

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016840.D
 Acq On : 07 Oct 2020 18:22
 Operator : SY/VA
 Sample : L4284-10
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W2

Quant Time: Oct 08 08:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	652368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	586869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	275287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137391	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.90	69	111841	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
10) 1,1-Dichloroethene-d2	4.03	63	193642	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	7.09	46	47757	32.76	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.52%
24) Chloroform-d	7.65	84	270332	19.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.56%
26) 1,2-Dichloroethane-d4	8.31	65	133272	20.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.20%
29) Benzene-d6	8.28	84	555886	20.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.44%
33) 1,2-Dichloropropane-d6	9.28	67	148820	20.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.12%
37) Toluene-d8	10.33	98	530802	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	58068	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.52%
39) 2-Hexanone-d5	10.93	63	40831	36.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105610	18.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	182981	20.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.84%

Target Compounds

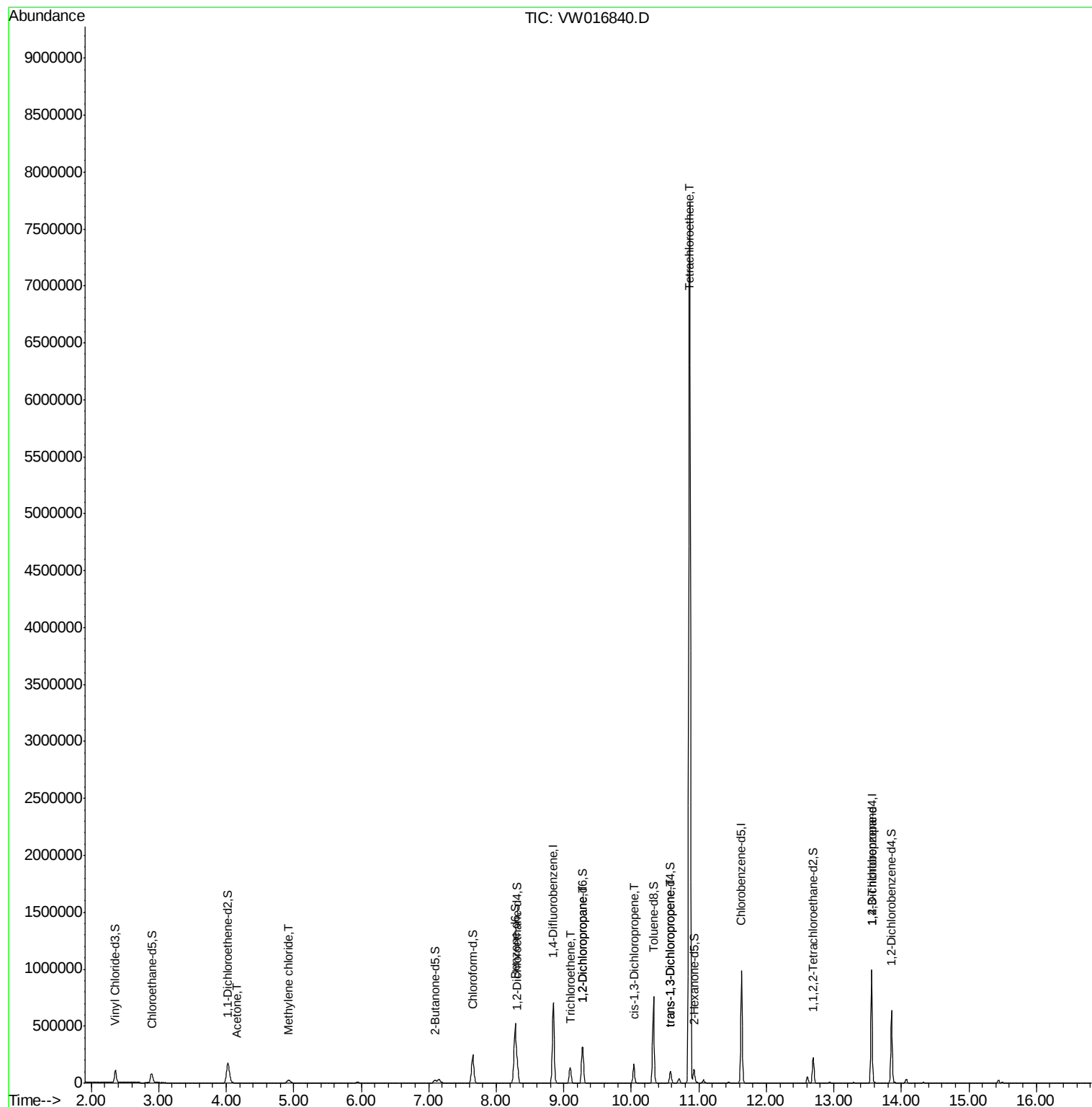
					Ovalue
13) Acetone	4.15	43	3913	3.547 ug/L	86
16) Methylene chloride	4.92	84	26178	2.908 ug/L	94
35) Trichloroethene	9.10	95	46580	5.225 ug/L	99
40) 1,2-Dichloropropane	9.27	63	17163	2.408 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4120	0.363 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	2614	0.273 ug/L #	72
47) Tetrachloroethene	10.87	164	1845067	223.245 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	28086	6.056 ug/L	91

