

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017043.D
 Acq On : 02 Nov 2020 13:24
 Operator : SY/VA
 Sample : L4543-16
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG474

Quant Time: Nov 03 04:56:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	520804	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	215968	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129496	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
7) Chloroethane-d5	2.90	69	108551	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.24%
10) 1,1-Dichloroethene-d2	4.03	63	196378	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.08	46	44046	38.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.80%
24) Chloroform-d	7.65	84	274330	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.31	65	124846	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.28	84	565618	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.28	67	152620	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.12%
37) Toluene-d8	10.33	98	531699	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.00%
38) trans-1,3-Dichloropropene-	10.58	79	58543	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.96%
39) 2-Hexanone-d5	10.93	63	37346	41.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100567	20.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	179449	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

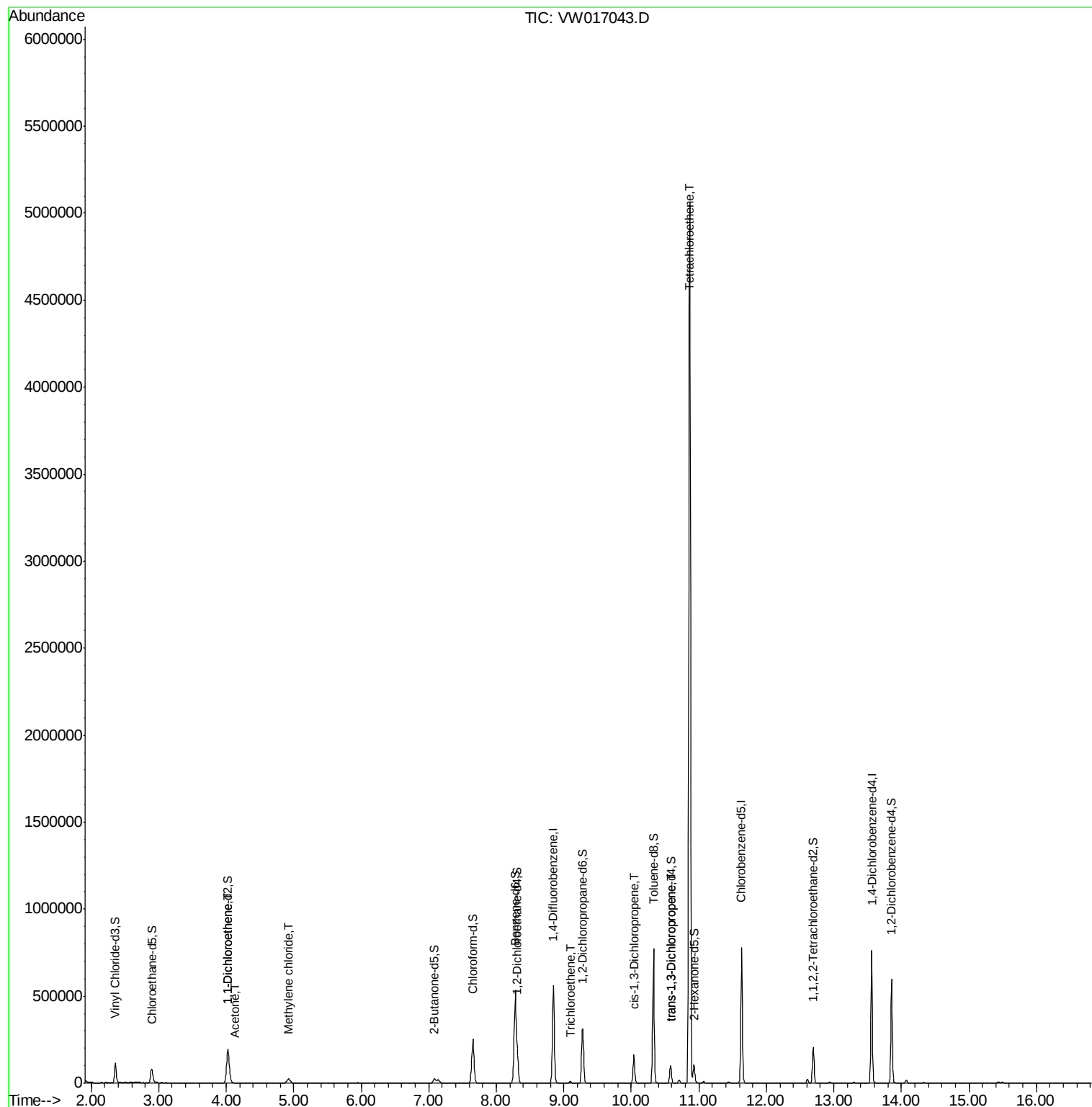
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1836	0.269 ug/L	# 1
13) Acetone	4.13	43	440	0.578 ug/L	74
16) Methylene chloride	4.92	84	22395	3.252 ug/L	93
35) Trichloroethene	9.10	95	2551	0.360 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	4138	0.463 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	2588	0.350 ug/L	89
47) Tetrachloroethene	10.87	164	1229114	188.692 ug/L	92

