

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020323.D
 Acq On : 06 Oct 2021 19:23
 Operator : SY/VA
 Sample : M4001-07
 Misc : 6.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW920

Quant Time: Oct 07 01:54:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

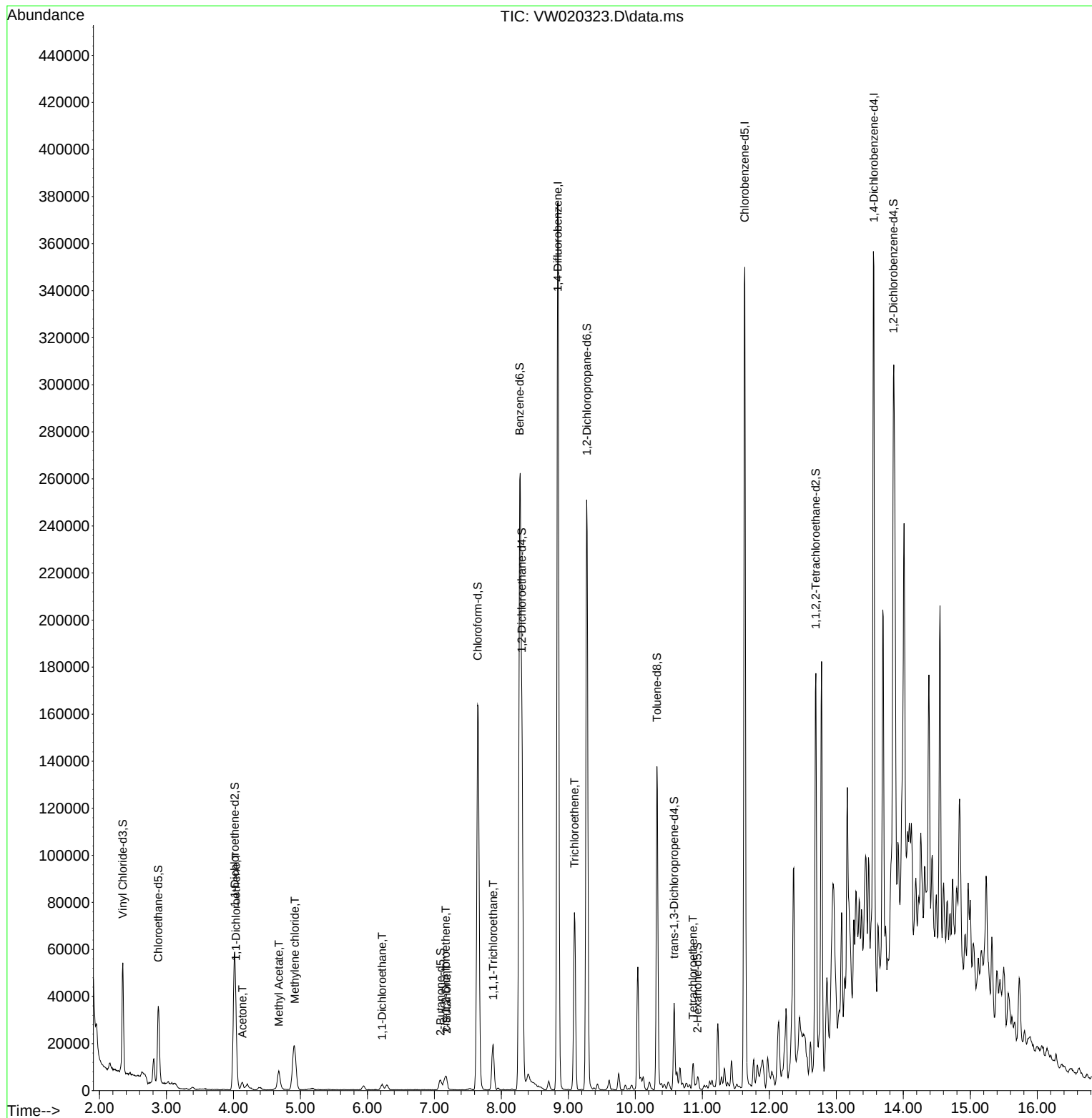
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	290010	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	183355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	72892	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43933	10.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.960%
7) Chloroethane-d5	2.879	69	36753	21.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	4.019	63	59141	7.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	28.760%#
21) 2-Butanone-d5	7.092	46	8360	8.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.460%#
24) Chloroform-d	7.647	84	165499	19.874	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.480%
26) 1,2-Dichloroethane-d4	8.305	65	102734	22.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.160%
32) Benzene-d6	8.274	84	256853	23.137	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	9.274	67	113917	32.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.400%#
41) Toluene-d8	10.323	98	82099	8.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	32.680%
43) trans-1,3-Dichloroprop...	10.579	79	19384	13.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.120%
47) 2-Hexanone-d5	10.926	63	795	1.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.260%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	76161	30.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.960%#
66) 1,2-Dichlorobenzene-d4	13.853	152	44222	17.325	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.320%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.037	96	1301	0.322	ug/L	# 1
13) Acetone	4.135	43	5916	5.668	ug/L	99
15) Methyl Acetate	4.678	43	16090	8.434	ug/L	98
16) Methylene chloride	4.915	84	9145	1.766	ug/L	93
19) 1,1-Dichloroethane	6.220	63	3547	0.422	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	1916	0.444	ug/L	96
22) 2-Butanone	7.183	43	5483	4.272	ug/L	79
30) 1,1,1-Trichloroethane	7.878	97	14804	3.366	ug/L	98
34) Trichloroethene	9.091	95	25916	8.262	ug/L	97
46) Tetrachloroethene	10.859	164	2141	0.927	ug/L	90

