

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016390.D
 Acq On : 27 Aug 2020 15:02
 Operator : SY/VA
 Sample : L3800-05
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H5

Quant Time: Aug 28 08:11:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	281095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96316	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47835	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	2.89	69	42085	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	4.01	63	98765	13.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.40%
20) 2-Butanone-d5	7.08	46	37369	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
24) Chloroform-d	7.65	84	161758	22.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	8.31	65	86055	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	8.27	84	302293	22.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.24%
33) 1,2-Dichloropropane-d6	9.27	67	88968	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	272615	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	38295	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	32446	55.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72972	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	81743	22.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.52%

Target Compounds

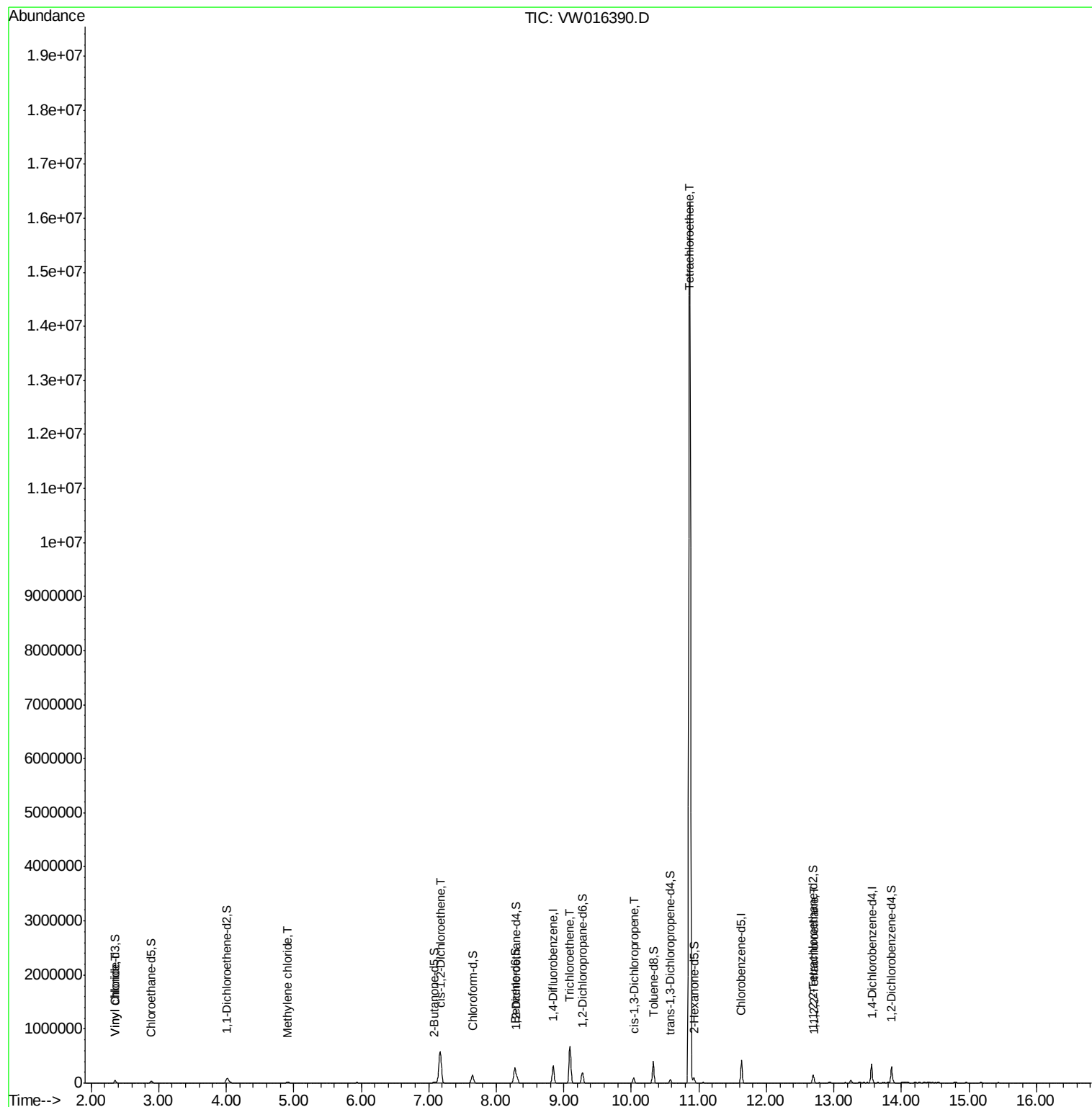
					Ovalue
5) Vinyl chloride	2.36	62	11081	3.374	ug/L 88
16) Methylene chloride	4.91	84	10818	2.082	ug/L 97
22) cis-1,2-Dichloroethene	7.16	96	367213	89.073	ug/L 98
35) Trichloroethene	9.09	95	238659	61.912	ug/L 98
42) cis-1,3-Dichloropropene	10.04	75	2720	0.519	ug/L # 58
47) Tetrachloroethene	10.87	164	3807850	1252.669	ug/L 94
58) 1,1,2,2-Tetrachloroethane	12.71	83	4618	1.498	ug/L # 94