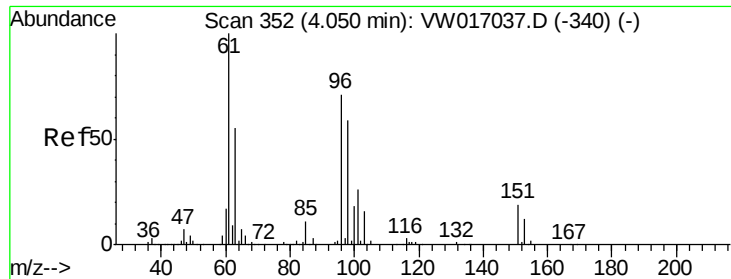
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.269 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.02 min

Lab File: VW017043.D

Acq: 02 Nov 2020 13:24

Instrument :

MSVOA_W

ClientSampled :

BG474

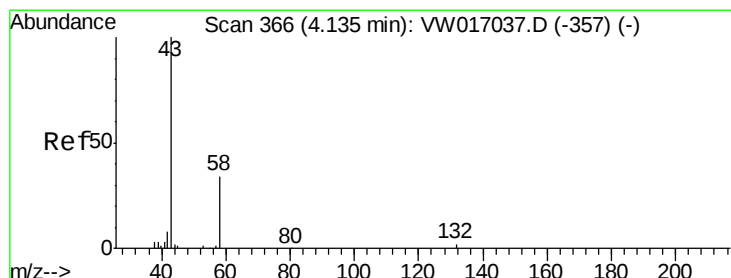
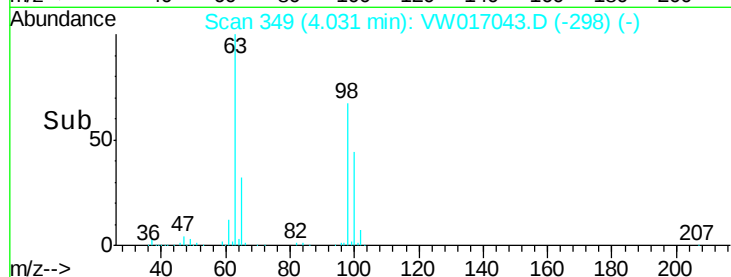
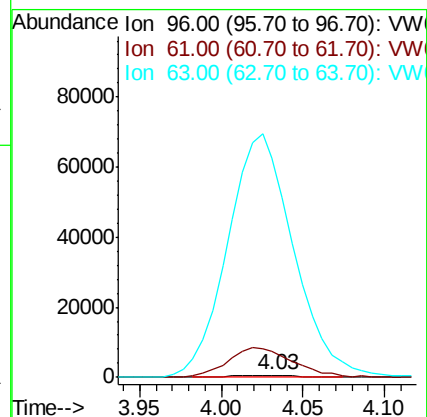
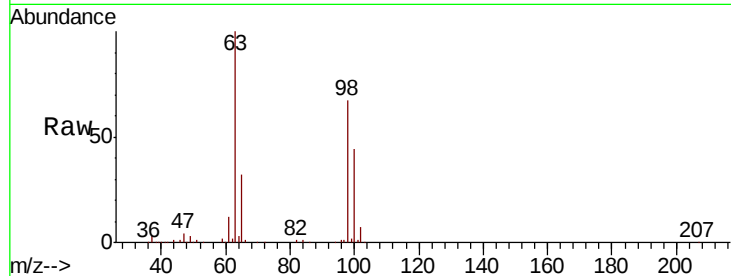
Tot Ion: 96 Resp: 1836

