

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020316.D
 Acq On : 06 Oct 2021 15:00
 Operator : SY/VA
 Sample : M3974-10RE
 Misc : 7.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:52:50 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)

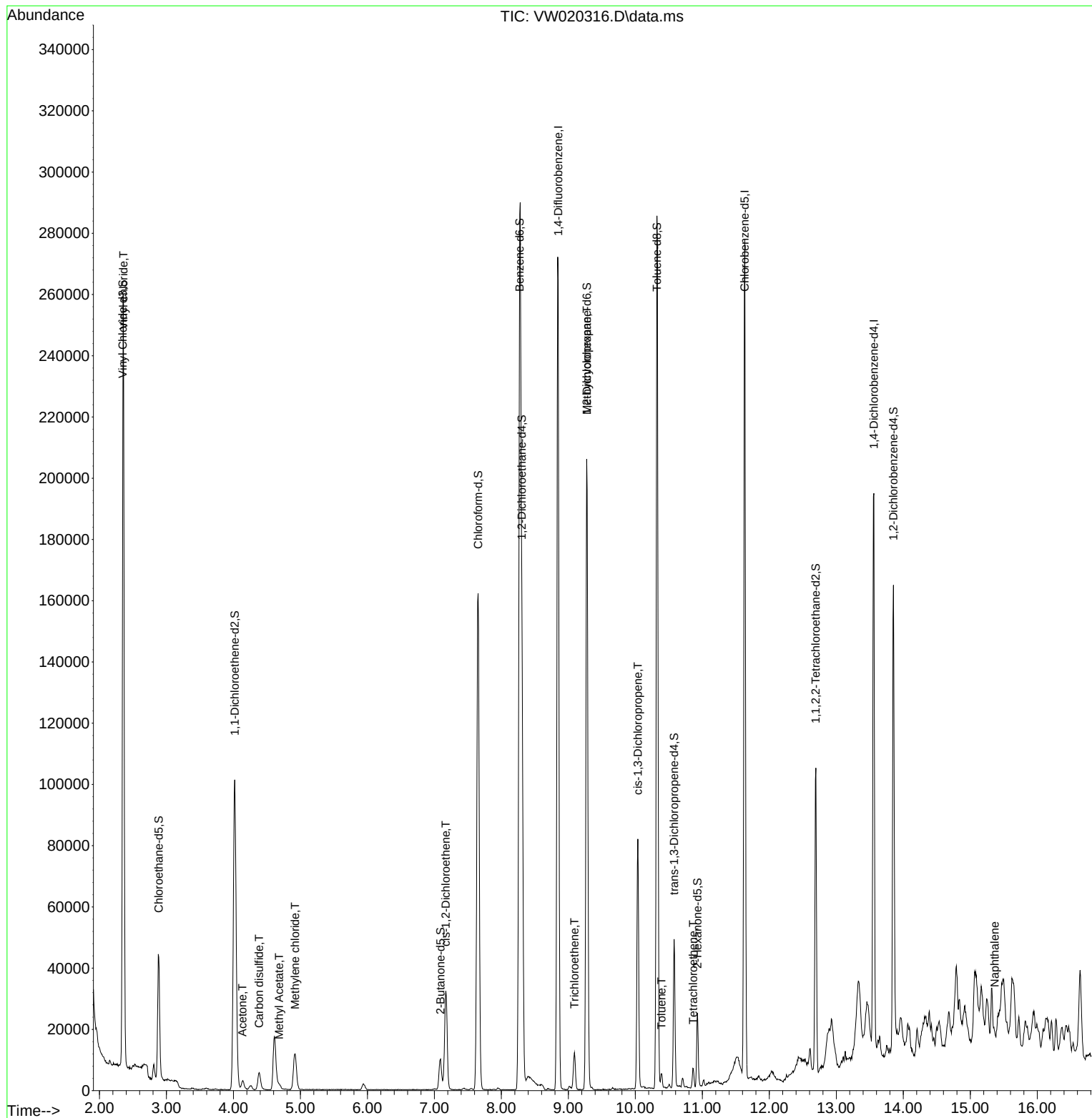
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	213857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	142076	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	46764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	93604	31.758	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.040%			
7) Chloroethane-d5	2.885	69	46194	36.170	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 144.680%			
11) 1,1-Dichloroethene-d2	4.019	63	104606	17.234	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.920%			
21) 2-Butanone-d5	7.092	46	19018	25.400	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.800%			
24) Chloroform-d	7.653	84	164114	26.726	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.920%			
26) 1,2-Dichloroethane-d4	8.305	65	96241	28.638	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.560%			
32) Benzene-d6	8.275	84	287484	33.420	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 133.680%			
36) 1,2-Dichloropropane-d6	9.274	67	94205	34.526	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 138.120%#			
41) Toluene-d8	10.323	98	181774	23.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.320%			
43) trans-1,3-Dichloroprop...	10.579	79	25715	23.163	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.640%			
47) 2-Hexanone-d5	10.927	63	8278	21.951	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 43.900%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	49934	26.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	38546	23.539	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.160%			
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	170870	43.850	ug/L	98
13) Acetone	4.135	43	5866	7.621	ug/L	98
14) Carbon disulfide	4.385	76	12132	1.240	ug/L	100
15) Methyl Acetate	4.684	43	3508	2.494	ug/L #	63
16) Methylene chloride	4.922	84	8798	2.304	ug/L	87
20) cis-1,2-Dichloroethene	7.171	96	18258	5.731	ug/L	98
34) Trichloroethene	9.091	95	3062	1.260	ug/L	97
35) Methylcyclohexane	9.274	83	22117	5.216	ug/L #	15
39) cis-1,3-Dichloropropene	10.036	75	2043	0.587	ug/L #	68
42) Toluene	10.390	91	3404	0.343	ug/L	97
46) Tetrachloroethene	10.866	164	1348	0.754	ug/L	93
71) Naphthalene	15.365	128	2214	0.786	ug/L	97

