%
24) Chloroform-d	7.65	84	18069	26.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	8.31	65	9176	27.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.16%
29) Benzene-d6	8.28	84	36109	29.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.36%
33) 1,2-Dichloropropane-d6	9.28	67	10194	30.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.28%#
37) Toluene-d8	10.33	98	31091	26.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.08%
38) trans-1,3-Dichloropropene-	10.59	79	3210	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.93	63	2379m	46.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	7139	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	7034	32.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.04%#

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	934m	2.070	ug/L
34) Benzene	8.32	78	1497m	1.029	ug/L
35) Trichloroethene	9.09	95	20176	49.016	ug/L 98
47) Tetrachloroethene	10.87	164	366675	960.849	ug/L 98

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

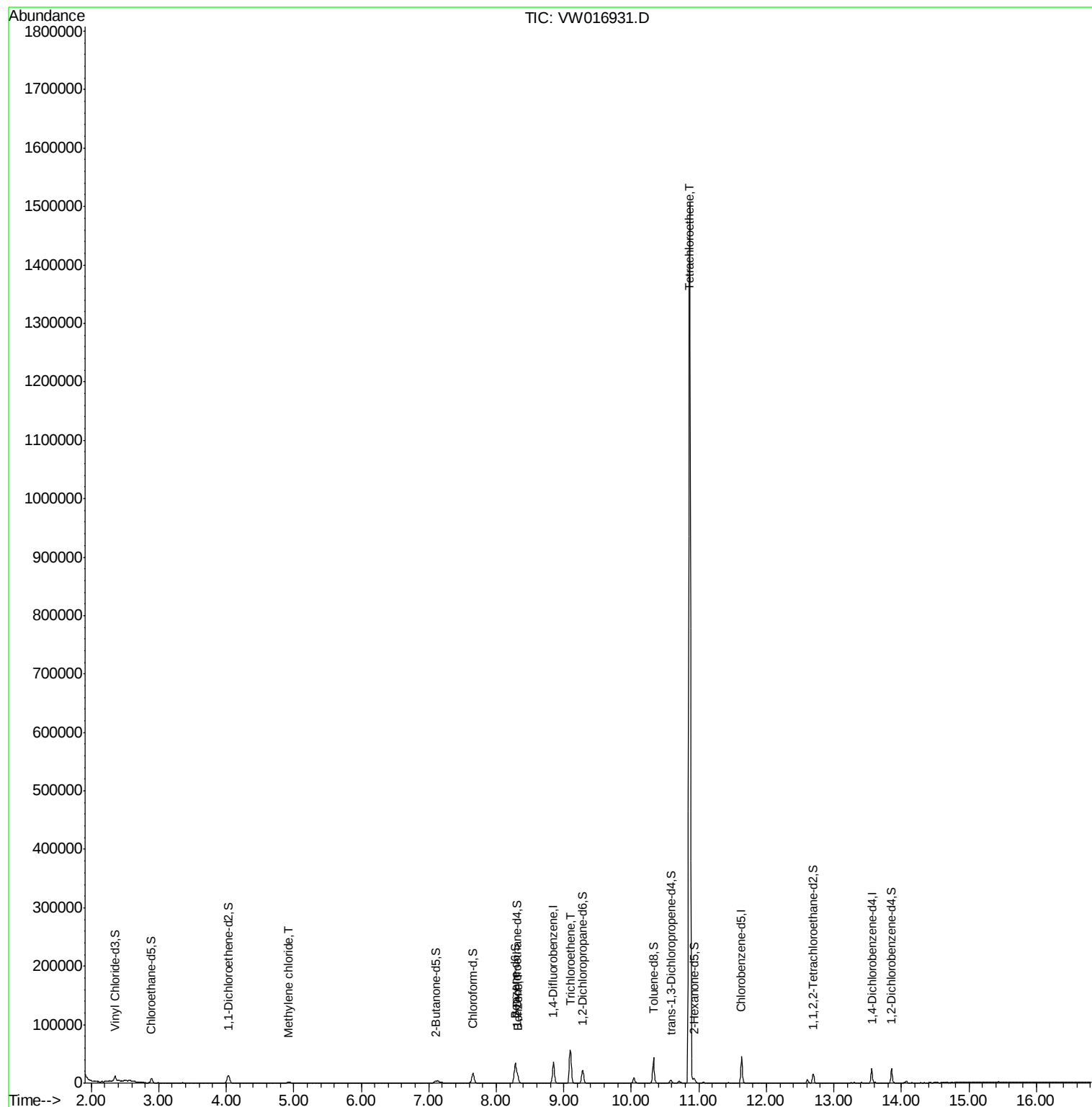
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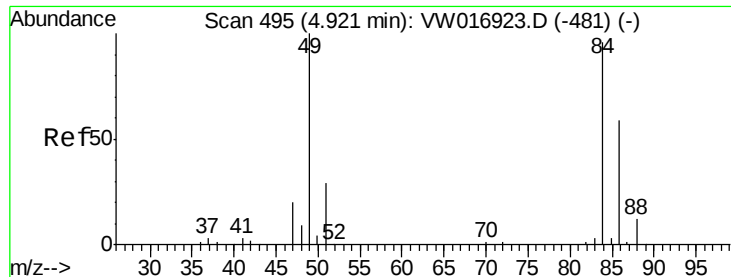
Instrument :
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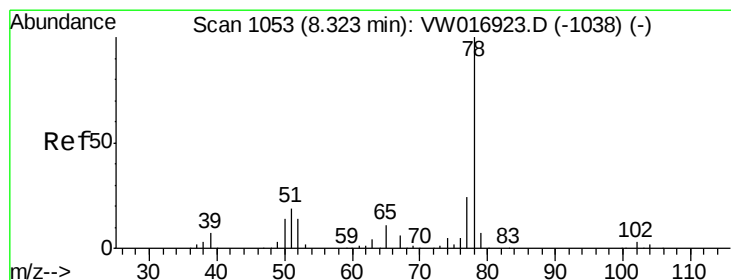
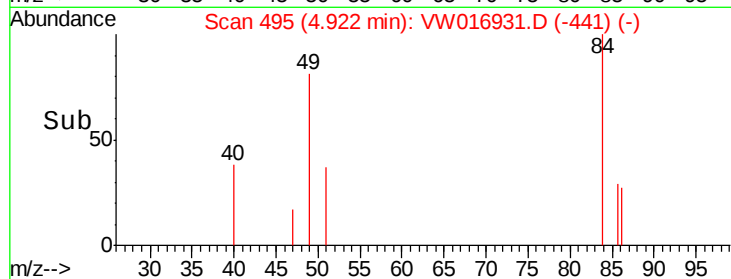
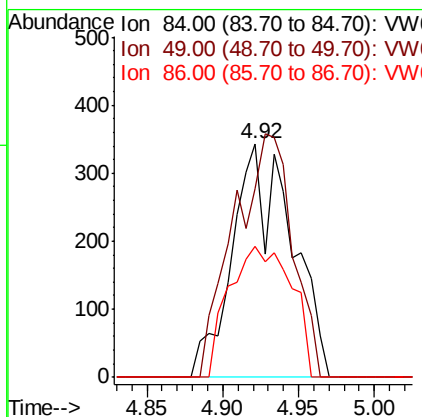
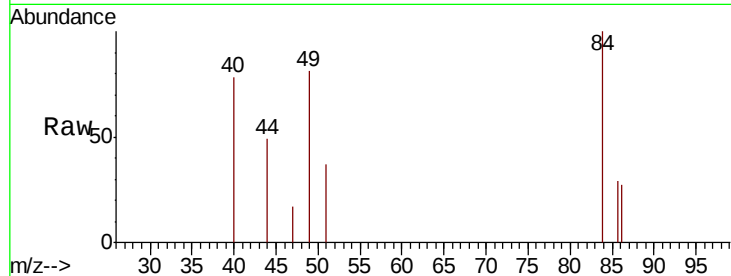
#16
Methvlene chloride
Concen: 2.070 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016931.D
Acq: 16 Oct 2020 16:27

