

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018518.D
 Acq On : 31 Mar 2021 17:35
 Operator : SY/VA
 Sample : M1859-11
 Misc : 5.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG550

Quant Time: Apr 01 02:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

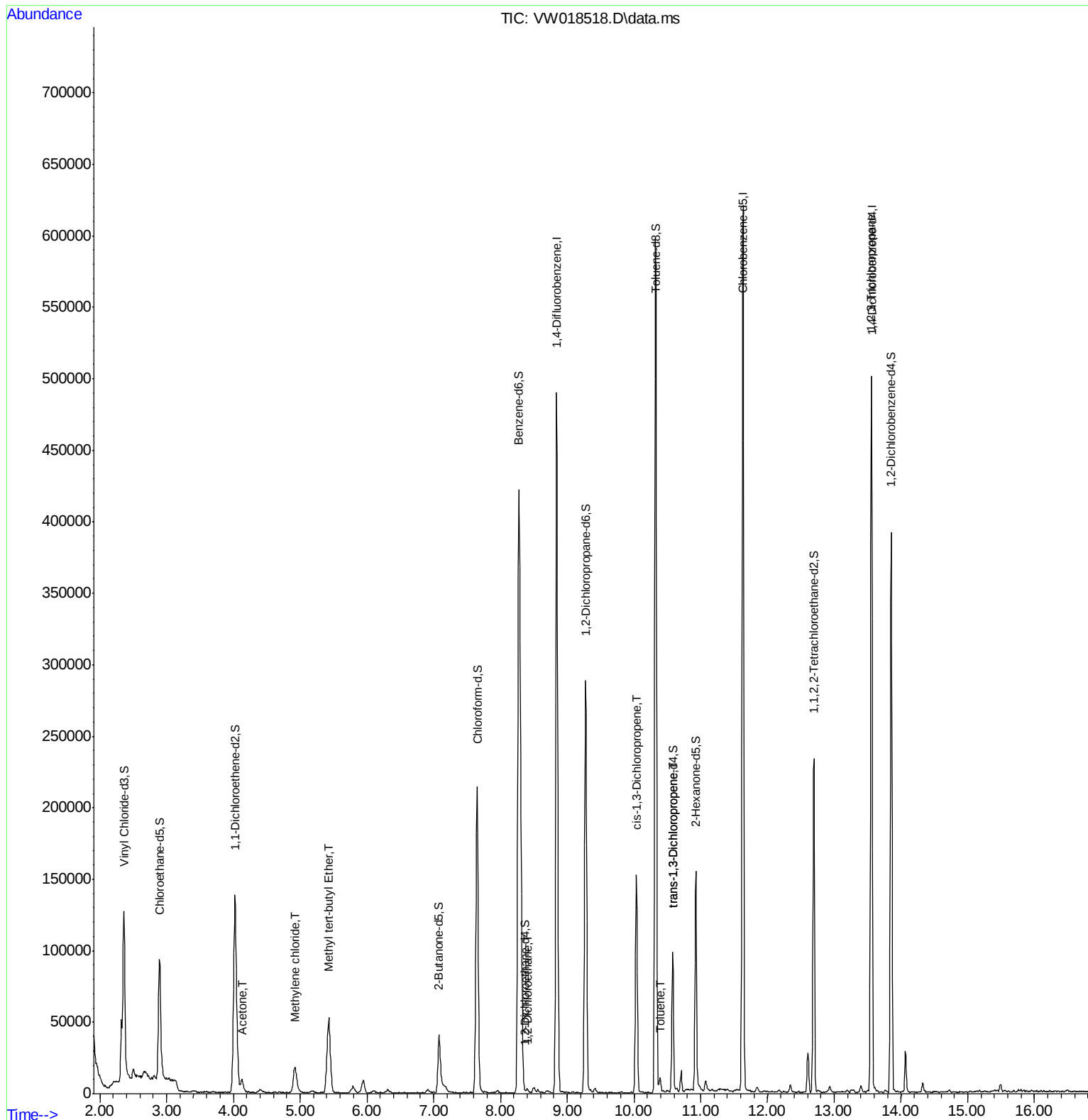
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	331618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	128084	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	143673	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
7) Chloroethane-d5	2.891	69	113088	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
10) 1,1-Dichloroethene-d2	4.019	63	152851	16.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.84%
20) 2-Butanone-d5	7.080	46	66060	54.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.66%
24) Chloroform-d	7.653	84	214363	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.372	65	302	0.05	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.20%#
29) Benzene-d6	8.275	84	425730	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.274	67	124567	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.00%
37) Toluene-d8	10.323	98	396461	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloroprop...	10.579	79	50590	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.927	63	50926	51.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.34%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	109786	24.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.52%
61) 1,2-Dichlorobenzene-d4	13.853	152	93007	20.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.68%
Target Compounds						
13) Acetone	4.129	43	16325	18.69	ug/L	70
16) Methylene chloride	4.922	84	14201	2.21	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	85233	11.84	ug/L #	94
27) 1,2-Dichloroethane	8.403	62	1959	0.28	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	4664	0.59	ug/L #	72
44) Toluene	10.390	91	6192	0.28	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	2812	0.39	ug/L	96
59) 1,2,3-Trichloropropane	13.554	75	17423	5.09	ug/L	93