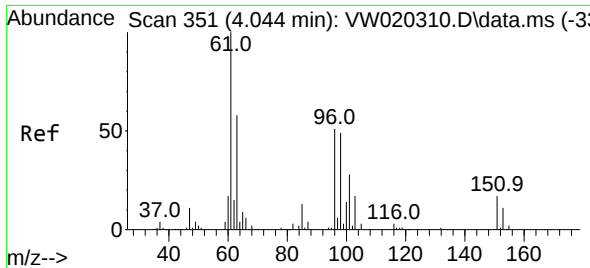
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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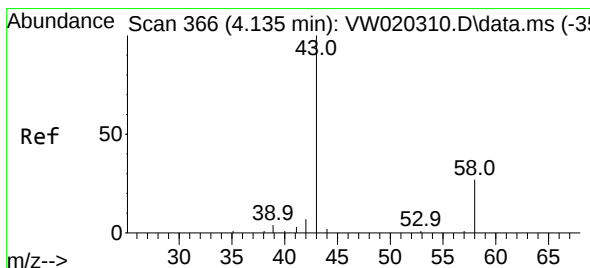
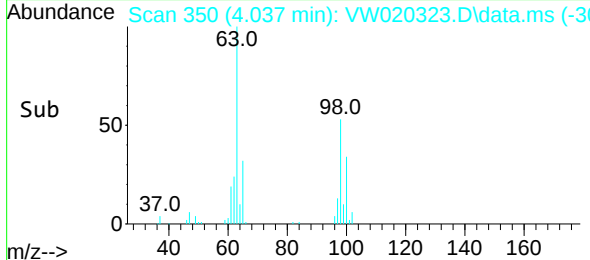
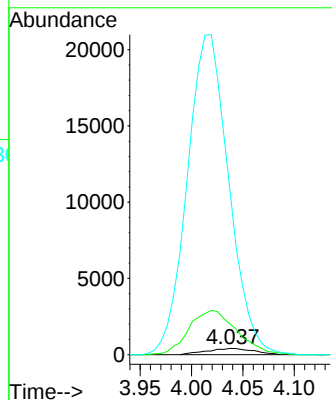
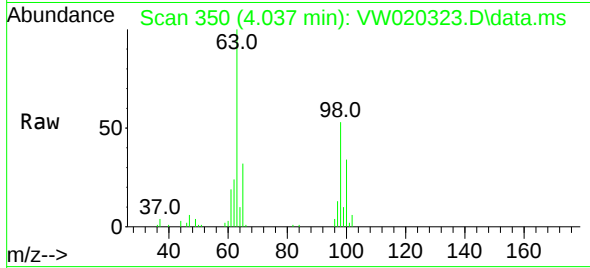