Instrument :
MSVOA_W
ClientSampleId :
BG3Y8

Tot Ion	Ratio	Lower	Upper
84	100		
49	80.8	73.1	135.8
86	29.4	46.0	85.4#

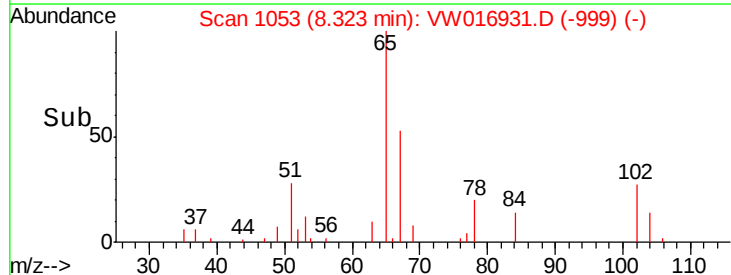
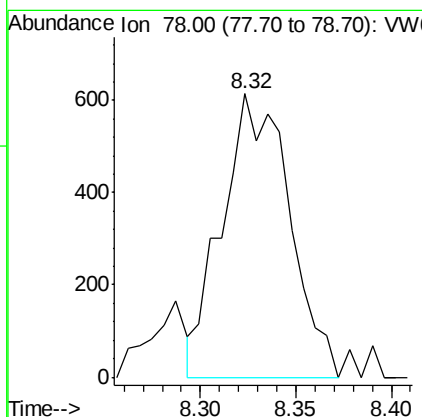
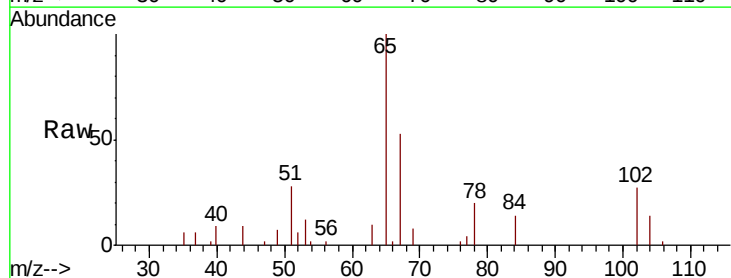
Manual Integrations
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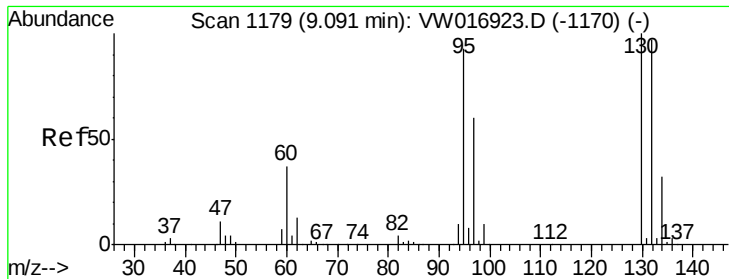
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#34
Benzene
Concen: 1.029 ug/L m
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016931.D
Acq: 16 Oct 2020 16:27

Tgt Ion: 78 Resp: 1497





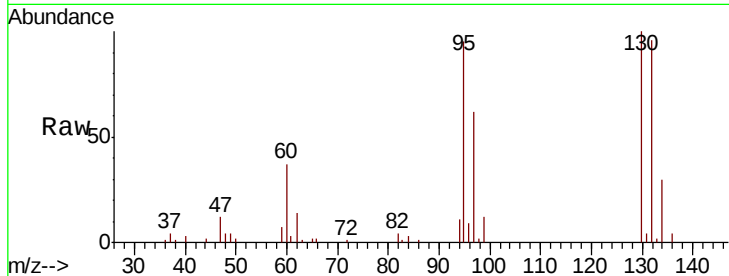
#35
 Trichloroethene
 Concen: 49.016 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016931.D
 Acq: 16 Oct 2020 16:27

Instrument :
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Tot Ion	95	Resp	20176
Ion	Ratio	Lower	Upper
95	100		
97	67.0	44.7	83.1
132	109.2	73.8	137.2
130	110.5	77.1	143.3

Manual Integrations
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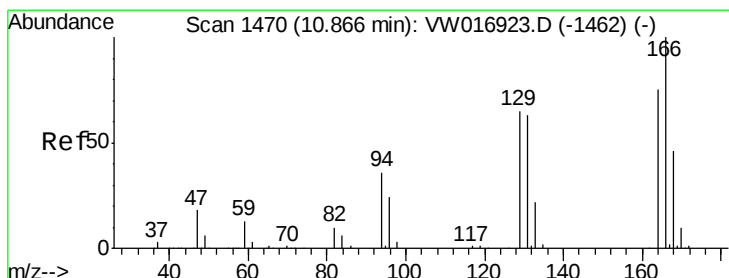
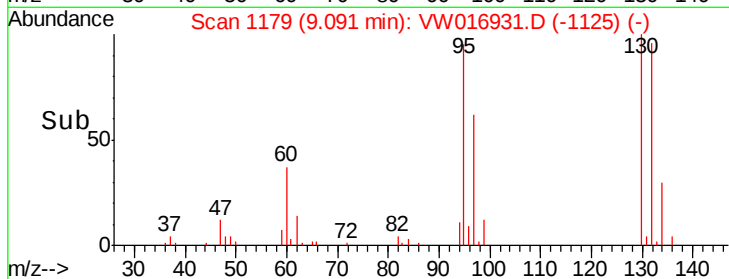
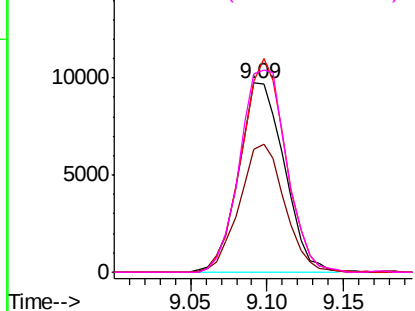
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47
 Tetrachloroethene
 Concen: 960.849 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016931.D
 Acq: 16 Oct 2020 16:27

Tgt Ion	164	Resp	366675
Ion	Ratio	Lower	Upper
164	100		
129	90.1	61.7	114.7
131	84.1	59.7	110.9
166	129.6	88.3	164.1

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