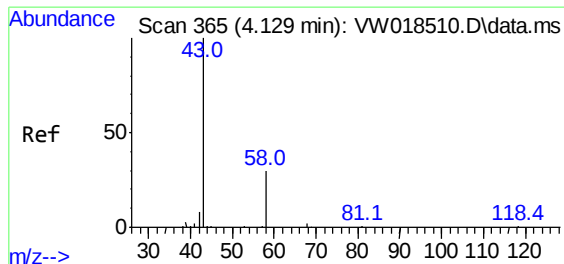
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 01 02:04:50 2021
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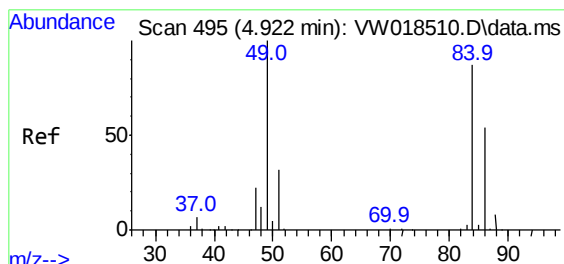
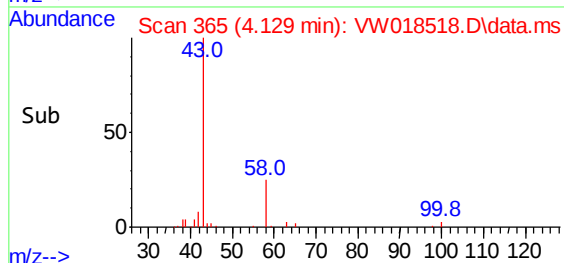
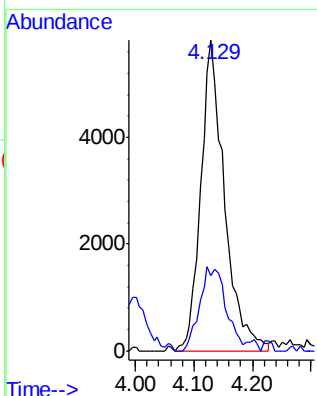
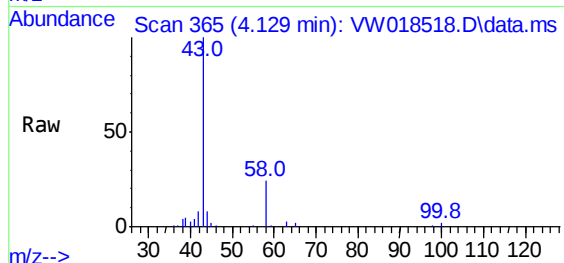