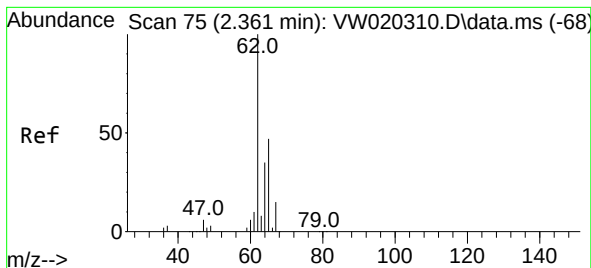
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 43.850 ug/L

RT: 2.361 min Scan# 75

Delta R.T. -0.000 min

Lab File: VW020316.D

Acq: 06 Oct 2021 15:00

Tgt Ion: 62 Resp: 170870

Ion Ratio Lower Upper

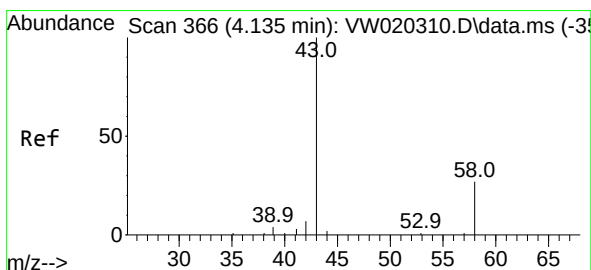
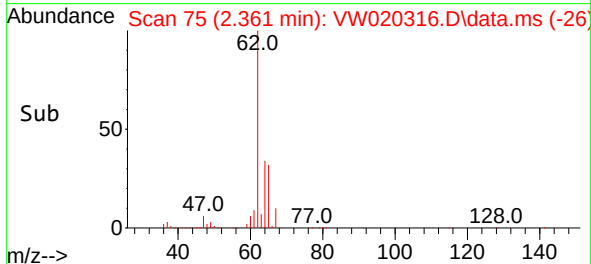
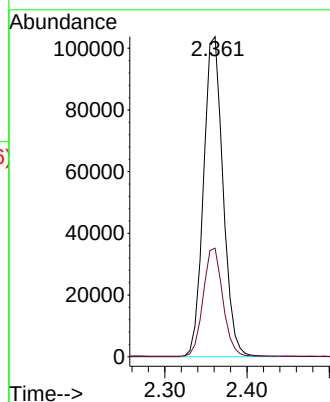
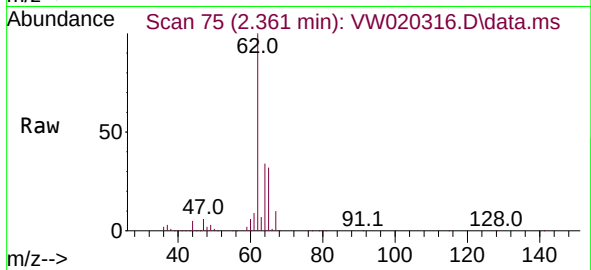
62 100