#12
1,1-Dichloroethene
Concen: 0.322 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW020323.D
Acq: 06 Oct 2021 19:23

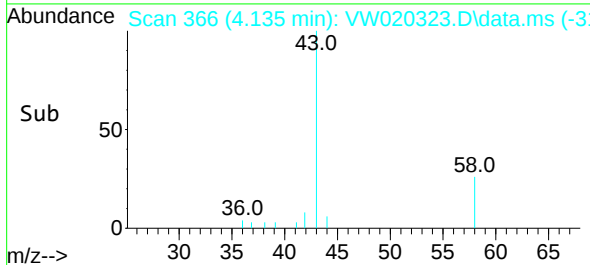
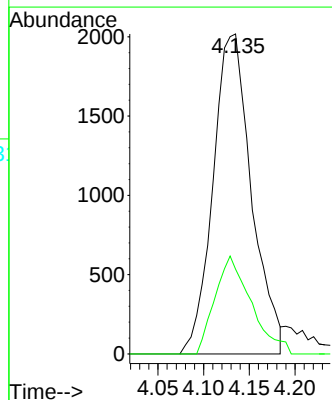
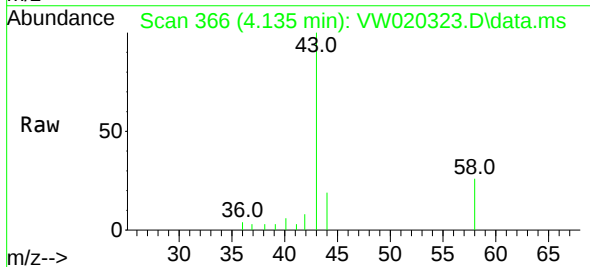
Instrument :
MSVOA_W
ClientSampled :
EW920

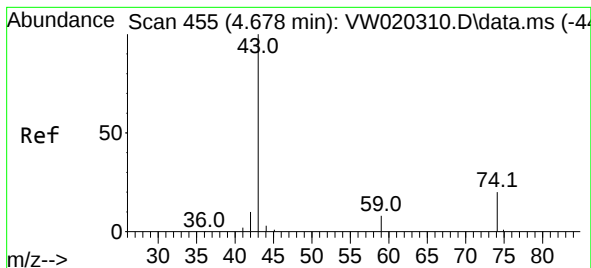
Tgt Ion: 96 Resp: 1301
Ion Ratio Lower Upper
96 100
61 493.1 133.9 248.7#
63 2646.6 77.3 143.7#



#13
Acetone
Concen: 5.668 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW020323.D
Acq: 06 Oct 2021 19:23