#13
Acetone
Concen: 18.69 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018518.D
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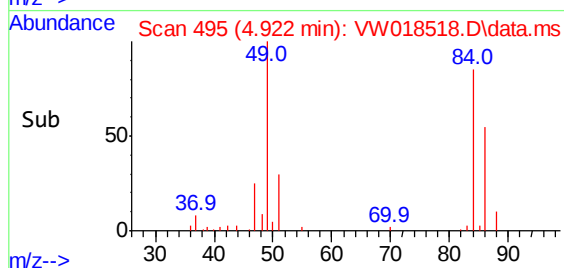
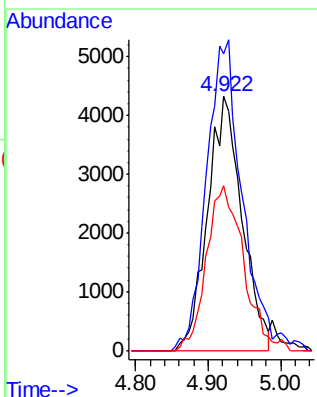
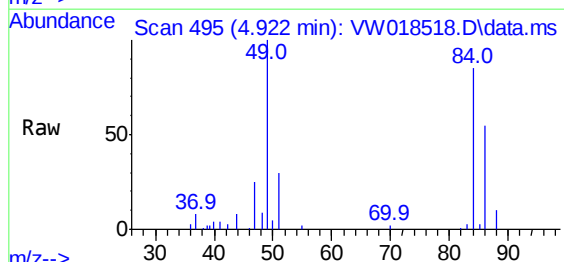
Instrument :
MSVOA_W
ClientSampled :
BG550

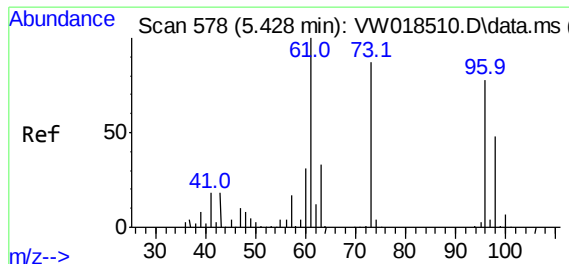
Tgt Ion: 43 Resp: 16325
Ion Ratio Lower Upper
43 100
58 14.5 0.0 62.2



#16
Methylene chloride
Concen: 2.21 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 84 Resp: 14201
Ion Ratio Lower Upper
84 100
49 117.0 74.4 138.2
86 64.7 46.1 85.7

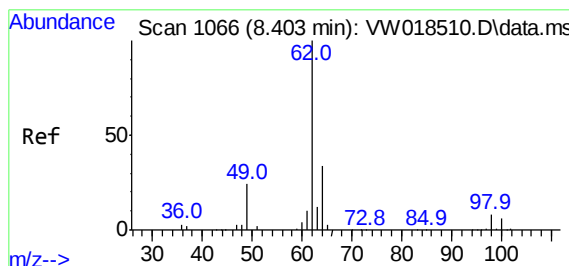
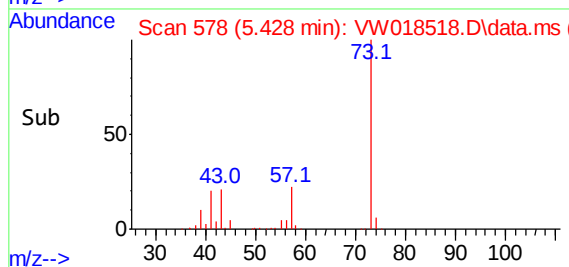
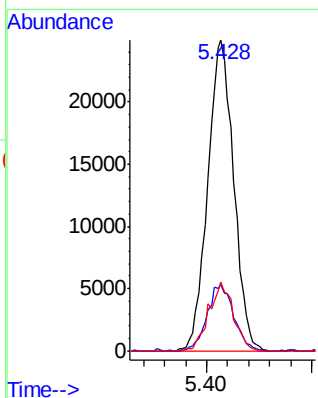
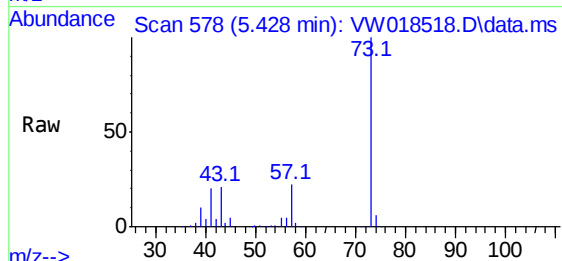




#17
Methyl tert-butyl Ether
Concen: 11.84 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