64 33.9 24.6 45.6

Instrument :

MSVOA_W

ClientSampled :



#13

Acetone

Concen: 7.621 ug/L

RT: 4.135 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW020316.D

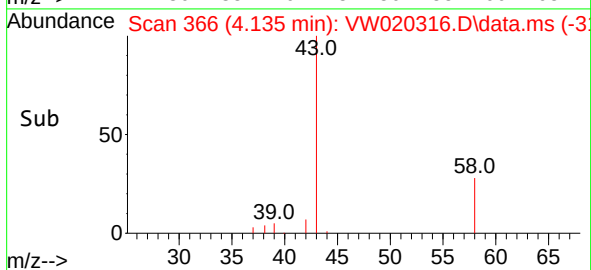
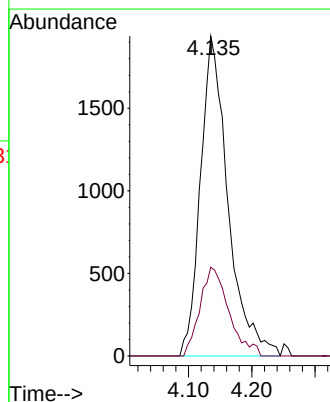
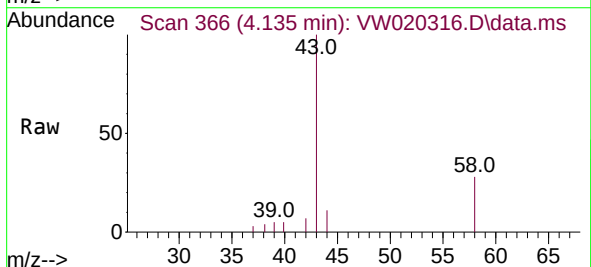
Acq: 06 Oct 2021 15:00

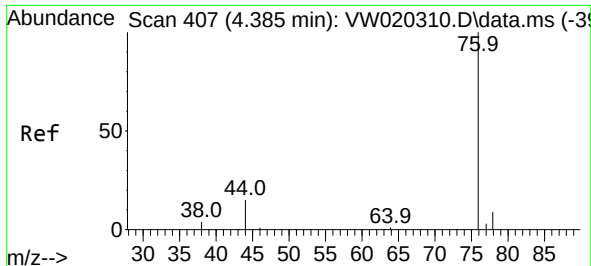
Tgt Ion: 43 Resp: 5866

Ion Ratio Lower Upper

43 100

58 28.2 0.0 58.4

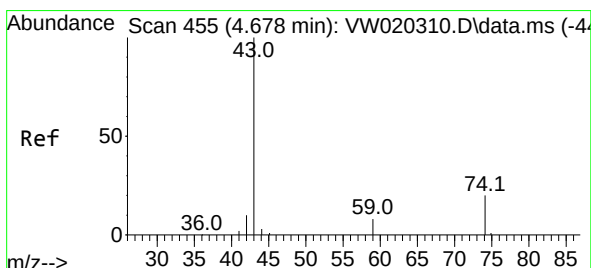
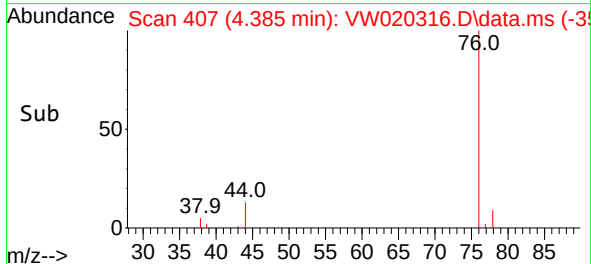
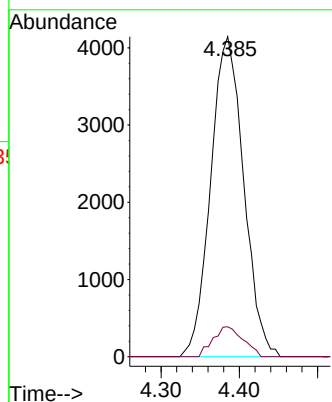
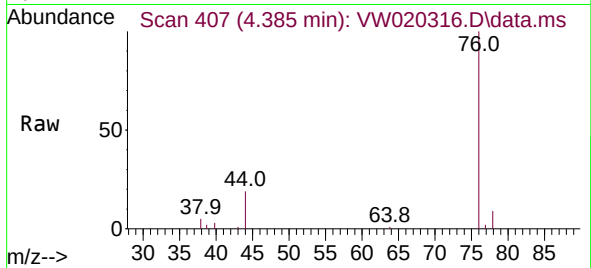