Tgt Ion: 43 Resp: 5916
Ion Ratio Lower Upper
43 100
58 28.7 0.0 58.4





#15

Methyl Acetate

Concen: 8.434 ug/L

RT: 4.678 min Scan# 455

Delta R.T. -0.000 min

Lab File: VW020323.D

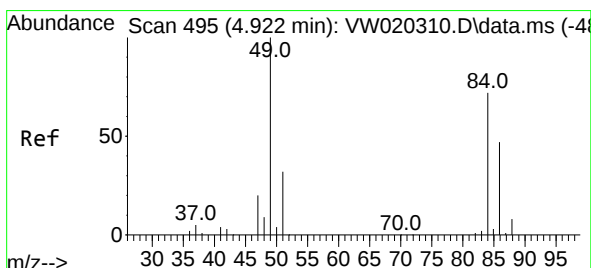
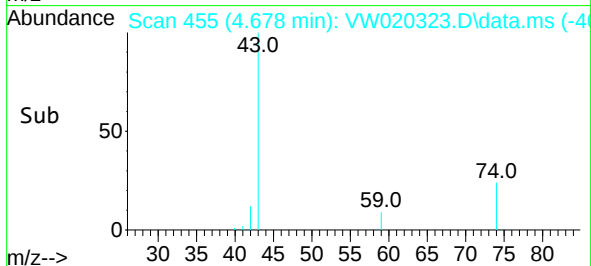
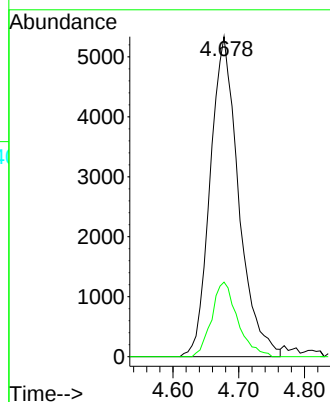
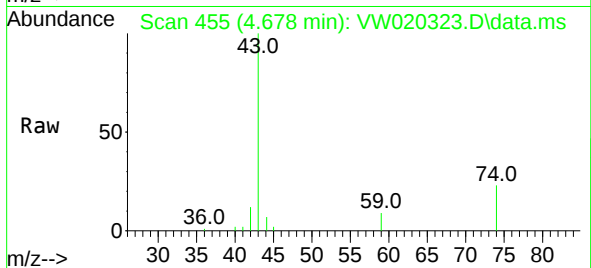
Acq: 06 Oct 2021 19:23

Tgt Ion: 43 Resp: 16090

Ion Ratio Lower Upper

43 100

74 21.2 16.1 24.1



#16

Methylene chloride

Concen: 1.766 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.006 min

Lab File: VW020323.D

Acq: 06 Oct 2021 19:23

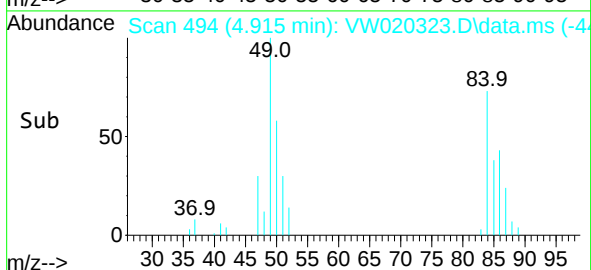
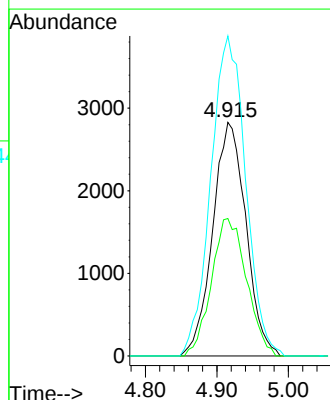
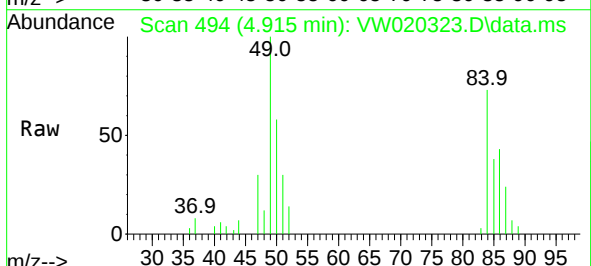
Tgt Ion: 84 Resp: 9145

