

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018561.D
 Acq On : 06 Apr 2021 13:06
 Operator : SY/VA
 Sample : M1896-14
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG586

Quant Time: Apr 07 01:13:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

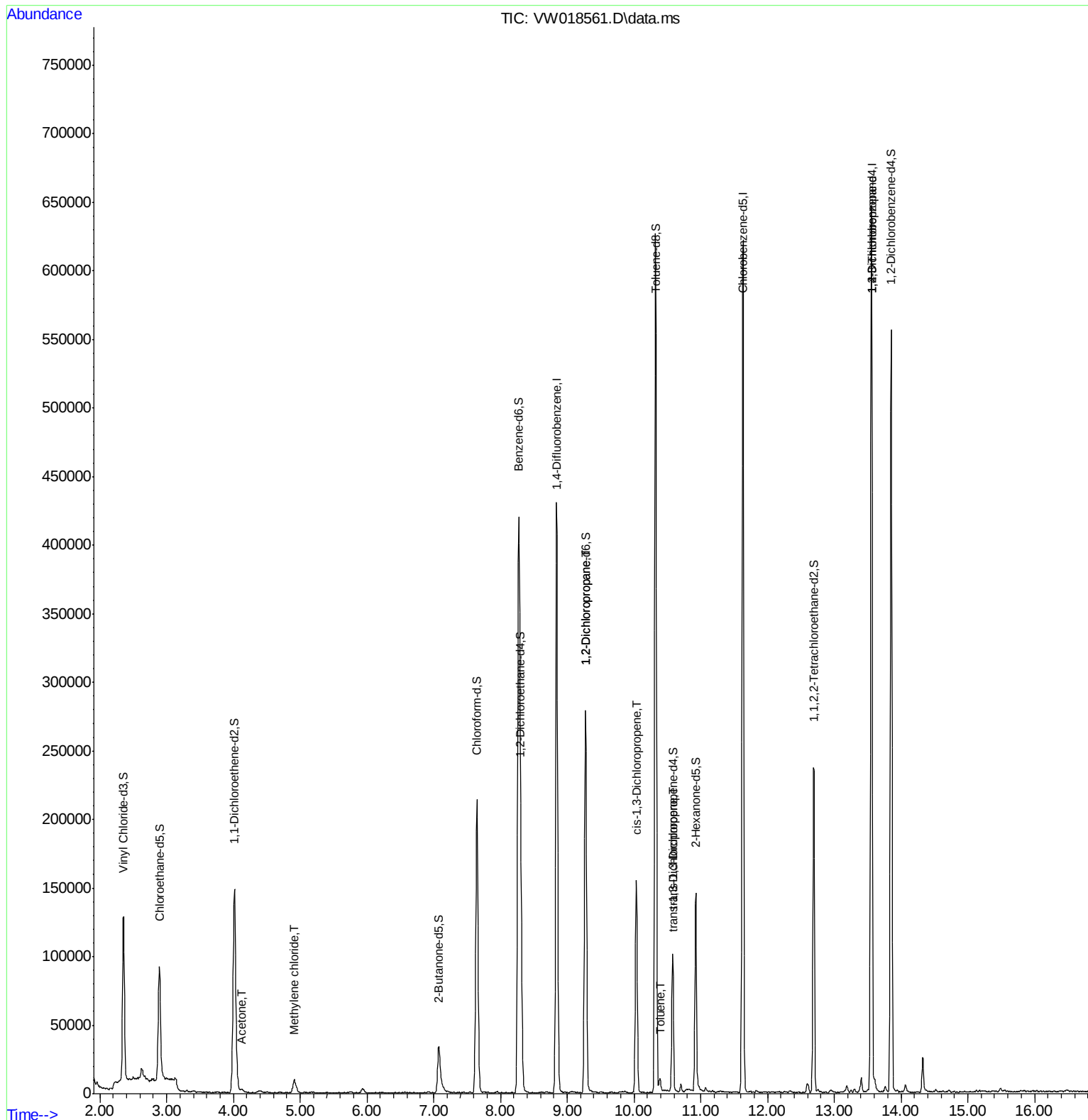
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	358373	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	341734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	163860	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	136210	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.24%
7) Chloroethane-d5	2.891	69	108005	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
10) 1,1-Dichloroethene-d2	4.013	63	153287	17.80	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.20%
20) 2-Butanone-d5	7.067	46	58902	53.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.10%
24) Chloroform-d	7.646	84	212291	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.305	65	133169	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.96%
29) Benzene-d6	8.274	84	421157	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.274	67	120964	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.323	98	403335	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloroprop...	10.579	79	55221	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.926	63	49027	47.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.62%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	114859	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	133231	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%
Target Compounds						
13) Acetone	4.117	43	3535	4.43	ug/L	81
16) Methylene chloride	4.915	84	7049	1.20	ug/L	85
40) 1,2-Dichloropropane	9.274	63	15337	3.17	ug/L #	85
42) cis-1,3-Dichloropropene	10.036	75	4791	0.59	ug/L #	77
44) Toluene	10.390	91	6390	0.28	ug/L	88
45) trans-1,3-Dichloropropene	10.585	75	2899	0.39	ug/L #	79
59) 1,2,3-Trichloropropane	13.560	75	22461	6.37	ug/L	98

