

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017581.D
 Acq On : 07 Dec 2020 16:06
 Operator : SY/VA
 Sample : L4955-11
 Misc : 4.86G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K6

Quant Time: Dec 08 06:48:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	379059	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133386	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82881	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.48%
7) Chloroethane-d5	2.89	69	75356	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.52%
10) 1,1-Dichloroethene-d2	4.02	63	150586	13.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	7.29	46	225	0.21	ug/L	0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.42%#
24) Chloroform-d	7.65	84	228775	20.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	8.31	65	117748	21.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.16%
29) Benzene-d6	8.28	84	426446	20.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.68%
33) 1,2-Dichloropropane-d6	9.27	67	127724	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	10.33	98	374497	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.12%
38) trans-1,3-Dichloropropene-	10.58	79	49328	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.08%
39) 2-Hexanone-d5	10.93	63	28534	39.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92066	21.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	102793	20.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.68%

Target Compounds

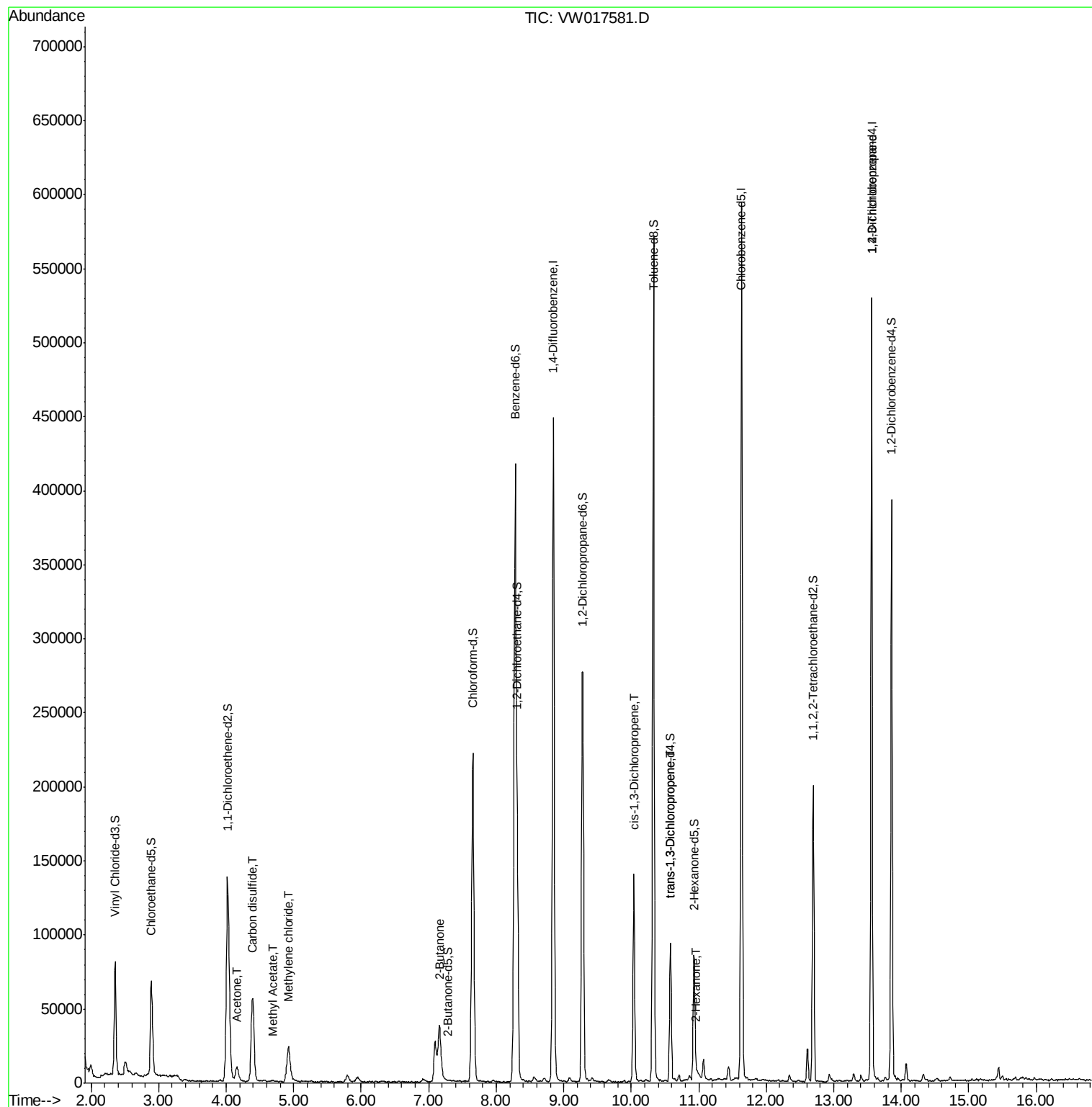
					Ovalue
13) Acetone	4.16	43	19094	17.937	ug/L 60
14) Carbon disulfide	4.40	76	130653	8.702	ug/L 98
15) Methyl Acetate	4.70	43	927	0.510	ug/L # 49
16) Methylene chloride	4.92	84	20426	3.574	ug/L 97
21) 2-Butanone	7.17	43	2111	1.673	ug/L 82
42) cis-1,3-Dichloropropene	10.04	75	4038	0.553	ug/L 92
45) trans-1,3-Dichloropropene	10.58	75	2492	0.396	ug/L 88
49) 2-Hexanone	10.97	43	1455	0.907	ug/L # 79
59) 1,2,3-Trichloropropane	13.56	75	15584	5.497	ug/L 97