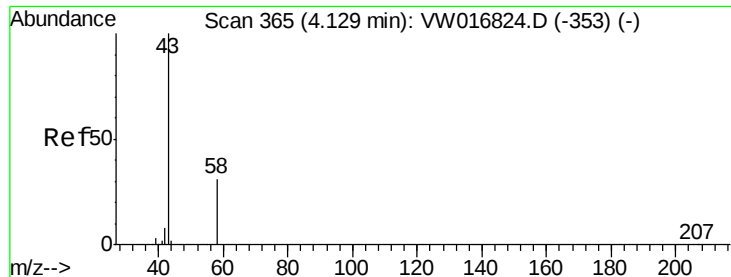
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.547 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016840.D

Acq: 07 Oct 2020 18:22

Instrument :

MSVOA_W

ClientSampled :

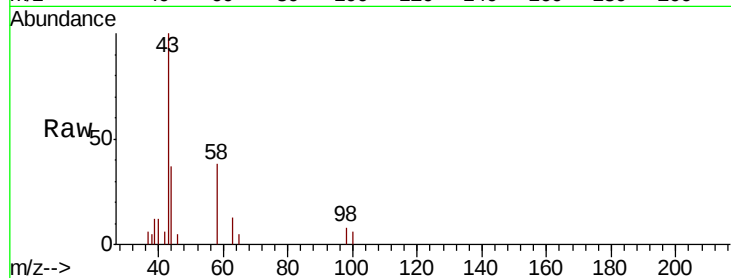
BG3W2

Tot Ion: 43 Resp: 3913

Ion Ratio Lower Upper

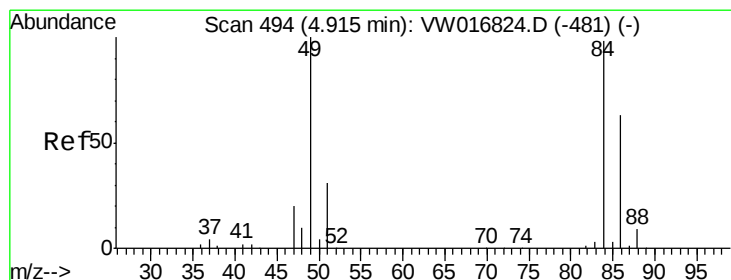
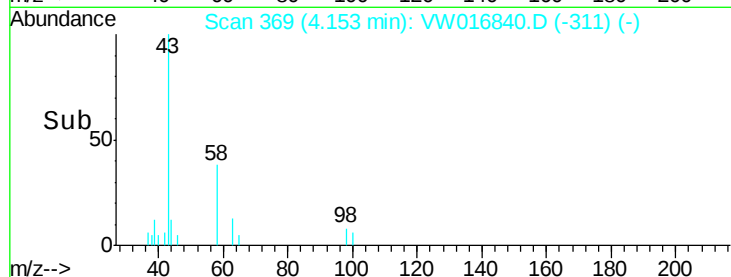
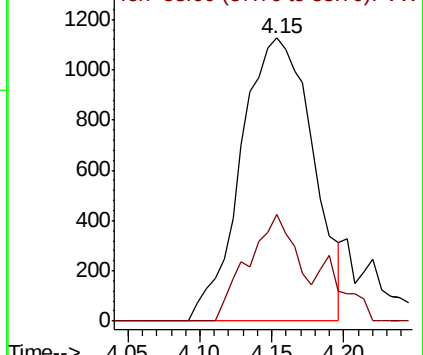
43 100

