

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018640.D
 Acq On : 13 Apr 2021 14:12
 Operator : SY/VA
 Sample : M2011-04RE
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG784RE

Quant Time: Apr 14 01:27:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

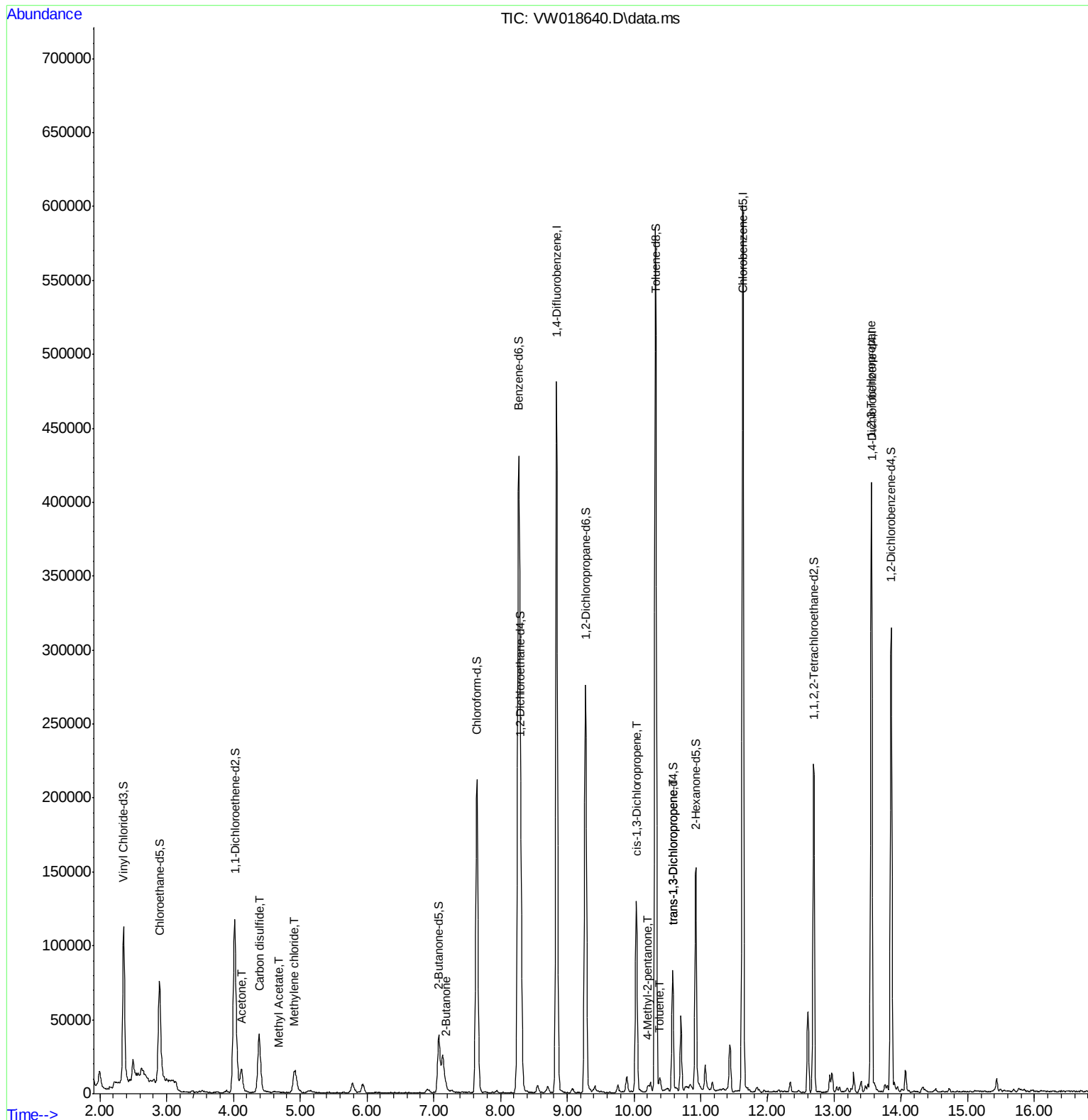
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392521	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	101755	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	123677	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
7) Chloroethane-d5	2.892	69	97117	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.24%
10) 1,1-Dichloroethene-d2	4.019	63	129297	13.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.84%
20) 2-Butanone-d5	7.074	46	67997	55.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.84%
24) Chloroform-d	7.647	84	214198	21.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	8.305	65	134966	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.275	84	420660	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.274	67	124683	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.323	98	385873	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloroprop...	10.579	79	43329	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.52%
39) 2-Hexanone-d5	10.921	63	52283	53.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.32%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	105103	23.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.40%
61) 1,2-Dichlorobenzene-d4	13.853	152	78732	21.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.04%
Target Compounds						
13) Acetone	4.123	43	26385	30.20	ug/L	96
14) Carbon disulfide	4.391	76	60867	4.10	ug/L	96
15) Methyl Acetate	4.678	43	657	0.33	ug/L	99
16) Methylene chloride	4.916	84	13704	2.13	ug/L	92
21) 2-Butanone	7.177	43	3111	2.24	ug/L	91
42) cis-1,3-Dichloropropene	10.037	75	3776	0.49	ug/L	85
43) 4-Methyl-2-pentanone	10.207	43	2437	0.88	ug/L #	86
44) Toluene	10.384	91	6747	0.32	ug/L	92
45) trans-1,3-Dichloropropene	10.579	75	2269	0.32	ug/L #	63
59) 1,2,3-Trichloropropane	13.554	75	14240	4.25	ug/L	95

