

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020794.D
 Acq On : 05 Nov 2021 21:13
 Operator : SY/VA
 Sample : M4464-13
 Misc : 5.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:55:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

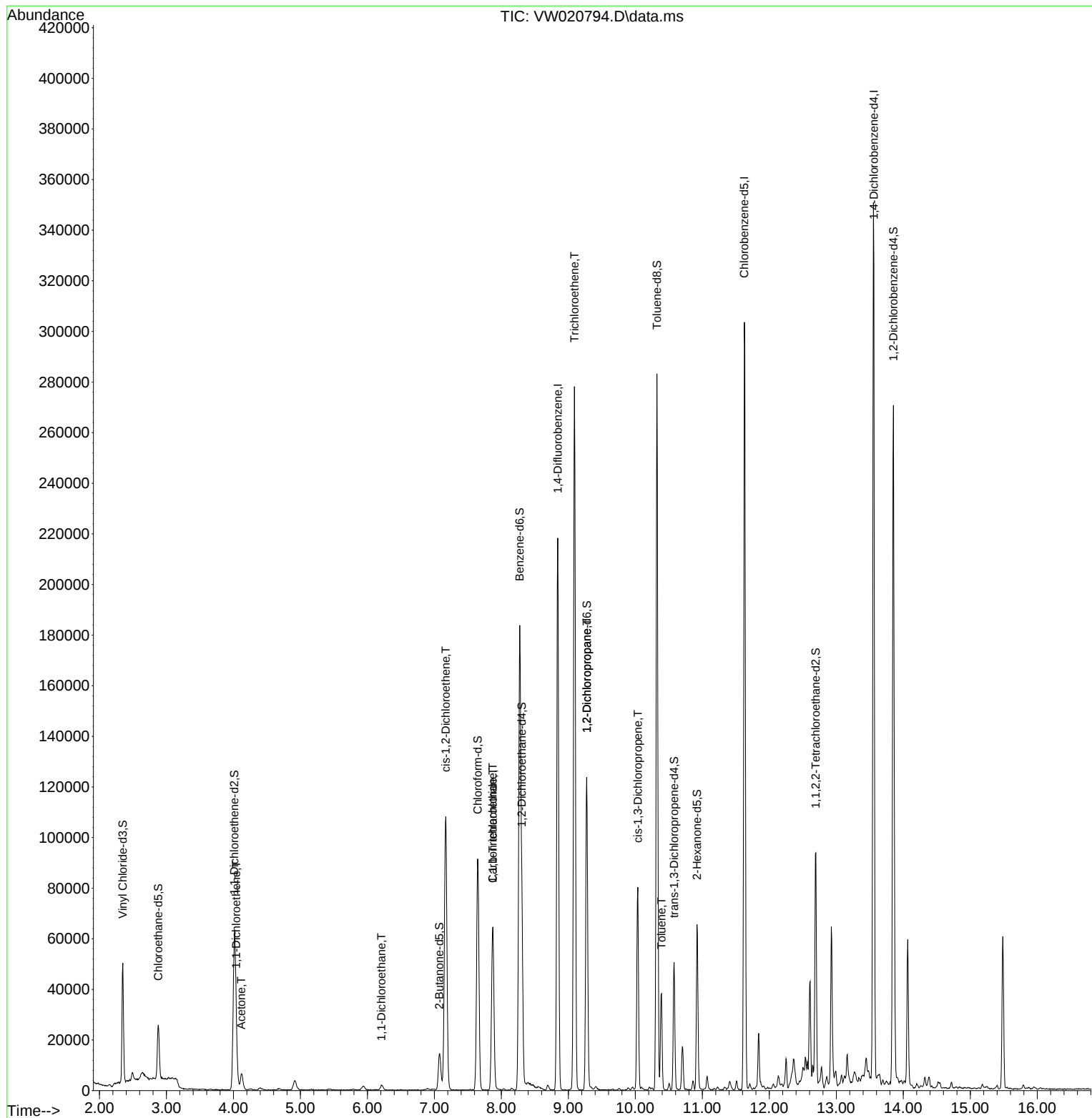
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	182360	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94193	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42757	24.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.760%
7) Chloroethane-d5	2.879	69	23901	24.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.440%
11) 1,1-Dichloroethene-d2	4.013	63	55726	15.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.920%
21) 2-Butanone-d5	7.074	46	25394	44.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.200%
24) Chloroform-d	7.647	84	91170	22.500	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.305	65	51488	23.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	8.275	84	181451	23.892	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	9.274	67	54655	23.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	10.323	98	177940	24.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.579	79	26587	22.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.200%
47) 2-Hexanone-d5	10.920	63	22418	47.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.240%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	43846	22.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	70793	23.915	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.680%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	3707	1.589	ug/L #	1
13) Acetone	4.117	43	11350	21.692	ug/L	93
19) 1,1-Dichloroethane	6.208	63	3086	0.718	ug/L #	95
20) cis-1,2-Dichloroethene	7.171	96	64442	24.650	ug/L	84
30) 1,1,1-Trichloroethane	7.872	97	52243	13.078	ug/L	95
31) Carbon tetrachloride	7.872	117	6611	1.739	ug/L	94
34) Trichloroethene	9.091	95	90522	33.781	ug/L	95
37) 1,2-Dichloropropane	9.274	63	6631	2.782	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2241	0.578	ug/L #	74
42) Toluene	10.390	91	27914	2.579	ug/L	93