58 26.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.908 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016840.D

Acq: 07 Oct 2020 18:22

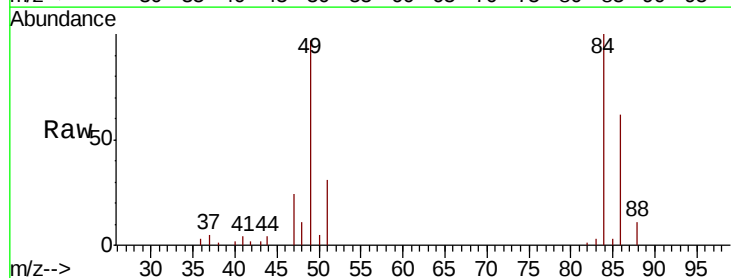
Tgt Ion: 84 Resp: 26178

Ion Ratio Lower Upper

84 100

49 97.0 73.1 135.8

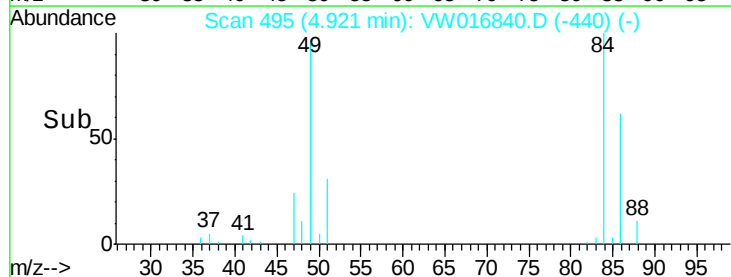
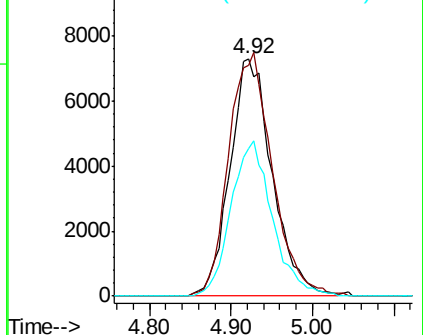
86 62.1 46.0 85.4

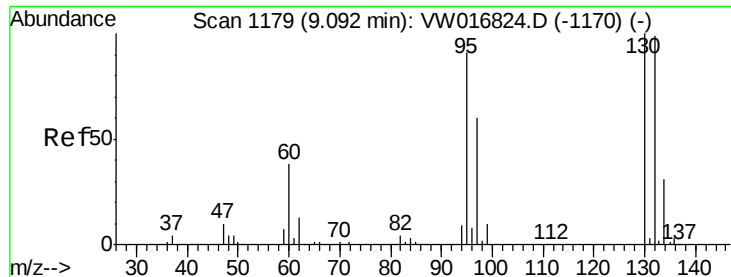


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 5.225 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016840.D

Acq: 07 Oct 2020 18:22

Instrument :

MSVOA_W

ClientSampleId :