Ion Ratio Lower Upper

96 100

61 1132.8 101.4 188.4#

63 9435.6 78.5 145.9#



#13

Acetone

Concen: 0.578 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017043.D

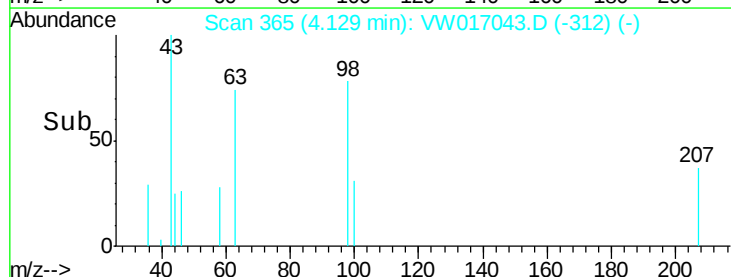
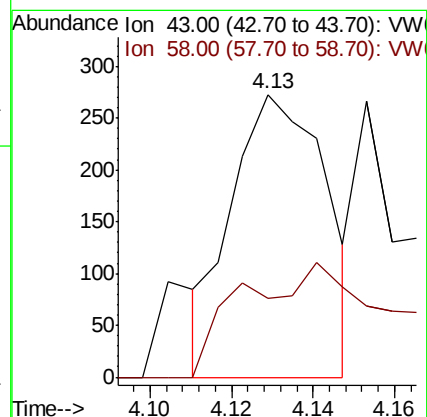
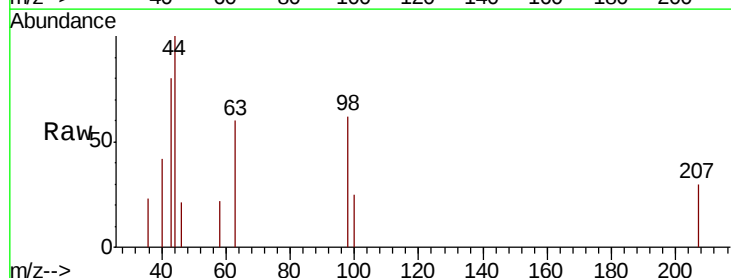
Acq: 02 Nov 2020 13:24

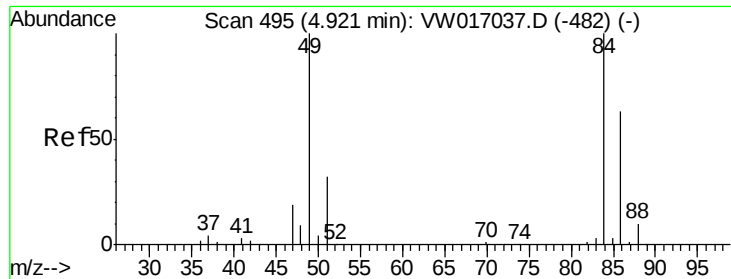
Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