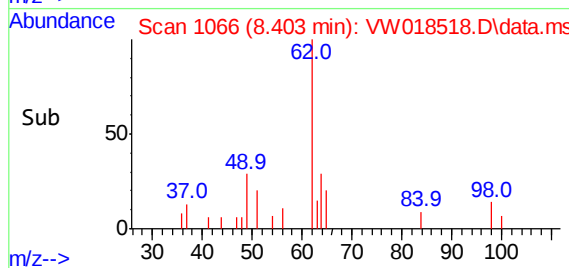
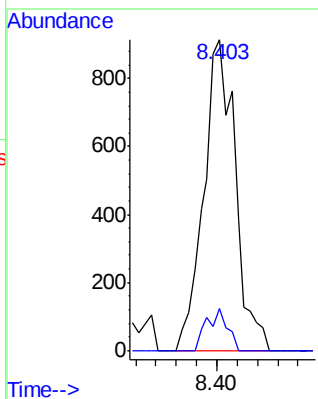
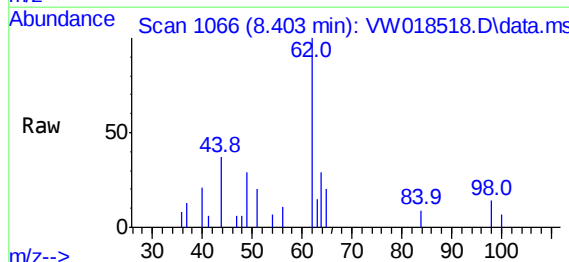
Instrument :
MSVOA_W
ClientSampleId :
BG550

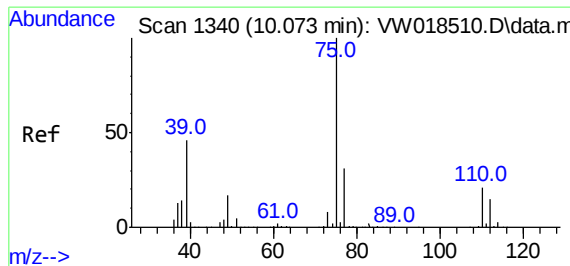
Tgt Ion: 73 Resp: 85233
Ion Ratio Lower Upper
73 100
43 21.9 16.6 24.8
57 15.5 15.9 23.9#



#27
1,2-Dichloroethane
Concen: 0.28 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 62 Resp: 1959
Ion Ratio Lower Upper
62 100
98 13.6 6.4 9.6#

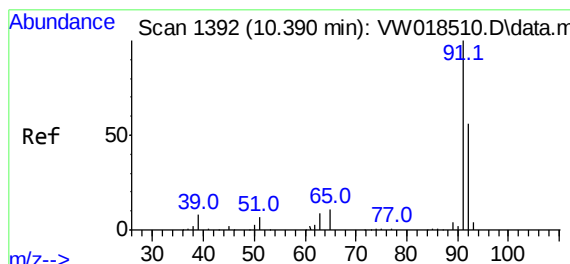
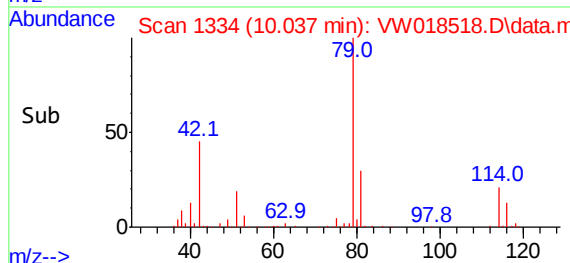
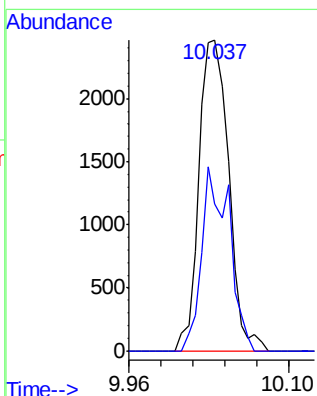
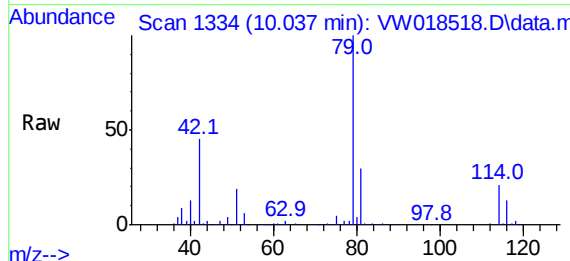