BG3W2

Tot Ion: 95 Resp: 46580

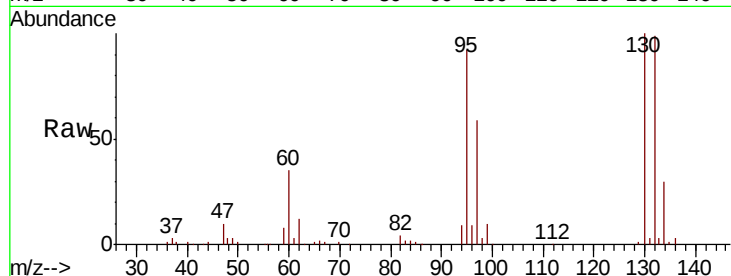
Ion Ratio Lower Upper

95 100

97 64.0 44.7 83.1

132 104.0 73.8 137.2

130 111.5 77.1 143.3

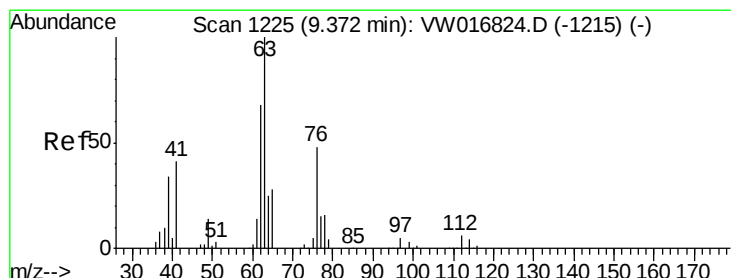
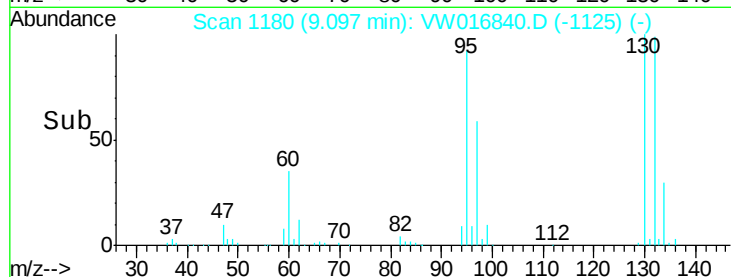
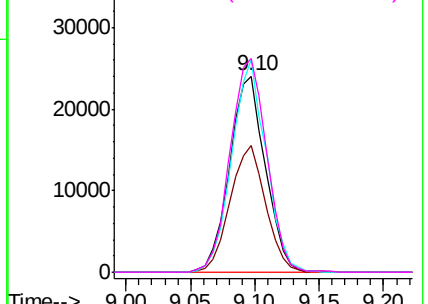


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.408 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016840.D

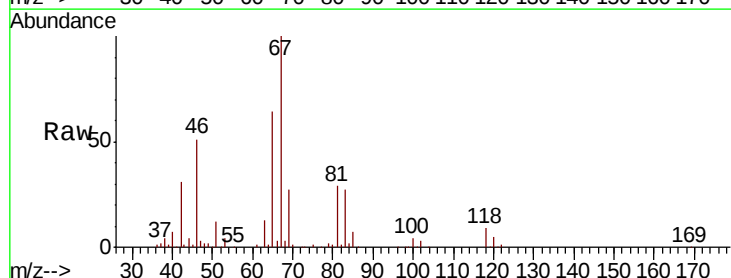
Acq: 07 Oct 2020 18:22

Tgt Ion: 63 Resp: 17163

Ion Ratio Lower Upper

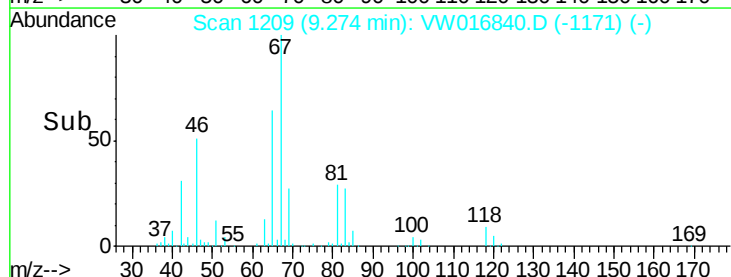
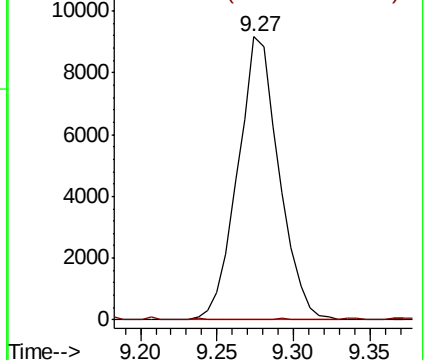
63 100

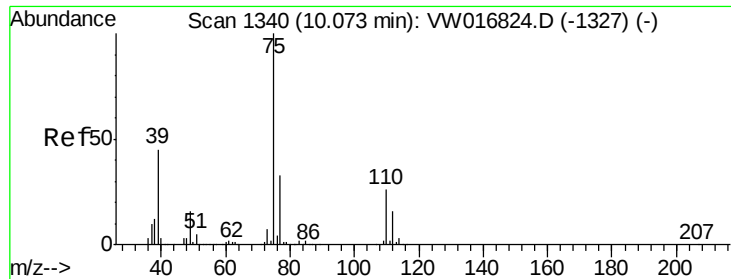
112 0.3 4.5 6.7#



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: 0.363 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016840.D