58 19.5 0.0 69.8

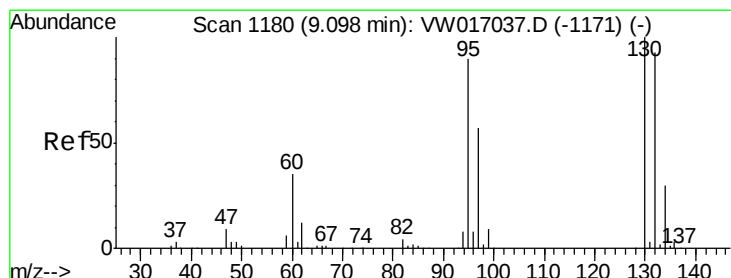
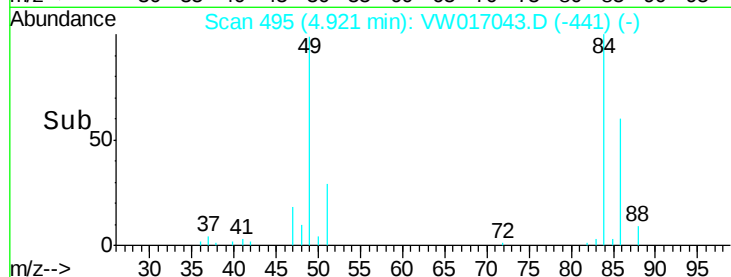
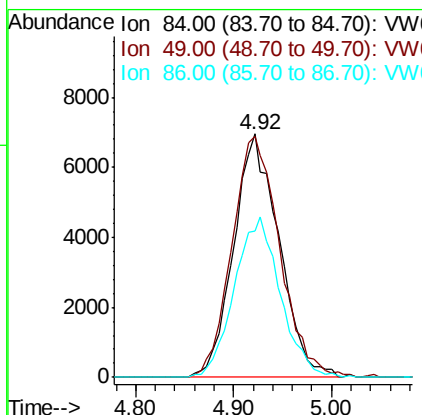
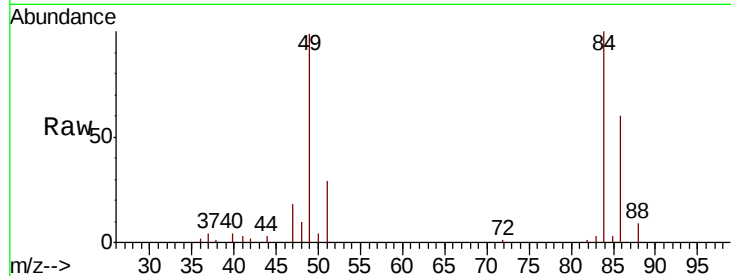




#16
Methvlene chloride
Concen: 3.252 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017043.D
Acq: 02 Nov 2020 13:24

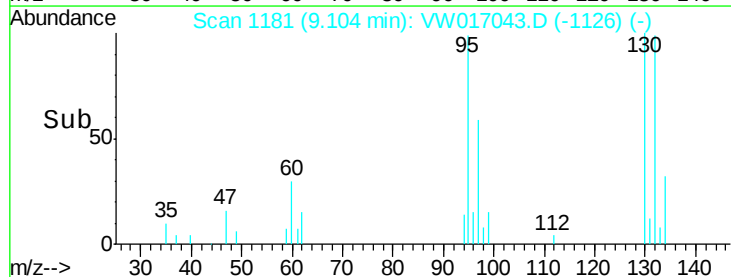
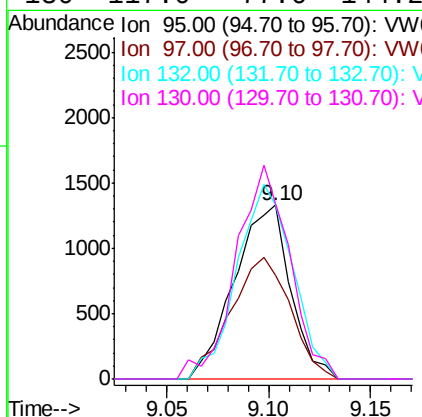
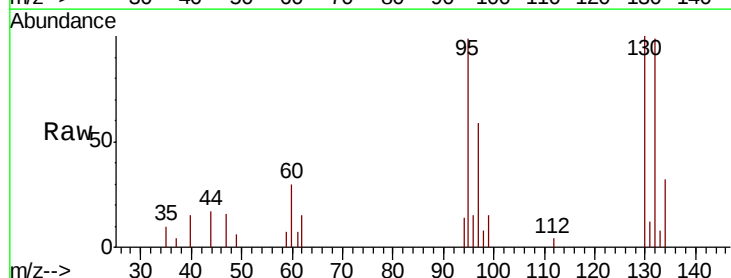
Instrument :
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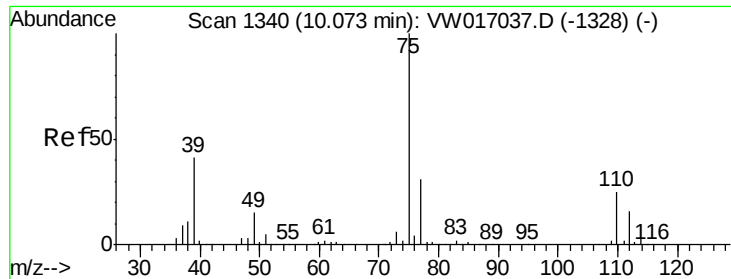
Tot Ion: 84 Resp: 22395
Ion Ratio Lower Upper
84 100
49 99.2 73.8 137.0
86 60.0 47.4 88.0