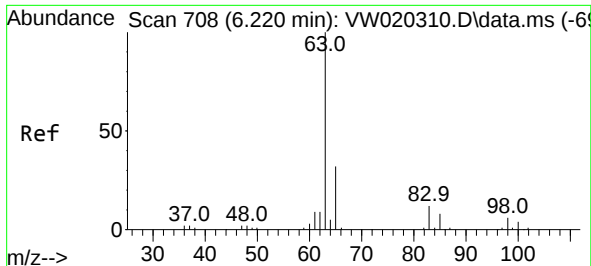
Ion Ratio Lower Upper

84 100

86 58.9 44.7 83.1

49 136.9 101.7 188.9





#19

1,1-Dichloroethane

Concen: 0.422 ug/L

RT: 6.220 min Scan# 708

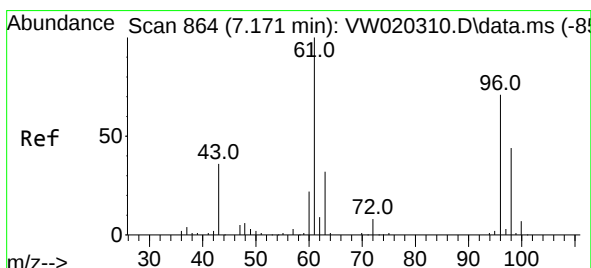
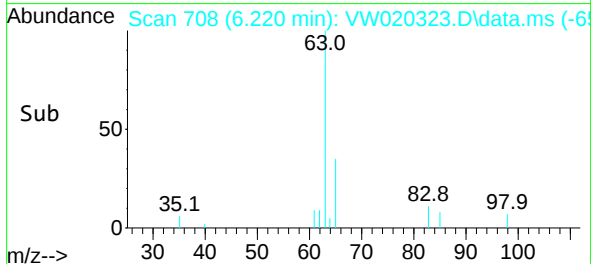
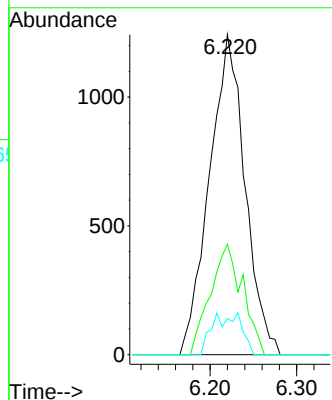
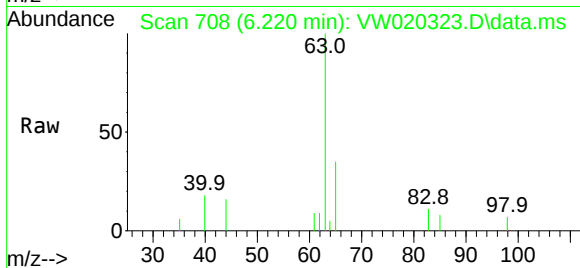
Delta R.T. -0.000 min

Lab File: VW020323.D

Acq: 06 Oct 2021 19:23

Tgt Ion:	63	Resp:	3547
Ion	Ratio	Lower	Upper
63	100		
65	34.5	21.9	40.7
83	11.4	9.0	16.6

Instrument :
MSVOA_W
ClientSampled :
EW920



#20

cis-1,2-Dichloroethene

Concen: 0.444 ug/L

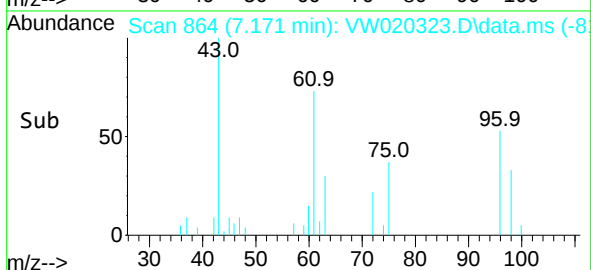
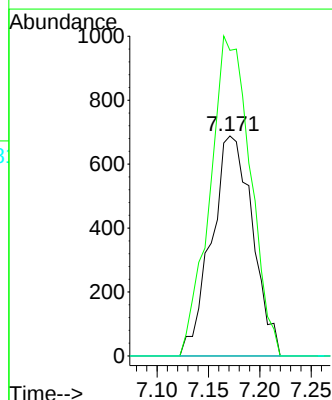
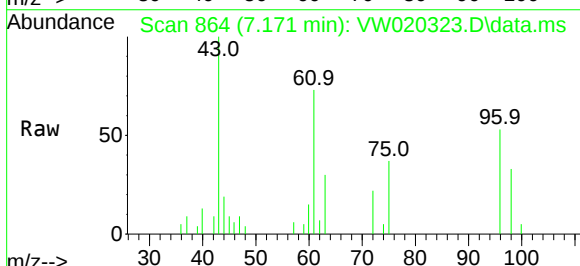
RT: 7.171 min Scan# 864