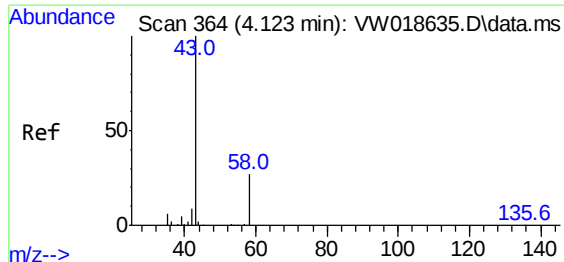
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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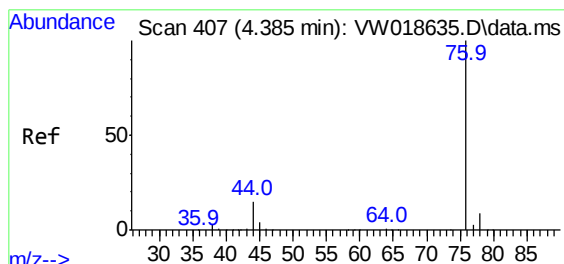
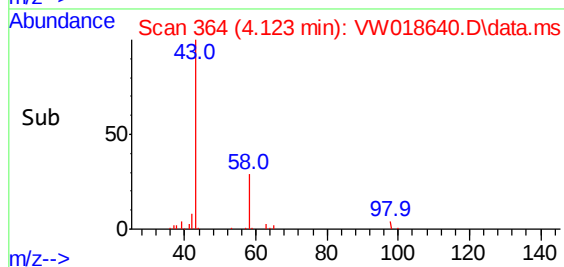
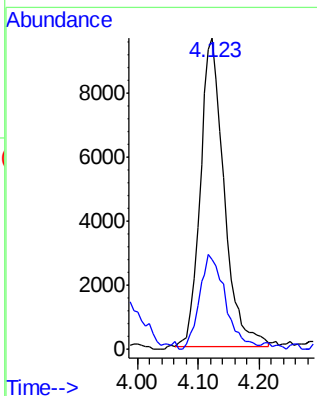
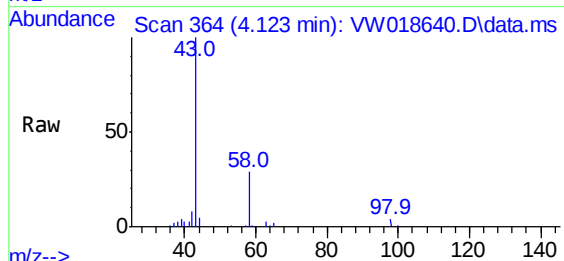