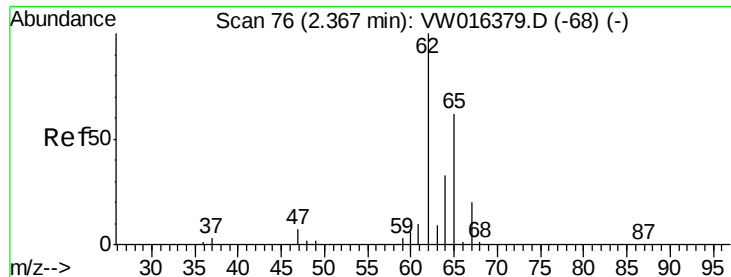
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
Data File : VW016390.D
Acq On : 27 Aug 2020 15:02
Operator : SY/VA
Sample : L3800-05
Misc : 6.01G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Quant Time: Aug 28 08:11:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.374 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016390.D

Acq: 27 Aug 2020 15:02

Instrument :

MSVOA_W

ClientSampled :

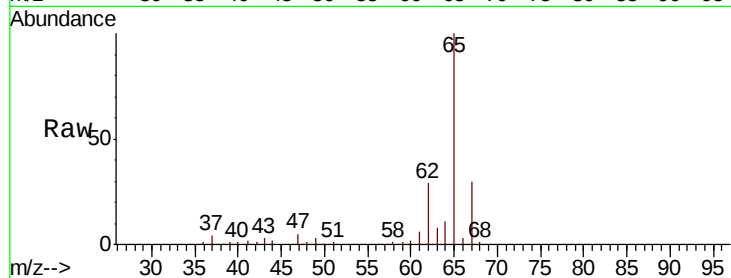
BG3H5

Tot Ion: 62 Resp: 11081

Ion Ratio Lower Upper

