

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018641.D
 Acq On : 13 Apr 2021 14:36
 Operator : SY/VA
 Sample : M2011-12RE
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG792RE

Quant Time: Apr 14 01:27:41 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)

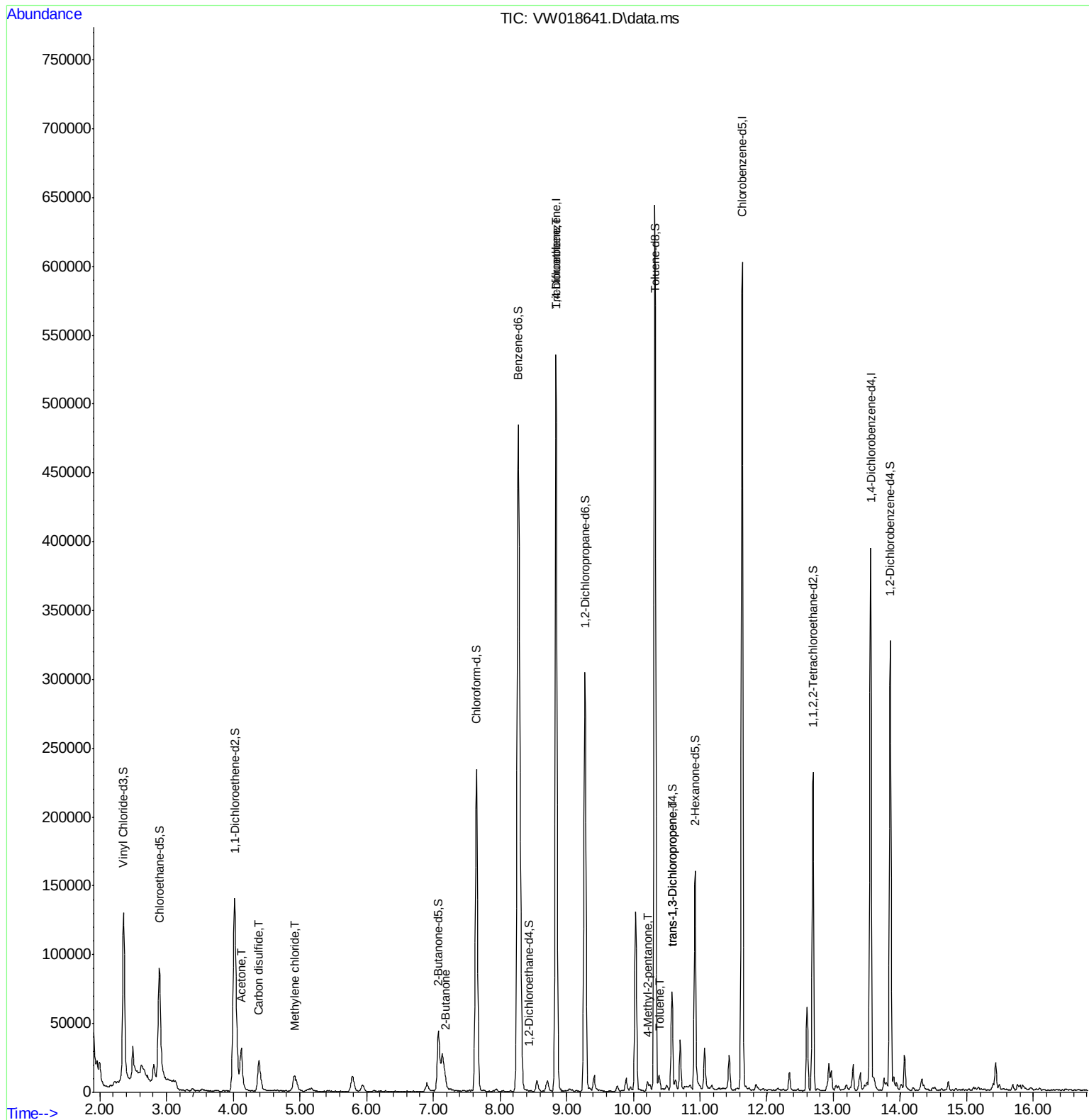
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	99179	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154897	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.891	69	119184	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.019	63	163423	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	7.080	46	72477	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	7.647	84	236684	21.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	8.439	65	66	0.01	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.275	84	472779	27.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.48%
33) 1,2-Dichloropropane-d6	9.274	67	132991	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.80%
37) Toluene-d8	10.323	98	426073	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.52%
38) trans-1,3-Dichloroprop...	10.579	79	38843	14.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.92%
39) 2-Hexanone-d5	10.927	63	52280	53.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	110218	24.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	80128	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%
Target Compounds						
13) Acetone	4.123	43	49915	51.11	ug/L	95
14) Carbon disulfide	4.385	76	6906	0.42	ug/L #	94
16) Methylene chloride	4.922	84	6600	0.92	ug/L	93
21) 2-Butanone	7.177	43	12522	8.07	ug/L	86
35) Trichloroethene	8.842	95	13739	2.62	ug/L #	6
43) 4-Methyl-2-pentanone	10.213	43	4701	1.68	ug/L #	89
44) Toluene	10.390	91	6861	0.32	ug/L	86
45) trans-1,3-Dichloropropene	10.579	75	2136	0.30	ug/L #	72