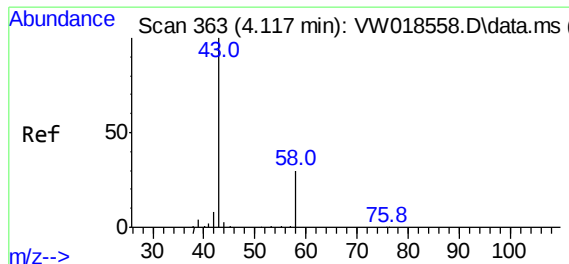
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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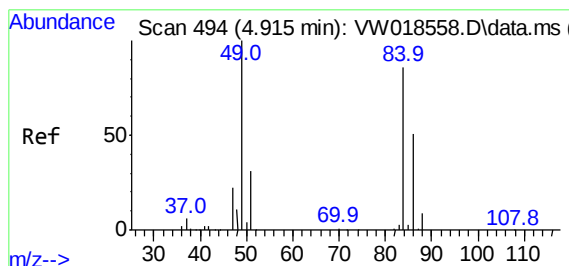
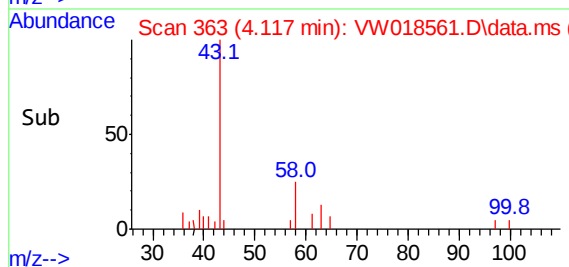
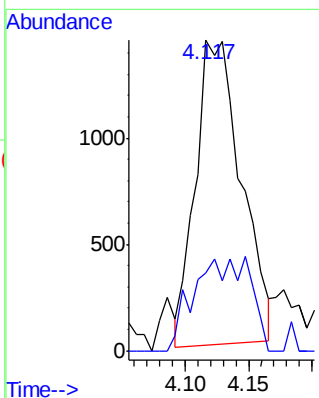
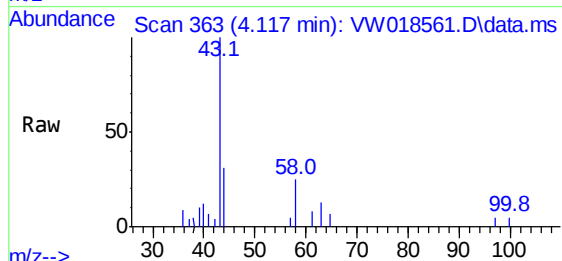




#13
Acetone
Concen: 4.43 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018561.D
Acq: 06 Apr 2021 13:06