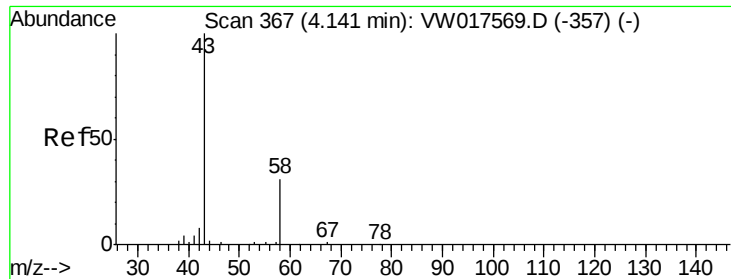
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 17.937 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW017581.D

Acq: 07 Dec 2020 16:06

Instrument :

MSVOA_W

ClientSampleId :

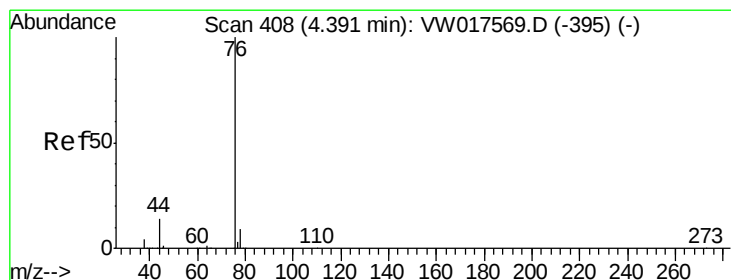
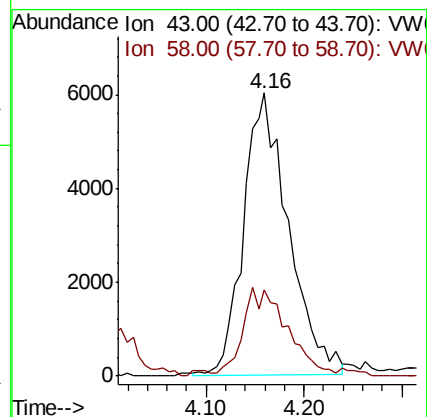
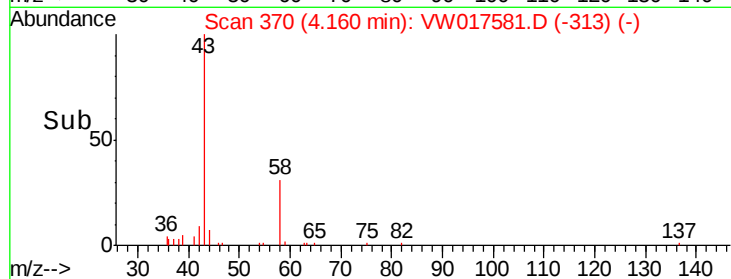
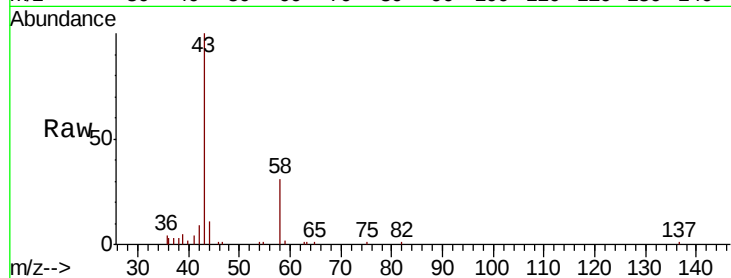
BG4K6