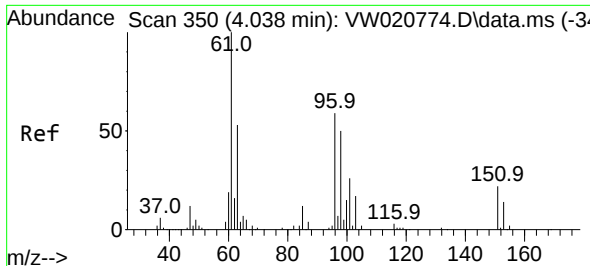
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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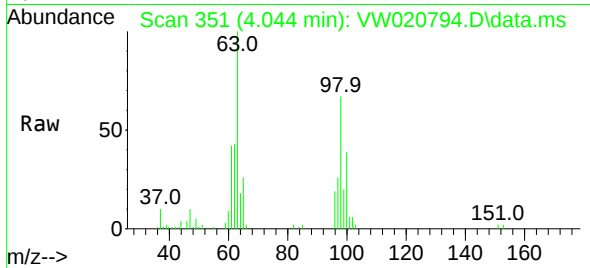
Quant Time: Nov 08 04:55:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:38:07 2021
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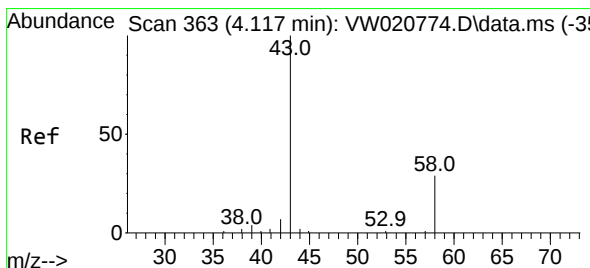
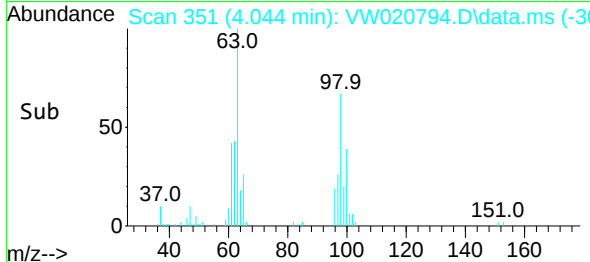
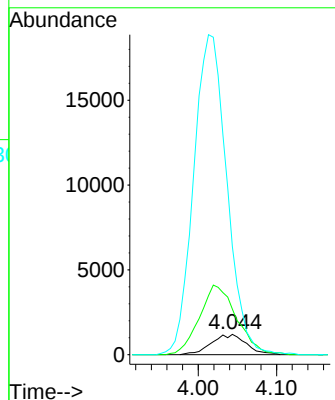
#12
 1,1-Dichloroethene
 Concen: 1.589 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW020794.D
 Acq: 05 Nov 2021 21:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 3707