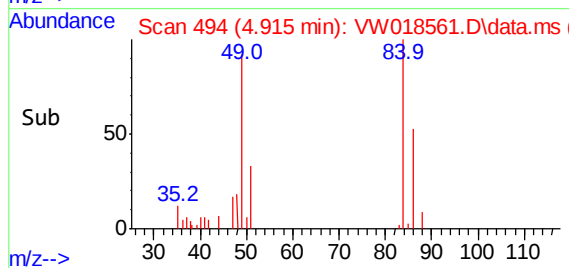
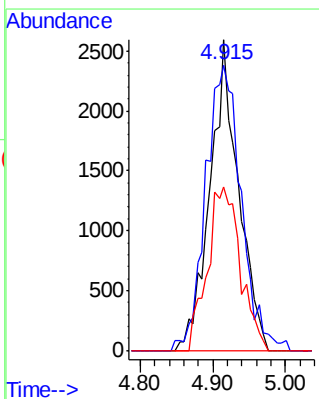
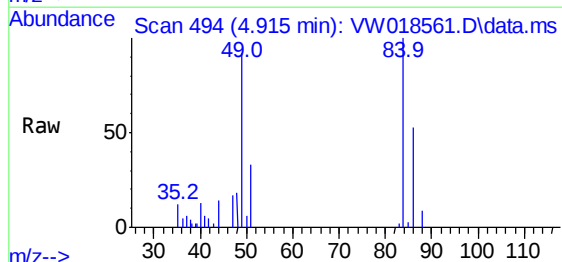
Instrument :
MSVOA_W
ClientSampled :
BG586

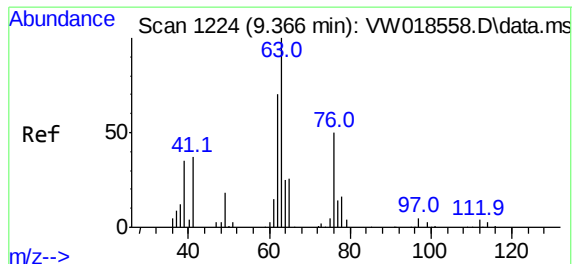
Tgt Ion: 43 Resp: 3535
Ion Ratio Lower Upper
43 100
58 20.7 0.0 62.2



#16
Methylene chloride
Concen: 1.20 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018561.D
Acq: 06 Apr 2021 13:06

Tgt Ion: 84 Resp: 7049
Ion Ratio Lower Upper
84 100
49 91.9 74.4 138.2
86 52.8 46.1 85.7

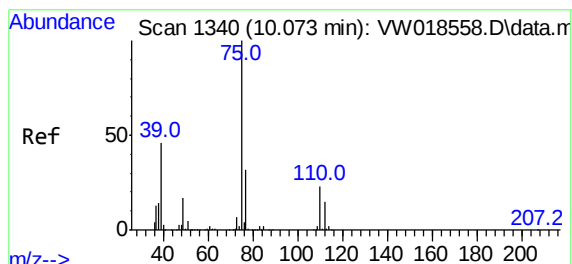
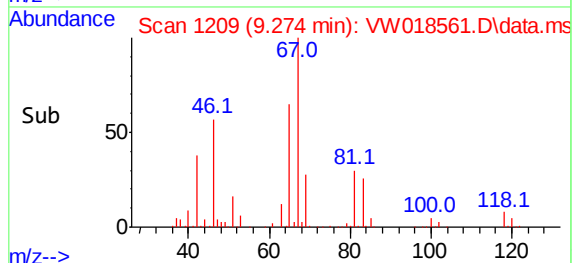
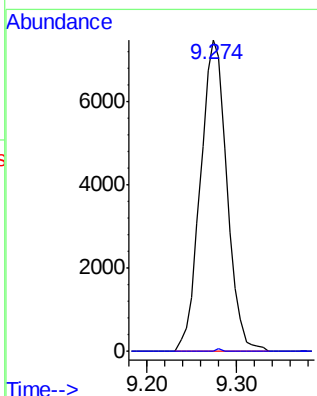
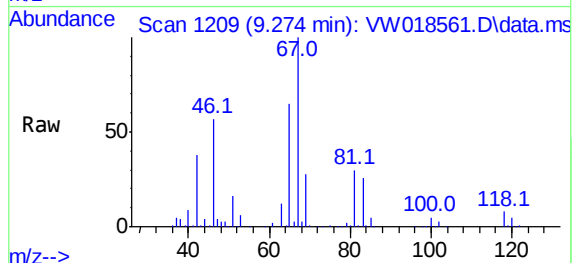