Acq: 07 Oct 2020 18:22

Instrument :

MSVOA_W

ClientSampleId :

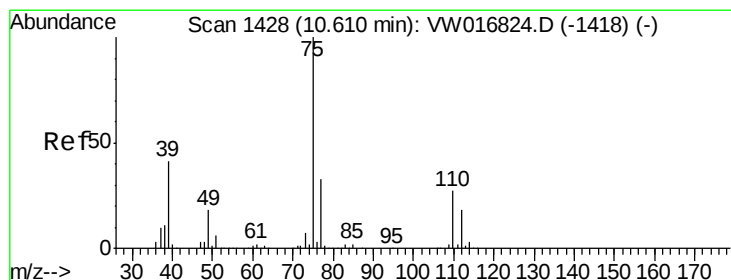
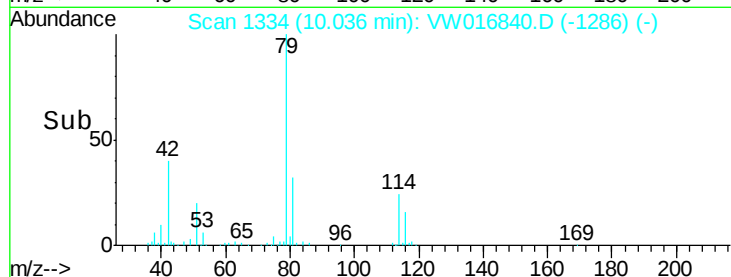
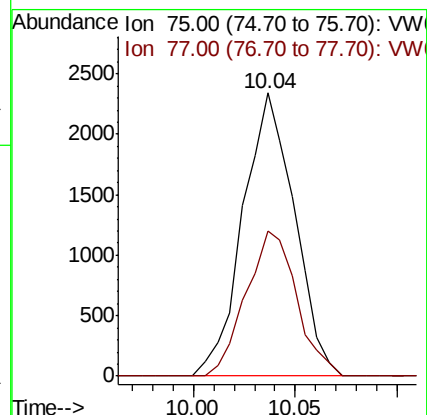
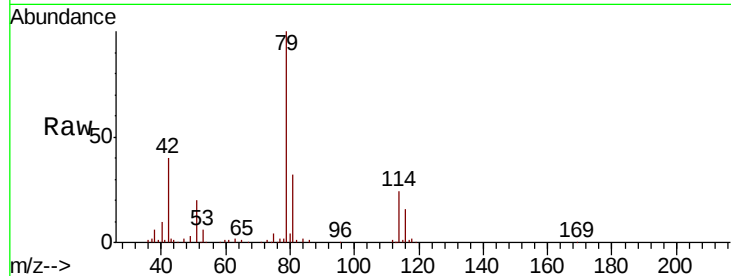
BG3W2

Tot Ion: 75 Resp: 4120

Ion Ratio Lower Upper

75 100

77 51.3 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.273 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016840.D

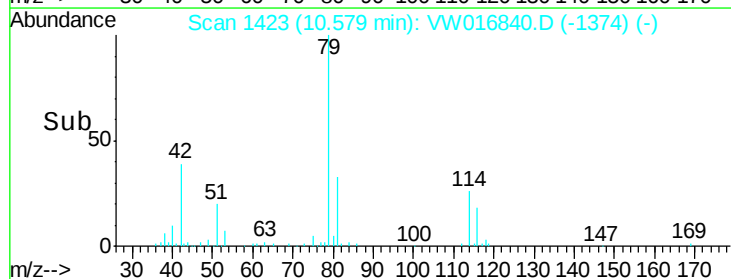
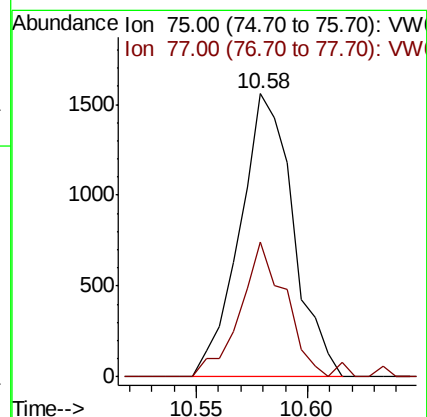
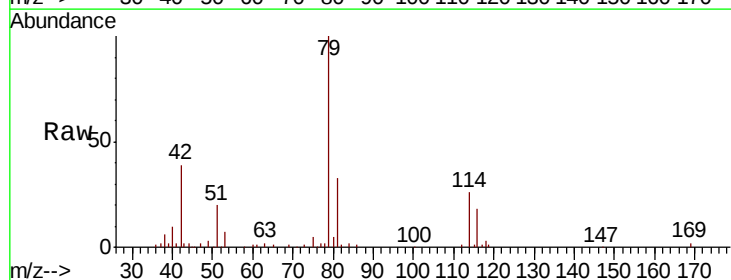
Acq: 07 Oct 2020 18:22