#13
Acetone
Concen: 30.20 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

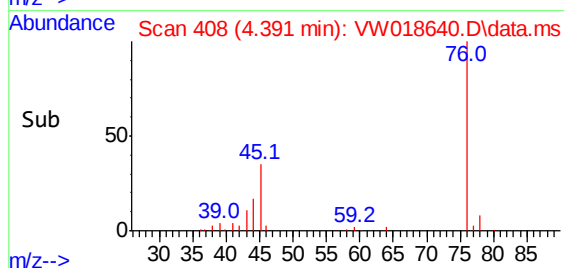
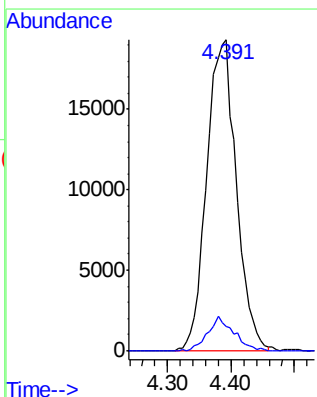
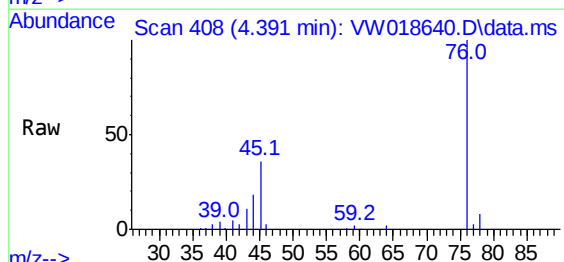
Instrument :
MSVOA_W
ClientSampled :
BG784RE

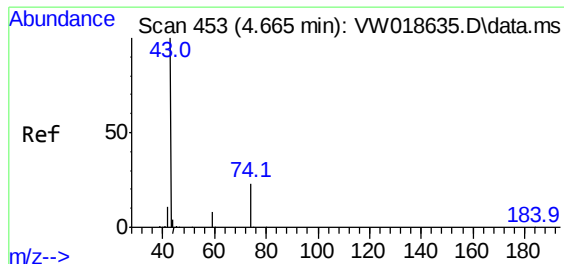
Tgt Ion: 43 Resp: 26385
Ion Ratio Lower Upper
43 100
58 33.2 0.0 62.2



#14
Carbon disulfide
Concen: 4.10 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 76 Resp: 60867
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

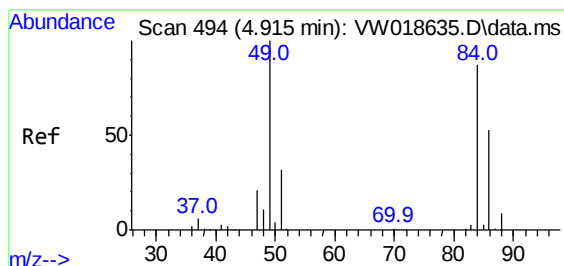
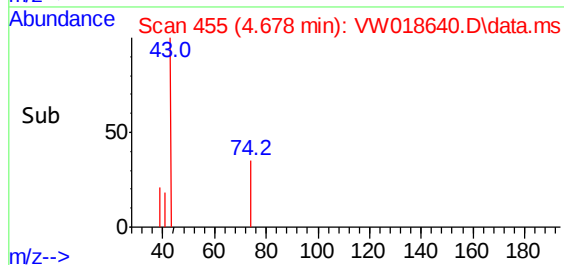
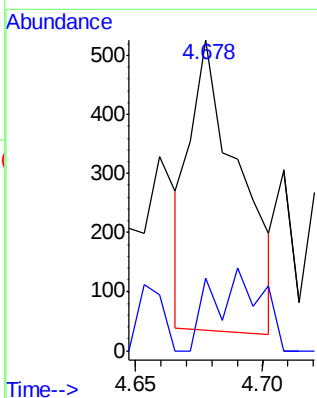
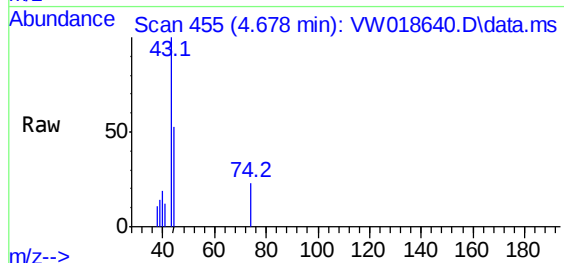




#15
Methyl Acetate
Concen: 0.33 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.013 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