Tot Ion: 43 Resp: 19094

Ion Ratio Lower Upper

43 100

58 11.4 0.0 68.4



#14

Carbon disulfide

Concen: 8.702 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017581.D

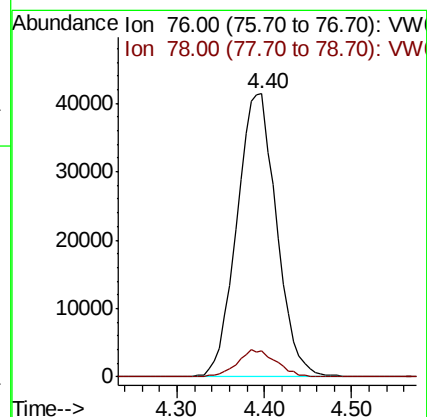
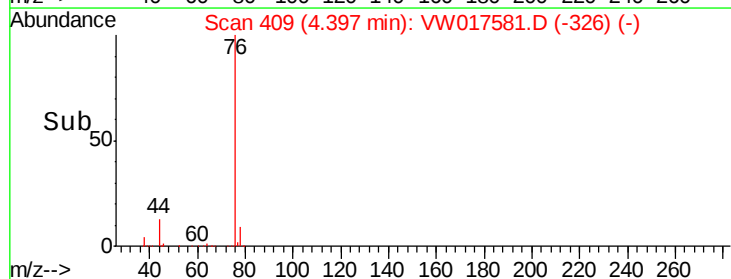
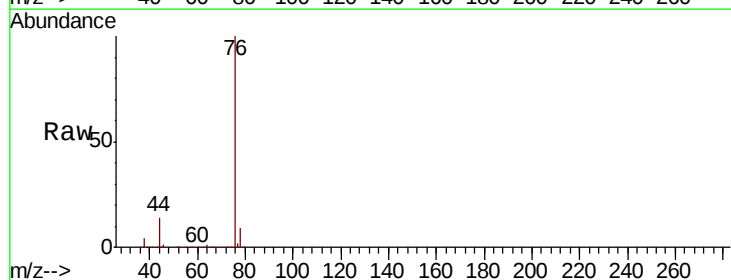
Acq: 07 Dec 2020 16:06