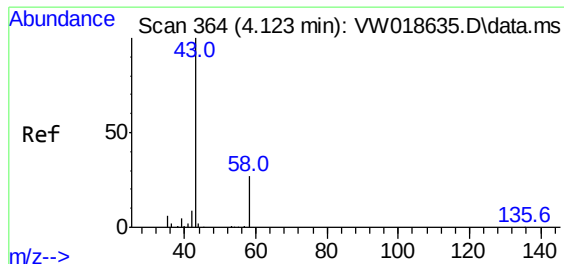
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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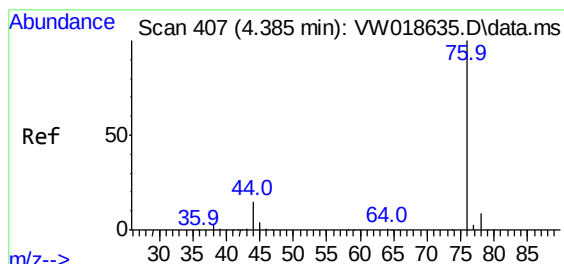
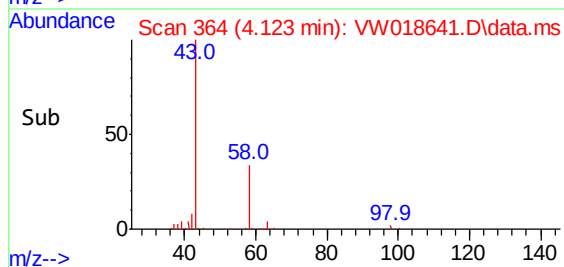
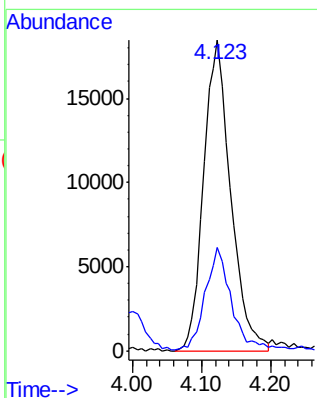
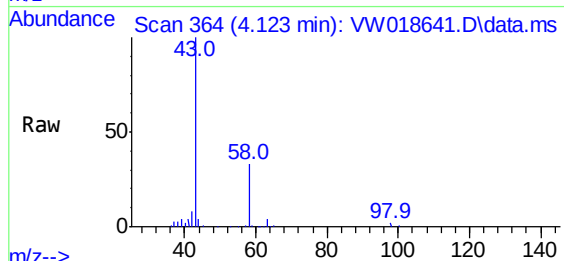




#13
Acetone
Concen: 51.11 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

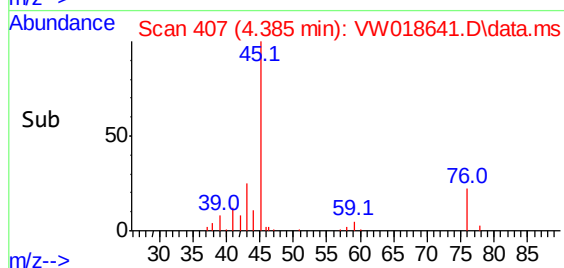
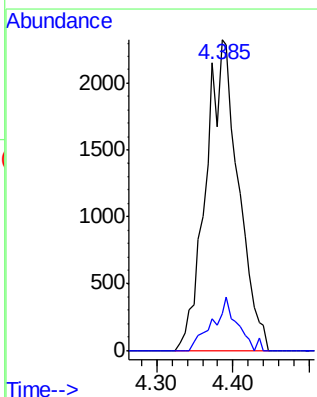
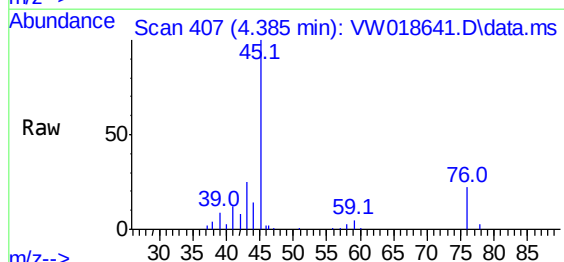
Instrument :
MSVOA_W
ClientSampled :
BG792RE