#14
Carbon disulfide
Concen: 1.240 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

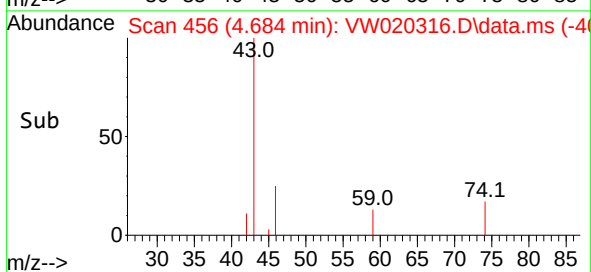
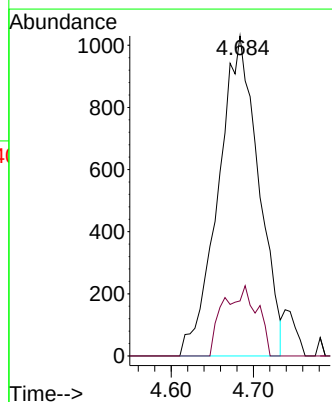
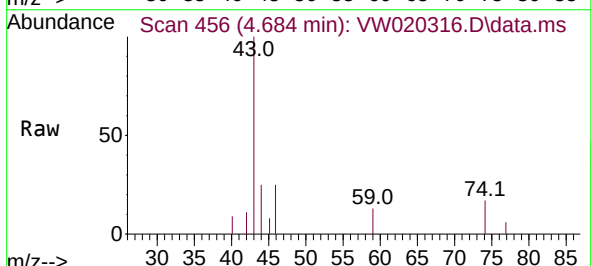
Instrument :
MSVOA_W
ClientSampled :

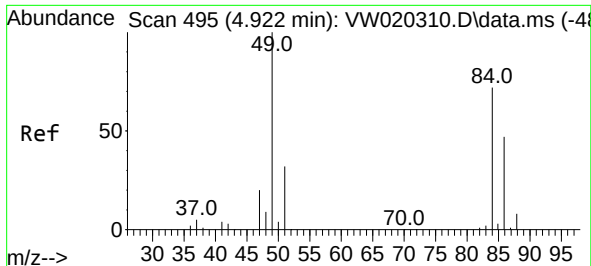
Tgt Ion: 76 Resp: 12132
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#15
Methyl Acetate
Concen: 2.494 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