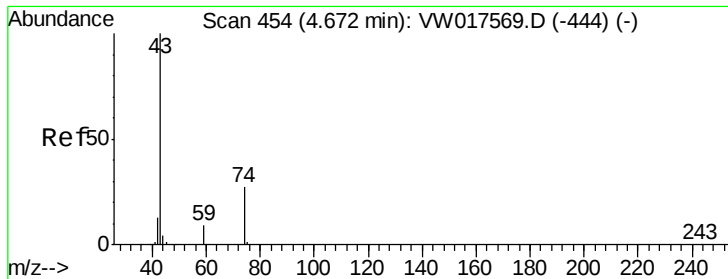
Tgt Ion: 76 Resp: 130653

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

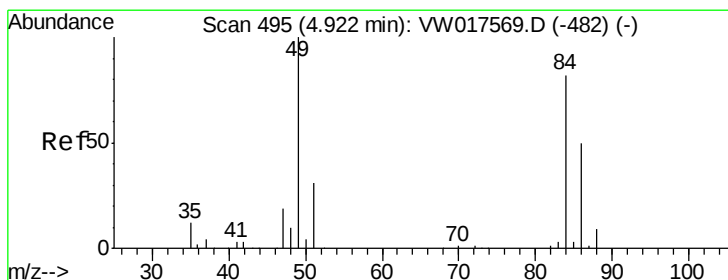
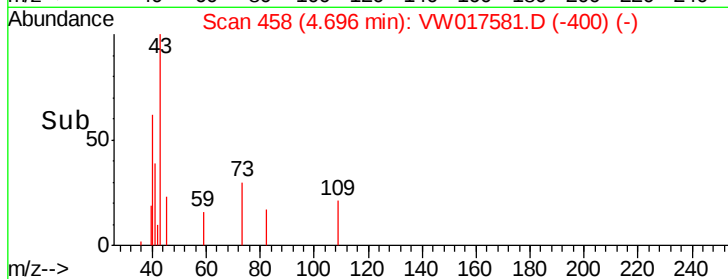
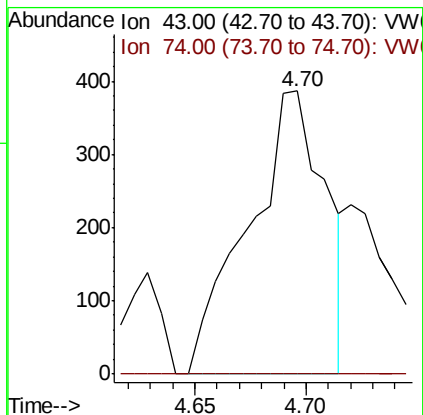
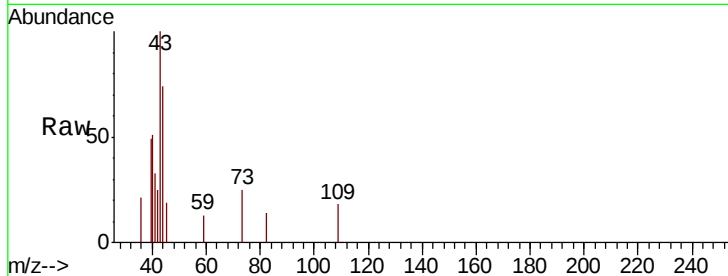




#15
Methyl Acetate
Concen: 0.510 ug/L
RT: 4.70 min Scan# 458
Delta R.T. 0.02 min
Lab File: VW017581.D
Acq: 07 Dec 2020 16:06

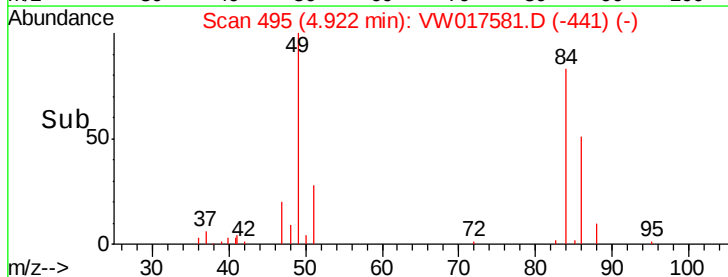
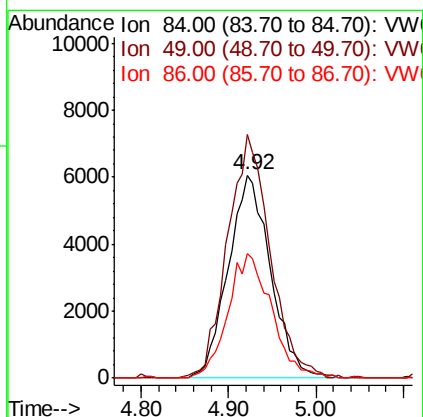
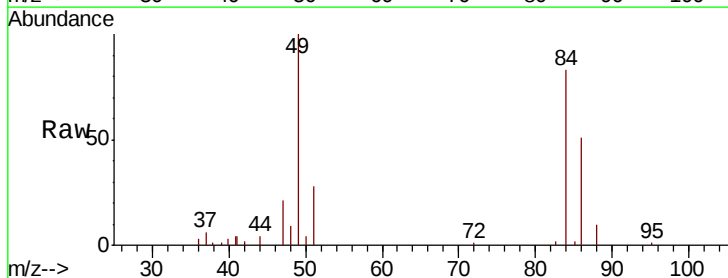
Instrument :
MSVOA_W
ClientSampled :
BG4K6