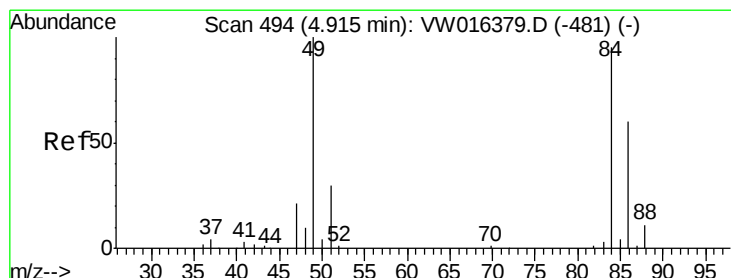
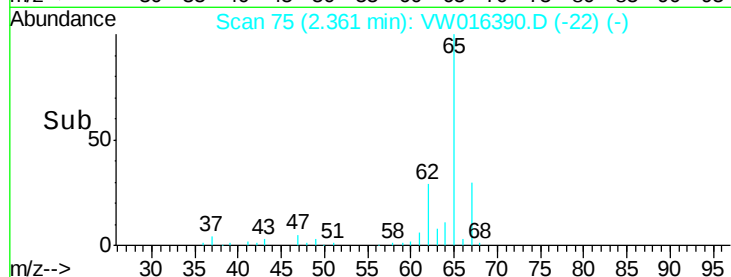
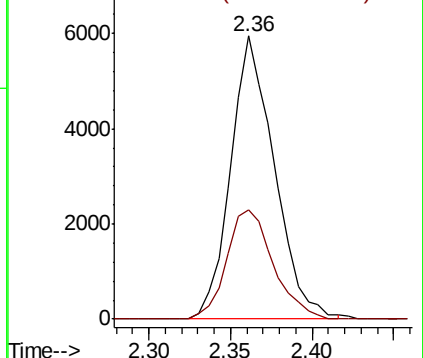
62 100

64 38.4 22.0 41.0



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#16

Methylene chloride

Concen: 2.082 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016390.D

Acq: 27 Aug 2020 15:02

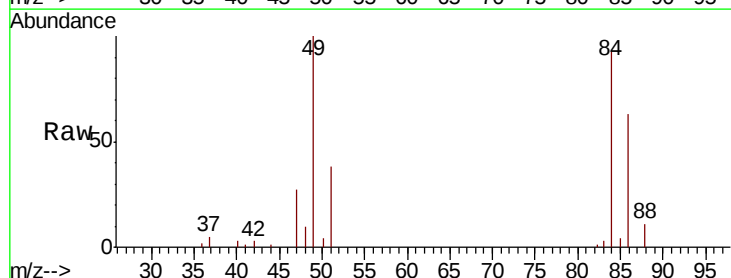
Tgt Ion: 84 Resp: 10818

Ion Ratio Lower Upper

84 100

49 107.2 75.3 139.9

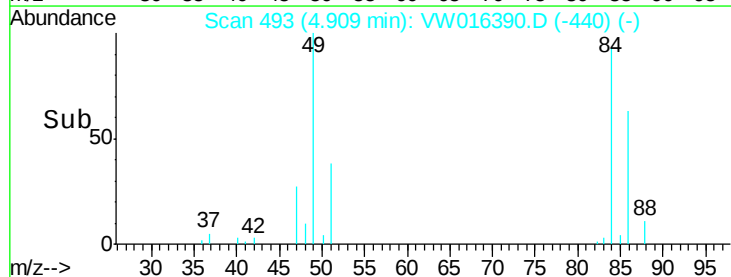
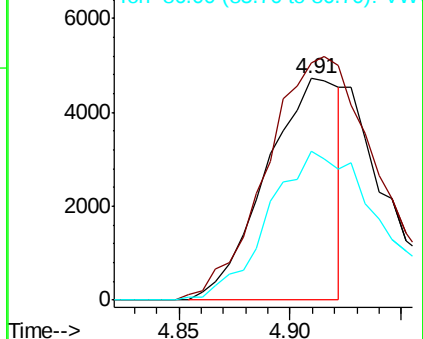
86 67.5 43.3 80.3