#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

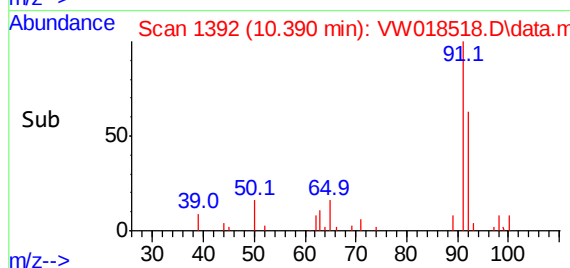
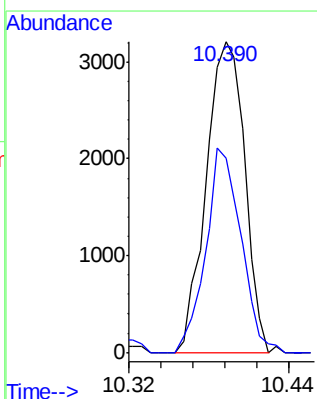
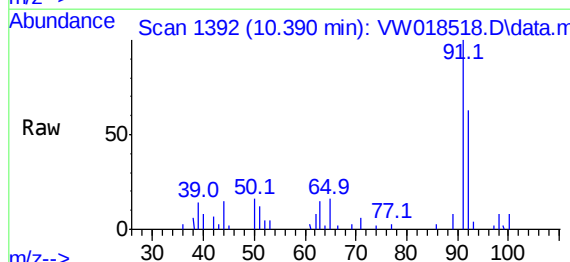
Instrument :
MSVOA_W
ClientSampled :
BG550

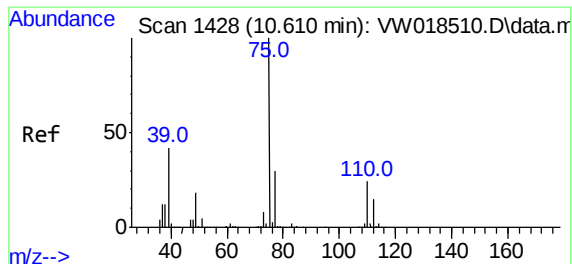
Tgt Ion: 75 Resp: 4664
Ion Ratio Lower Upper
75 100
77 47.4 22.4 41.6#



#44
Toluene
Concen: 0.28 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 91 Resp: 6192
Ion Ratio Lower Upper
91 100
92 62.5 42.3 78.5

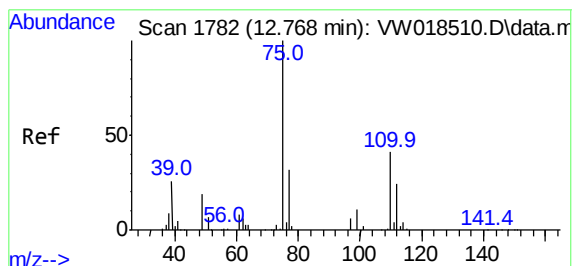
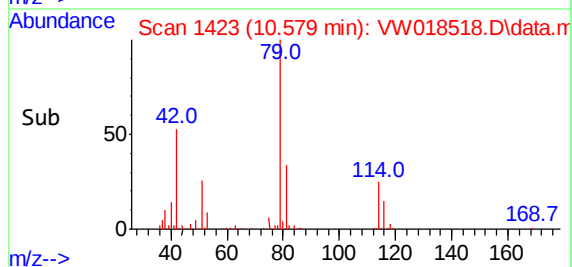
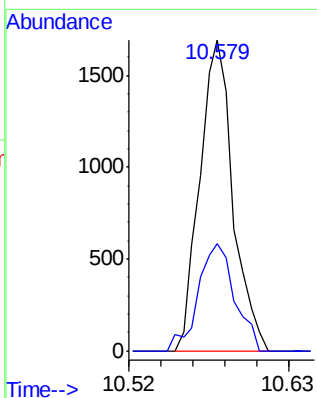
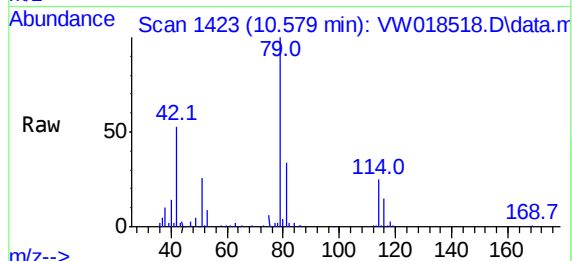




#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.031 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Instrument :
MSVOA_W
ClientSampleId :
BG550

Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
77 34.4 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 5.09 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 75 Resp: 17423
Ion Ratio Lower Upper
75 100
77 35.9 25.6 38.4