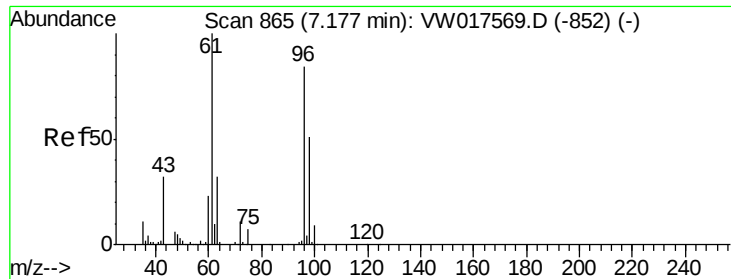
Tot Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#16
Methylene chloride
Concen: 3.574 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017581.D
Acq: 07 Dec 2020 16:06

Tgt Ion: 84 Resp: 20426
Ion Ratio Lower Upper
84 100
49 119.9 81.2 150.8
86 61.6 44.5 82.7





#21

2-Butanone

Concen: 1.673 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW017581.D

Acq: 07 Dec 2020 16:06

Instrument :

MSVOA_W

ClientSampleId :

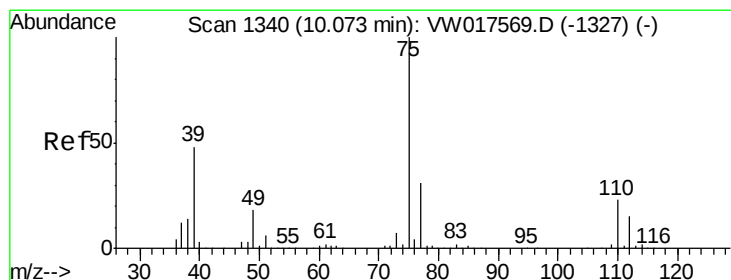
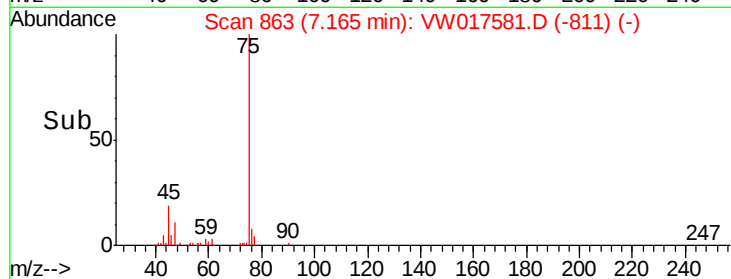
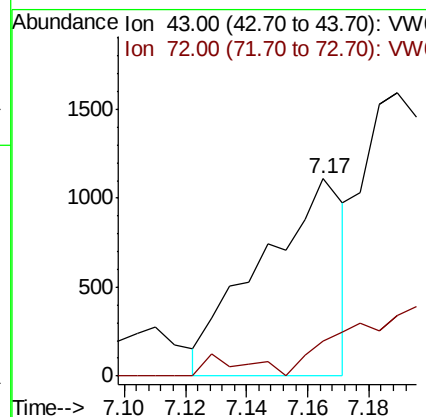
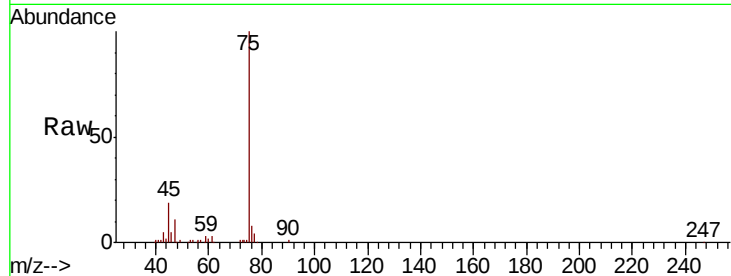
BG4K6