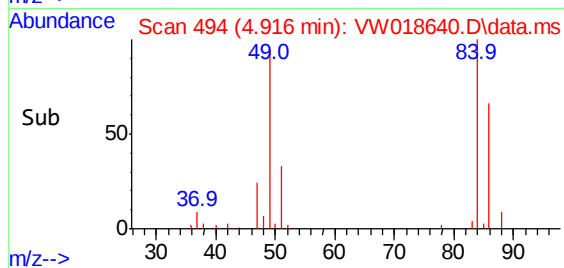
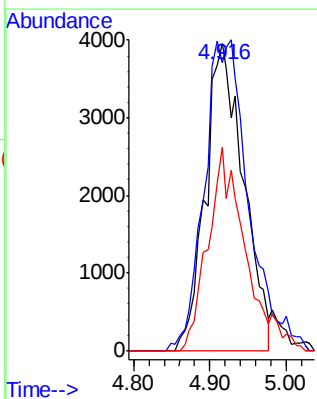
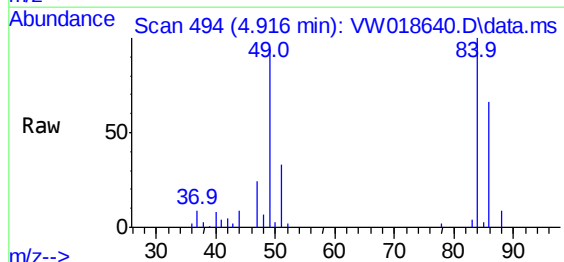
Instrument :
MSVOA_W
ClientSampleId :
BG784RE

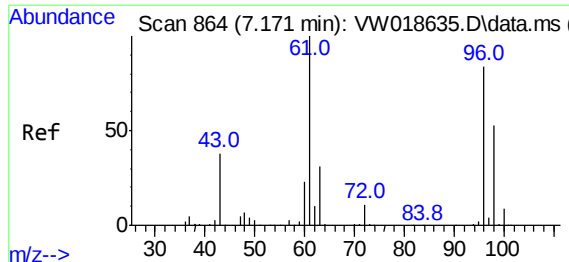
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 27.9 22.9 34.3



#16
Methylene chloride
Concen: 2.13 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 84 Resp: 13704
Ion Ratio Lower Upper
84 100
49 93.8 74.4 138.2
86 66.3 46.1 85.7

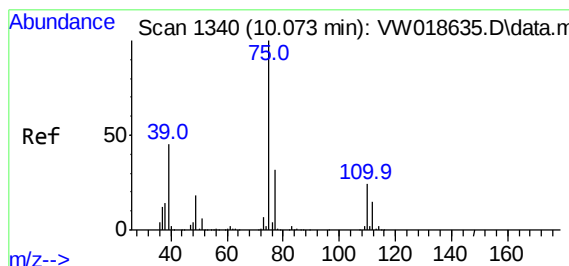
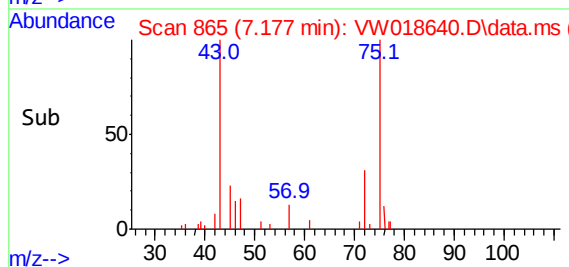
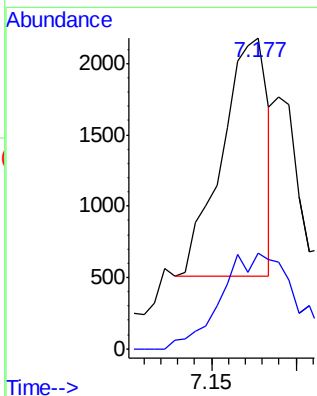
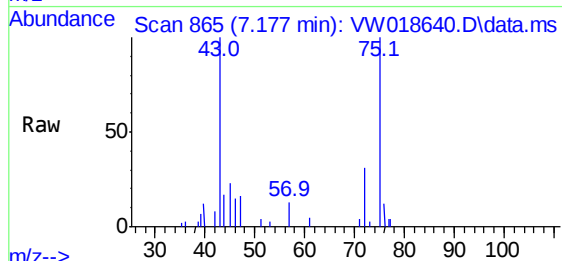




#21
2-Butanone
Concen: 2.24 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