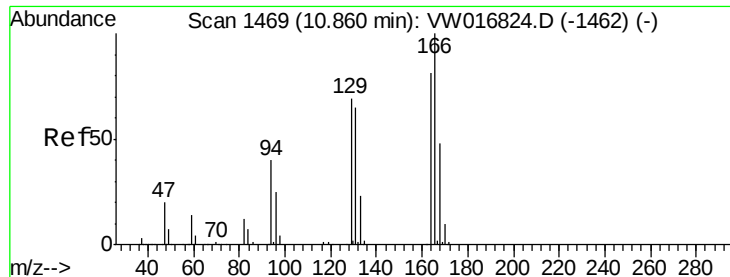
Tgt Ion: 75 Resp: 2614

Ion Ratio Lower Upper

75 100

77 47.5 22.2 41.2#





#47

Tetrachloroethene

Concen: 223.245 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016840.D

Acq: 07 Oct 2020 18:22

Instrument :

MSVOA_W

ClientSampleId :

BG3W2

Tot Ion:164 Resp: 1845067

Ion	Ratio	Lower	Upper
164	100		
129	89.5	61.7	114.7
131	86.8	59.7	110.9
166	126.4	88.3	164.1

Abundance Ion 164.00 (163.70 to 164.70): V

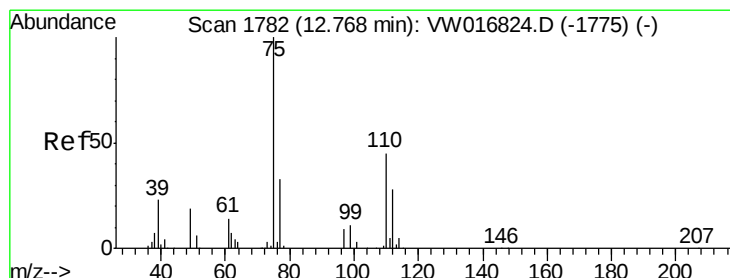
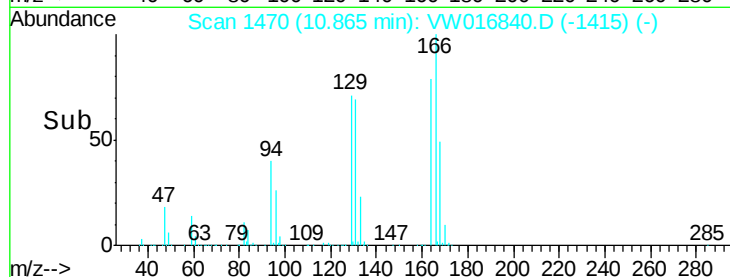
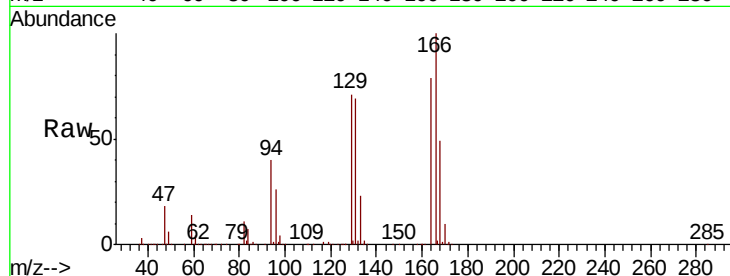
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

10.87

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.056 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016840.D

Acq: 07 Oct 2020 18:22

Tgt Ion: 75 Resp: 28086

Ion	Ratio	Lower	Upper
75	100		
77	37.6	26.2	39.2

Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

Time-->