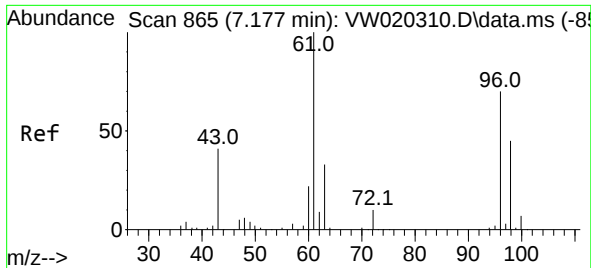
Delta R.T. -0.000 min

Lab File: VW020323.D

Acq: 06 Oct 2021 19:23

Tgt Ion:	96	Resp:	1916
Ion	Ratio	Lower	Upper
96	100		
61	139.0	100.3	186.3
68	0.0	0.0	0.0

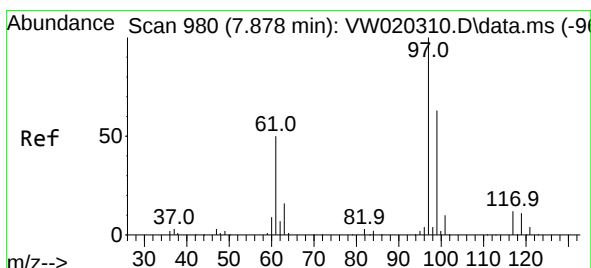
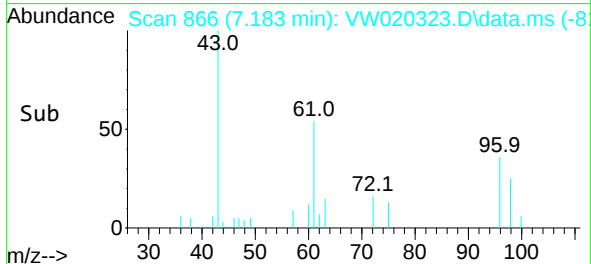
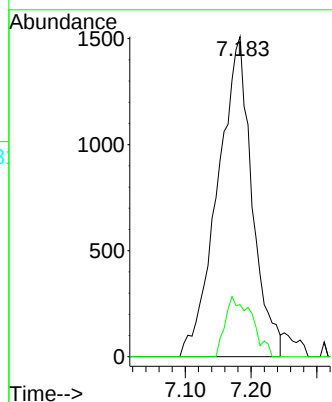
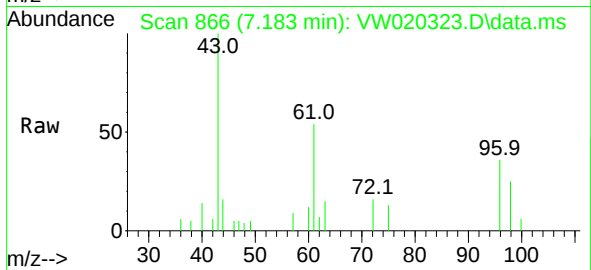




#22
2-Butanone
Concen: 4.272 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW020323.D
Acq: 06 Oct 2021 19:23

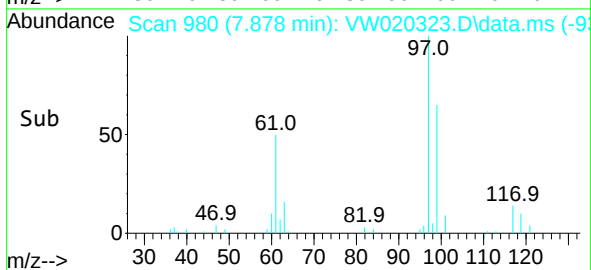
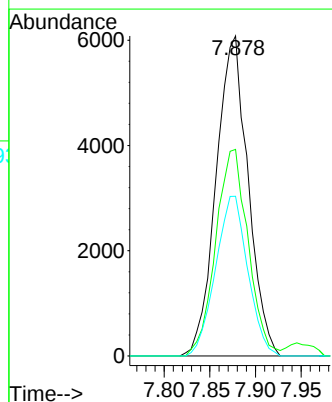
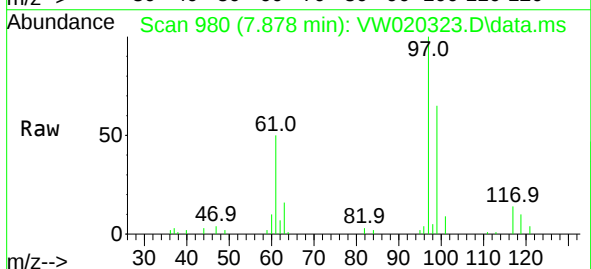
Instrument :
MSVOA_W
ClientSampled :
EW920