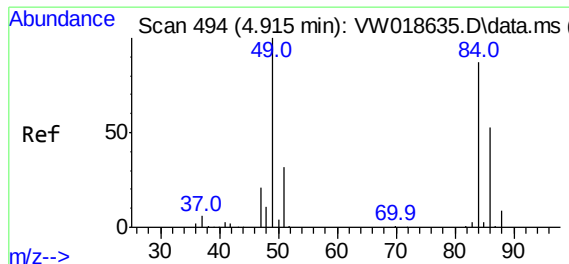
Tgt Ion: 43 Resp: 49915
Ion Ratio Lower Upper
43 100
58 28.2 0.0 62.2



#14
Carbon disulfide
Concen: 0.42 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 76 Resp: 6906
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.2#



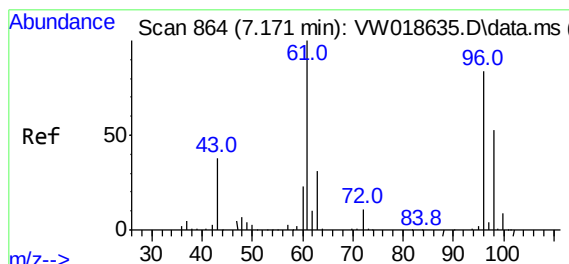
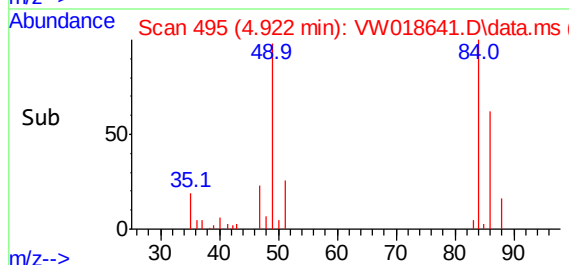
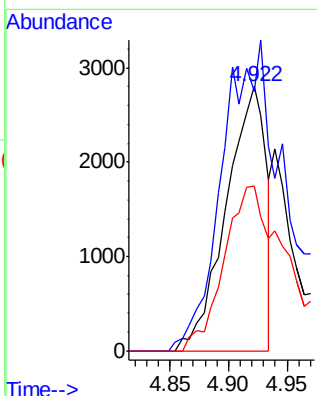
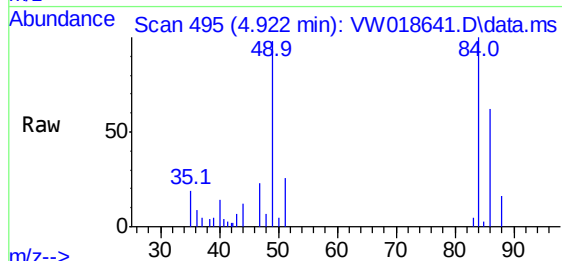


#16
Methylene chloride
Concen: 0.92 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Instrument :
MSVOA_W
ClientSampled :
BG792RE