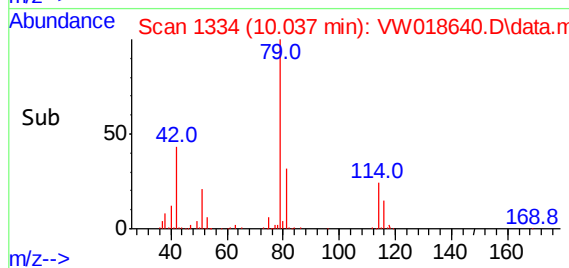
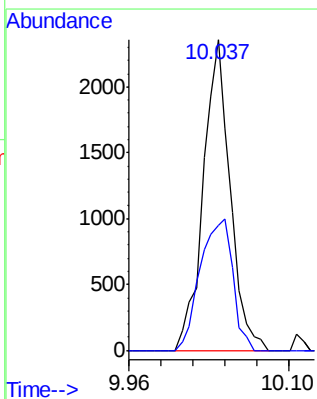
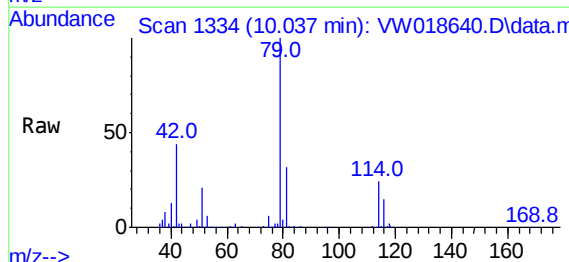
Instrument :
MSVOA_W
ClientSampled :
BG784RE

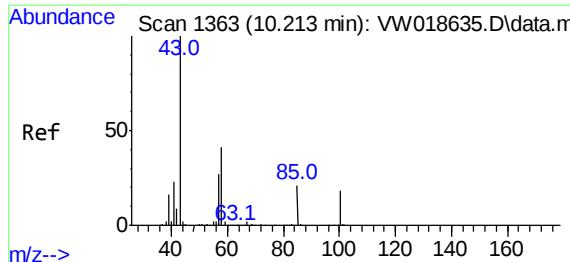
Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
72 28.1 16.5 49.5



#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 75 Resp: 3776
Ion Ratio Lower Upper
75 100
77 40.4 22.4 41.6



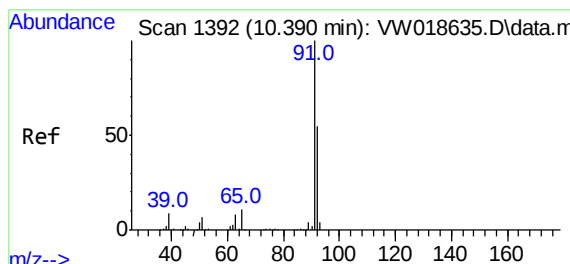
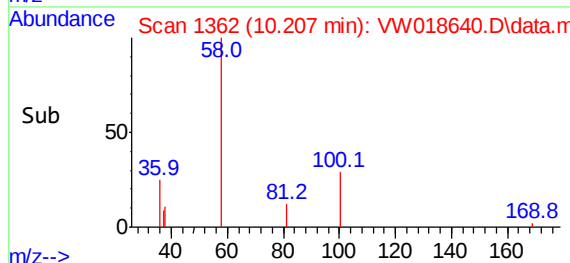
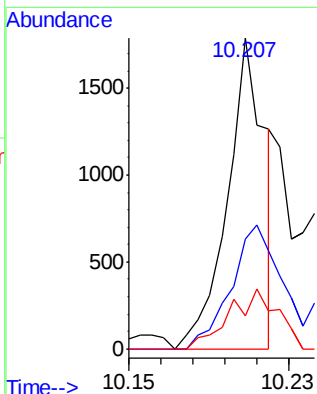
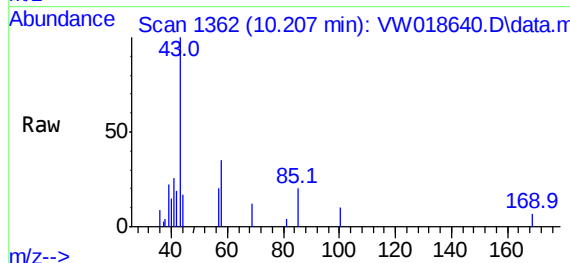


#43
4-Methyl-2-pentanone
Concen: 0.88 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Instrument :
MSVOA_W
ClientSampleID :
BG784RE