Tgt Ion: 43 Resp: 3508
Ion Ratio Lower Upper
43 100
74 2.9 16.1 24.1#

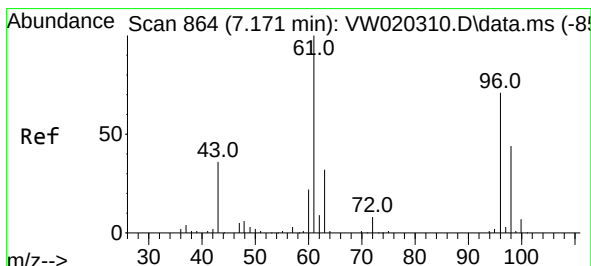
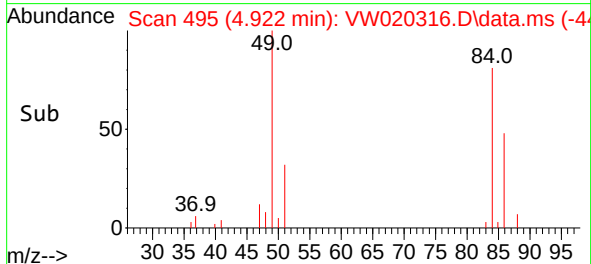
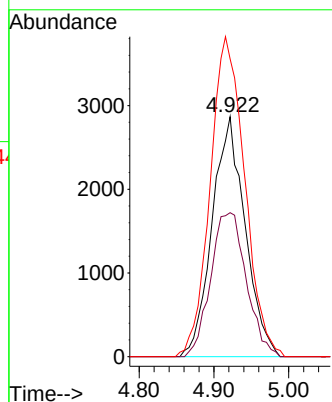
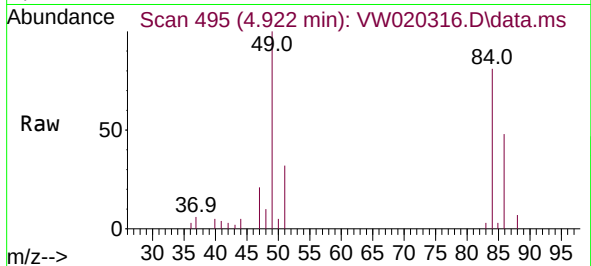




#16
Methylene chloride
Concen: 2.304 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

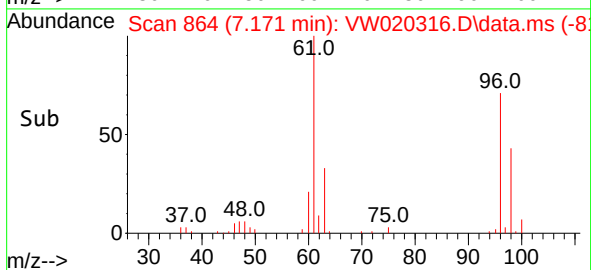
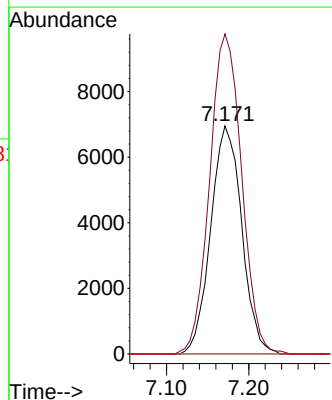
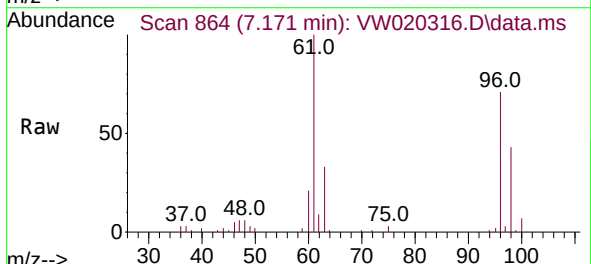
Instrument :
MSVOA_W
ClientSampled :

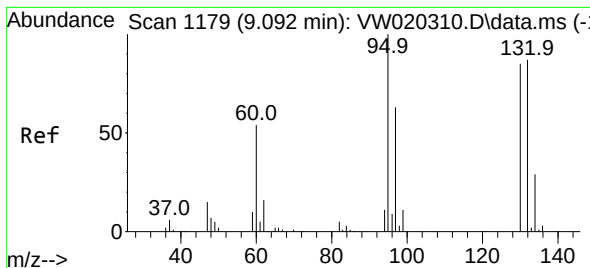
Tgt Ion: 84 Resp: 8798
Ion Ratio Lower Upper
84 100
86 60.0 44.7 83.1
49 124.1 101.7 188.9



#20
cis-1,2-Dichloroethene
Concen: 5.731 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

Tgt Ion: 96 Resp: 18258
Ion Ratio Lower Upper
96 100
61 140.4 100.3 186.3
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.260 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020316.D