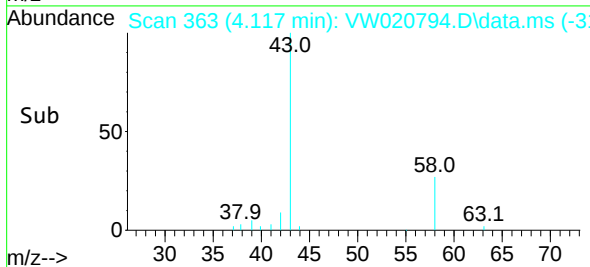
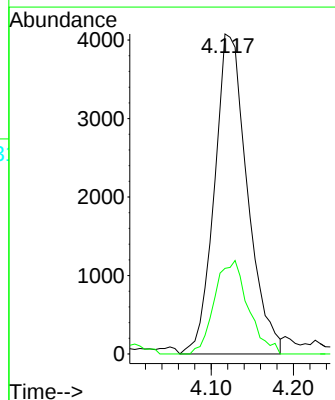
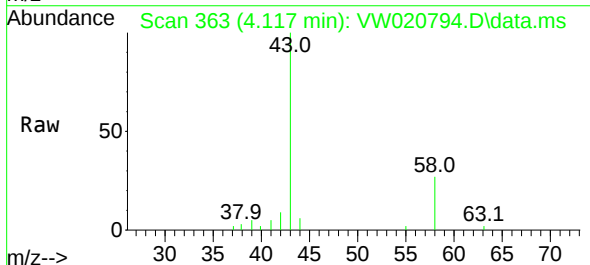
Ion	Ratio	Lower	Upper
96	100		
61	224.1	138.3	256.9
63	532.0	82.6	153.4

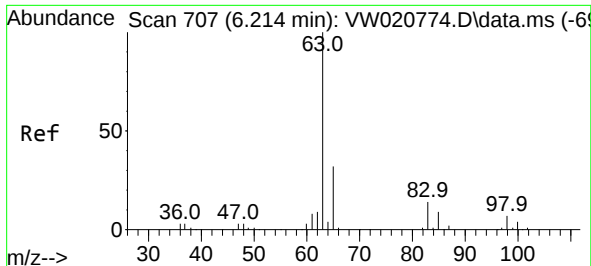


#13
 Acetone
 Concen: 21.692 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.006 min
 Lab File: VW020794.D
 Acq: 05 Nov 2021 21:13