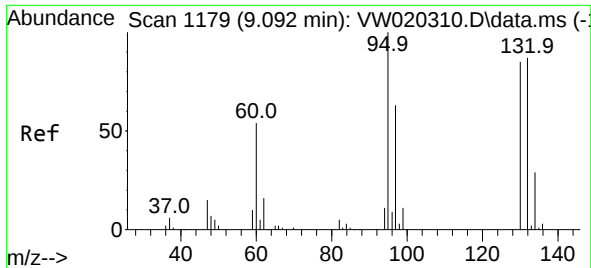
Tgt Ion: 43 Resp: 5483
Ion Ratio Lower Upper
43 100
72 13.7 12.2 36.6



#30
1,1,1-Trichloroethane
Concen: 3.366 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW020323.D
Acq: 06 Oct 2021 19:23

Tgt Ion: 97 Resp: 14804
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 50.3 41.0 61.6



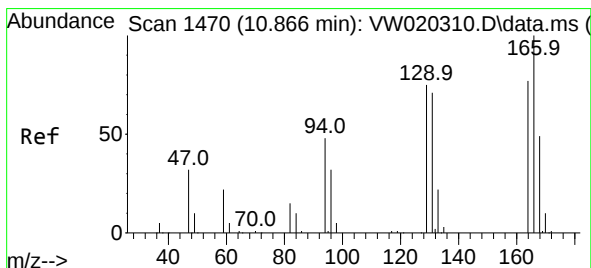
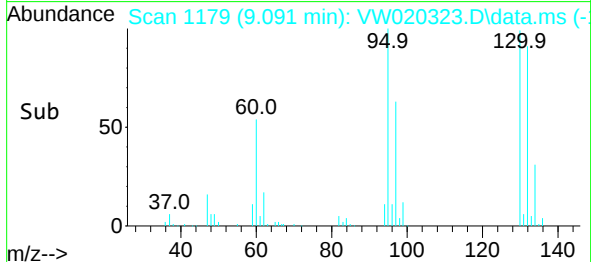
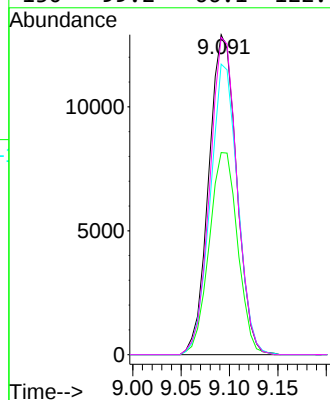
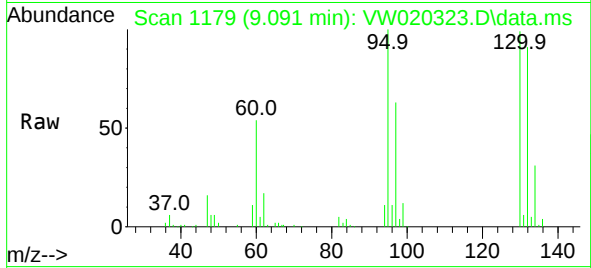


#34
Trichloroethene
Concen: 8.262 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020323.D
Acq: 06 Oct 2021 19:23

Instrument :
MSVOA_W
ClientSampled :
EW920

Tgt Ion: 95 Resp: 25916

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.2	80.2
132	90.8	62.3	115.7
130	99.2	66.1	122.7



#46
Tetrachloroethene
Concen: 0.927 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020323.D
Acq: 06 Oct 2021 19:23

Tgt Ion: 164 Resp: 2141

Ion	Ratio	Lower	Upper
164	100		
129	114.6	69.1	128.3
131	91.4	58.3	108.3
166	123.1	90.4	168.0