#35
Trichloroethene
Concen: 0.360 ug/L
RT: 9.10 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VW017043.D
Acq: 02 Nov 2020 13:24

Tgt Ion: 95 Resp: 2551
Ion Ratio Lower Upper
95 100
97 73.9 46.0 85.4
132 110.5 73.9 137.3
130 117.0 77.6 144.2





#42

cis-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017043.D

Acq: 02 Nov 2020 13:24

Instrument :

MSVOA_W

ClientSampled :

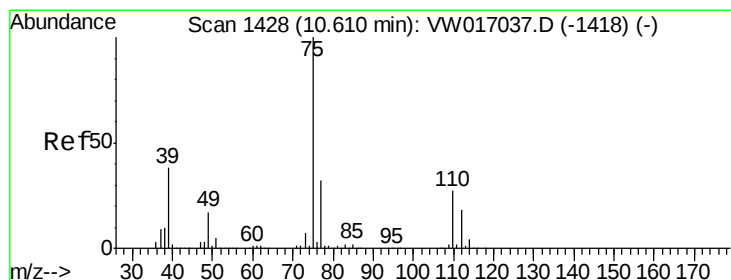
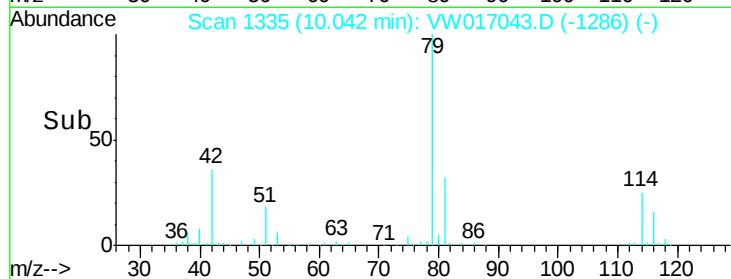
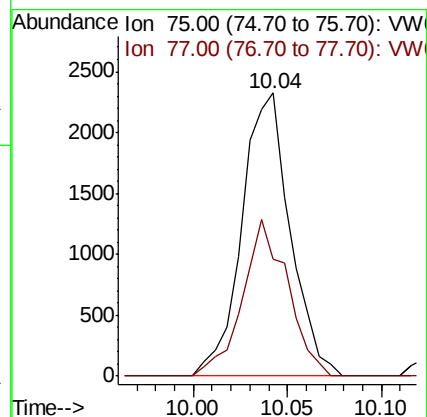
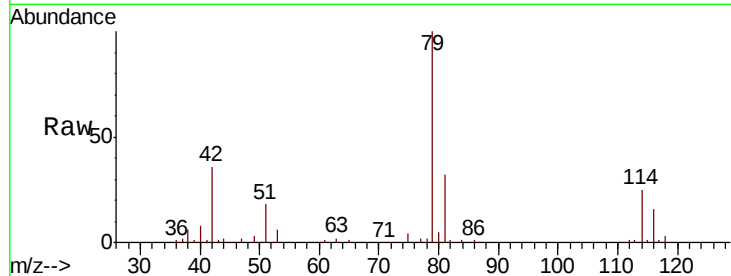
BG474