Tgt Ion: 43 Resp: 11350

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	52.8





#19

1,1-Dichloroethane

Concen: 0.718 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.012 min

Lab File: VW020794.D

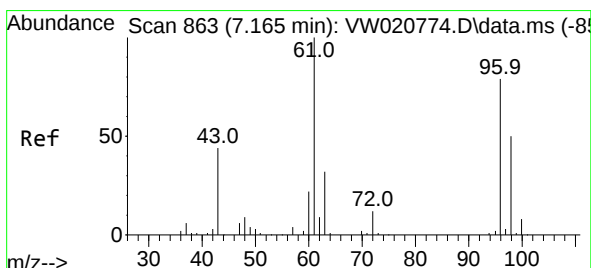
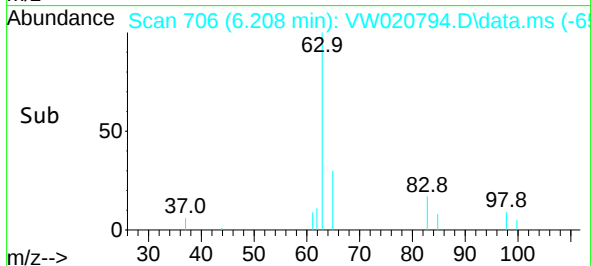
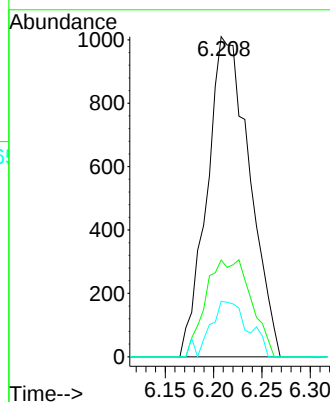
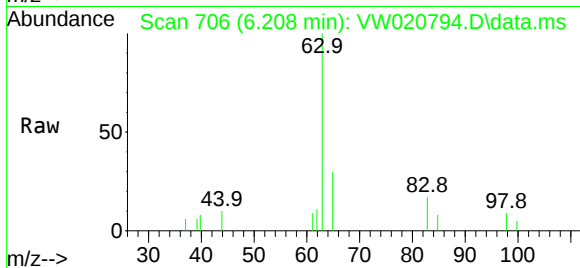
Acq: 05 Nov 2021 21:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 3086
Ion Ratio	Lower Upper
63 100	
65 30.2	22.1 41.1
83 17.3	9.2 17.2#



#20

cis-1,2-Dichloroethene

Concen: 24.650 ug/L

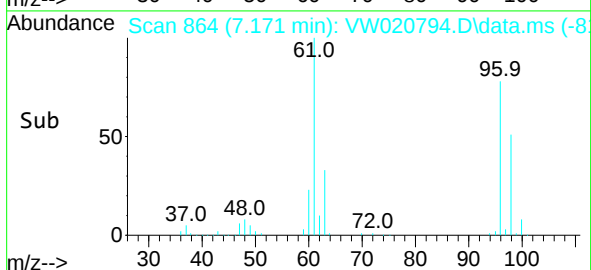
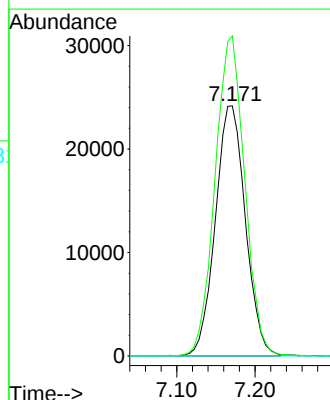
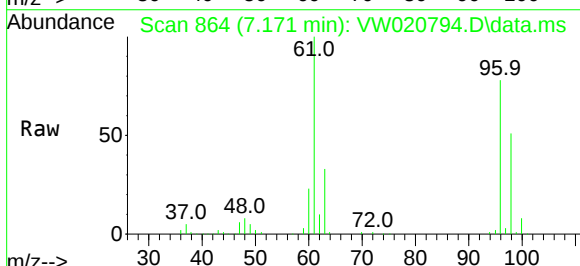
RT: 7.171 min Scan# 864

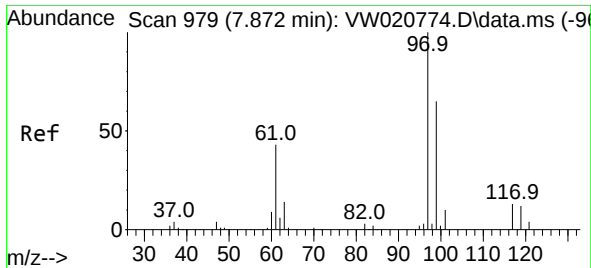
Delta R.T. -0.000 min

Lab File: VW020794.D

Acq: 05 Nov 2021 21:13

Tgt Ion: 96	Resp: 64442
Ion Ratio	Lower Upper
96 100	
61 127.9	103.7 192.7
68 0.0	0.0 0.0