Tot Ion: 43 Resp: 2111

Ion Ratio Lower Upper

43 100

72 19.5 14.4 43.2



#42

cis-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017581.D

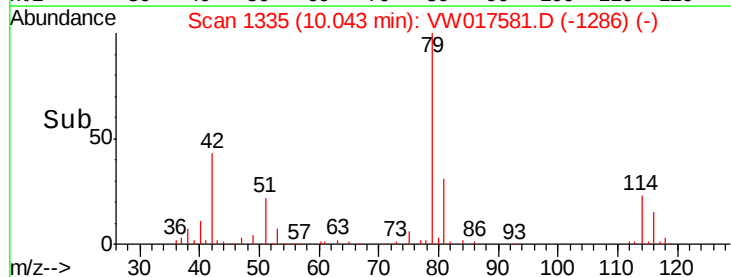
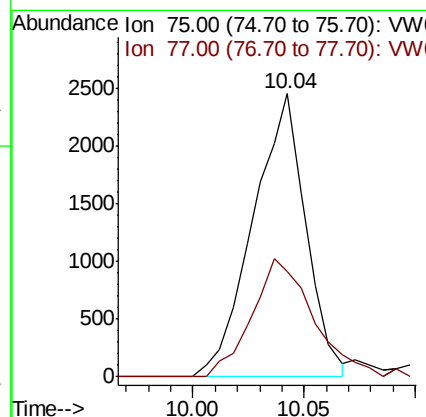
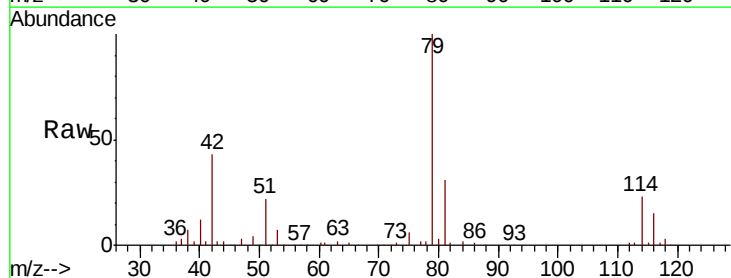
Acq: 07 Dec 2020 16:06

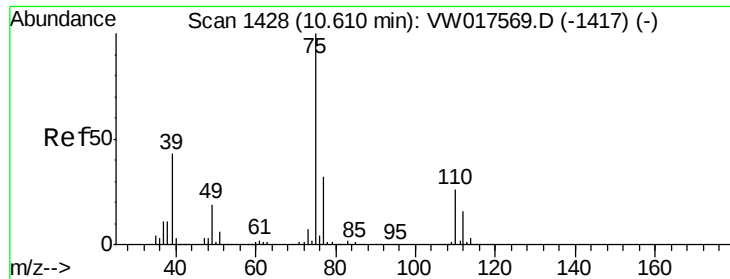
Tgt Ion: 75 Resp: 4038

Ion Ratio Lower Upper

75 100

77 37.0 22.7 42.3





#45

trans-1,3-Dichloropropene

Concen: 0.396 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017581.D

Acq: 07 Dec 2020 16:06

Instrument :

MSVOA_W

ClientSampleId :

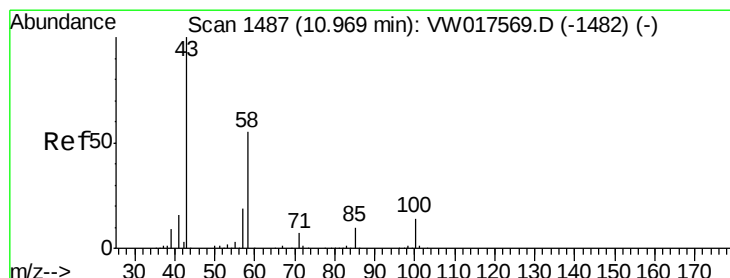
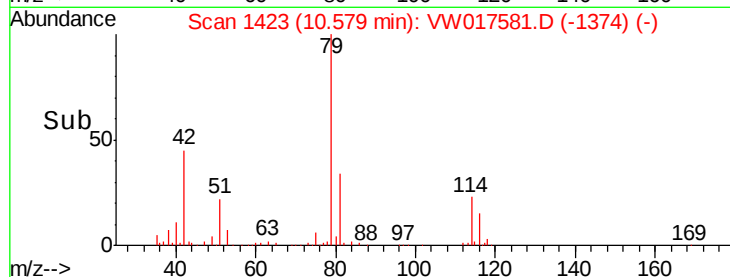
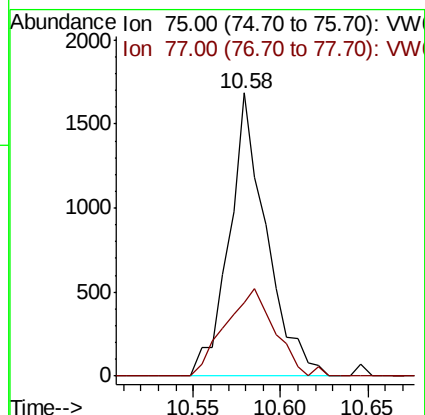
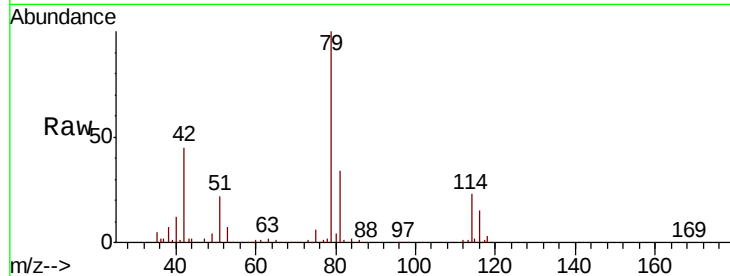
BG4K6