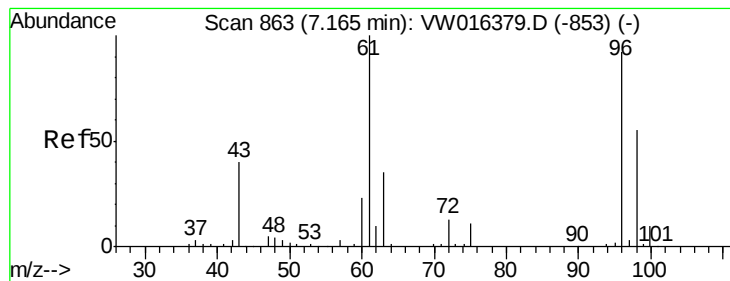


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



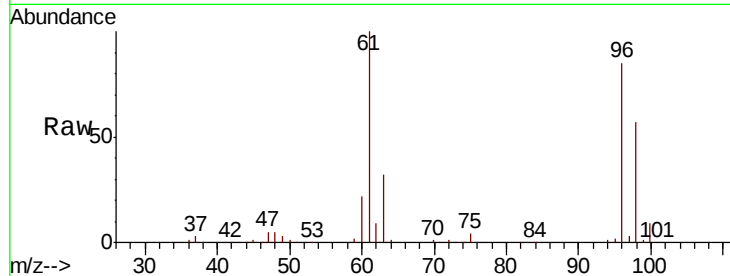


#22

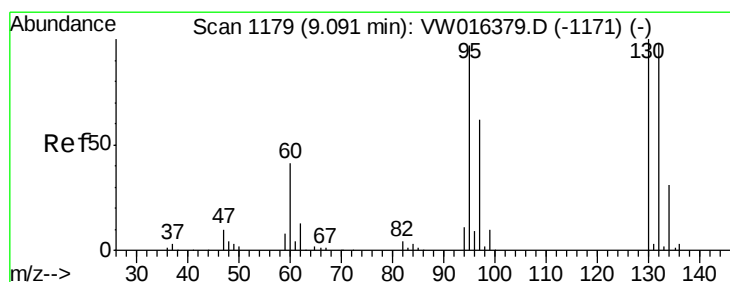
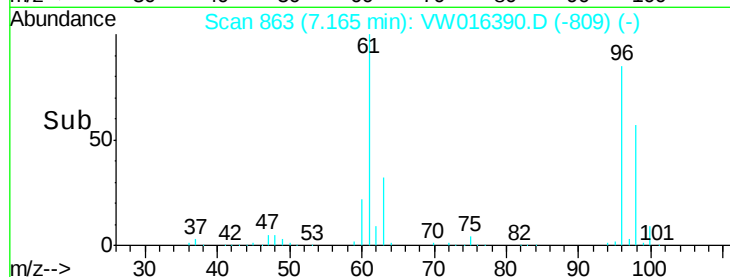
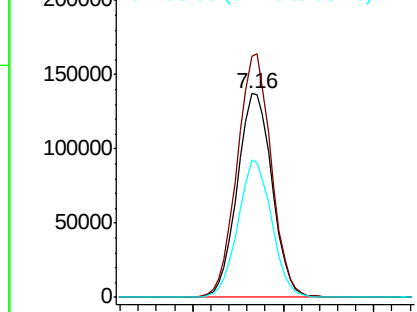
cis-1,2-Dichloroethene
Concen: 89.073 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW016390.D
Acq: 27 Aug 2020 15:02

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Tot Ion: 96 Resp: 367213
Ion Ratio Lower Upper
96 100
61 118.3 84.9 157.7
98 67.6 46.8 86.8



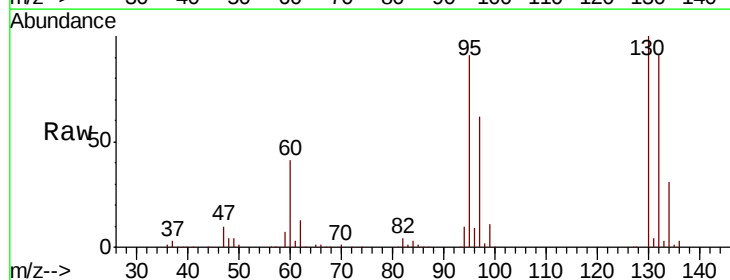
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