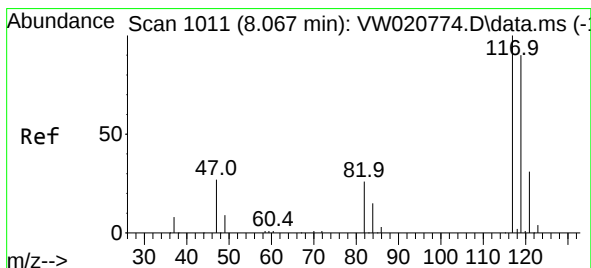
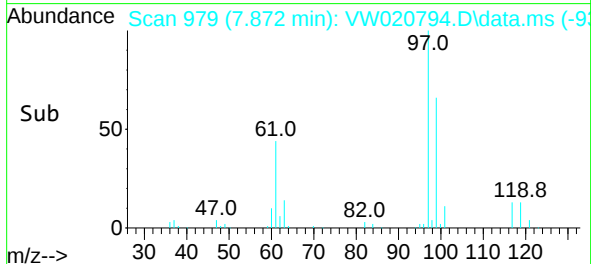
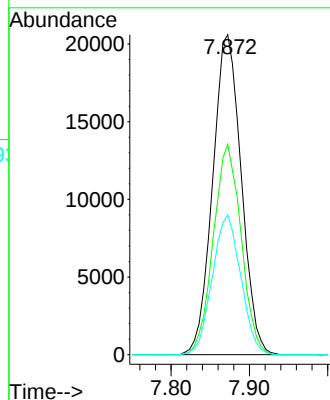
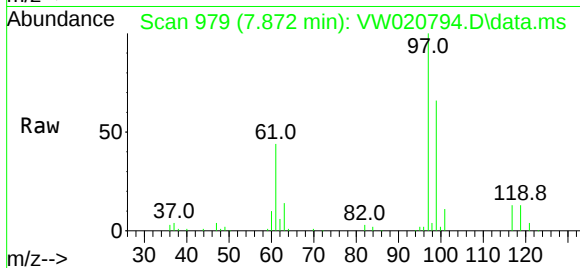




#30
1,1,1-Trichloroethane
Concen: 13.078 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020794.D
Acq: 05 Nov 2021 21:13

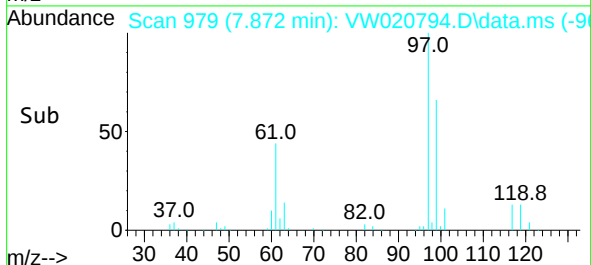
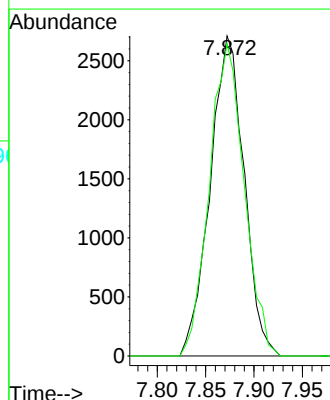
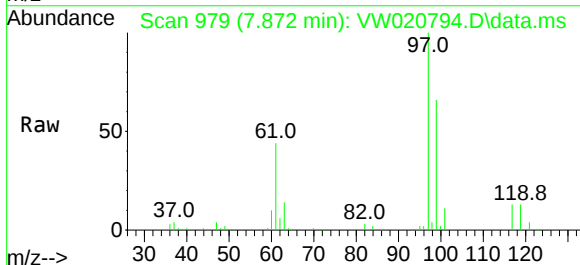
Instrument :
MSVOA_W
ClientSampleId :