Tgt Ion: 84 Resp: 6600

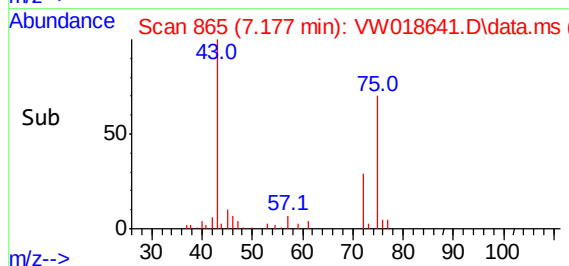
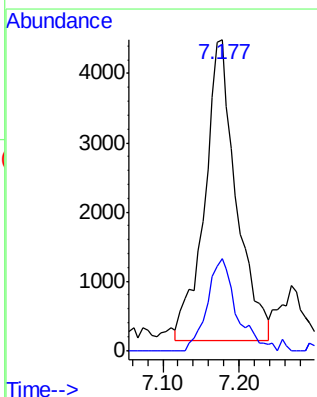
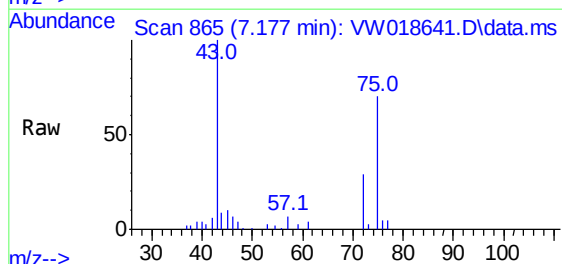
Ion	Ratio	Lower	Upper
84	100		
49	98.3	74.4	138.2
86	62.1	46.1	85.7

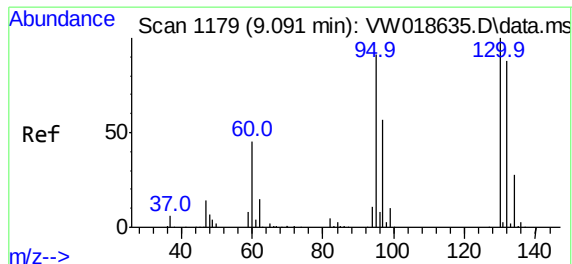


#21
2-Butanone
Concen: 8.07 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 43 Resp: 12522

Ion	Ratio	Lower	Upper
43	100		
72	25.2	16.5	49.5



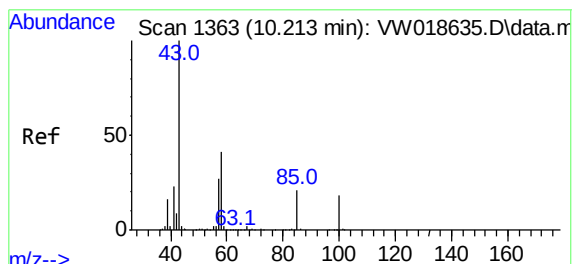
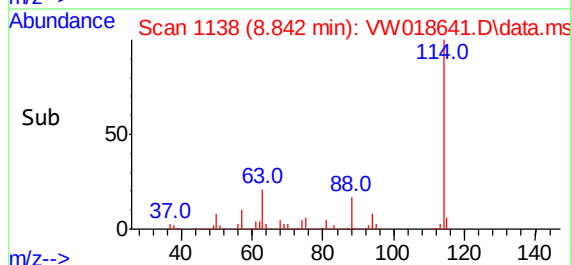
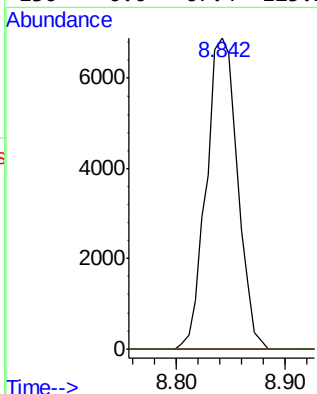
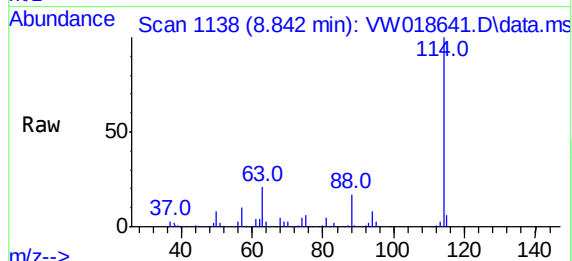


#35
Trichloroethene
Concen: 2.62 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :
BG792RE