Tot Ion: 75 Resp: 2492

Ion Ratio Lower Upper

75 100

77 25.8 22.6 42.0



#49

2-Hexanone

Concen: 0.907 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017581.D

Acq: 07 Dec 2020 16:06

Tgt Ion: 43 Resp: 1455

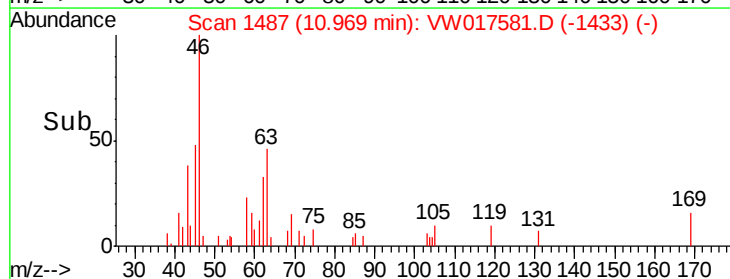
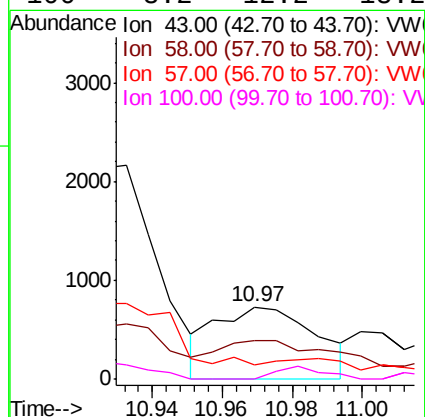
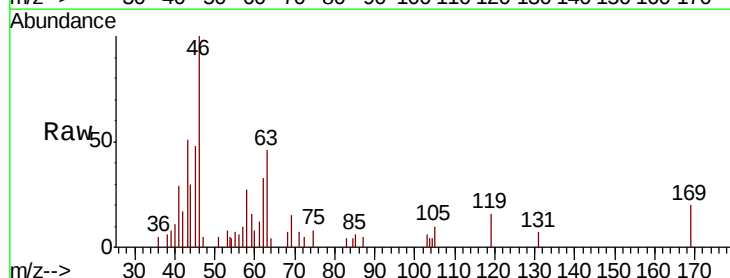
Ion Ratio Lower Upper

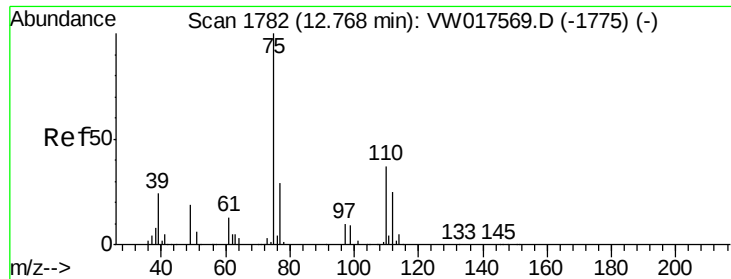
43 100

58 42.4 51.3 76.9#

57 18.0 15.0 22.6

100 8.2 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017581.D

Acq: 07 Dec 2020 16:06

Instrument :

MSVOA_W

ClientSampleId :

BG4K6

Tot Ion: 75 Resp: 15584

Ion Ratio Lower Upper

75 100

77 35.0 26.6 39.8