Acq: 06 Oct 2021 15:00

Tgt Ion: 95 Resp: 3062

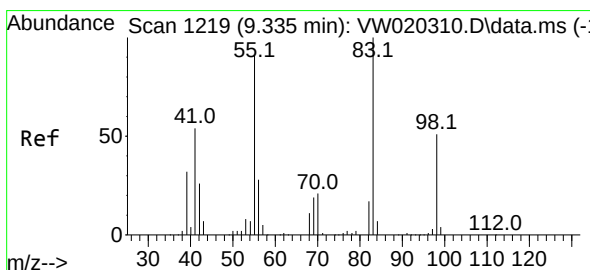
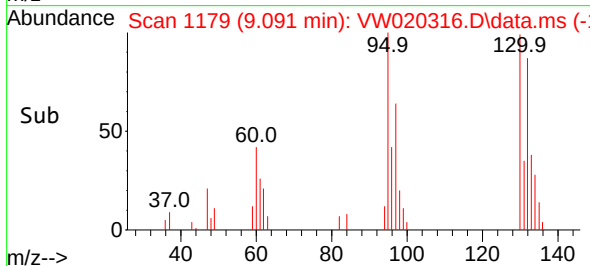
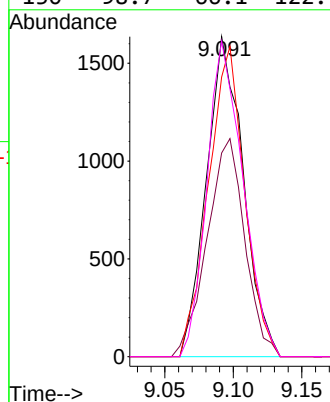
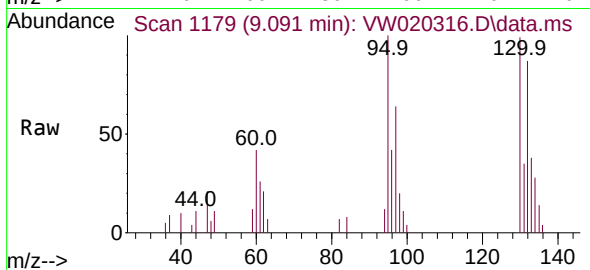
Ion Ratio Lower Upper

95 100

97 63.6 43.2 80.2

132 87.4 62.3 115.7

130 98.7 66.1 122.7



#35

Methylcyclohexane

Concen: 5.216 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW020316.D

Acq: 06 Oct 2021 15:00

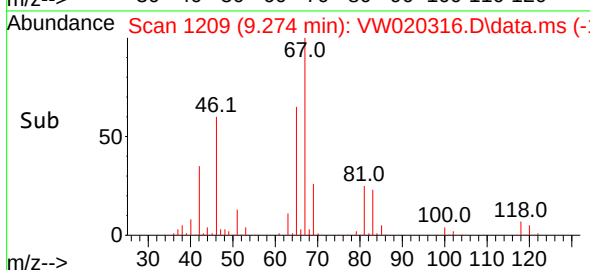
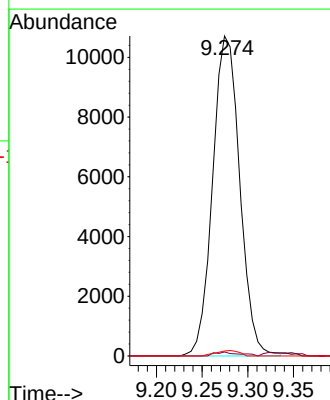
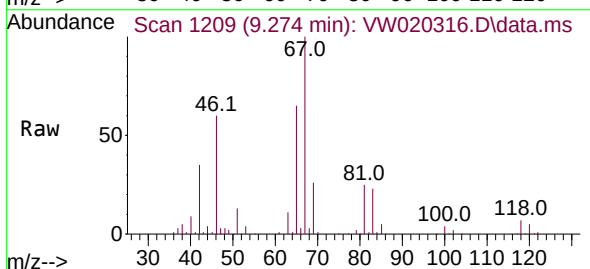
Tgt Ion: 83 Resp: 22117