Tgt Ion: 95 Resp: 13739

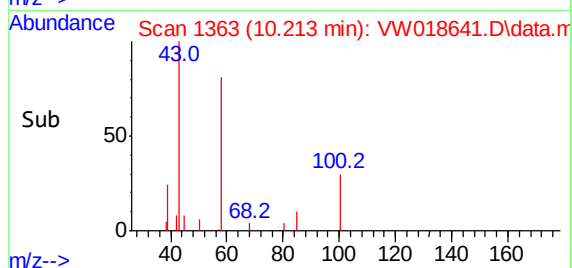
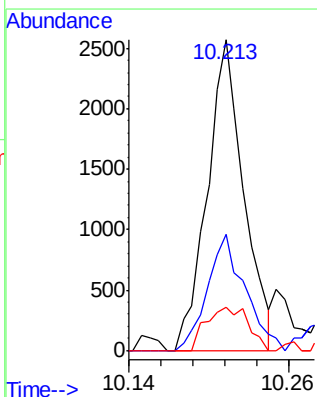
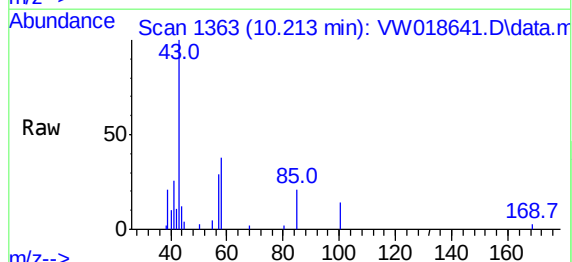
Ion	Ratio	Lower	Upper
95	100		
97	0.4	44.4	82.4#
132	0.3	65.9	122.5#
130	0.0	67.4	125.2#

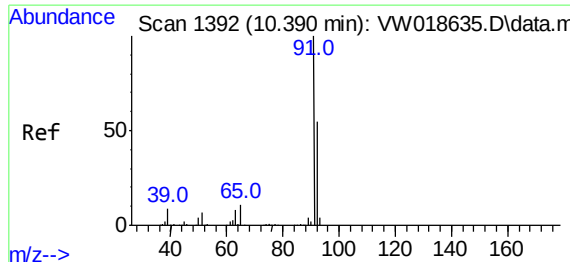


#43
4-Methyl-2-pentanone
Concen: 1.68 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 43 Resp: 4701

Ion	Ratio	Lower	Upper
43	100		
58	38.5	34.8	52.2
100	11.2	15.9	23.9#





#44

Toluene

Concen: 0.32 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018641.D

Acq: 13 Apr 2021 14:36

Instrument :

MSVOA_W

ClientSampleId :

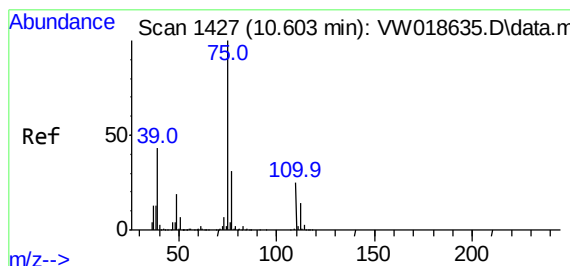
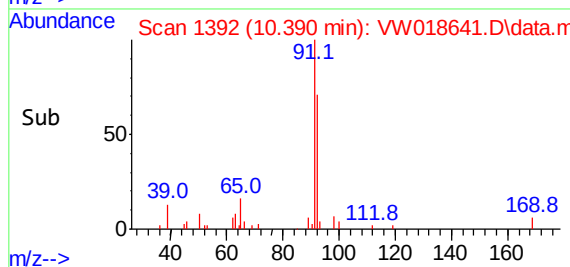
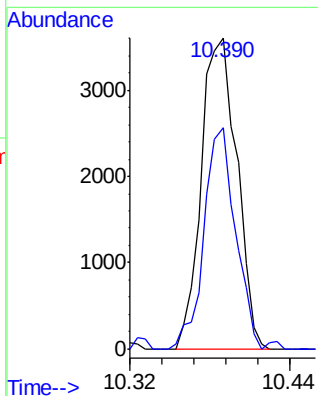
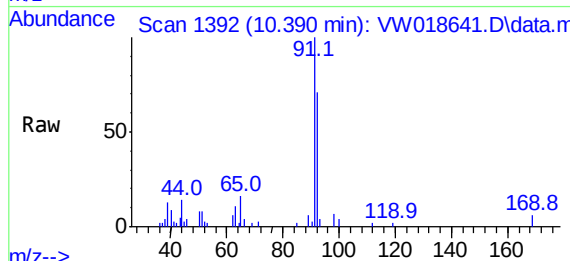
BG792RE

Tgt Ion: 91 Resp: 6861

Ion Ratio Lower Upper

91 100

92 71.0 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.30 ug/L

RT: 10.579 min Scan# 1423

Delta R.T. -0.024 min

Lab File: VW018641.D

Acq: 13 Apr 2021 14:36

Tgt Ion: 75 Resp: 2136

Ion Ratio Lower Upper

75 100

77 47.9 22.6 42.0#