Tgt Ion: 43 Resp: 2437

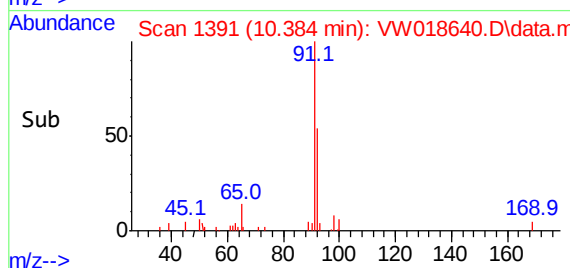
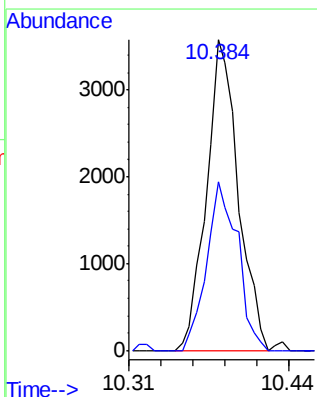
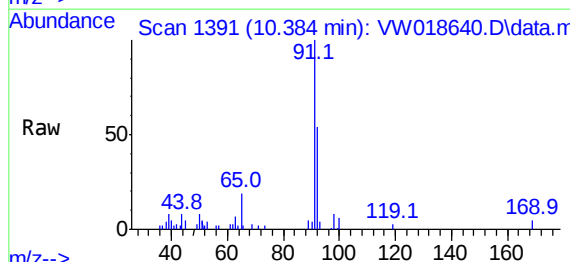
Ion	Ratio	Lower	Upper
43	100		
58	53.3	34.8	52.2#
100	24.8	15.9	23.9#

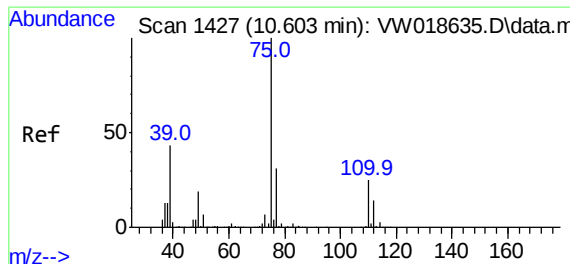


#44
Toluene
Concen: 0.32 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 91 Resp: 6747

Ion	Ratio	Lower	Upper
91	100		
92	54.3	42.3	78.5

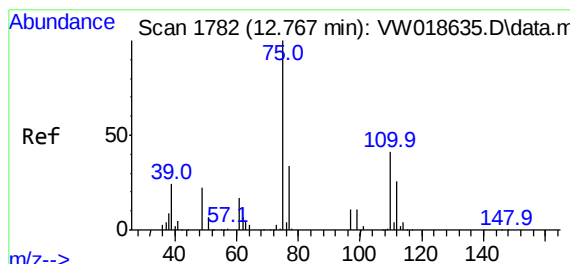
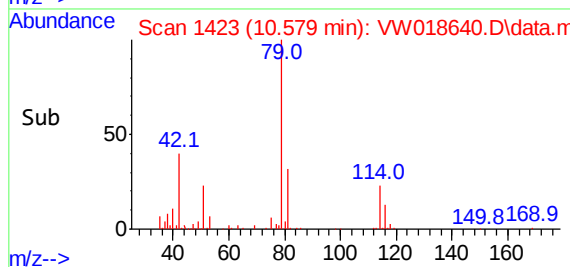
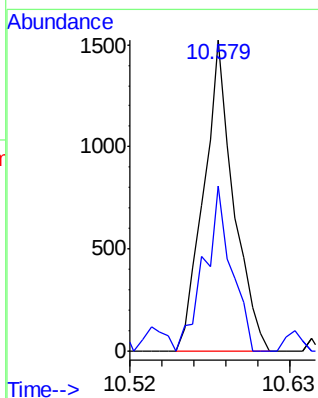
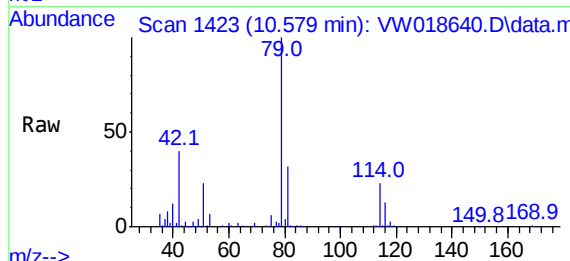




#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Instrument :
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BG784RE

Tgt Ion: 75 Resp: 2269
Ion Ratio Lower Upper
75 100
77 53.0 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 4.25 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 75 Resp: 14240
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4