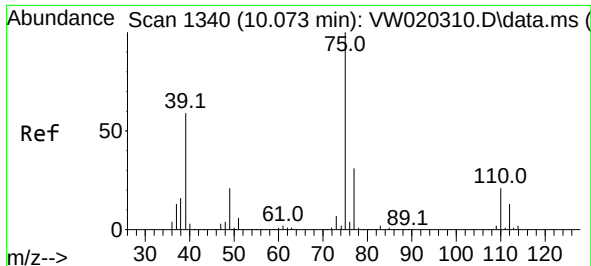
Ion Ratio Lower Upper

83 100

55 0.9 69.7 104.5#

98 1.4 38.2 57.2#

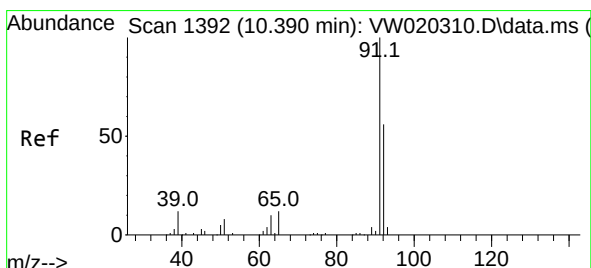
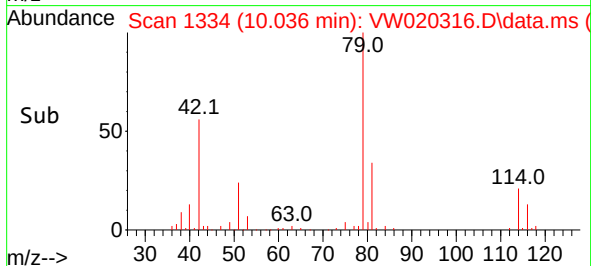
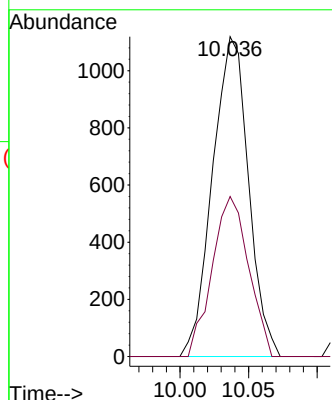
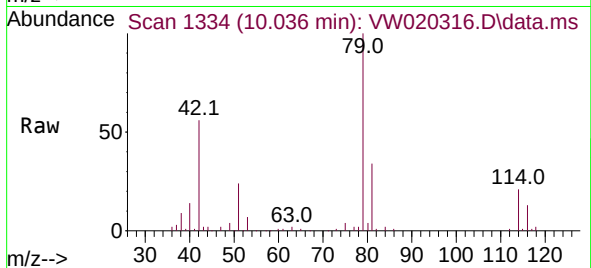




#39
cis-1,3-Dichloropropene
Concen: 0.587 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

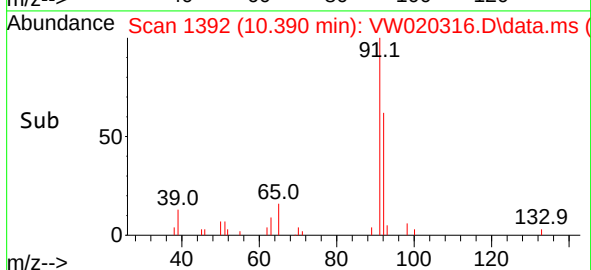
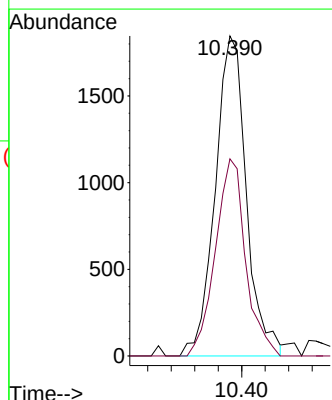
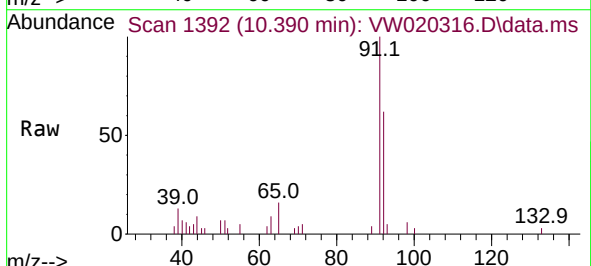
Instrument :
MSVOA_W
ClientSampled :