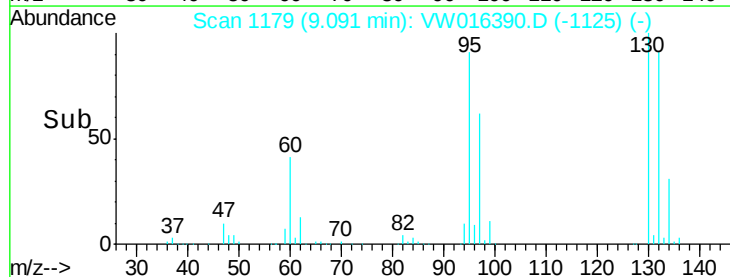
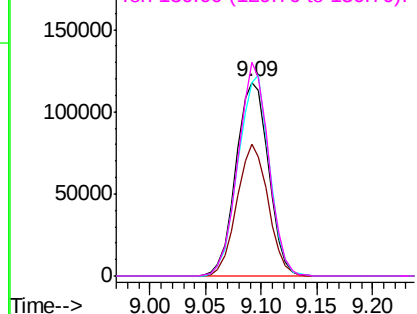
#35

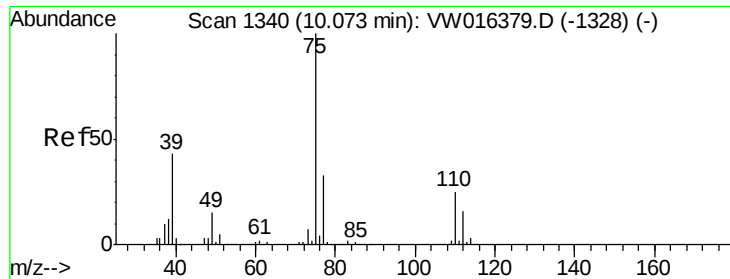
Trichloroethene
Concen: 61.912 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW016390.D
Acq: 27 Aug 2020 15:02

Tgt Ion: 95 Resp: 238659
Ion Ratio Lower Upper
95 100
97 65.5 44.9 83.5
132 99.9 68.2 126.6
130 103.4 71.5 132.9



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

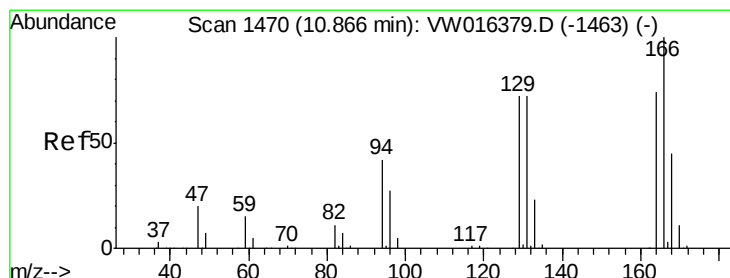
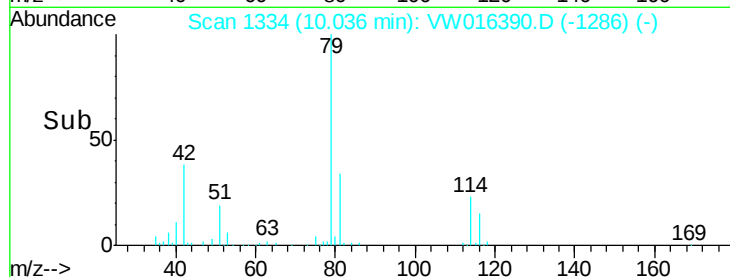
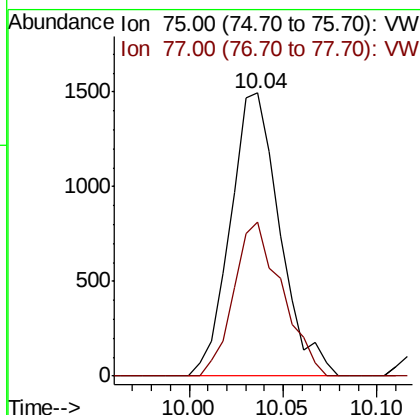
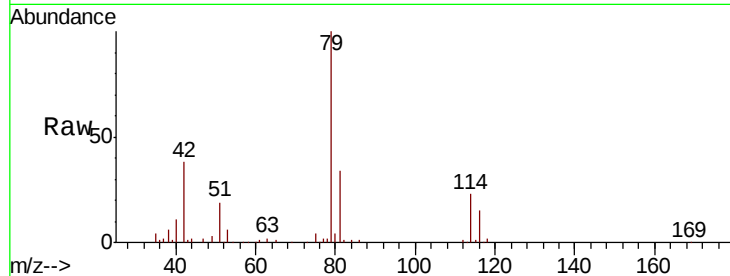