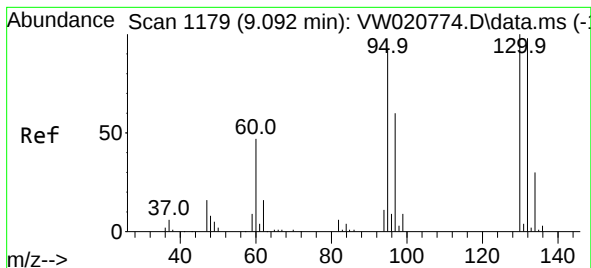
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	43.5	40.9	61.3



#31
Carbon tetrachloride
Concen: 1.739 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.195 min
Lab File: VW020794.D
Acq: 05 Nov 2021 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	75.7	113.5





#34

Trichloroethene

Concen: 33.781 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020794.D

Acq: 05 Nov 2021 21:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 90522

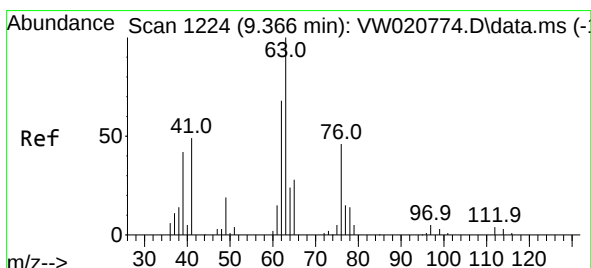
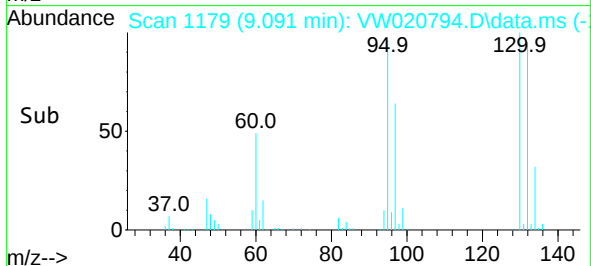
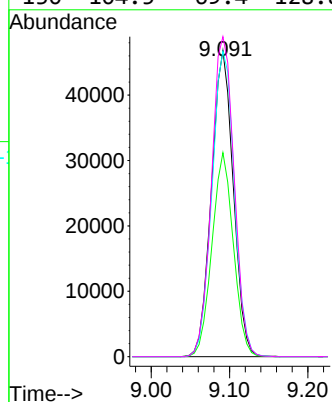
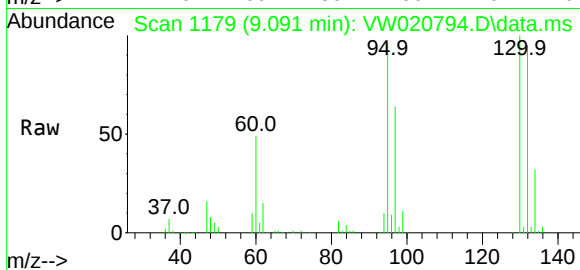
Ion Ratio Lower Upper

95 100

97 66.6 47.0 87.2

132 99.7 65.5 121.6

130 104.5 69.4 128.8



#37

1,2-Dichloropropane

Concen: 2.782 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW020794.D

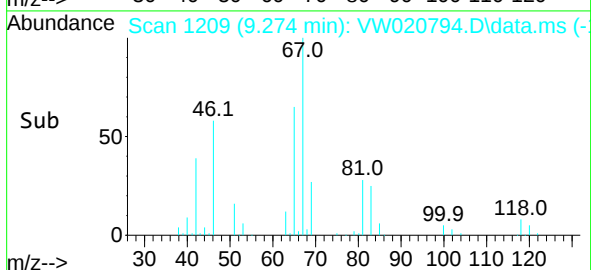
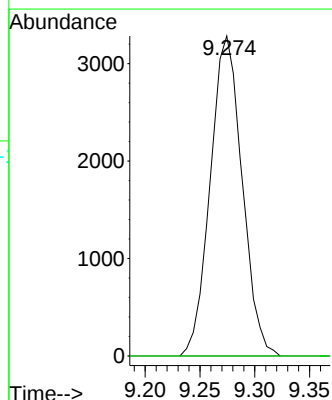
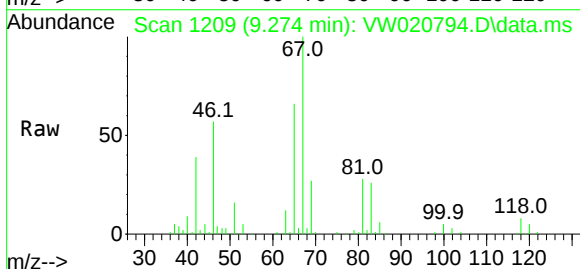
Acq: 05 Nov 2021 21:13