#40
1,2-Dichloropropane
Concen: 3.17 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018561.D
Acq: 06 Apr 2021 13:06

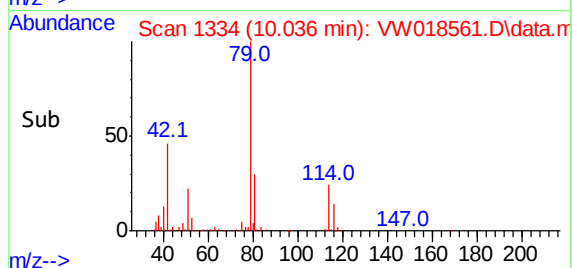
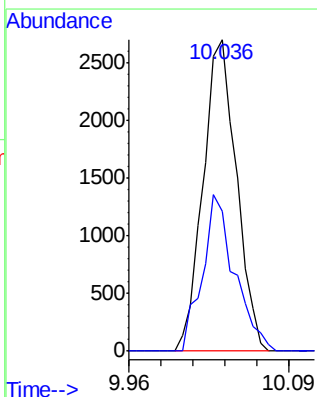
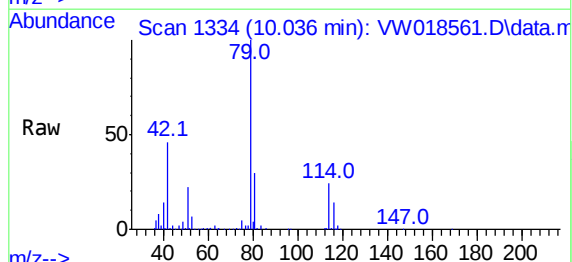
Instrument :
MSVOA_W
ClientSampleId :
BG586

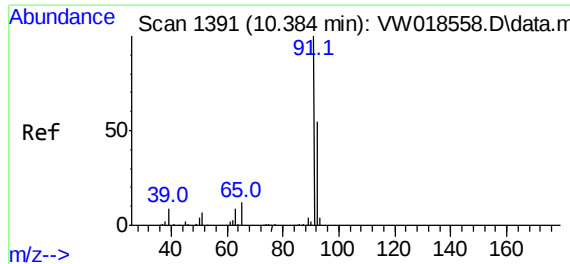
Tgt Ion: 63 Resp: 15337
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018561.D
Acq: 06 Apr 2021 13:06

Tgt Ion: 75 Resp: 4791
Ion Ratio Lower Upper
75 100
77 44.6 22.4 41.6#





#44

Toluene

Concen: 0.28 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018561.D

Acq: 06 Apr 2021 13:06

Instrument :

MSVOA_W

ClientSampleId :

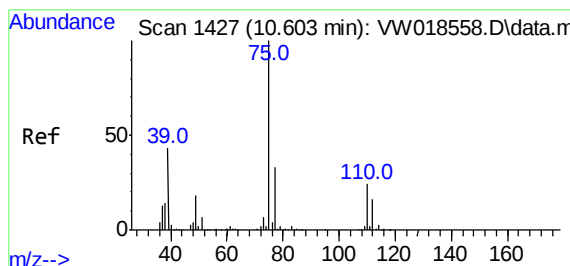
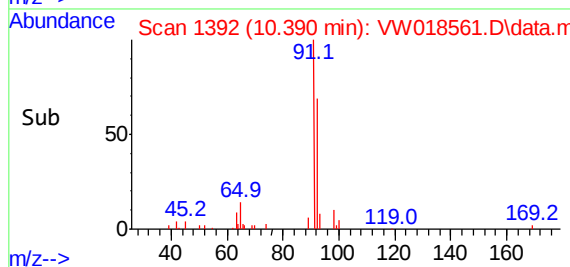
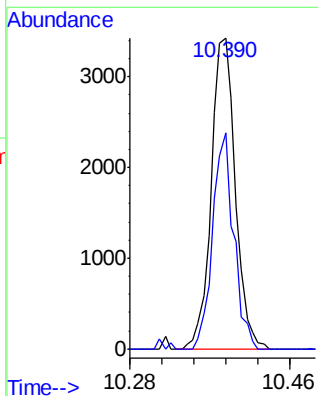
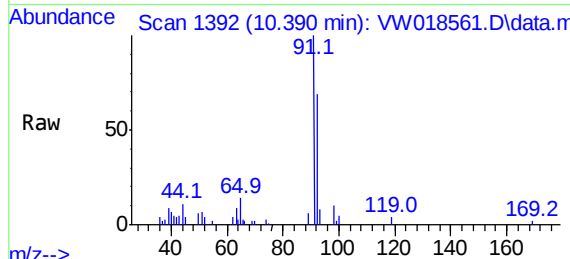
BG586