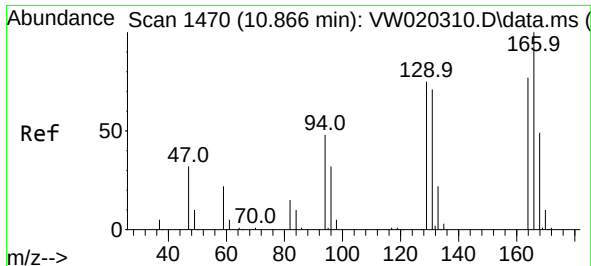
Tgt Ion: 75 Resp: 2043
Ion Ratio Lower Upper
75 100
77 50.0 22.4 41.6#



#42
Toluene
Concen: 0.343 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

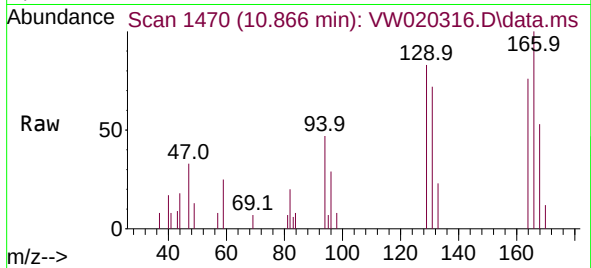
Tgt Ion: 91 Resp: 3404
Ion Ratio Lower Upper
91 100
92 61.6 41.5 77.1



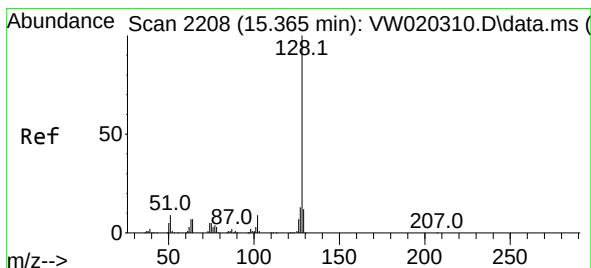
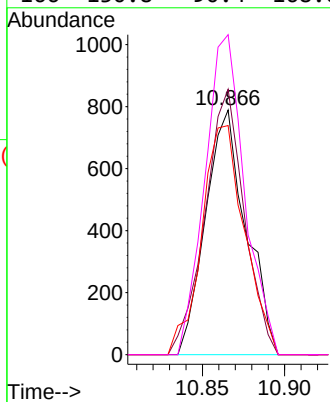
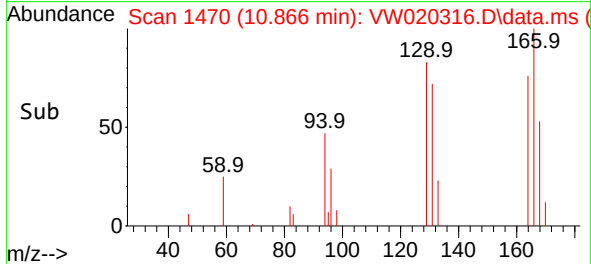


#46
Tetrachloroethene
Concen: 0.754 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00

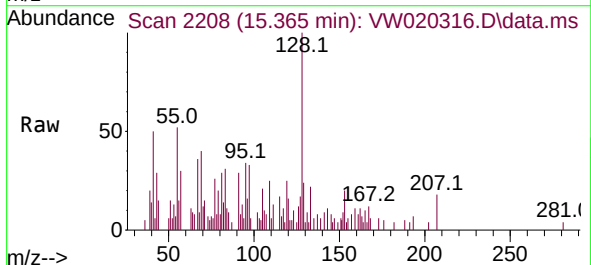
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion	Ratio	Lower	Upper
164	100		
129	108.5	69.1	128.3
131	93.7	58.3	108.3
166	130.8	90.4	168.0



#71
Naphthalene
Concen: 0.786 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020316.D
Acq: 06 Oct 2021 15:00



Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.5	15.7
129	11.0	8.7	13.1