Tot Ion: 75 Resp: 4138

Ion Ratio Lower Upper

75 100

77 41.4 22.7 42.1



#45

trans-1,3-Dichloropropene

Concen: 0.350 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017043.D

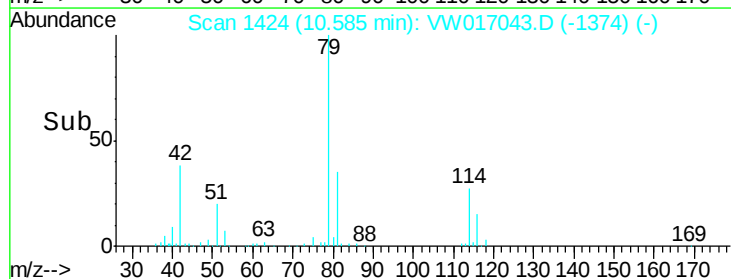
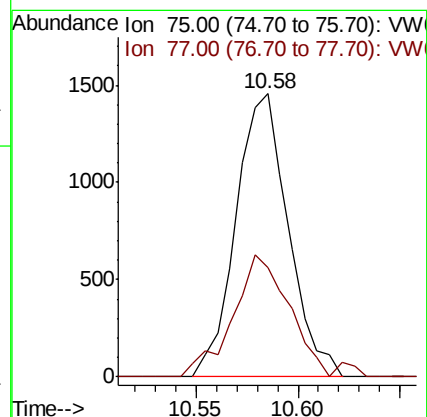
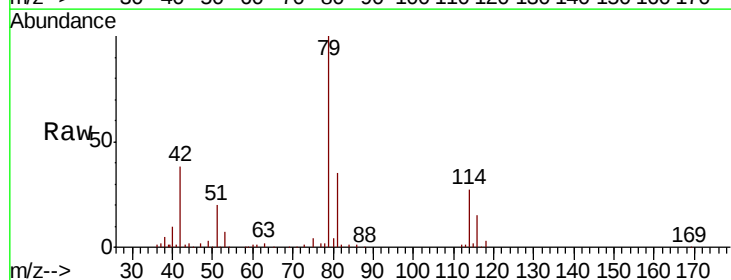
Acq: 02 Nov 2020 13:24

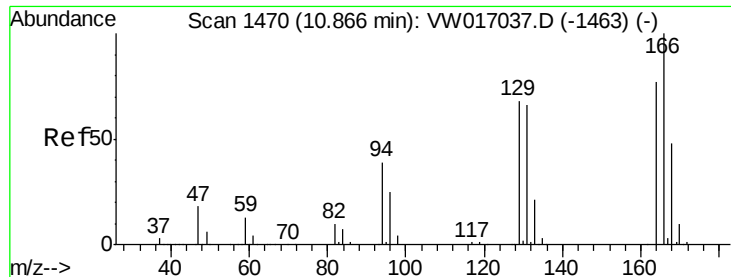
Tgt Ion: 75 Resp: 2588

Ion Ratio Lower Upper

75 100

77 38.7 22.7 42.3





#47

Tetrachloroethene

Concen: 188.692 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017043.D

Acq: 02 Nov 2020 13:24

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Tot Ion:164 Resp: 1229114

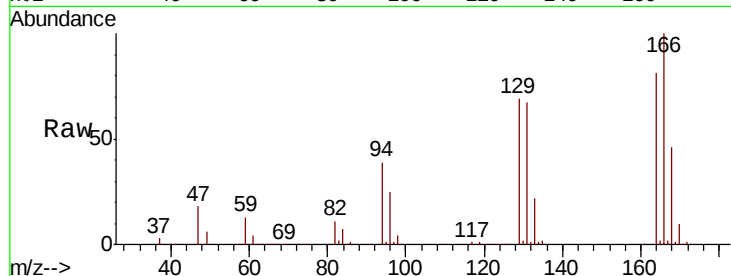
Ion Ratio Lower Upper

164 100

129 85.2 64.0 119.0

131 82.8 61.7 114.5

166 124.1 94.6 175.8



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