#42
 cis-1,3-Dichloropropene
 Concen: 0.519 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016390.D
 Acq: 27 Aug 2020 15:02

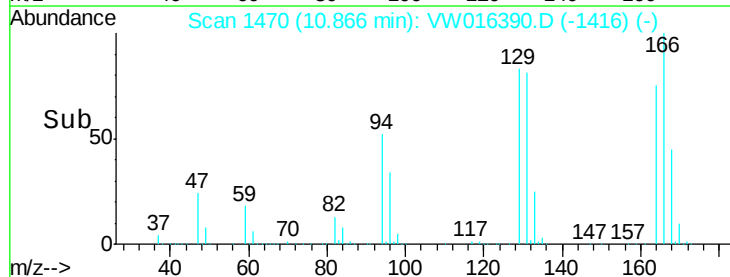
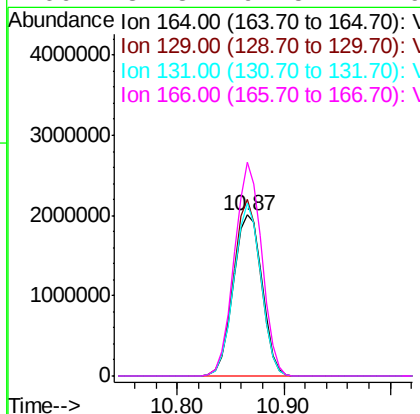
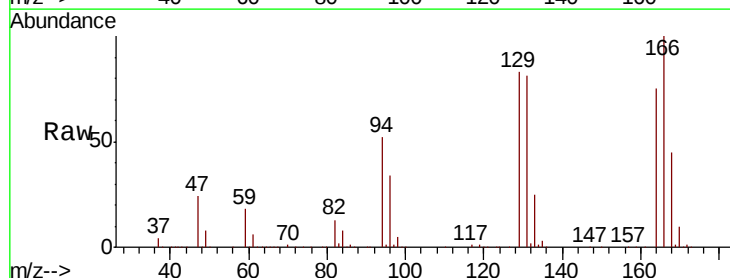
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H5

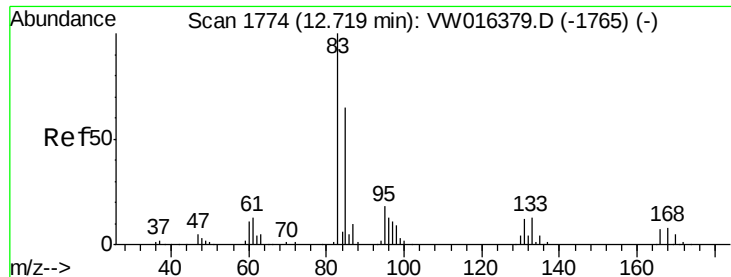
Tot Ion: 75 Resp: 2720
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.0 40.8#



#47
 Tetrachloroethene
 Concen: 1252.669 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016390.D
 Acq: 27 Aug 2020 15:02

Tgt Ion: 164 Resp: 3807850
 Ion Ratio Lower Upper
 164 100
 129 110.1 71.5 132.7
 131 107.5 67.4 125.2
 166 132.8 92.5 171.9





#58

1,1,2,2-Tetrachloroethane

Concen: 1.498 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016390.D

Acq: 27 Aug 2020 15:02

Instrument :

MSVOA_W

ClientSampleId :

BG3H5

Tot Ion: 83 Resp: 4618

Ion Ratio Lower Upper

83 100

85 61.6 46.0 85.4

131 15.2 8.8 13.2#