Tgt Ion: 91 Resp: 6390

Ion Ratio Lower Upper

91 100

92 69.4 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.39 ug/L

RT: 10.585 min Scan# 1424

Delta R.T. -0.019 min

Lab File: VW018561.D

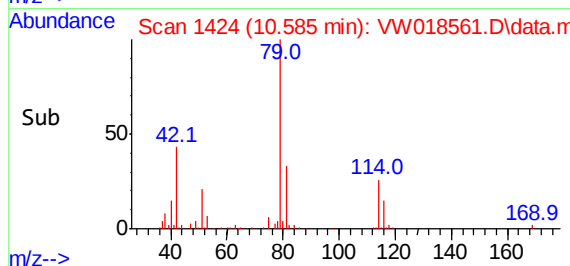
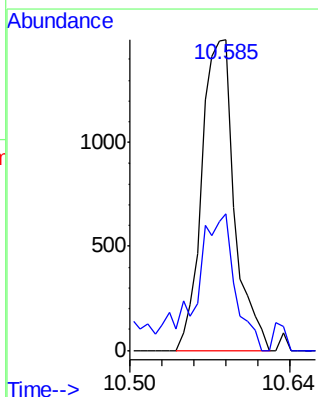
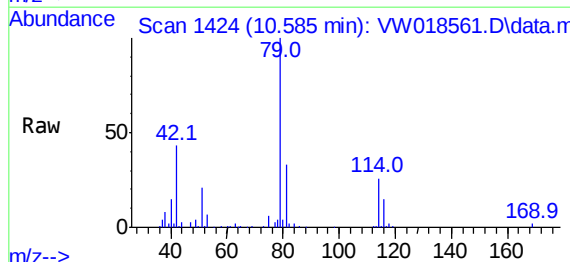
Acq: 06 Apr 2021 13:06

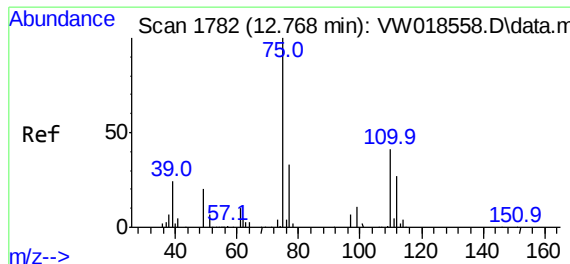
Tgt Ion: 75 Resp: 2899

Ion Ratio Lower Upper

75 100

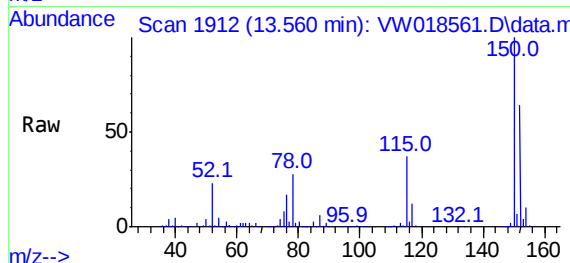
77 44.1 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 6.37 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.792 min
 Lab File: VW018561.D
 Acq: 06 Apr 2021 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BG586



Tgt Ion: 75 Resp: 22461
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.6 38.4