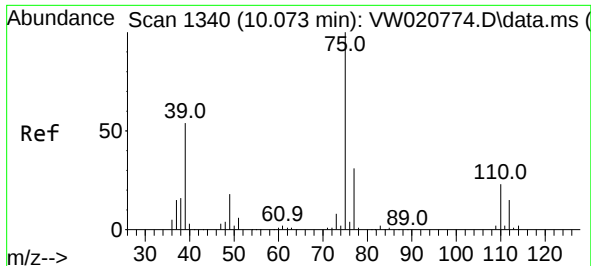
Tgt Ion: 63 Resp: 6631

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW020794.D

Acq: 05 Nov 2021 21:13

Instrument :

MSVOA_W

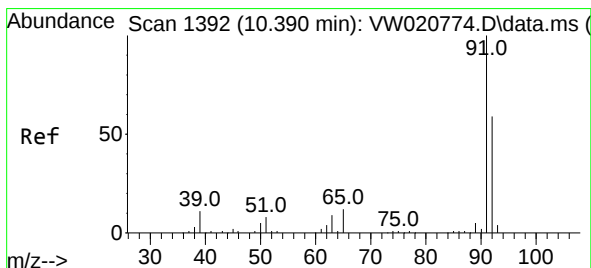
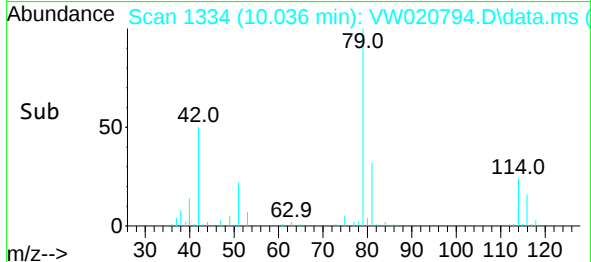
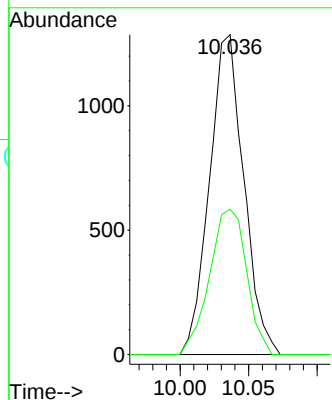
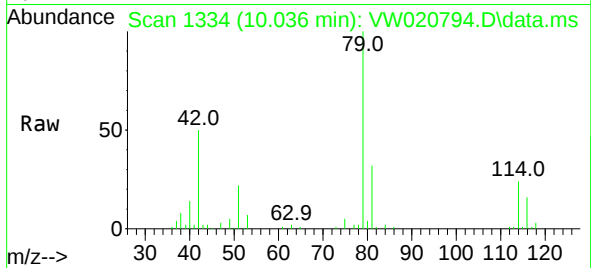
ClientSampleId :

Tgt Ion: 75 Resp: 2241

Ion Ratio Lower Upper

75 100

77 45.5 21.8 40.6#



#42

Toluene

Concen: 2.579 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020794.D

Acq: 05 Nov 2021 21:13

Tgt Ion: 91 Resp: 27914

Ion Ratio Lower Upper

91 100

92 54.5 41.7 77.5

